Mariposa Energy, LLC
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May 14, 2012

Mr. Craig Hoffman, CPM
(09-AFC-3C)
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

SUBJECT: Mariposa Energy Project (09-AFC-3C)
COMPLIANCE-6 Monthly Compliance Report_April 2012

Dear Mr. Hoffman:

Please find attached the Monthly Compliance Report (MCR) for the Mariposa Energy Project (MEP). The attached documentation has been prepared for the month of April 2012, and has been prepared in accordance with California Energy Commission (CEC) General Condition COMPLIANCE-6.

The MCR also contains documentation submitted in accordance with the following CEC Conditions of Certification:

- COMPLIANCE-5 : Updated Compliance Matrix
- AQ-SC3 and AQ-SC5: AQCMM Monthly Report
- BIO-2, BIO-6, BIO-9, BIO-10, BIO-11, BIO-12, BIO-17: Monthly Compliance Report (April 2012)
- BIO-5, CUL-5 and PAL-4: WEAP Training sign in sheets
- CUL-6: Cultural Resources Monthly Report (April 2012)
- PAL-5 : Paleontological Resources Monthly Report (April 2012)
- SOIL & WATER-2: DESCP Monthly Report (April 2012)
- WORKER SAFETY-3: Monthly Safety Report
- GEN-2, TSE-1: Master Submittal Schedule
- STRUC-1: Submittal Transmittals
- STRUC-1: CBO Submittal Approvals
- MECH-1: Mechanical Transmittals
- MECH-1: CBO Submittal Approvals
- ELEC-1: Submittal Transmittals
- WASTE-6: Unauthorized Spill Incident Report

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If you have any questions regarding this submittal, please do not hesitate to contact me at (213) 473-0092 or Keith McGregor at (916) 286-0221.

Sincerely,

Bo Buchynsky
Mariposa Energy, LLC
Senior Vice President

cc: Gary Normoyle, Mariposa Energy, LLC
James Spicer, Mariposa Energy, LLC
Kristy Santucci, Bureau Veritas (CD-ROM Only)
Keith McGregor, CH2M HILL
Debi Hertz, CH2M HILL

Monthly Compliance Report #10
April 1–30, 2012
Reporting Period

Mariposa Energy Project

Livermore, California
09-AFC-3C

Submitted to

California Energy Commission

Submitted by

Mariposa Energy, LLC

With Technical Assistance by

CH2MHILL

2485 Natomas Park Drive
Sacramento, California 95833

May 2012

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Monthly Compliance Report #10

1.0 Introduction

On May 18, 2011, the California Energy Commission (CEC) issued a license to Mariposa Energy, LLC (Mariposa Energy) for the construction and operation of the Mariposa Energy Project (MEP). The CEC Compliance Project Manager (CPM) issued a limited notice to proceed letter to Mariposa Energy on June 3, 2011, allowing the start of construction activities for surveying and fencing for the power plant and related linear facilities. On June 15, 2011, a full notice to proceed was issued.

This is the tenth Monthly Compliance Report (MCR) for MEP (09-AFC-3C). This report covers engineering, procurement, construction, and environmental compliance activities that occurred during the period from April 1 to April 30, 2012.

2.0 Current Project Status

Mariposa Energy has contracted with LG Constructors (LG) to provide the engineering, procurement, and construction (EPC) services needed to build MEP. The Byron Bethany Irrigation District (BBID) is the construction manager for the water pipeline lateral with Tidelands Construction (Tidelands) as the general construction contractor for the water pipeline lateral. Pacific Gas and Electric Company (PG&E) will design, build, and operate the natural gas pipeline trunk-line from its gas main to the project's gas yard; PG&E's scope will end just downstream of the PG&E revenue meter.

In April, work focused on completion of electrical and control cabling to ensure systems were turned over to the Start-up Group for commissioning. As of April 30, 2012, the project was 95 percent complete overall. Table 1 presents the percent complete numbers for the EPC activities as of the end of the month.

TABLE 1
Percent Complete for MEP Engineering, Procurement, and Construction Activities
MEP MCR #10 April 1 to April 30, 2012

Activity	Main MEP Site	Water Pipeline	Transmission Line	Natural Gas Pipeline
Engineering	100	100	100	100
Procurement	100– Engineered Equipment 100– Subcontracts	100	100	100
Construction	93	100	100	100

Engineering of the main plant was completed in March. LG's Monthly Progress Report is provided in Exhibit 1. LG prepared 19 drawing package submittals in April that were issued to the Chief Building Official (CBO) for approval or information only.

With regards to the BBID water supply, LG installed the control panel for the SCADA integration between the BBID and MEP systems and Sierra Controls completed the wiring on April 27, 2012. Minor final programming is required in order for LG to complete their commissioning. The pump station building smoke detectors will be tested in early May and the Certificate of Occupancy issued by the CBO.

PG&E installed conductors between pole ST-8 and their switchyard in early April; for safety reasons, they will not make the final jumper connection at the ST-8 conductor until they are ready to provide power. Installation of the fiber optic cable between the PG&E switchyard and pole ST-8 was completed on April 27, 2012.

PG&E gas line corridor work was completed in February. The meter station and controls were installed in early April by PG&E. LG provided power to the controls on April 30, 2012, to allow PG&E to calibrate respective instrumentation.

On April 12, 2012, a monthly progress meeting was held onsite with LG and MEP. It was decided that moving forward, LG and MEP will meet daily to review the commissioning progress schedule in lieu of a single monthly progress meeting. LG, MEP, and PG&E have weekly conference calls to discuss the power backfeed schedule.

The most recent project summary schedule for the main plant updated May 4, 2012, is included as Exhibit 2 of this report. The three-week look-ahead schedules for the week of April 16, 2012 for the main plant are provided in Exhibit 3. After April 23, 2012, LG and their subcontractors stopped preparing three-week look-ahead schedules because the bulk of the work taking place is punch-list work. In lieu of the three-week schedules, they are having daily punchlist coordination meetings.

A key events list is included as Exhibit 4. The anticipated commercial operation date for MEP remains July 1, 2012.

Construction photos taken during the reporting period are provided as Exhibit 5.

3.0 Engineering, Procurement, and Construction Activities

This section provides information on the EPC activities that were accomplished during the reporting period.

Engineering

In April, LG received CBO approval on the following drawings and calculations: nonsegregated and syncrocloser drawings, DC schematics, underground piping orthos, GE circuit breaker control schematic, HV Relay and metering three-line diagram, Summit Fire Protection, MV one-line diagrams, high-strength bolting inspection procedure and concrete mix design. Copies of the CBO submittal approval notifications for STRUC-1 and MECH-1 are included in Exhibit 12.

The Master Submittal Log updated by LG on April 3, 2012, is included in Exhibit 6. Copies of submittal transmittals for STRUC-1, MECH-1, and ELEC-1 are included in Exhibit 6.

Procurement

During the reporting period, the procurement status for the main plant is as follows:

LG issued the painting, emission compliance testing, chiller start-up support, performance testing and insulation for piping and equipment contracts in April. No bid packages were issued in April.

The following major MEP construction activities were accomplished between April 1 and April 30, 2012:

Water Pipeline Corridor and Pump Station Activities

- Controls equipment was installed at the main water tank and the system was programmed on April 26 and 27, 2012.

Natural Gas Pipeline Activities

- Installed meter station piping and meter.
- Installed control and communication equipment between meter station and PG&E as well as the plant control room.
- Energized power to PG&E gas line controls and communication systems, and calibrated equipment.

230-kV Transmission Line Interconnect Activities

- PG&E installed conductors from their switchyard to ST-8.
- PG&E installed the ADSS fiber optic cable inside the substation to ST-8 and LG terminated and spliced it with the OPGW cable at pole ST-8.

Main Site Activities

- Installation of site lighting bases, poles, and lights. Installation of exterior lighting at CTG's ECMs, water tanks, and equipment skids.
- Painting of piping, exposed welds and bolts.
- Insulation of above-ground fuel gas, demineralized water, and chiller water piping at the units and skids.
- Completion of warehouse building including wall, floor, and ceiling finishes; lighting; restroom fixtures; fire alarm devices and panel; and electrical trim out.
- Completed roofing at the compressed air system shed.
- Completion of compressed air system including testing of lines and start-up of equipment.
- Completion of fiber optic line splice from transmission line into the Power Distribution Center for the PG&E Direct Transfer Trip.

- Completion of rock placement in the switchyard area. Completion of fencing gates, grounding and wildlife screen materials for switchyard fence. The area is under start up control.
- Commencement of final grading for site paving. Continued grading of perimeter storm drain ditch.
- Installation of cable tray and CEMS umbilicals at all ECMS. Termination of cables at CEMS DCS cabinet at all units.
- Completed the punchlist walk-down of all CTG units in April. Units 600, 700, and 800 were officially turned over to start-up at the end of April.
- Completion of service/fire, wastewater and demineralized water tanks, pumps and piping and turn over to commissioning in mid-April. Delivery of demineralized water treatment trailer.
- Installation and termination of electrical cables between anti-icing transformer and anti-icing heater building panels.
- Installation of chiller water piping to chiller buildings. Installation of connection piping inside chillers. Installation and termination of wiring to and inside the chillers.
- Completion of potable water treatment system and punchlist walk-down with start-up.
- Continued installation of instrument and controls at chiller water, fuel gas, ammonia, ECMs, and tempering air fan systems.
- Installation of site speaker system at equipment locations around the site.
- Installation of site fencing on east side of site and around stormwater detention pond.

4.0 Project Compliance Activities

This section includes a description of the documents required by specific conditions to be submitted as part of the MCR. The specific documents required are attached as exhibits unless they have been previously submitted to the CEC's CPM as noted. A compliance matrix is attached as Exhibit 7 listing all of the applicable construction conditions and the status of each. The compliance matrix was updated during the reporting period to reflect the dates that compliance submittals were provided to the CEC and the dates of any approvals by the CBO, CEC CPM, or delegate agency.

AQ-SC3: Discussion on the control of dust plumes during construction is included in the air quality control management (AQCM) report from LG and PG&E, provided in Exhibit 8.

AQ-SC5: Reporting on the control of diesel construction emissions during construction is included in the AQCM report from LG and PG&E in Exhibit 8.

AQ-4 and AQ-5: On April 11, 2012, the Commissioning Plan was submitted to both the CEC and BAAQMD for review and approval. The plan was conditionally approved by the CEC on April 11, 2012, based on the condition that only one unabated turbine can be fired per

day during commissioning. On April 18, 2012, BAAQMD stated that they would not be issuing a formal approval or disapproval of the plan.

BIO-2: Todd Ellwood is the Designated Biologist for MEP. A summary of the biological resource activities for the reporting period is included in Exhibit 9.

BIO-5: 62 people were trained on the Worker Environmental Awareness Program (WEAP) in April, bringing the cumulative total of WEAP-trained individuals to date to 965.

BIO-6: A discussion on the status of Biological Resources Mitigation Implementation and Monitoring Plan measures (e.g., surveys, species observed, and construction activities) is included in the Designated Biologist's monthly report in Exhibit 9.

BIO-9: A summary of the branchiopod avoidance measures implemented during the reporting period is included in Exhibit 9.

BIO-10: A summary of the implementation of California tiger salamander and California red-legged frog avoidance measures is included in Exhibit 9.

BIO-11: A summary of the implementation of western pond turtle avoidance measures is included in Exhibit 9.

BIO-12: A summary of the implementation of burrowing owl avoidance measures is included in Exhibit 9.

BIO-16: On March 19, 2012, MEP sent a request to the CEC to consider amending the verification language of BIO-16 to accommodate a delay in approval of the Mountain House Conservation Bank. Revision to the verification language is pending confirmation by the CEC on whether the credits in the Mountain House Conservation Bank may be available in May 2012.

BIO-17: A summary of the implementation of impact avoidance and mitigation measures for waters and wetlands is included in Exhibit 9.

COMPLIANCE 12 and 13: The Unplanned Temporary Closure Plan and Unplanned Permanent Closure Plans were submitted to the CEC for review and approval on April 23, 2012.

CUL-2: The weekly schedules are being sent to the Cultural Resource Specialist (CRS) via email per this condition and are not included in this report.

CUL-5: Copies of the signed WEAP training sheets are included as Exhibit 10.

CUL-6: Clint Helton is the CRS. The monthly cultural resources monitoring report is included in Exhibit 9.

NOISE-2: No noise complaints occurred during the reporting period.

SOIL & WATER-2: The qualified Stormwater Pollution and Prevention Plan (SWPPP) developer, Mieke Sheffield, has summarized the monthly status report of the Drainage, Erosion, Sedimentation Control Plan (DESCP) measures in Exhibit 9.

TRANS-1: A Heavy Haul Roadway use permit was issued in April for the removal of a subcontractor trailer. The permit issued is as follows: State of California: 359868

WORKER SAFETY-3: The monthly safety inspection report from LG is included in Exhibit 11 of this report.

HAZ-2: The Risk Management Plan, the Spill Prevention Control and Countermeasure Plan and the Hazardous Materials Business Plan were submitted to the CEC and the Alameda County Department of Environmental Health for review and approval on March 29, 2012. On April 23, 2012 MEP contacted Alameda County to ascertain the status of their review. A conference call with MEP, Alameda County, and the CEC is scheduled for early May for preliminary review of the documents.

GEN-2: A copy of the latest Master Submittal Schedule updated April 3, 2012, is included in Exhibit 6.

CIVIL-3: No Non-Conformity Reports (NCR) were submitted during the reporting period for the main project site and water pipeline.

STRUC-1: Copies of the structural submittal transmittals are included in Exhibit 6. Copies of the CBO approval of structural submittals are included in Exhibit 12.

ELEC-1: Copies of the electrical submittal transmittals are included in Exhibit 6.

MECH-1: Copies of the mechanical submittal transmittals are included in Exhibit 6. Copies of the CBO approval of mechanical submittals are included in Exhibit 12.

PAL-4: Copies of the signed WEAP training sheets are included as Exhibit 10.

PAL-5: The paleontological monthly monitoring report is included in Exhibit 9.

TSE-1: The transmission facility design submittals are included in the master submittal schedule, which is included in Exhibit 6.

VIS-6: The Landscape and Irrigation Plan was submitted to the County of Alameda Planning Department on February 29, 2012, for review and approval. The CEC confirmed on March 27, 2012, that they had no comments on the plan. On April 25, 2012, Alameda Country responded with comments that proposed plan did not have enough vertical elements for screening of the plant. The plan is currently being revised for resubmittal to the CEC.

WASTE-7: On April 24, 2012, there was a spill of 4.5 gallons of mineral oil used in the GSUs. The Unauthorized Spill Incident report is included in Exhibit 13 attached.

WORKER SAFETY-2: The Operations Injury and Illness Prevention Plan, Fire Prevention Plan, Personal Protective Equipment Plan and Emergency Action Plan were submitted to the CEC and the Alameda County Fire Marshal on March 5, 2012, for review and approval. As of April 30, 2012, MEP has not received feedback from the Fire Marshall on the plans.

Submittal Deadlines Not Met

No submittal deadlines were missed during the reporting period.

5.0 Conditions Satisfied During Reporting Period

Table 2 provides a list of the conditions of certification satisfied during the reporting period of April 1 to April 30, 2012.

TABLE 2
Conditions of Certification Satisfied During the Reporting Period
MEP MCR #9 April 1 to April 30 2012

Condition	Brief Description	Date Submitted	Actions that Satisfied the Condition
AQ-4 & 5	Air Quality Commissioning Plan	4/11/12	Submittal of Commissioning Plan to CEC and BAAQMD for approval.

6.0 Approved Changes to Conditions of Certification and Filings or Permits Issued by Other Government Agencies

There were no permits issued by other governmental agencies April 1 through April 30, 2012.

7.0 Anticipated Compliance Activities for May 2012

Mariposa Energy will continue to provide progress updates on the compliance activities discussed above in future monthly reports. Additionally, the following compliance documents will continue to be monitored with the CEC or submitted during May:

- TRANS-5: Transportation of Hazardous Materials
- AQ-10: Source Test Plan
- AQ-SC7: SJVAPCD Fee reductions in emissions report
- GEN-7: Discrepancy in Design

8.0 Additions to Onsite Compliance File

Copies of the documents included in the exhibits to this MCR have been added to the onsite compliance files.

9.0 Request to Dispose of Items Required to be Maintained in Project Files

There are no files in the project compliance files that Mariposa Energy is requesting to dispose of.

10.0 Complaints, Violations, Warnings, Citations

There were no complaints, violations, warnings or citations during the month of April.

Exhibit 1
LG Monthly Progress Reports

Diamond Generating Corporation
A Subsidiary of Mitsubishi Corporation

MARIPOSA ENERGY PROJECT MONTHLY PROGRESS REPORT APRIL 2012

LG Constructors

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1 Executive Summary

Summary

Mariposa Energy, LLC (MEL) issued a Notice to Proceed (NTP) to LG Constructors (LG) on December 20, 2010 to begin engineering activities for the Mariposa Energy Project. LG began working on the project on December 20, 2010 developing specifications for the long lead procurement items for the project and reviewing the contract documents.

The project was approved by the California Energy Commission on May 18th, 2011. The ATC from the BAAQMD and CBO was received.

MEL granted full site access on July 18th. The easement on the transmission line corridor next to the Kelso Compressor Station was approved in late December by the CPUC and PG&E.

Engineering & Design

Engineering & Design continued responded to RFI and other field questions during the month. Electrical engineers and designers were on site during the month supporting construction requirements. Engineering is currently 100% complete with only as-built drawings and responding to field questions remaining.

Procurement

Procurement activities for April included issuing field purchase orders in support of Construction and Start-Up activities and change orders for various pieces of engineered equipment and subcontracts in support of Construction. The engineered equipment is 100% bought out.

Issued Equipment Bid Packages for: None

Issued Purchase Orders for Equipment: None

The Subcontract Inquiry Packages: None

The Subcontracts for Painting and Insulation for Pipe and Equipment were issued during the month.

Construction

During the month of April, Construction activities continued with Collins Electric working on the AG Electrical/ I&C work, AZCO continued erecting AG equipment and piping. Newtron demobilized from the site. Lyons completed erecting the Warehouse building. Bayside Insulation mobilized to the site and brought in insulation material. Techno Coatings mobilized to the site and began painting of piping.

Startup & Commissioning

During the month of April, Startup continued commissioning activities for Mechanical and Electrical Systems in preparation for back feed on May 19th and first fire of Unit 700 on May 23rd.. Turnover packages from construction to startup will be completed in May.

Schedule

Critical path runs through the startup activities for CTG #600/700/800/900. Other major critical path tasking includes Chiller erection and preparing the site for electrical back feed planned for May 19th and first fire of Unit 700 on May 19th.

The revised schedule was issued and updated during the month.

Priorities/ Issues/ Concerns

The A/G electrical Contractor continued to work on cable pulling and terminations to support back feed for the project and to all areas for pulling and terminations.

Construction & Start Up are currently working an action plan to support needed construction turn over tasking by system that will be coded into the schedule as constrained start dates.

We are still targeting a May 19th Target for electrical back feed.

Integration of the GE Hot Commissioning schedule is being worked by project scheduling to target planned first fire date of May 23rd for Unit 700.

2 Safety

Major Activities and Accomplishments:

- Continued to provide safety training for craft employees

Planned Activities for next month:

- We will continue working on site safety staffing requirements with the subcontractors.
- Continue safety training for craft employees.

Safety Record

See Safety Statistics next page.

4 Summary of Progress and Status

Engineering Progress:

General

Major Activities and Accomplishments:

- Support construction and SU needs

Planned Activities for May 2012:

- Obtain CBO approval on all remaining drawings and calculations.
- Continue O&M manual assembly
- Support construction and SU needs

Electrical

Major Activities and Accomplishments:

- Continue PG&E and CAISO coordination

Planned Activities for April 2012:

- Continue PG&E and CAISO coordination
- Respond to RFI

Areas of Concern

- None

Procurement Status

Current Month Major Activities

- Issued Equipment Inquiry Packages for: None, all major packages have been released and issued
- Received Equipment Bids for: None, all major package proposals have been received
- Awarded Equipment Purchase Orders for: None
- Issued Subcontract Bid Packages for: None
- Received revised Subcontract Proposal for: None
- Awarded Subcontracts for: Performance Testing, Painting & Coating, Chiller Start-Up Support, Equipment & Pipe Insulation and Emission Compliance Testing

Construction and Safety:

Major Activities and Accomplishments:

- Complete cable tray and conduit units 900
- Complete vendor supplied piping all 4 chiller units
- Completed all chilled water piping
- Complete hydro of all 4 chillers
- Flush fire line
- Final fire alarm inspection
- Commissioned fire protection
- Completed SB AG piping at fuel gas area
- Completed AG piping at chiller area
- Completed PW equipment
- Completed all conduit, wire pulls, testing, and terming of all units
- Completed air compressor shed
- Completed all AG piping
- Complete grouting of units 600-900 accessory equipment
- Complete switch yard fencing and grounding
- Complete FG yard
- First fire Units 700 and 800

Planned Activities for next month:

- Excavating to support site activities
- Complete storm water system
- Complete warehouse
- Complete communication wiring
- Complete security system
- Complete site fencing
- Backfeed
- Complete electrical construction
- Final site work
- Working on paint
- Working on insulation
- Working on Heat trace
- First fire Units 600 and 900

Labor Relations:

- A meeting held during the month to discuss craft jurisdictions.

Subcontracts:

- None

Startup and Commissioning:

- Issued Final Back feed Procedure 4-12-12
- Startup revising Electrical drawings as required to show as built and re-engineered electrical work
- Identified and completed temporary power requirements to commence system commissioning prior to Backfeed of permanent power.
- Additional Temp diesel Gen onsite April 27 to support Backfeed and Pre-commissioning activities. Temp diesel power on all PCM's and PDC for Commissioning purposes.
- Working with GE to pre commission all units
- Working on Loop checks of GE equipment and BOP systems
- Completed commissioning PA-0-1. System in normal service.
- Continue to commission and work on systems as available.
- Continued walkdowns for system T/O
- Review of CEC requirements ongoing. Addressing commissioning required submittals. All submittals required by Startup for April 2012 complete.
- Working with GE to confirm documentation requirements for IWP's (Complete for all units) , CWP's (ongoing during pre-commissioning phase)
- Assist Construction to work toward completion as required
- Continue to develop plans and/or ideas to help progress the project as safely and efficiently as possible.
- Completed rework, checkout, and testing of all HV electrical components and systems required for BF.
- Completed checkout of PCM's and powered up MCC's for CT checkouts.
- On site meeting with PG&E on 10April12 to status progress and PG&E requirements for initial energization.
- Finalized / issued sub contracts for thermal perf testing and emissions source testing.
- On site meeting with Thermal Perf Testing Group (McHale and Assoc) 25 April12.

5 Priorities/ Issues/ Concerns

Pending Change Status

Change Order Status

The delay in full site access was issued and responded to comments. MEL issued a change order for the first 16 day delay and proposed an offer for the delay from July 2nd to 17th. LGC accepted the offer.

The heater sizing for the anti-icing heater was issued and responded to comments. Further review is ongoing.

A change order request for the delay in water delivery to the site per EPC Contract Article 5.1.4 c was issued to DGC during the month and is under discussion.

Priorities/ Issues/ Concerns

Claim Status

No issues at this time.

6 Engineering Deliverables

Master Document List

Engineering Document Index with CBO review status

The lists are attached at the end of the report.

7 Procurement Reports

Procurement Status Reports

The reports are included at the end of the report.

8 Quality Assurance/ Quality Control

Quality Assurance

Engineering

- No activity

Procurement

- No activity

Supplier Shop Inspections

- No activity

Construction

Quality Assurance activities included continuing inspection of AG electrical installation, pre-pour inspections and monitor civil activities.

- Monitor and inspection of AG electrical installation
- Monitor of foundation preparation and placement
- Monitor grading, fill and backfill activities
- Management of Materials Testing contract
- Monitor of compaction, grout and concrete testing
- Review and posting of Signet reports
- Interface with CBO and client
- Posting of Inspection Request
- Review of CBO Inspection Reports
- Review of drawings and revisions
- Review of Sub-Contractor submittals
- Review of subcontractor TOPs
- Monitor inspection of structural bolting
- Field drawing audit of sub-contractor
- Monitor of Hydrostatic and Pneumatic testing of piping systems
- Review of vendor MDRs

Next Month Planned Major Activities

Review of subcontractor turnover packages

Upcoming Inspections and Testing

Soils compaction

Grout testing

Hilti anchor bolt placement

CBC required building inspections

Inspection of structural bolting

Nonconformance Report Log

NCR-001-MultiMedia Filter Skid pipe welding not in accordance with ASME B31.1 as per specification-Completed

NCR-002-Chiller pipe welding not in accordance with ASME B31.1 as per specification-Completed

NCR-003-Chiller insulation unacceptable due to multiple issues

9 Project Schedule

Schedule Overview

The Level 3 re-baseline schedule was issued during the month.

Critical Path Analysis

Progressing was completed on engineering, procurement and construction tasking.

Critical Path Analysis:

Engineering:

1. Finalizing Back Feed Document Requirements for PG&E

Procurement: None

Subcontracts:

1. Electrical/I&C Subcontract
2. Mechanical/Centerline Subcontract

Construction:

1. AG Electrical Work
2. Building Erection

Startup:

1. Preparation for Back Feed
2. CTG Commissioning

11 Progress Measurement

Engineering (Percent Complete) and Manpower

The overall engineering percent complete is 100% not counting as-built drawings and can be broken down by discipline as follows:

Architectural	100%
Civil	100%
Electrical	100%
General Arrangements	100%
Instrument & Controls	100%
Mechanical	100%
Piping	100%
Structural	100%
Transmission & Distribution	100%

The overall engineering progress curves are on the following sheets. The following graph also indicates the overall engineering manpower status based on full time equivalents.

Procurement (Percent Complete)

The current procurement percent complete is 98%.

Construction (Percent Complete)

The current construction percent complete is 93%

Overall (Percent Complete)

The current overall percent complete is 93.3%

15 Progress Photographs

Aerial Site View 1

Aerial Site View 2

Aerial View 3

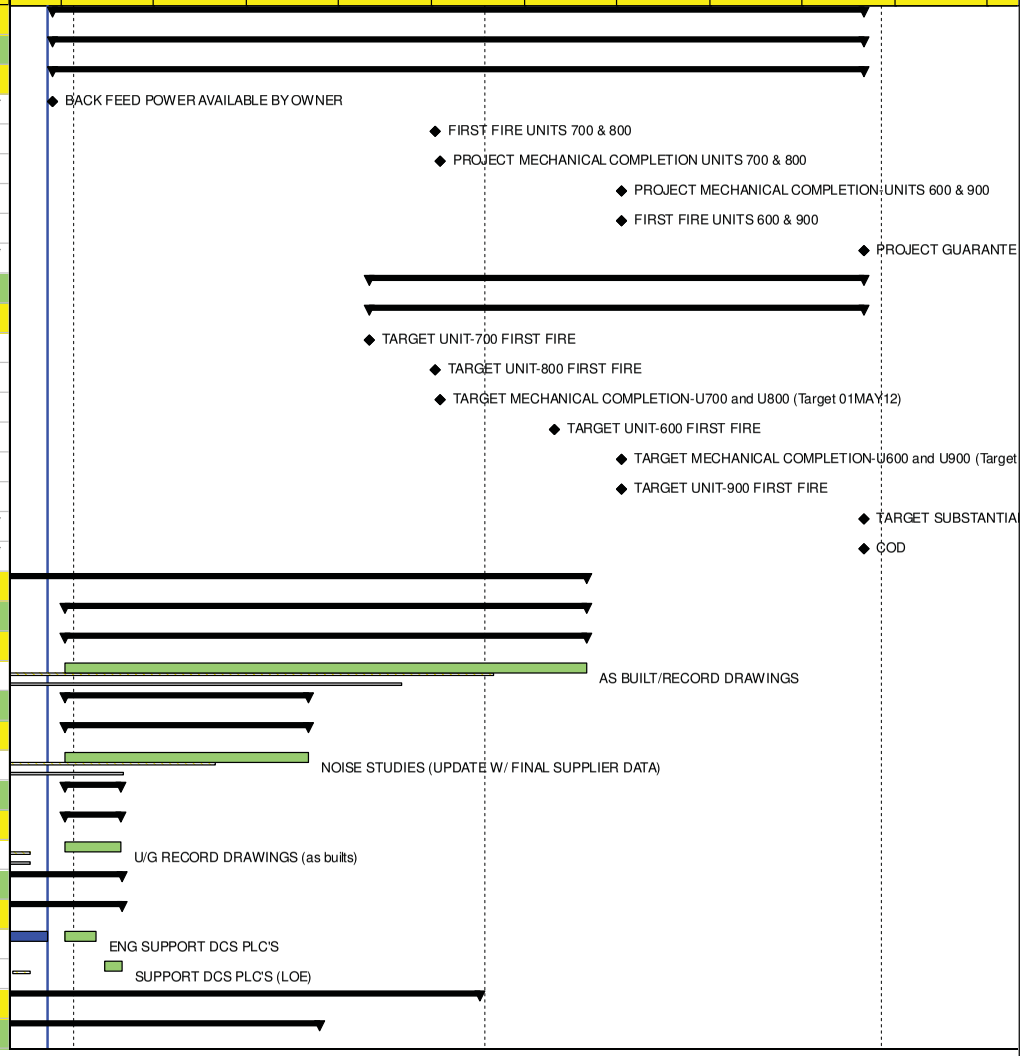
Aerial View 4

Exhibit 2
Project Summary Schedule

LG Schedule

MARIPOSA ENERGY PROJECT (Current) | SMK Barchart Layout | 04-May-12 07:31

Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
MILESTONES		62	62		29-Apr-12	29-Jun-12
CONTRACT MILESTONES		62	62		29-Apr-12	29-Jun-12
No 415059-MEP-WBS3		62	62		29-Apr-12	29-Jun-12
MS1080	BACK FEED POWER AVAILABLE BY OWNER	0	0	0%		29-Apr-12*
MS1091C2	FIRST FIRE UNITS 700 & 800	0	0	0%		28-May-12
MS1091B	PROJECT MECHANICAL COMPLETION UNITS 700 & 800	0	0	0%		28-May-12
MS1091D	PROJECT MECHANICAL COMPLETION-UNITS 600 & 900	0	0	0%		11-Jun-12
MS1091C4	FIRST FIRE UNITS 600 & 900	0	0	0%		11-Jun-12
MS1091C	PROJECT GUARANTEED SUBSTANTIAL COMPLETION	0	0	0%		29-Jun-12*
MAJOR PROJECT MILESTONES		38	38		23-May-12	29-Jun-12
No 415059-MEP-WBS3		38	38		23-May-12	29-Jun-12
MS1105	TARGET UNIT-700 FIRST FIRE	0	0	0%		23-May-12
MS1110	TARGET UNIT-800 FIRST FIRE	0	0	0%		28-May-12
MS1090A	TARGET MECHANICAL COMPLETION-U700 and U800 (Target 01MAY12)	0	0	0%		28-May-12
MS1100	TARGET UNIT-600 FIRST FIRE	0	0	0%		06-Jun-12
MS1090B	TARGET MECHANICAL COMPLETION-U600 and U900 (Target 15MAY12)	0	0	0%		11-Jun-12
MS1115	TARGET UNIT-900 FIRST FIRE	0	0	0%		11-Jun-12
MS1090C	TARGET SUBSTANTIAL COMPLETION Target (29JUN12)	0	0	0%		29-Jun-12*
MS1104	COD	0	0	0%		29-Jun-12*
ENGINEERING		82	30		16-Feb-12 A	08-Jun-12
STRUCTURAL		30	30		30-Apr-12	08-Jun-12
STEEL 3D MODELNG		30	30		30-Apr-12	08-Jun-12
EPST210992	AS BUILT/RECORD DRAWINGS	30	30	0%	30-Apr-12	08-Jun-12
MECHANICAL		15	15		30-Apr-12	18-May-12
No 415059-MEP-WBS3		15	15		30-Apr-12	18-May-12
EPM500384	NOISE STUDIES (UPDATE W/ FINAL SUPPLIER DATA)	15	15	0%	30-Apr-12	18-May-12
PIPING		5	5		30-Apr-12	04-May-12
U/G PIPE RECORD DRAWINGS		5	5		30-Apr-12	04-May-12
EPPD960	U/G RECORD DRAWINGS (as builts)	5	5	0%	30-Apr-12	04-May-12
INSTRUMENTS & CONTROLS		57	5		16-Feb-12 A	04-May-12
DCS PLC'S / SCADA		57	5		16-Feb-12 A	04-May-12
EPM500240	ENG SUPPORT DCS PLC'S	3	3	0%	16-Feb-12 A	02-May-12
EPM500250	SUPPORT DCS PLC'S (LOE)	2	2	0%	03-May-12	04-May-12
CONSTRUCTION		105	24		30-Dec-11 A	31-May-12
BOP-SITE WORK		151	22		30-Dec-11 A	19-May-12



Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
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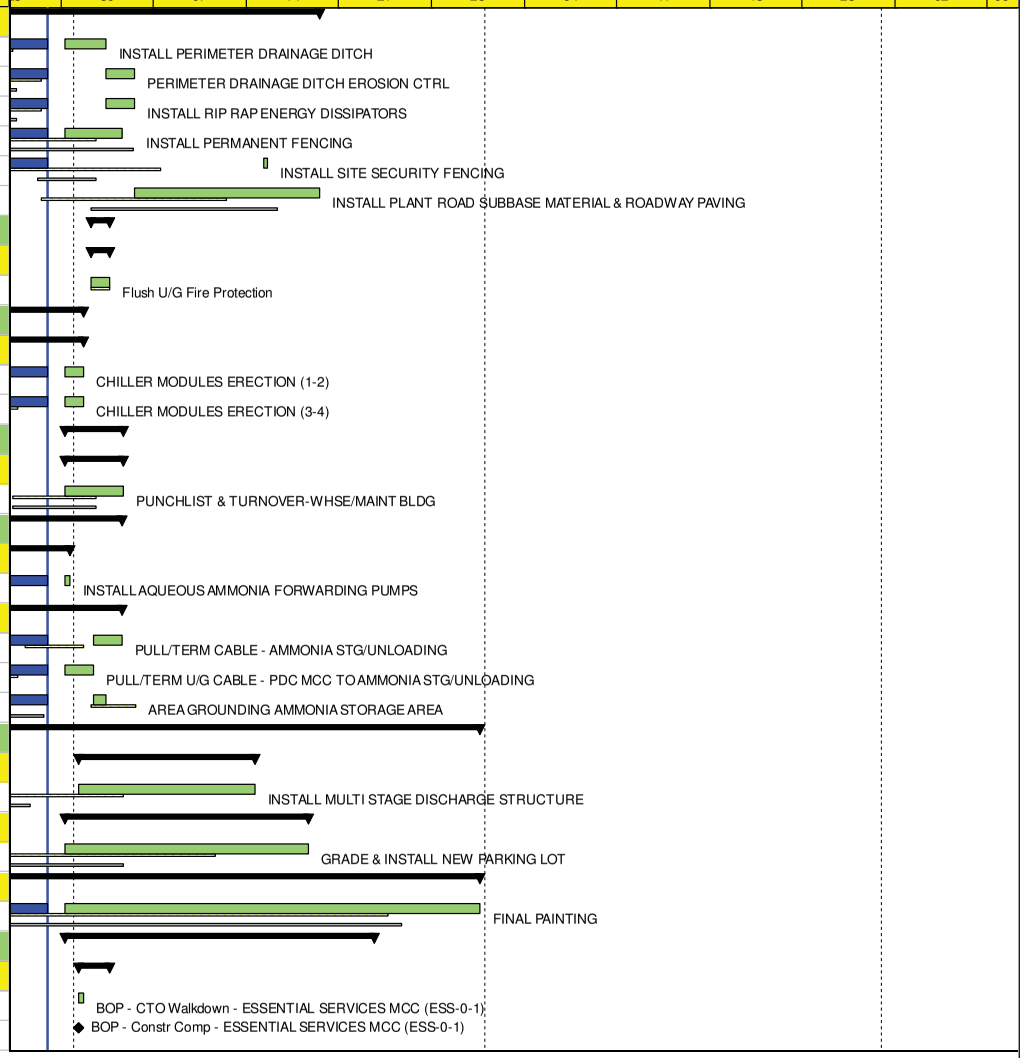
Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
4200 - 001 SITE WORK (Teichert Construction)		151	22		30-Dec-11 A	19-May-12
CS0SIT156	INSTALL PERIMETER DRAINAGE DITCH	31	4	87.1%	30-Dec-11 A	03-May-12
CS0SIT158	PERIMETER DRAINAGE DITCH EROSION CTRL	5	3	40%	13-Feb-12 A	05-May-12
CS0SIT164	INSTALL RIP RAP ENERGY DISSIPATORS	4	3	25%	18-Feb-12 A	05-May-12
CS0SIT170	INSTALL PERMANENT FENCING	29	6	9.31%	23-Mar-12 A	04-May-12
CS0SIT166	INSTALL SITE SECURITY FENCING	5	1	80%	19-Apr-12 A	15-May-12
CS0SIT168	INSTALL PLANT ROAD SUBBASE MATERIAL & ROADWAY PAVING	15	15	0%	05-May-12	19-May-12
BOP-UG		2	2		02-May-12	03-May-12
4400 - 001 U/G PIPING SYSTEMS (INCL FIRE WATER) AZCO INC		2	2		02-May-12	03-May-12
CS0UGPIPE74	Flush U/G Fire Protection	2	2	0%	02-May-12*	03-May-12
BOP-CHILLER AREA		50	2		10-Feb-12 A	01-May-12
4300 - 004 BOP EQUIPMENT INSTALLATION		50	2		10-Feb-12 A	01-May-12
CS0CT1021	CHILLER MODULES ERECTION (1-2)	50	2	96%	10-Feb-12 A	01-May-12
CS0CT1031	CHILLER MODULES ERECTION (3-4)	35	2	4.29%	20-Feb-12 A	01-May-12
BOP-WAREHOUSE/MAINT BLDG		5	5		30-Apr-12	04-May-12
4200 - 014 PRE-ENGINEERED METAL BUILDINGS		5	5		30-Apr-12	04-May-12
CS0WHSE24	PUNCHLIST & TURNOVER-WHSE/MAINT BLDG	5	5	0%	30-Apr-12	04-May-12
BOP-AMMONIA STORAGE/UNLOADING		36	5		16-Mar-12 A	04-May-12
4300 - 004 BOP EQUIPMENT INSTALLATION		2	1		16-Mar-12 A	30-Apr-12
CS0AMM1058	INSTALL AQUEOUS AMMONIA FORWARDING PUMPS	2	1	50%	16-Mar-12 A	30-Apr-12
Cable Pulls & Terminations		15	6		23-Apr-12 A	04-May-12
CS0AMM1040	PULL/TERM CABLE - AMMONIA STG/UNLOADING	5	3	40%	23-Apr-12 A	04-May-12
CS0AMM1066	PULL/TERM U/G CABLE - PDC MCC TO AMMONIA STG/UNLOADING	5	3	40%	23-Apr-12 A	02-May-12
CSAMM1250	AREA GROUNDING AMMONIA STORAGE AREA	5	1	80%	26-Apr-12 A	03-May-12
BOP-MISC		25	24		20-Apr-12 A	31-May-12
4200 - 001 SITE WORK (Teichert Construction)		10	10		01-May-12	14-May-12
CS81925	INSTALL MULTI STAGE DISCHARGE STRUCTURE	10	10	0%	01-May-12*	14-May-12
FINAL SITEWORK		15	15		30-Apr-12	18-May-12
CS081485	GRADE & INSTALL NEW PARKING LOT	15	15	0%	30-Apr-12*	18-May-12
4200 - 018 PAINTIING AND COATING SYSTEMS		25	24		20-Apr-12 A	31-May-12
CS013510	FINAL PAINTING	25	24	4%	20-Apr-12 A	31-May-12
CONSTRUCTION TURN OVER		18	18		30-Apr-12	23-May-12
10 ESSENTIAL SERVICES MCC - [ESS-0-1]		3	3		01-May-12	03-May-12
CS0CTO3089	BOP - CTO Walkdown - ESSENTIAL SERVICES MCC (ESS-0-1)	1	1	0%	01-May-12	01-May-12
CS0CTO3087	BOP - Constr Comp - ESSENTIAL SERVICES MCC (ESS-0-1)	0	0	0%	01-May-12	



Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
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Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0CTO3091	BOP - CTO Critical Punchlist Items - ESSENTIAL SERVICES MCC (ESS-0-1)	2	2	0%	02-May-12	03-May-12
24 ADMINISTRATION BLDG - BLD-0-1		2	2		30-Apr-12	01-May-12
CS0CTO3595	BOP - CTO Critical Punchlist Items - ADMINISTRATION BLDG (BLD-0-1)	2	2	0%	30-Apr-12	01-May-12
34 UNIT 600 TURBINE CONTROLS [CCS-6-1]		3	3		30-Apr-12	02-May-12
CS0CTO3861	600 - CTO Walkdown - UNIT 600 TURBINE CONTROLS [CCS-6-1]	1	1	0%	30-Apr-12	30-Apr-12
CS0CTO3859	600 - Constr Comp - UNIT 600 TURBINE CONTROLS [CCS-6-1]	0	0	0%	30-Apr-12	
CS0CTO3863	600 - CTO Critical Punchlist Items - UNIT 600 TURBINE CONTROLS [CCS-6-1]	2	2	0%	01-May-12	02-May-12
37 UNIT 900 TURBINE CONTROLS [CCS-9-1]		2	2		30-Apr-12	01-May-12
CS0CTO3881	900 - CTO Critical Punchlist Items - UNIT 900 TURBINE CONTROLS [CCS-9-1]	2	2	0%	30-Apr-12	01-May-12
41 CTG #900 INLET AIR - [CAI-9-1]		2	2		30-Apr-12	01-May-12
CS0CTO3255	900 - CTO Critical Punchlist Items - UNIT #900 INLET AIR (CAI-9-1)	2	2	0%	30-Apr-12	01-May-12
45 CTG #900 COMBUSTION TURBINE - [CTG-9-1]		2	2		30-Apr-12	01-May-12
CS0CTO3475	900 - CTO Critical Punchlist Items - UNIT #900 COMBUSTION TURBINE (CTG-9-1)	2	2	0%	30-Apr-12	01-May-12
49 UNIT 900 WASTE WATER [WW-9-1]		2	2		30-Apr-12	01-May-12
CS0CTO3905	900 - CTO Critical Punchlist Items - UNIT #900 WASTE WATER (WW-9-1)	2	2	0%	30-Apr-12	01-May-12
53 CTG #900 GENERATOR and EXCITATION - [GEN-9-1]		2	2		01-May-12	02-May-12
CS0CTO3485	900 - CTO Critical Punchlist Items - UNIT #900 GENERATOR AND EXCITATION (GEN-9-1)	2	2	0%	01-May-12	02-May-12
57 CTG #900 COMBUSTION TURBINE EXHAUST - [CEG-9-1]		2	2		30-Apr-12	01-May-12
CS0CTO3515	900 - CTO Critical Punchlist Items - UNIT #900 COMBUSTION TURBINE EXHAUST (CEG-9-1)	2	2	0%	30-Apr-12	01-May-12
61 CTG #900 CO2 FIRE PROTECTION SYSTEM - [CFP-9-1]		2	2		30-Apr-12	01-May-12
CS0CTO3525	900 - CTO Critical Punchlist Items - UNIT #900 CO2 FIRE PROTECTION SYSTEM (CFP-9-1)	2	2	0%	30-Apr-12	01-May-12
65 CTG #900 LUBE OIL - [CLO-9-1]		2	2		01-May-12	02-May-12
CS0SCTO3565	900 - Constr Comp Punchlist Items - UNIT #900 LUBE OIL (CLO-9-1)	2	2	0%	01-May-12	02-May-12
69 CTG #900 FUEL GAS - [CFG-9-1]		2	2		30-Apr-12	01-May-12
CS0CTO3535	900 - CTO Critical Punchlist Items - UNIT #900 FUEL GAS (CFG-9-1)	2	2	0%	30-Apr-12	01-May-12
73 CTG #900 CT WATER INJECTION [CWI-9-1]		2	2		30-Apr-12	01-May-12
CS0CTO3827	900 - CTO Critical Punchlist Items - UNIT #900 WATER INJECTION (CWI-9-1)	2	2	0%	30-Apr-12	01-May-12
77 CTG #900 SPRINT WATER [PAG-9-1]		2	2		30-Apr-12	01-May-12
CS0CTO3833	900 - CTO Critical Punchlist Items - UNIT #900 SPRINT WATER (PAG-9-1)	2	2	0%	30-Apr-12	01-May-12
81 CTG # 900 WATER WASH - [CWW-9-1]		2	2		30-Apr-12	01-May-12
CS0CTO3929	900 - CTO Critical Punchlist Items - UNIT #900 WATER WASH (CWW-9-1)	2	2	0%	30-Apr-12	01-May-12
31 FUEL GAS SUPPLY - [FGS-0-1]		2	2		30-Apr-12	01-May-12
CS0CTO3355	BOP - CTO Critical Punchlist Items - FUEL GAS SUPPLY (FGS-0-1)	2	2	0%	30-Apr-12	01-May-12
32 FUEL GAS COMPRESSOR(S) - [FGC-0-1]		3	3		30-Apr-12	02-May-12
CS0CTO3363	BOP - CTO Walkdown - FUEL GAS COMPRESSORS (FGC-0-1)	1	1	0%	30-Apr-12	30-Apr-12

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Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0CTO3361	BOP - Constr Comp - FUEL GAS COMPRESSORS (FGC-0-1)	0	0	0%	30-Apr-12*	
CS0CTO3365	BOP - CTO Critical Punchlist Items - FUEL GAS COMPRESSORS (FGC-0-1)	2	2	0%	01-May-12	02-May-12
33 CHILLED WATER - [CHW-0-1]		3	3		02-May-12	04-May-12
CS0CTO3323	BOP - CTO Walkdown - CHILLED WATER (CHW-0-1)	1	1	0%	02-May-12	02-May-12
CS0CTO3321	BOP - Constr Comp - CHILLED WATER (CHW-0-1)	0	0	0%	02-May-12	
CS0CTO3325	BOP - CTO Critical Punchlist Items - CHILLED WATER (CHW-0-1)	2	2	0%	03-May-12	04-May-12
82 AQUEOUS AMMONIA and STORAGE DISTRIBUTION - [AMM-0-1]		3	3		04-May-12	09-May-12
CS0CTO3653	BOP - CTO Walkdown - AQUEOUS AMMONIA AND STORAGE DIST (AMM-0-1)	1	1	0%	04-May-12	07-May-12
CS0CTO3651	BOP - Constr Comp - AQUEOUS AMMONIA AND STORAGE DIST (AMM-0-1)	0	0	0%	04-May-12	
CS0CTO3655	BOP - CTO Critical Punchlist Items - AQUEOUS AMMONIA AND STORAGE DIST (AMM-0-1)	2	2	0%	07-May-12	09-May-12
86 ECM #900 EMISSIONS CONTROL MODULE (INCLUDES SCR) - [ECM-9-1]		2	2		30-Apr-12	01-May-12
CS0CTO3575	900 - CTO Critical Punchlist Items - UNIT #900 EC MODULE (INCLUDES ECM) (ECM-9-1)	2	2	0%	30-Apr-12	01-May-12
90 UNIT #900 CONTINUOUS EMISSIONS MONITORING - [CEMS-9-1]		2	2		30-Apr-12	01-May-12
CS0CTO3635	900 - CTO Critical Punchlist Items - UNIT #900 CE MONITORING (CEMS-9-1)	2	2	0%	30-Apr-12	01-May-12
91 FIRE-ALARM (FAS-01)		3	3		30-Apr-12	02-May-12
CS0CTO3643	BOP - CTO Walkdown - FIRE ALARM (FAS-0-1)	1	1	0%	30-Apr-12	30-Apr-12
CS0CTO3641	BOP - Constr Comp - FIRE ALARM (FAS-0-1)	0	0	0%	30-Apr-12	
CS0CTO3645	BOP - CTO Critical Punchlist Items - FIRE ALARM (FAS-0-1)	2	2	0%	01-May-12	02-May-12
92 MAINT /WHSE BLDG (BLD-0-2)		3	3		07-May-12	09-May-12
CS0CTO3603	BOP - CTO Walkdown - MAINTENANCE / WAREHOUSE BLDG (BLD-0-2)	1	1	0%	07-May-12	07-May-12
CS0CTO3601	BOP - Constr Comp - MAINTENANCE / WAREHOUSE BLDG (BLD-0-2)	0	0	0%	07-May-12	
CS0CTO3605	BOP - CTO Critical Punchlist Items - MAINTENANCE / WAREHOUSE BLDG (BLD-0-2)	2	2	0%	08-May-12	09-May-12
93 SITE & GROUNDS		3	3		21-May-12	23-May-12
CS0CTO3707	BOP - CTO Walkdown -SITE AND GROUNDS (SIT-0-1)	1	1	0%	21-May-12	21-May-12
CS0CTO3705	BOP - Constr Comp -SITE AND GROUNDS (SIT-0-1)	0	0	0%	21-May-12	
CS0CTO3709	BOP - CTO Critical Punchlist Items -SITE AND GROUNDS (SIT-0-1)	2	2	0%	22-May-12	23-May-12
94 FREEZE PROT & HEAT TRACE		3	3		02-May-12	04-May-12
CS0CTO3717	BOP - CTO Walkdown - FREEZE PROTECTION AND HEAT TRACE (HT-0-1)	1	1	0%	02-May-12	02-May-12
CS0CTO3715	BOP - Constr Comp - FREEZE PROTECTION AND HEAT TRACE (HT-0-1)	0	0	0%	02-May-12	
CS0CTO3719	BOP - CTO Critical Punchlist Items - FREEZE PROTECTION AND HEAT TRACE (HT-0-1)	2	2	0%	03-May-12	04-May-12
95 CATHODIC PROTECTION		3	3		02-May-12	04-May-12
CS0SUS3727	CTO Walkdown - CATHODIC PROTECTION (CTH-0-1)	1	1	0%	02-May-12	02-May-12
CS0CTO3725	BOP - Constr Comp - CATHODIC PROTECTION (CTH-0-1)	0	0	0%	02-May-12	
CS0CTO3729	BOP - CTO Critical Punchlist Items - CATHODIC PROTECTION (CTH-0-1)	2	2	0%	03-May-12	04-May-12
96 COMMUNICATIONS / SECURITY		3	3		21-May-12	23-May-12

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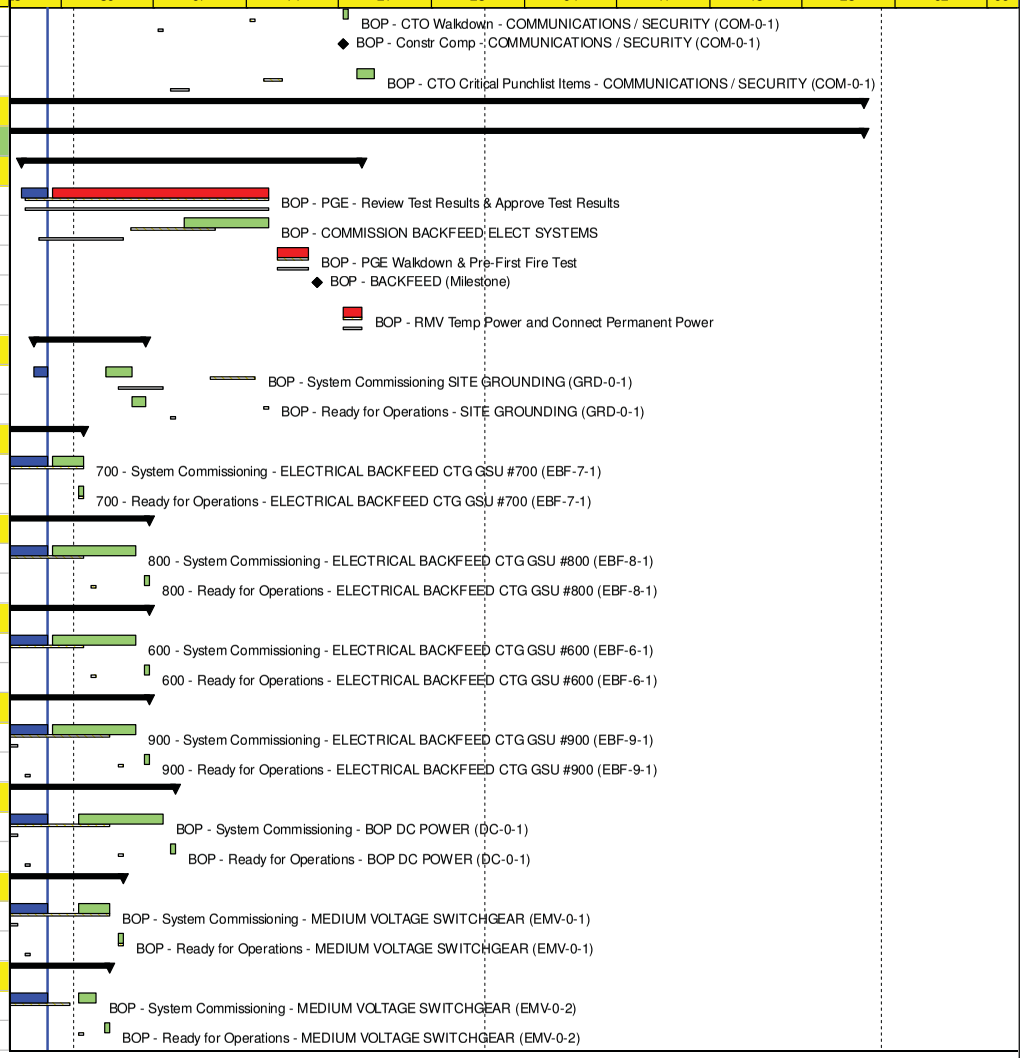
Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0CTO3737	BOP - CTO Walkdown - COMMUNICATIONS / SECURITY (COM-0-1)	1	1	0%	21-May-12	21-May-12
CS0CTO3735	BOP - Constr Comp - COMMUNICATIONS / SECURITY (COM-0-1)	0	0	0%	21-May-12	
CS0CTO3739	BOP - CTO Critical Punchlist Items - COMMUNICATIONS / SECURITY (COM-0-1)	2	2	0%	22-May-12	23-May-12
STARTUP		67	45		11-Apr-12 A	29-Jun-12
PLANT COMMISSIONING/STARTUP		67	45		11-Apr-12 A	29-Jun-12
COMMISSION FOR BKFD		24	24		27-Apr-12 A	22-May-12
EPE1002029	BOP - PGE - Review Test Results & Approve Test Results	19	17	0.53%	27-Apr-12 A	15-May-12
CS0SUS3157	BOP - COMMISSION BACKFEED ELECT SYSTEMS	7	7	0%	09-May-12	15-May-12
CS0SUS3161	BOP - PGE Walkdown & Pre-First Fire Test	3	3	0%	16-May-12	18-May-12
CS0SUS3159	BOP - BACKFEED (Milestone)	0	0	0%	19-May-12	
CS0SUS3987	BOP - RMV Temp Power and Connect Permanent Power	2	2	0%	21-May-12	22-May-12
3 SITE GROUNDING - [GRD-0-1]		4	3		28-Apr-12 A	06-May-12
CS0SUS3023	BOP - System Commissioning SITE GROUNDING (GRD-0-1)	4	2	50%	28-Apr-12 A	05-May-12
CS0SUS3025	BOP - Ready for Operations - SITE GROUNDING (GRD-0-1)	1	1	0%	05-May-12	06-May-12
4 ELECTRICAL FOR BACKFEED OF CTG # 700 - [EBF-7-1]		34	3		11-Apr-12 A	01-May-12
CS0SUS3053	700 - System Commissioning - ELECTRICAL BACKFEED CTG GSU #700 (EBF-7-1)	10	3	70%	11-Apr-12 A	01-May-12
CS0SUS3055	700 - Ready for Operations - ELECTRICAL BACKFEED CTG GSU #700 (EBF-7-1)	1	1	0%	01-May-12	01-May-12
5 ELECTRICAL FOR BACKFEED OF CTG # 800 - [EBF-8-1]		39	8		12-Apr-12 A	06-May-12
CS0SUS3063	800 - System Commissioning - ELECTRICAL BACKFEED CTG GSU #800 (EBF-8-1)	10	7	30%	12-Apr-12 A	05-May-12
CS0SUS3065	800 - Ready for Operations - ELECTRICAL BACKFEED CTG GSU #800 (EBF-8-1)	1	1	0%	06-May-12	06-May-12
6 ELECTRICAL FOR BACKFEED OF CTG # 600 - [EBF-6-1]		39	8		12-Apr-12 A	06-May-12
CS0SUS3033	600 - System Commissioning - ELECTRICAL BACKFEED CTG GSU #600 (EBF-6-1)	10	7	30%	12-Apr-12 A	05-May-12
CS0SUS3035	600 - Ready for Operations - ELECTRICAL BACKFEED CTG GSU #600 (EBF-6-1)	1	1	0%	06-May-12	06-May-12
7 ELECTRICAL FOR BACKFEED OF CTG # 900 - [EBF-9-1]		39	8		12-Apr-12 A	06-May-12
CS0SUS3043	900 - System Commissioning - ELECTRICAL BACKFEED CTG GSU #900 (EBF-9-1)	10	7	30%	12-Apr-12 A	05-May-12
CS0SUS3045	900 - Ready for Operations - ELECTRICAL BACKFEED CTG GSU #900 (EBF-9-1)	1	1	0%	06-May-12	06-May-12
8 BOP DC POWER - (DC-0-1)		29	8		12-Apr-12 A	08-May-12
CS0SUS3073	BOP - System Commissioning - BOP DC POWER (DC-0-1)	10	7	30%	12-Apr-12 A	07-May-12
CS0SUS3075	BOP - Ready for Operations - BOP DC POWER (DC-0-1)	1	1	0%	08-May-12	08-May-12
9 MEDIUM VOLTAGE SWITCHGEAR - [EMV-0-1]		31	4		12-Apr-12 A	04-May-12
CS0SUS3083	BOP - System Commissioning - MEDIUM VOLTAGE SWITCHGEAR (EMV-0-1)	10	3	70%	12-Apr-12 A	03-May-12
CS0SUS3085	BOP - Ready for Operations - MEDIUM VOLTAGE SWITCHGEAR (EMV-0-1)	1	1	0%	04-May-12	04-May-12
11 MEDIUM VOLTAGE SWITCHGEAR - [EMV-0-2]		35	3		12-Apr-12 A	03-May-12
CS0SUS3103	BOP - System Commissioning - MEDIUM VOLTAGE SWITCHGEAR (EMV-0-2)	7	2	1.43%	12-Apr-12 A	02-May-12
CS0SUS3105	BOP - Ready for Operations - MEDIUM VOLTAGE SWITCHGEAR (EMV-0-2)	1	1	0%	03-May-12	03-May-12



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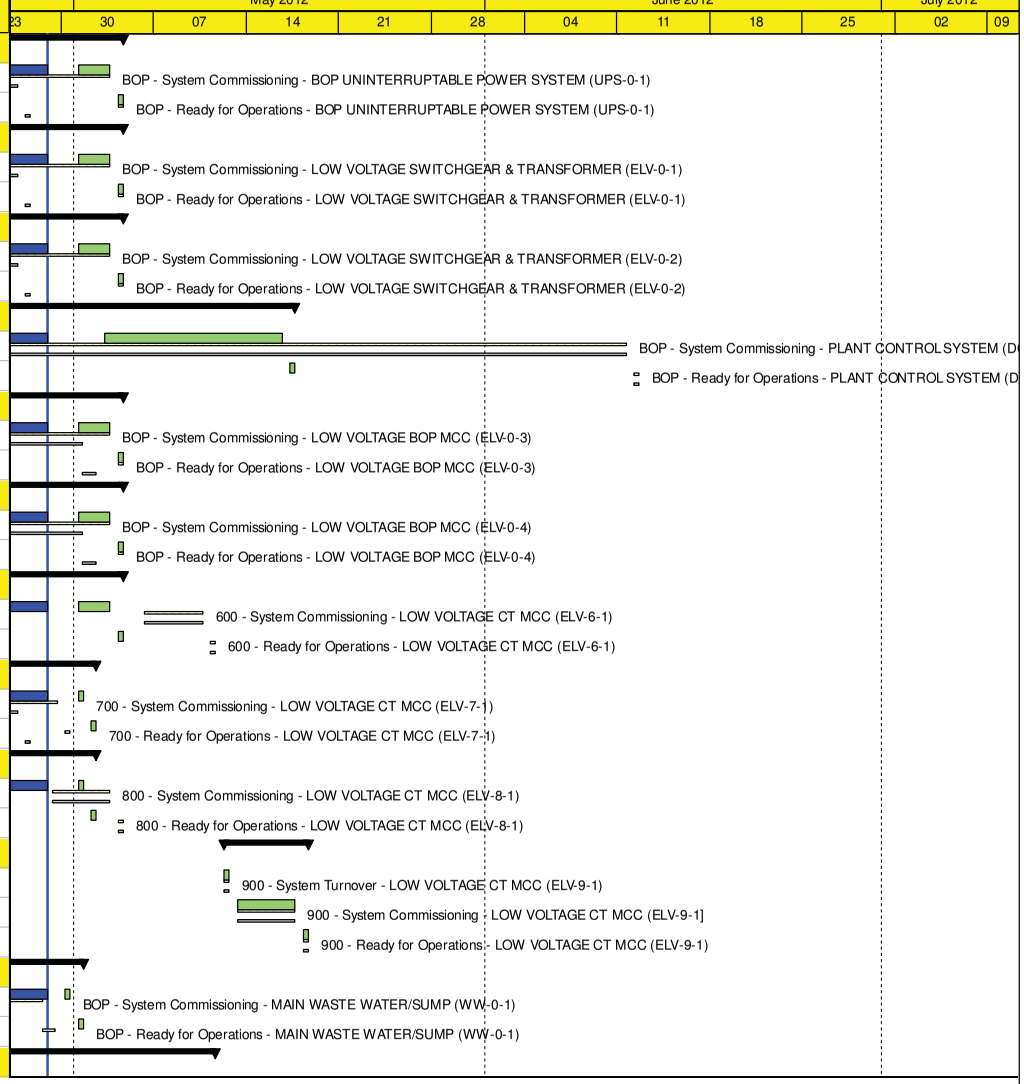
Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
12 BOP UNINTERRUPTABLE POWER SYSTEM - [UPS-0-1]		36	4		12-Apr-12 A	04-May-12
CS0SUS3113	BOP - System Commissioning - BOP UNINTERRUPTABLE POWER SYSTEM (UPS-0-1)	10	3	70%	12-Apr-12 A	03-May-12
CS0SUS3115	BOP - Ready for Operations - BOP UNINTERRUPTABLE POWER SYSTEM (UPS-0-1)	1	1	0%	04-May-12	04-May-12
13 LOW VOLTAGE SWITCHGEAR # and XFORMER - [ELV-0-1]		37	4		12-Apr-12 A	04-May-12
CS0SUS3123	BOP - System Commissioning - LOW VOLTAGE SWITCHGEAR & TRANSFORMER (ELV-0-1)	10	3	70%	12-Apr-12 A	03-May-12
CS0SUS3125	BOP - Ready for Operations - LOW VOLTAGE SWITCHGEAR & TRANSFORMER (ELV-0-1)	1	1	0%	04-May-12	04-May-12
14 LOW VOLTAGE SWITCHGEAR # and XFORMER - [ELV-0-2]		36	4		12-Apr-12 A	04-May-12
CS0SUS3133	BOP - System Commissioning - LOW VOLTAGE SWITCHGEAR & TRANSFORMER (ELV-0-2)	10	3	70%	12-Apr-12 A	03-May-12
CS0SUS3135	BOP - Ready for Operations - LOW VOLTAGE SWITCHGEAR & TRANSFORMER (ELV-0-2)	1	1	0%	04-May-12	04-May-12
21 PLANT CONTROL SYSTEM - [DCS-0-1]		60	15		12-Apr-12 A	17-May-12
CS0SUS3167	BOP - System Commissioning - PLANT CONTROL SYSTEM (DCS-0-1)	60	14	6.67%	12-Apr-12 A	16-May-12
CS0SUS3169	BOP - Ready for Operations - PLANT CONTROL SYSTEM (DCS-0-1)	1	1	0%	17-May-12	17-May-12
15 LOW VOLTAGE BOP MCC - [ELV-0-3]		11	4		12-Apr-12 A	04-May-12
CS0SUS3143	BOP - System Commissioning - LOW VOLTAGE BOP MCC (ELV-0-3)	10	3	70%	12-Apr-12 A	03-May-12
CS0SUS3145	BOP - Ready for Operations - LOW VOLTAGE BOP MCC (ELV-0-3)	1	1	0%	04-May-12	04-May-12
16 LOW VOLTAGE CT MCC - [ELV-0-4]		11	4		12-Apr-12 A	04-May-12
CS0SUS3823	BOP - System Commissioning - LOW VOLTAGE BOP MCC (ELV-0-4)	10	3	70%	12-Apr-12 A	03-May-12
CS0SUS3825	BOP - Ready for Operations - LOW VOLTAGE BOP MCC (ELV-0-4)	1	1	0%	04-May-12	04-May-12
17 LOW VOLTAGE CT MCC 6-01 [ELV-6-1]		7	4		21-Apr-12 A	04-May-12
CS0SUS3877	600 - System Commissioning - LOW VOLTAGE CT MCC (ELV-6-1)	5	3	40%	21-Apr-12 A	03-May-12
CS0SUS3879	600 - Ready for Operations - LOW VOLTAGE CT MCC (ELV-6-1)	1	1	0%	04-May-12	04-May-12
18 LOW VOLTAGE CT MCC 7-01 [ELV-7-1]		5	2		21-Apr-12 A	02-May-12
CS0SUS3883	700 - System Commissioning - LOW VOLTAGE CT MCC (ELV-7-1)	5	1	80%	21-Apr-12 A	01-May-12
CS0SUS3885	700 - Ready for Operations - LOW VOLTAGE CT MCC (ELV-7-1)	1	1	0%	02-May-12	02-May-12
19 LOW VOLTAGE CT MCC 8-01 [ELV-8-1]		5	2		25-Apr-12 A	02-May-12
CS0SUS3889	800 - System Commissioning - LOW VOLTAGE CT MCC (ELV-8-1)	5	1	80%	25-Apr-12 A	01-May-12
CS0SUS3891	800 - Ready for Operations - LOW VOLTAGE CT MCC (ELV-8-1)	1	1	0%	02-May-12	02-May-12
20 LOW VOLTAGE CT MCC 9-01 [ELV-9-1]		7	7		12-May-12	18-May-12
CS0SUS3893	900 - System Turnover - LOW VOLTAGE CT MCC (ELV-9-1)	1	1	0%	12-May-12*	12-May-12
CS0SUS3895	900 - System Commissioning - LOW VOLTAGE CT MCC (ELV-9-1]	5	5	0%	13-May-12	17-May-12
CS0SUS3897	900 - Ready for Operations - LOW VOLTAGE CT MCC (ELV-9-1)	1	1	0%	18-May-12	18-May-12
22 MAIN WASTE WATER / SUMP - [WW-0-1]		3	2		14-Apr-12 A	01-May-12
CS0SUS3177	BOP - System Commissioning - MAIN WASTE WATER/SUMP (WW-0-1)	3	1	6.67%	14-Apr-12 A	30-Apr-12
CS0SUS3179	BOP - Ready for Operations - MAIN WASTE WATER/SUMP (WW-0-1)	1	1	0%	01-May-12	01-May-12
23 BOP FIRE PROTECTION - [FP-0-1]		11	5		14-Apr-12 A	11-May-12



Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
Primary Baseline | Actual Work | Critical Remaining Work | Summary

TASK filter: Status Not Equal to Complete.

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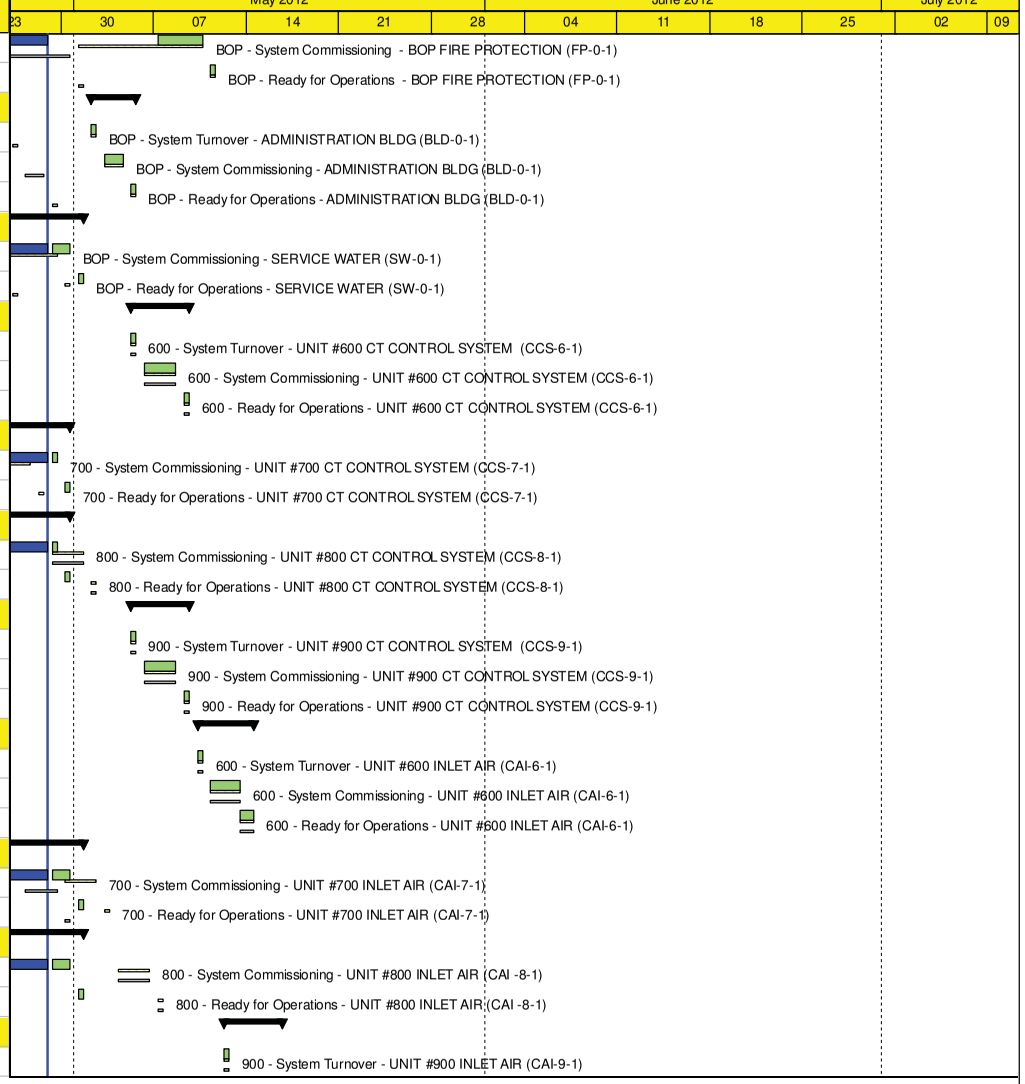
Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0SUS3153	BOP - System Commissioning - BOP FIRE PROTECTION (FP-0-1)	10	4	60%	14-Apr-12 A	10-May-12
CS0SUS3155	BOP - Ready for Operations - BOP FIRE PROTECTION (FP-0-1)	1	1	0%	11-May-12	11-May-12
24 ADMINISTRATION BLDG - BLD-0-1		4	4		02-May-12	05-May-12
CS0SUS3611	BOP - System Turnover - ADMINISTRATION BLDG (BLD-0-1)	1	1	0%	02-May-12	02-May-12
CS0SUS3597	BOP - System Commissioning - ADMINISTRATION BLDG (BLD-0-1)	2	2	0%	03-May-12	04-May-12
CS0SUS3599	BOP - Ready for Operations - ADMINISTRATION BLDG (BLD-0-1)	1	1	0%	05-May-12	05-May-12
26 SERVICE WATER - [SW-0-1]		7	3		19-Apr-12 A	01-May-12
CS0SUS3297	BOP - System Commissioning - SERVICE WATER (SW-0-1)	7	2	1.43%	19-Apr-12 A	30-Apr-12
CS0SUS3299	BOP - Ready for Operations - SERVICE WATER (SW-0-1)	1	1	0%	01-May-12	01-May-12
34 UNIT 600 TURBINE CONTROLS [CCS-6-1]		5	5		05-May-12	09-May-12
CS0SUS3923	600 - System Turnover - UNIT #600 CT CONTROL SYSTEM (CCS-6-1)	1	1	0%	05-May-12*	05-May-12
CS0SUS3925	600 - System Commissioning - UNIT #600 CT CONTROL SYSTEM (CCS-6-1)	3	3	0%	06-May-12	08-May-12
CS0SUS3927	600 - Ready for Operations - UNIT #600 CT CONTROL SYSTEM (CCS-6-1)	1	1	0%	09-May-12	09-May-12
35 UNIT 700 TURBINE CONTROLS [CCS-7-1]		3	2		24-Apr-12 A	30-Apr-12
CS0SUS3931	700 - System Commissioning - UNIT #700 CT CONTROL SYSTEM (CCS-7-1)	3	1	6.67%	24-Apr-12 A	29-Apr-12
CS0SUS3933	700 - Ready for Operations - UNIT #700 CT CONTROL SYSTEM (CCS-7-1)	1	1	0%	30-Apr-12	30-Apr-12
36 UNIT 800 TURBINE CONTROLS [CCS-8-1]		3	2		22-Apr-12 A	30-Apr-12
CS0SUS3937	800 - System Commissioning - UNIT #800 CT CONTROL SYSTEM (CCS-8-1)	3	1	6.67%	22-Apr-12 A	29-Apr-12
CS0SUS3939	800 - Ready for Operations - UNIT #800 CT CONTROL SYSTEM (CCS-8-1)	1	1	0%	30-Apr-12	30-Apr-12
37 UNIT 900 TURBINE CONTROLS [CCS-9-1]		5	5		05-May-12	09-May-12
CS0SUS3941	900 - System Turnover - UNIT #900 CT CONTROL SYSTEM (CCS-9-1)	1	1	0%	05-May-12*	05-May-12
CS0SUS3943	900 - System Commissioning - UNIT #900 CT CONTROL SYSTEM (CCS-9-1)	3	3	0%	06-May-12	08-May-12
CS0SUS3945	900 - Ready for Operations - UNIT #900 CT CONTROL SYSTEM (CCS-9-1)	1	1	0%	09-May-12	09-May-12
38 CTG #600 INLET AIR - [CAI-6-1]		5	5		10-May-12	14-May-12
CS0SUS3261	600 - System Turnover - UNIT #600 INLET AIR (CAI-6-1)	1	1	0%	10-May-12*	10-May-12
CS0SUS3197	600 - System Commissioning - UNIT #600 INLET AIR (CAI-6-1)	3	3	0%	11-May-12	13-May-12
CS0SUS3199	600 - Ready for Operations - UNIT #600 INLET AIR (CAI-6-1)	1	1	0%	13-May-12	14-May-12
39 CTG #700 INLET AIR - [CAI-7-1]		7	3		21-Apr-12 A	01-May-12
CS0SUS3347	700 - System Commissioning - UNIT #700 INLET AIR (CAI-7-1)	3	2	3.33%	21-Apr-12 A	30-Apr-12
CS0SUS3349	700 - Ready for Operations - UNIT #700 INLET AIR (CAI-7-1)	1	1	0%	01-May-12	01-May-12
40 CTG #800 INLET AIR - [CAI-8-1]		7	3		25-Apr-12 A	01-May-12
CS0SUS3497	800 - System Commissioning - UNIT #800 INLET AIR (CAI -8-1)	3	2	3.33%	25-Apr-12 A	30-Apr-12
CS0SUS3499	800 - Ready for Operations - UNIT #800 INLET AIR (CAI -8-1)	1	1	0%	01-May-12	01-May-12
41 CTG #900 INLET AIR - [CAI-9-1]		5	5		12-May-12	16-May-12
CS0SUS3275	900 - System Turnover - UNIT #900 INLET AIR (CAI-9-1)	1	1	0%	12-May-12*	12-May-12



Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
Primary Baseline | Actual Work | Critical Remaining Work | Summary

TASK filter: Status Not Equal to Complete.

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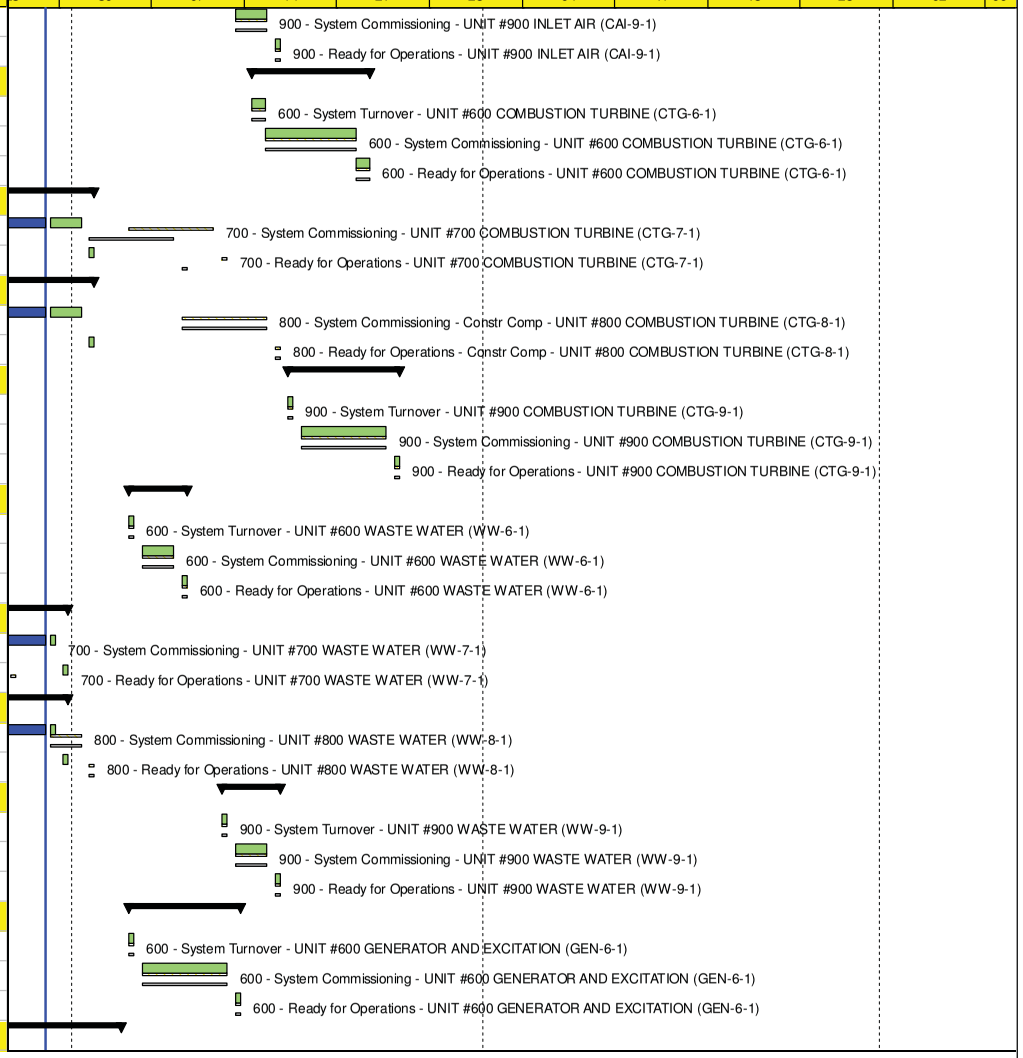
Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0SUS3257	900 - System Commissioning - UNIT #900 INLET AIR (CAI-9-1)	3	3	0%	13-May-12	15-May-12
CS0SUS3259	900 - Ready for Operations - UNIT #900 INLET AIR (CAI-9-1)	1	1	0%	16-May-12	16-May-12
42 CTG #600 COMBUSTION TURBINE - [CTG-6-1]		9	9		14-May-12	23-May-12
CS0SUS3789	600 - System Turnover - UNIT #600 COMBUSTION TURBINE (CTG-6-1)	1	1	0%	14-May-12*	15-May-12
CS0SUS3427	600 - System Commissioning - UNIT #600 COMBUSTION TURBINE (CTG-6-1)	7	7	0%	15-May-12	22-May-12
CS0SUS3429	600 - Ready for Operations - UNIT #600 COMBUSTION TURBINE (CTG-6-1)	1	1	0%	22-May-12	23-May-12
43 CTG #700 COMBUSTION TURBINE - [CTG-7-1]		15	4		21-Apr-12 A	02-May-12
CS0SUS3377	700 - System Commissioning - UNIT #700 COMBUSTION TURBINE (CTG-7-1)	7	3	7.14%	21-Apr-12 A	01-May-12
CS0SUS3379	700 - Ready for Operations - UNIT #700 COMBUSTION TURBINE (CTG-7-1)	1	1	0%	02-May-12	02-May-12
44 CTG #800 COMBUSTION TURBINE - [CTG-8-1]		15	4		22-Apr-12 A	02-May-12
CS0SUS3507	800 - System Commissioning - Constr Comp - UNIT #800 COMBUSTION TURBINE (CTG-8-1)	7	3	7.14%	22-Apr-12 A	01-May-12
CS0SUS3509	800 - Ready for Operations - Constr Comp - UNIT #800 COMBUSTION TURBINE (CTG-8-1)	1	1	0%	02-May-12	02-May-12
45 CTG #900 COMBUSTION TURBINE - [CTG-9-1]		9	9		17-May-12	25-May-12
CS0SUS3491	900 - System Turnover - UNIT #900 COMBUSTION TURBINE (CTG-9-1)	1	1	0%	17-May-12*	17-May-12
CS0SUS3477	900 - System Commissioning - UNIT #900 COMBUSTION TURBINE (CTG-9-1)	7	7	0%	18-May-12	24-May-12
CS0SUS3479	900 - Ready for Operations - UNIT #900 COMBUSTION TURBINE (CTG-9-1)	1	1	0%	25-May-12	25-May-12
46 UNIT 600 WASTE WATER [WW-6-1]		5	5		05-May-12	09-May-12
CS0SUS3899	600 - System Turnover - UNIT #600 WASTE WATER (WW-6-1)	1	1	0%	05-May-12*	05-May-12
CS0SUS3901	600 - System Commissioning - UNIT #600 WASTE WATER (WW-6-1)	3	3	0%	06-May-12	08-May-12
CS0SUS3903	600 - Ready for Operations - UNIT #600 WASTE WATER (WW-6-1)	1	1	0%	09-May-12	09-May-12
47 UNIT 700 WASTE WATER [WW-7-1]		3	2		19-Apr-12 A	30-Apr-12
CS0SUS3907	700 - System Commissioning - UNIT #700 WASTE WATER (WW-7-1)	3	1	6.67%	19-Apr-12 A	29-Apr-12
CS0SUS3909	700 - Ready for Operations - UNIT #700 WASTE WATER (WW-7-1)	1	1	0%	30-Apr-12	30-Apr-12
48 UNIT 800 WASTE WATER [WW-8-1]		3	2		19-Apr-12 A	30-Apr-12
CS0SUS3913	800 - System Commissioning - UNIT #800 WASTE WATER (WW-8-1)	3	1	6.67%	19-Apr-12 A	29-Apr-12
CS0SUS3915	800 - Ready for Operations - UNIT #800 WASTE WATER (WW-8-1)	1	1	0%	30-Apr-12	30-Apr-12
49 UNIT 900 WASTE WATER [WW-9-1]		5	5		12-May-12	16-May-12
CS0SUS3917	900 - System Turnover - UNIT #900 WASTE WATER (WW-9-1)	1	1	0%	12-May-12*	12-May-12
CS0SUS3919	900 - System Commissioning - UNIT #900 WASTE WATER (WW-9-1)	3	3	0%	13-May-12	15-May-12
CS0SUS3921	900 - Ready for Operations - UNIT #900 WASTE WATER (WW-9-1)	1	1	0%	16-May-12	16-May-12
50 CTG #600 GENERATOR and EXCITATION - [GEN-6-1]		9	9		05-May-12	13-May-12
CS0SUS3791	600 - System Turnover - UNIT #600 GENERATOR AND EXCITATION (GEN-6-1)	1	1	0%	05-May-12*	05-May-12
CS0SUS3437	600 - System Commissioning - UNIT #600 GENERATOR AND EXCITATION (GEN-6-1)	7	7	0%	06-May-12	12-May-12
CS0SUS3439	600 - Ready for Operations - UNIT #600 GENERATOR AND EXCITATION (GEN-6-1)	1	1	0%	13-May-12	13-May-12
51 CTG #700 GENERATOR and EXCITATION - [GEN-7-1]		7	4		21-Apr-12 A	04-May-12



Remaining Level of Effort | Primary Baseline | Second Baseline | Actual Work | Remaining Work | Critical Remaining Work | Milestone | Summary

TASK filter: Status Not Equal to Complete.

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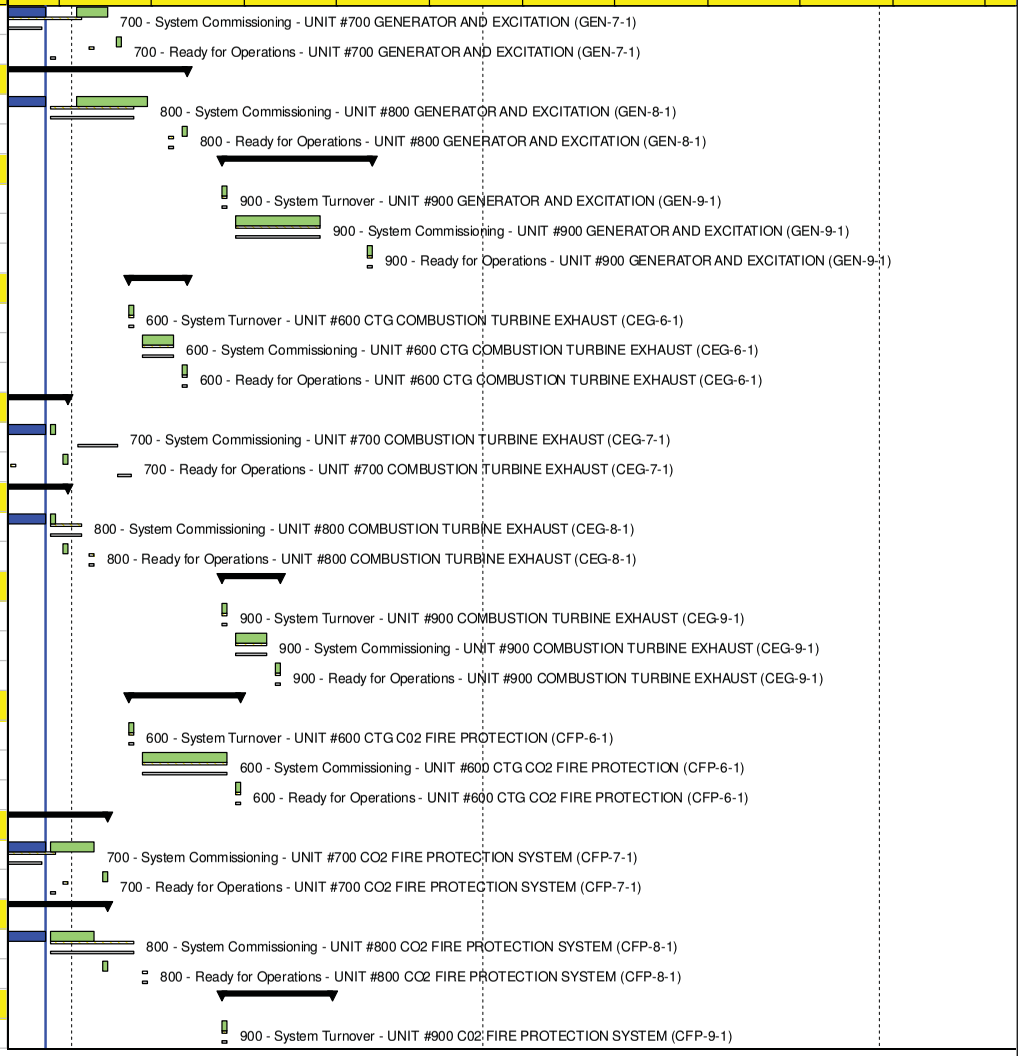
Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0SUS3387	700 - System Commissioning - UNIT #700 GENERATOR AND EXCITATION (GEN-7-1)	7	3	7.14%	21-Apr-12 A	03-May-12
CS0SUS3389	700 - Ready for Operations - UNIT #700 GENERATOR AND EXCITATION (GEN-7-1)	1	1	0%	04-May-12	04-May-12
52 CTG #800 GENERATOR and EXCITATION - [GEN-8-1]		8	9		22-Apr-12 A	09-May-12
CS0SUS3277	800 - System Commissioning - UNIT #800 GENERATOR AND EXCITATION (GEN-8-1)	7	6	4.29%	22-Apr-12 A	06-May-12
CS0SUS3279	800 - Ready for Operations - UNIT #800 GENERATOR AND EXCITATION (GEN-8-1)	1	1	0%	09-May-12	09-May-12
53 CTG #900 GENERATOR and EXCITATION - [GEN-9-1]		12	12		12-May-12	23-May-12
CS0SUS3493	900 - System Turnover - UNIT #900 GENERATOR AND EXCITATION (GEN-9-1)	1	1	0%	12-May-12*	12-May-12
CS0SUS3487	900 - System Commissioning - UNIT #900 GENERATOR AND EXCITATION (GEN-9-1)	7	7	0%	13-May-12	19-May-12
CS0SUS3489	900 - Ready for Operations - UNIT #900 GENERATOR AND EXCITATION (GEN-9-1)	1	1	0%	23-May-12	23-May-12
54 CTG #600 COMBUSTION TURBINE EXHAUST - [CEG-6-1]		5	5		05-May-12	09-May-12
CS0SUS3263	600 - System Turnover - UNIT #600 CTG COMBUSTION TURBINE EXHAUST (CEG-6-1)	1	1	0%	05-May-12*	05-May-12
CS0SUS3207	600 - System Commissioning - UNIT #600 CTG COMBUSTION TURBINE EXHAUST (CEG-6-1)	3	3	0%	06-May-12	08-May-12
CS0SUS3209	600 - Ready for Operations - UNIT #600 CTG COMBUSTION TURBINE EXHAUST (CEG-6-1)	1	1	0%	09-May-12	09-May-12
55 CTG #700 COMBUSTION TURBINE EXHAUST - [CEG-7-1]		3	2		19-Apr-12 A	30-Apr-12
CS0SUS3397	700 - System Commissioning - UNIT #700 COMBUSTION TURBINE EXHAUST (CEG-7-1)	3	1	6.67%	19-Apr-12 A	29-Apr-12
CS0SUS3399	700 - Ready for Operations - UNIT #700 COMBUSTION TURBINE EXHAUST (CEG-7-1)	1	1	0%	30-Apr-12	30-Apr-12
56 CTG #800 COMBUSTION TURBINE EXHAUST - [CEG-8-1]		3	2		21-Apr-12 A	30-Apr-12
CS0SUS3407	800 - System Commissioning - UNIT #800 COMBUSTION TURBINE EXHAUST (CEG-8-1)	3	1	6.67%	21-Apr-12 A	29-Apr-12
CS0SUS3409	800 - Ready for Operations - UNIT #800 COMBUSTION TURBINE EXHAUST (CEG-8-1)	1	1	0%	30-Apr-12	30-Apr-12
57 CTG #900 COMBUSTION TURBINE EXHAUST - [CEG-9-1]		5	5		12-May-12	16-May-12
CS0SUS3803	900 - System Turnover - UNIT #900 COMBUSTION TURBINE EXHAUST (CEG-9-1)	1	1	0%	12-May-12*	12-May-12
CS0SUS3517	900 - System Commissioning - UNIT #900 COMBUSTION TURBINE EXHAUST (CEG-9-1)	3	3	0%	13-May-12	15-May-12
CS0SUS3519	900 - Ready for Operations - UNIT #900 COMBUSTION TURBINE EXHAUST (CEG-9-1)	1	1	0%	16-May-12	16-May-12
58 CTG #600 CO2 FIRE PROTECTION SYSTEM - [CFP-6-1]		9	9		05-May-12	13-May-12
CS0SUS3265	600 - System Turnover - UNIT #600 CTG C02 FIRE PROTECTION (CFP-6-1)	1	1	0%	05-May-12*	05-May-12
CS0SUS3217	600 - System Commissioning - UNIT #600 CTG CO2 FIRE PROTECTION (CFP-6-1)	7	7	0%	06-May-12	12-May-12
CS0SUS3219	600 - Ready for Operations - UNIT #600 CTG CO2 FIRE PROTECTION (CFP-6-1)	1	1	0%	13-May-12	13-May-12
59 CTG #700 CO2 FIRE PROTECTION SYSTEM - [CFP-7-1]		7	5		19-Apr-12 A	03-May-12
CS0SUS3447	700 - System Commissioning - UNIT #700 CO2 FIRE PROTECTION SYSTEM (CFP-7-1)	7	4	2.86%	19-Apr-12 A	02-May-12
CS0SUS3449	700 - Ready for Operations - UNIT #700 CO2 FIRE PROTECTION SYSTEM (CFP-7-1)	1	1	0%	03-May-12	03-May-12
60 CTG #800 CO2 FIRE PROTECTION SYSTEM - [CFP-8-1]		7	5		22-Apr-12 A	03-May-12
CS0SUS3417	800 - System Commissioning - UNIT #800 CO2 FIRE PROTECTION SYSTEM (CFP-8-1)	7	4	2.86%	22-Apr-12 A	02-May-12
CS0SUS3419	800 - Ready for Operations - UNIT #800 CO2 FIRE PROTECTION SYSTEM (CFP-8-1)	1	1	0%	03-May-12	03-May-12
61 CTG #900 CO2 FIRE PROTECTION SYSTEM - [CFP-9-1]		9	9		12-May-12	20-May-12
CS0SUS3805	900 - System Turnover - UNIT #900 C02 FIRE PROTECTION SYSTEM (CFP-9-1)	1	1	0%	12-May-12*	12-May-12



Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
Primary Baseline | Actual Work | Critical Remaining Work | Summary

TASK filter: Status Not Equal to Complete.

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Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0SUS3527	900 - System Commissioning - UNIT #900 CO2 FIRE PROTECTION SYSTEM (CFP-9-1)	7	7	0%	13-May-12	19-May-12
CS0SUS3529	900 - Ready for Operations - UNIT #900 CO2 FIRE PROTECTION SYSTEM (CFP-9-1)	1	1	0%	20-May-12	20-May-12
62 CTG #600 LUBE OIL - [CLO-6-1]		7	7		05-May-12	11-May-12
CS0SUS3351	600 - System Turnover - UNIT #600 LUBE OIL (CLO-6-1)	1	1	0%	05-May-12*	05-May-12
CS0SUS3337	600 - System Commissioning - UNIT #600 LUBE OIL (CLO-6-1)	5	5	0%	06-May-12	10-May-12
CS0SUS3339	600 - Ready for Operations - UNIT #600 LUBE OIL (CLO-6-1)	1	1	0%	11-May-12	11-May-12
63 CTG #700 LUBE OIL - [CLO-7-1]		5	3		19-Apr-12 A	03-May-12
CS0SUS3467	700 - System Commissioning - UNIT #700 LUBE OIL (CLO-7-1)	5	2	60%	19-Apr-12 A	02-May-12
CS0SUS3469	700 - Ready for Operations - UNIT #700 LUBE OIL (CLO-7-1)	1	1	0%	03-May-12	03-May-12
64 CTG #800 LUBE OIL - [CLO-8-1]		5	4		22-Apr-12 A	04-May-12
CS0SUS3247	800 - System Commissioning - UNIT #800 LUBE OIL (CLO-8-1)	5	3	40%	22-Apr-12 A	03-May-12
CS0SUS3249	800 - Ready for Operations - UNIT #800 LUBE OIL (CLO-8-1)	1	1	0%	04-May-12	04-May-12
65 CTG #900 LUBE OIL - [CLO-9-1]		7	7		12-May-12	18-May-12
CS0SUS3809	900 - System Turnover - UNIT #900 LUBE OL (CLO-9-1)	1	1	0%	12-May-12*	12-May-12
CS0SUS3567	900 - System Commissioning - UNIT #900 LUBE OIL (CLO-9-1)	5	5	0%	13-May-12	17-May-12
CS0SUS3569	900 - Ready for Operations - UNIT #900 LUBE OIL (CLO-9-1)	1	1	0%	18-May-12	18-May-12
66 CTG #600 FUEL GAS - [CFG-6-1]		8	8		05-May-12	12-May-12
CS0SUS3281	600 - System Turnover - UNIT #600 FUEL GAS (CFG-6-1)	1	1	0%	05-May-12*	05-May-12
CS0SUS3227	600 - System Commissioning - UNIT #600 FUEL GAS (CFG-6-1)	5	5	0%	06-May-12	10-May-12
CS0SUS0603	600 - GAS Analysis - Approved	5	5	0%	07-May-12	11-May-12
CS0SUS3229	600 - Ready for Operations - UNIT #600 FUEL GAS (CFG-6-1)	1	1	0%	12-May-12	12-May-12
67 CTG #700 FUEL GAS - [CFG-7-1]		6	6		19-Apr-12 A	04-May-12
CS0SUS3457	700 - System Commissioning - UNIT #700 FUEL GAS (CFG-7-1)	5	3	40%	19-Apr-12 A	01-May-12
CS0SUS0704	700 - GAS Analysis - Approved	5	5	0%	29-Apr-12	03-May-12
CS0SUS3459	700 - Ready for Operations - UNIT #700 FUEL GAS (CFG-7-1)	1	1	0%	04-May-12	04-May-12
68 CTG #800 FUEL GAS - [CFG-8-1]		6	5		22-Apr-12 A	03-May-12
CS0SUS3237	800 - System Commissioning - UNIT #800 FUEL GAS (CFG-8-1)	5	3	40%	22-Apr-12 A	01-May-12
CS0SUS0806	800 - GAS Analysis - Approved	5	5	0%	29-Apr-12	03-May-12
CS0SUS3239	800 - Ready for Operations - UNIT #800 FUEL GAS (CFG-8-1)	1	1	0%	02-May-12	02-May-12
69 CTG #900 FUEL GAS - [CFG-9-1]		7	7		12-May-12	18-May-12
CS0SUS3807	900 - System Turnover - UNIT #900 FUEL GAS (CFG-9-1)	1	1	0%	12-May-12*	12-May-12
CS0SUS3537	900 - System Commissioning - UNIT #900 FUEL GAS (CFG-9-1)	5	5	0%	13-May-12	17-May-12
CS0SUS0906	900 - GAS Analysis - Approved	5	5	0%	13-May-12	17-May-12
CS0SUS3539	900 - Ready for Operations - UNIT #900 FUEL GAS (CFG-9-1)	1	1	0%	18-May-12	18-May-12
70 CTG #600 CT WATER INJECTION [CWI-6-1]		9	9		05-May-12	13-May-12

Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
Primary Baseline | Actual Work | Critical Remaining Work | Summary

TASK filter: Status Not Equal to Complete.

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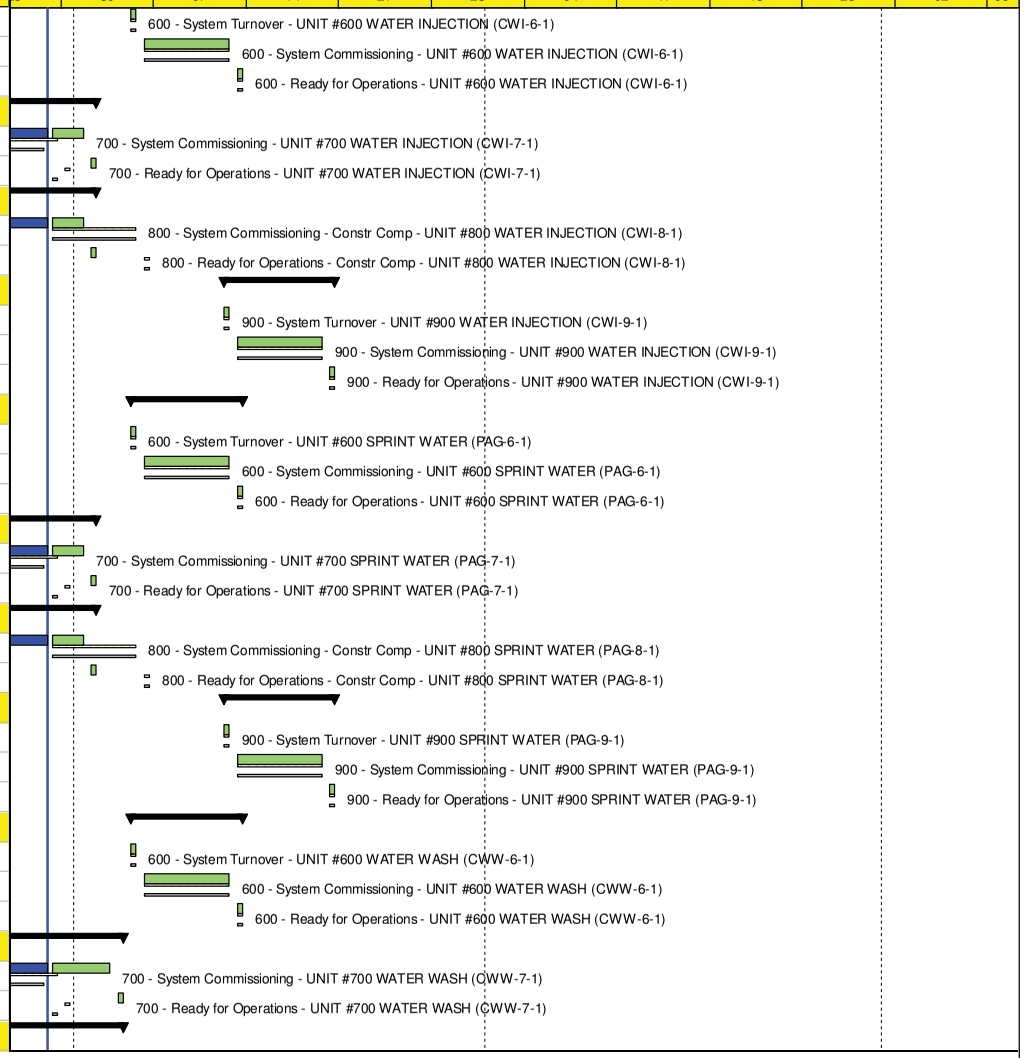
Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0SUS3827	600 - System Turnover - UNIT #600 WATER INJECTION (CWI-6-1)	1	1	0%	05-May-12*	05-May-12
CS0SUS3829	600 - System Commissioning - UNIT #600 WATER INJECTION (CWI-6-1)	7	7	0%	06-May-12	12-May-12
CS0SUS3831	600 - Ready for Operations - UNIT #600 WATER INJECTION (CWI-6-1)	1	1	0%	13-May-12	13-May-12
71 CTG #700 CT WATER INJECTION [CWI-7-1]		7	4		19-Apr-12 A	02-May-12
CS0SUS3841	700 - System Commissioning - UNIT #700 WATER INJECTION (CWI-7-1)	7	3	7.14%	19-Apr-12 A	01-May-12
CS0SUS3843	700 - Ready for Operations - UNIT #700 WATER INJECTION (CWI-7-1)	1	1	0%	02-May-12	02-May-12
72 CTG #800 CT WATER INJECTION [CWI-8-1]		7	4		22-Apr-12 A	02-May-12
CS0SUS3853	800 - System Commissioning - Constr Comp - UNIT #800 WATER INJECTION (CWI-8-1)	7	3	7.14%	22-Apr-12 A	01-May-12
CS0SUS3855	800 - Ready for Operations - Constr Comp - UNIT #800 WATER INJECTION (CWI-8-1)	1	1	0%	02-May-12	02-May-12
73 CTG #900 CT WATER INJECTION [CWI-9-1]		9	9		12-May-12	20-May-12
CS0SUS3863	900 - System Turnover - UNIT #900 WATER INJECTION (CWI-9-1)	1	1	0%	12-May-12*	12-May-12
CS0SUS3865	900 - System Commissioning - UNIT #900 WATER INJECTION (CWI-9-1)	7	7	0%	13-May-12	19-May-12
CS0SUS3867	900 - Ready for Operations - UNIT #900 WATER INJECTION (CWI-9-1)	1	1	0%	20-May-12	20-May-12
74 CTG #600 SPRINT WATER [PAG-6-1]		9	9		05-May-12	13-May-12
CS0SUS3833	600 - System Turnover - UNIT #600 SPRINT WATER (PAG-6-1)	1	1	0%	05-May-12*	05-May-12
CS0SUS3835	600 - System Commissioning - UNIT #600 SPRINT WATER (PAG-6-1)	7	7	0%	06-May-12	12-May-12
CS0SUS3837	600 - Ready for Operations - UNIT #600 SPRINT WATER (PAG-6-1)	1	1	0%	13-May-12	13-May-12
75 CTG #700 SPRINT WATER [PAG-7-1]		7	4		21-Apr-12 A	02-May-12
CS0SUS3847	700 - System Commissioning - UNIT #700 SPRINT WATER (PAG-7-1)	7	3	7.14%	21-Apr-12 A	01-May-12
CS0SUS3849	700 - Ready for Operations - UNIT #700 SPRINT WATER (PAG-7-1)	1	1	0%	02-May-12	02-May-12
76 CTG #800 SPRINT WATER [PAG-8-1]		7	4		18-Apr-12 A	02-May-12
CS0SUS3859	800 - System Commissioning - Constr Comp - UNIT #800 SPRINT WATER (PAG-8-1)	7	3	7.14%	18-Apr-12 A	01-May-12
CS0SUS3861	800 - Ready for Operations - Constr Comp - UNIT #800 SPRINT WATER (PAG-8-1)	1	1	0%	02-May-12	02-May-12
77 CTG #900 SPRINT WATER [PAG-9-1]		9	9		12-May-12	20-May-12
CS0SUS3869	900 - System Turnover - UNIT #900 SPRINT WATER (PAG-9-1)	1	1	0%	12-May-12*	12-May-12
CS0SUS3871	900 - System Commissioning - UNIT #900 SPRINT WATER (PAG-9-1)	7	7	0%	13-May-12	19-May-12
CS0SUS3873	900 - Ready for Operations - UNIT #900 SPRINT WATER (PAG-9-1)	1	1	0%	20-May-12	20-May-12
78 CTG # 600 WATER WASH [CWW-6-1]		9	9		05-May-12	13-May-12
CS0SUS3947	600 - System Turnover - UNIT #600 WATER WASH (CWW-6-1)	1	1	0%	05-May-12*	05-May-12
CS0SUS3949	600 - System Commissioning - UNIT #600 WATER WASH (CWW-6-1)	7	7	0%	06-May-12	12-May-12
CS0SUS3951	600 - Ready for Operations - UNIT #600 WATER WASH (CWW-6-1)	1	1	0%	13-May-12	13-May-12
79 CTG # 700 WATER WASH [CWW-7-1]		7	6		21-Apr-12 A	04-May-12
CS0SUS3955	700 - System Commissioning - UNIT #700 WATER WASH (CWW-7-1)	7	5	8.57%	21-Apr-12 A	03-May-12
CS0SUS3957	700 - Ready for Operations - UNIT #700 WATER WASH (CWW-7-1)	1	1	0%	04-May-12	04-May-12
80 CTG # 800 WATER WASH - [CWW-8-1]		7	6		22-Apr-12 A	04-May-12



Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
Primary Baseline | Actual Work | Critical Remaining Work | Summary

TASK filter: Status Not Equal to Complete.

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Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0SUS3961	800 - System Commissioning - UNIT #800 WATER WASH (CWW-8-1)	7	5	8.57%	22-Apr-12 A	03-May-12
CS0SUS3963	800 - Ready for Operations - UNIT #800 WATER WASH (CWW-8-1)	1	1	0%	04-May-12	04-May-12
81 CTG # 900 WATER WASH - [CWW-9-1]		9	9		12-May-12	20-May-12
CS0SUS3965	900 - System Turnover - UNIT #900 WATER WASH (CWW-9-1)	1	1	0%	12-May-12*	12-May-12
CS0SUS3967	900 - System Commissioning - UNIT #900 WATER WASH (CWW-9-1)	7	7	0%	13-May-12	19-May-12
CS0SUS3969	900 - Ready for Operations - UNIT #900 WATER WASH (CWW-9-1)	1	1	0%	20-May-12	20-May-12
27 POTABLE WATER CHEMICAL FEED - [CF-0-1]		5	5		29-Apr-12	03-May-12
CS0SUS3751	BOP - System Turnover - POTABLE WATER CHEMICAL FEED (CF-0-1)	1	1	0%	29-Apr-12	29-Apr-12
CS0SUS3267	BOP - System Commissioning - POTABLE WATER CHEMICAL FEED (CF-0-1)	3	3	0%	30-Apr-12	02-May-12
CS0SUS3771	BOP - Ready for Operations - POTABLE WATER CHEMICAL FEED (CF-0-1)	1	1	0%	03-May-12	03-May-12
28 POTABLE WATER / SAFETY SHOWERS - [PW-0-1]		7	7		29-Apr-12	05-May-12
CS0SUS3783	BOP - System Turnover - POTABLE WATER / SAFETY SHOWER (PW-0-1)	1	1	0%	29-Apr-12	29-Apr-12
CS0SUS3767	BOP - System Commissioning - POTABLE WATER / SAFETY SHOWERS (PW-0-1)	5	5	0%	30-Apr-12	04-May-12
CS0SUS3819	BOP - Ready for Operations - POTABLE WATER / SAFETY SHOWER	1	1	0%	05-May-12	05-May-12
29 DEMIN WATER PRODUCTION - [DWP-0-1]		5	5		19-Apr-12 A	05-May-12
CS0SUS3307	BOP - System Commissioning - DEMIN WATER PRODUCTION (DWP-0-1)	5	2	60%	19-Apr-12 A	30-Apr-12
CS0SUS3985	BOP - Demin Wtr Analysis - Approved	5	5	0%	30-Apr-12	04-May-12
CS0SUS3309	BOP - Ready for Operations - DEMIN WATER PRODUCTION (DWP-0-1)	1	1	0%	05-May-12	05-May-12
30 DEMIN WATER STORAGE - [DWS-0-1]		7	4		19-Apr-12 A	02-May-12
CS0SUS3317	BOP - System Commissioning - DEMIN WATER STORAGE (DWS-0-1)	7	3	7.14%	19-Apr-12 A	01-May-12
CS0SUS3319	BOP - Ready for Operations - DEMIN WATER STORAGE (DWS-0-1)	1	1	0%	02-May-12	02-May-12
31 FUEL GAS SUPPLY - [FGS-0-1]		8	8		02-May-12	09-May-12
CS0SUS3785	BOP - System Turnover - FUEL GAS SUPPLY (FGS-0-1)	1	1	0%	02-May-12	02-May-12
CS0SUS3357	BOP - System Commissioning - FUEL GAS SUPPLY (FGS-0-1)	6	6	0%	03-May-12	08-May-12
CS0SUS3359	BOP - Ready for Operations - FUEL GAS SUPPLY (FGS-0-1)	1	1	0%	09-May-12	09-May-12
32 FUEL GAS COMPRESSOR(S) - [FGC-0-1]		12	12		03-May-12	14-May-12
CS0SUS3787	BOP - System Turnover - FUEL GAS COMPRESSORS (FGC-0-1)	1	1	0%	03-May-12	03-May-12
CS0SUS3367	BOP - System Commissioning - FUEL GAS COMPRESSORS (FGC-0-1)	10	10	0%	04-May-12	13-May-12
CS0SUS3369	BOP - Ready for Operations - FUEL GAS COMPRESSORS (FGC-0-1)	1	1	0%	14-May-12	14-May-12
33 CHILLED WATER - [CHW-0-1]		11	11		05-May-12	15-May-12
CS0SUS3769	BOP - System Turnover - CHILLED WATER (CHW-0-1)	1	1	0%	05-May-12	05-May-12
CS0SUS3327	BOP - System Commissioning - CHILLED WATER (CHW-0-1)	9	9	0%	06-May-12	14-May-12
CS0SUS3329	BOP - Ready for Operations - CHILLED WATER (CHW-0-1)	1	1	0%	15-May-12	15-May-12
82 AQUEOUS AMMONIA and STORAGE DISTRIBUTION - [AMM-0-1]		7	7		09-May-12	16-May-12
CS0SUS3811	BOP - System Turnover - AQUEOUS AMMONIA AND STORAGE DIST	1	1	0%	09-May-12	10-May-12

Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
Primary Baseline | Actual Work | Critical Remaining Work | Summary

TASK filter: Status Not Equal to Complete.

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Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0SUS3657	BOP - System Commissioning - AQUEOUS AMMONIA AND STORAGE DIST (AMM-0-1)	5	5	0%	10-May-12	15-May-12
CS0SUS3659	BOP - Ready for Operations - AQUEOUS AMMONIA AND STORAGE DIST (AMM-0-1)	1	1	0%	15-May-12	16-May-12
83 ECM #600 EMISSIONS CONTROL MODULE (INCLUDES SCR) - [ECM-6-1]		11	11		05-May-12	15-May-12
CS0SUS3813	600 - System Turnover - UNIT #600 EC MODULE (INCLUDES ECM) (ECM-6-1)	1	1	0%	05-May-12*	05-May-12
CS0SUS3667	600 - System Commissioning - UNIT #600 EC MODULE (INCLUDES ECM) (ECM-6-1)	9	9	0%	06-May-12	14-May-12
CS0SUS3669	600 - Ready for Operations - UNIT #600 EC MODULE (INCLUDES ECM) (ECM-6-1)	1	1	0%	15-May-12	15-May-12
84 ECM #700 EMISSIONS CONTROL MODULE (INCLUDES SCR) - [ECM-7-1]		9	6		19-Apr-12 A	04-May-12
CS0SUS3547	700 - System Commissioning - UNIT #700 EC MODULE (INCLUDES ECM) (ECM-7-1)	9	5	4.44%	19-Apr-12 A	03-May-12
CS0SUS3549	700 - Ready for Operations - UNIT #700 EC MODULE (INCLUDES ECM) (ECM-7-1)	1	1	0%	04-May-12	04-May-12
85 ECM #800 EMISSIONS CONTROL MODULE (INCLUDES SCR) - [ECM-8-1]		9	6		22-Apr-12 A	04-May-12
CS0SUS3557	800 - System Commissioning - UNIT #800 EC MODULE (INCLUDES ECM) (ECM-8-1)	9	5	4.44%	22-Apr-12 A	03-May-12
CS0SUS3559	800 - Ready for Operations - UNIT #800 EC MODULE (INCLUDES ECM) (ECM-8-1)	1	1	0%	04-May-12	04-May-12
86 ECM #900 EMISSIONS CONTROL MODULE (INCLUDES SCR) - [ECM-9-1]		11	11		12-May-12	22-May-12
CS0SUS3651	900 - System Turnover - UNIT #900 EC MODULE (INCLUDES ECM) (ECM-9-1)	1	1	0%	12-May-12*	12-May-12
CS0SUS3577	900 - System Commissioning - UNIT #900 EC MODULE (INCLUDES ECM) (ECM-9-1)	9	9	0%	13-May-12	21-May-12
CS0SUS3579	900 - Ready for Operations - UNIT #900 EC MODULE (INCLUDES ECM) (ECM-9-1)	1	1	0%	22-May-12	22-May-12
87 UNIT #600 CONTINUOUS EMISSIONS MONITORING - [CEMS-6-1]		7	7		05-May-12	11-May-12
CS0SUS3815	600 - System Turnover - UNIT#600 CE MONITORING (CEMS-6-1)	1	1	0%	05-May-12*	05-May-12
CS0SUS3779	600 - System Commissioning - UNIT #600 CE MONITORING (CEM6-1-1)	5	5	0%	06-May-12	10-May-12
CS0SUS3781	600 - Ready for Operations - UNIT #600 CE MONITORING (CEMS-6-1)	1	1	0%	11-May-12	11-May-12
88 UNIT #700 CONTINUOUS EMISSIONS MONITORING - [CEMS-7-1]		5	4		19-Apr-12 A	02-May-12
CS0SUS3617	700 - System Commissioning - UNIT #700 CE MONITORING (CEMS-7-1)	5	3	40%	19-Apr-12 A	01-May-12
CS0SUS3619	700 - Ready for Operations - UNIT #700 CE MONITORING (CEMS-7-1)	1	1	0%	02-May-12	02-May-12
89 UNIT #800 CONTINUOUS EMISSIONS MONITORING - [CEMS-8-1]		5	4		21-Apr-12 A	02-May-12
CS0SUS3627	800 - System Commissioning - UNIT #800 CE MONITORING (CEMS-8-1)	5	3	40%	21-Apr-12 A	01-May-12
CS0SUS3629	800 - Ready for Operations - UNIT #800 CE MONITORING (CEMS-8-1)	1	1	0%	02-May-12	02-May-12
90 UNIT #900 CONTINUOUS EMISSIONS MONITORING - [CEMS-9-1]		7	7		12-May-12	18-May-12
CS0SUS3661	900 - System Turnover - UNIT #900 CE MONITORING (CEMS-9-1)	1	1	0%	12-May-12*	12-May-12
CS0SUS3637	900 - System Commissioning - UNIT #900 CE MONITORING (CEMS-9-1)	5	5	0%	13-May-12	17-May-12
CS0SUS3639	900 - Ready for Operations - UNIT #900 CE MONITORING (CEMS-9-1)	1	1	0%	18-May-12	18-May-12
91 FIRE-ALARM (FAS-01)		9	9		13-May-12	21-May-12
CS0SUS3663	BOP - System Turnover - FIRE ALARM (FAS-0-1)	1	1	0%	13-May-12	13-May-12
CS0SUS3647	BOP - System Commissioning - FIRE ALARM (FAS-0-1)	7	7	0%	14-May-12	20-May-12
CS0SUS3649	BOP - Ready for Operations - FIRE ALARM (FAS-0-1)	1	1	0%	21-May-12	21-May-12
CTG # 600 GE Hot Commission (Prep for 1st Fire)		6	6		23-May-12	29-May-12

Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
Primary Baseline | Actual Work | Critical Remaining Work | Summary

TASK filter: Status Not Equal to Complete.

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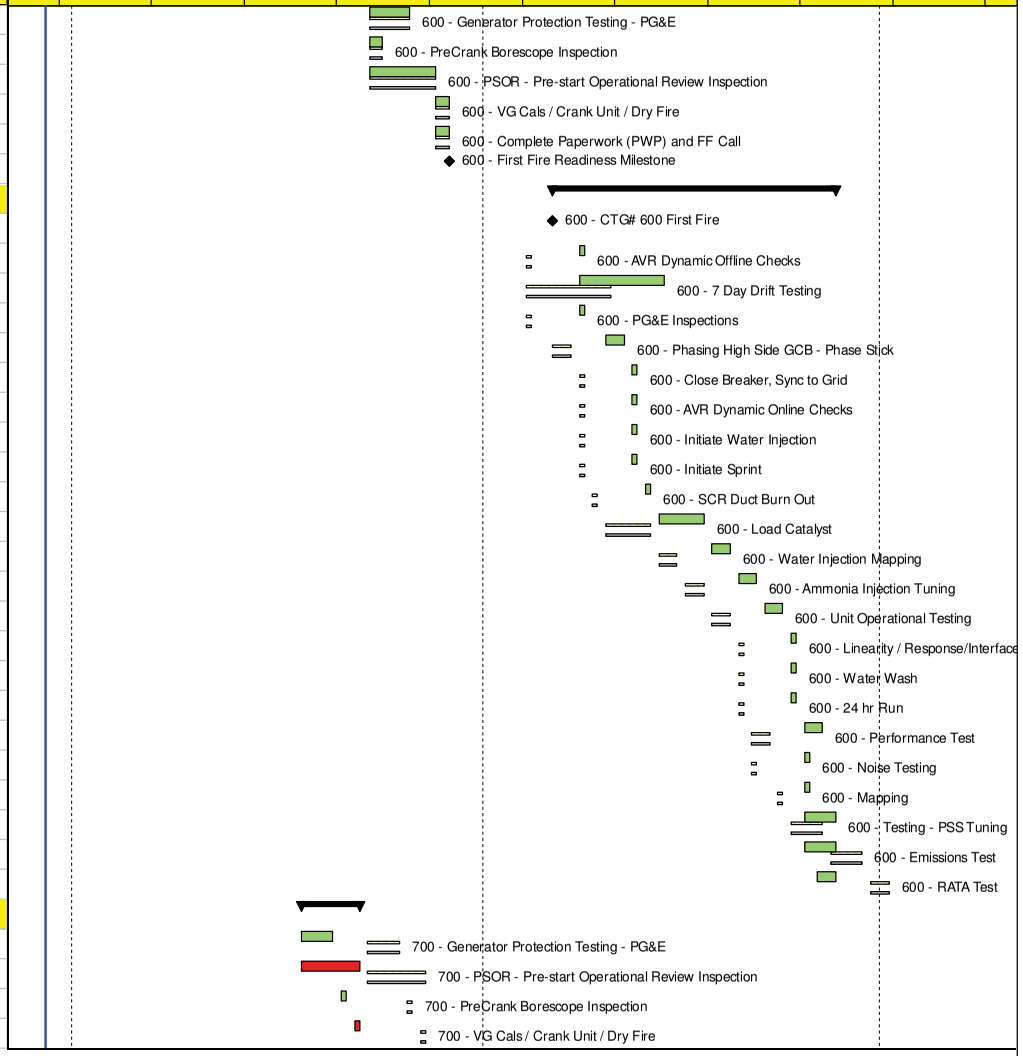
Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0SUS0605	600 - Generator Protection Testing - PG&E	3	3	0%	23-May-12	26-May-12
CS0SUS0608	600 - PreCrank Borescope Inspection	1	1	0%	23-May-12	24-May-12
CS0SUS0604	600 - PSOR - Pre-start Operational Review Inspection	5	5	0%	23-May-12	28-May-12
CS0SUS0606	600 - VG Cals / Crank Unit / Dry Fire	1	1	0%	28-May-12	29-May-12
CS0SUS0607	600 - Complete Paperwork (PWP) and FF Call	1	1	0%	28-May-12	29-May-12
CS0SUS0609	600 - First Fire Readiness Milestone	0	0	0%		29-May-12
CTG # 600 GE Hot Commission (Post 1st Fire Testing)		22	22		06-Jun-12	27-Jun-12
CS0SUS0600	600 - CTG# 600 First Fire	0	0	0%	06-Jun-12	
CS0SUS0612	600 - AVR Dynamic Offline Checks	1	1	0%	08-Jun-12	08-Jun-12
CS0SUS0611	600 - 7 Day Drift Testing	7	7	0%	08-Jun-12	14-Jun-12
CS0SUS0610	600 - PG&E Inspections	1	1	0%	08-Jun-12	08-Jun-12
CS0SUS0613	600 - Phasing High Side GCB - Phase Stick	2	2	0%	10-Jun-12	11-Jun-12
CS0SUS0614	600 - Close Breaker, Sync to Grid	1	1	0%	12-Jun-12	12-Jun-12
CS0SUS0615	600 - AVR Dynamic Online Checks	1	1	0%	12-Jun-12	12-Jun-12
CS0SUS0616	600 - Initiate Water Injection	1	1	0%	12-Jun-12	12-Jun-12
CS0SUS0617	600 - Initiate Sprint	1	1	0%	12-Jun-12	12-Jun-12
CS0SUS0618	600 - SCR Duct Burn Out	1	1	0%	13-Jun-12	13-Jun-12
CS0SUS0619	600 - Load Catalyst	4	4	0%	14-Jun-12	17-Jun-12
CS0SUS0620	600 - Water Injection Mapping	2	2	0%	18-Jun-12	19-Jun-12
CS0SUS0621	600 - Ammonia Injection Tuning	2	2	0%	20-Jun-12	21-Jun-12
CS0SUS0634	600 - Unit Operational Testing	2	2	0%	22-Jun-12	23-Jun-12
CS0SUS0624	600 - Linearity / Response/Interface	1	1	0%	24-Jun-12	24-Jun-12
CS0SUS0625	600 - Water Wash	1	1	0%	24-Jun-12	24-Jun-12
CS0SUS0626	600 - 24 hr Run	1	1	0%	24-Jun-12	24-Jun-12
CS0SUS0627	600 - Performance Test	2	2	0%	25-Jun-12	26-Jun-12
CS0SUS0628	600 - Noise Testing	1	1	0%	25-Jun-12	25-Jun-12
CS0SUS0632	600 - Mapping	1	1	0%	25-Jun-12	25-Jun-12
CS0SUS0633	600 - Testing - PSS Tuning	3	3	0%	25-Jun-12	27-Jun-12
CS0SUS0637	600 - Emissions Test	3	3	0%	25-Jun-12	27-Jun-12
CS0SUS0639	600 - RATA Test	2	2	0%	26-Jun-12	27-Jun-12
CTG # 700 GE Hot Commission (Prep for 1st Fire)		5	5		18-May-12	22-May-12
CS0SUS0708	700 - Generator Protection Testing - PG&E	3	3	0%	18-May-12	20-May-12
CS0SUS0706	700 - PSOR - Pre-start Operational Review Inspection	5	5	0%	18-May-12	22-May-12
CS0SUS0710	700 - PreCrank Borescope Inspection	1	1	0%	21-May-12	21-May-12
CS0SUS0714	700 - VG Cals / Crank Unit / Dry Fire	1	1	0%	22-May-12	22-May-12



Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
Primary Baseline | Actual Work | Critical Remaining Work | Summary

TASK filter: Status Not Equal to Complete.

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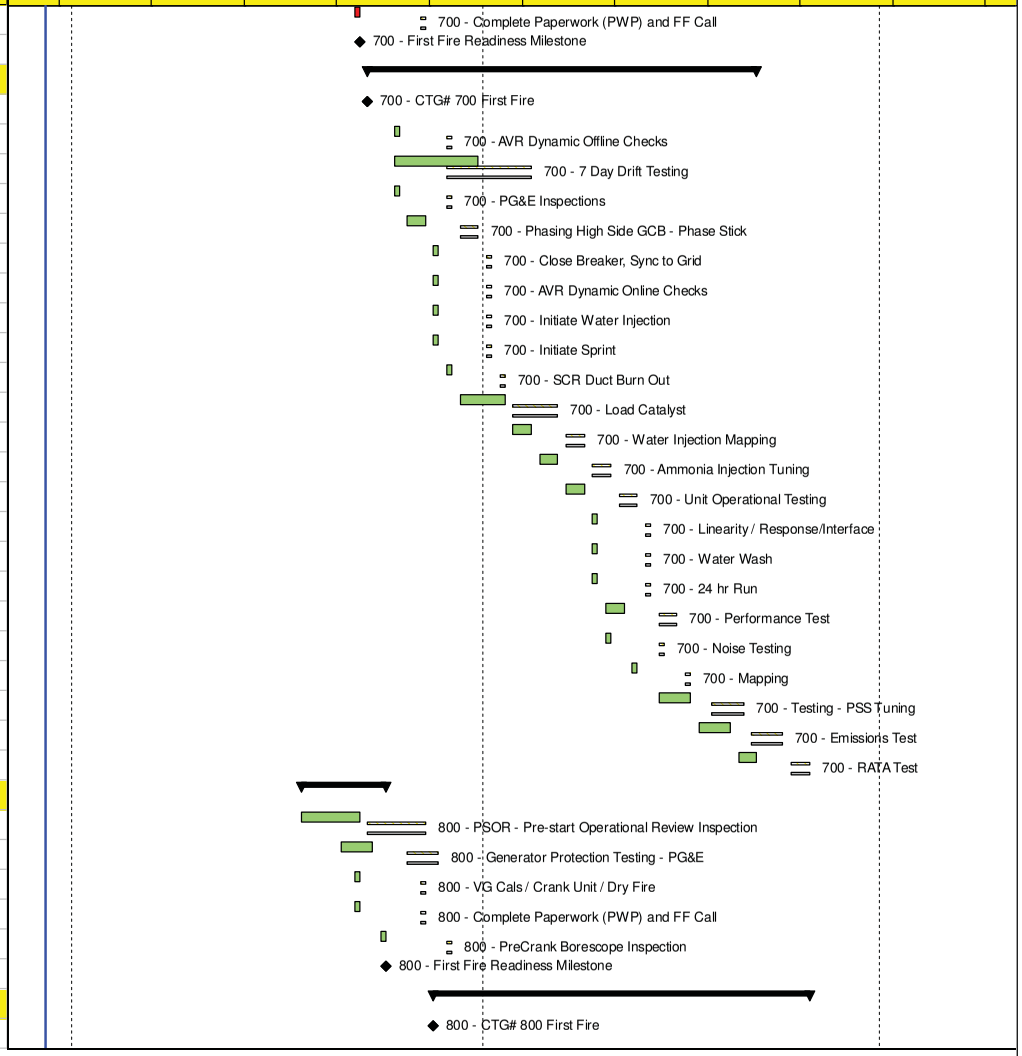
Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0SUS0716	700 - Complete Paperwork (PWP) and FF Call	1	1	0%	22-May-12	22-May-12
CS0SUS0718	700 - First Fire Readiness Milestone	0	0	0%		22-May-12
CTG # 700 GE Hot Commission (Post First Fire Testing)		30	30		23-May-12	21-Jun-12
CS0SUS0700	700 - CTG# 700 First Fire	0	0	0%	23-May-12	
CS0SUS0789	700 - AVR Dynamic Offline Checks	1	1	0%	25-May-12	25-May-12
CS0SUS0787	700 - 7 Day Drift Testing	7	7	0%	25-May-12	31-May-12
CS0SUS0785	700 - PG&E Inspections	1	1	0%	25-May-12	25-May-12
CS0SUS0791	700 - Phasing High Side GCB - Phase Stick	2	2	0%	26-May-12	27-May-12
CS0SUS0793	700 - Close Breaker, Sync to Grid	1	1	0%	28-May-12	28-May-12
CS0SUS0795	700 - AVR Dynamic Online Checks	1	1	0%	28-May-12	28-May-12
CS0SUS0797	700 - Initiate Water Injection	1	1	0%	28-May-12	28-May-12
CS0SUS0799	700 - Initiate Sprint	1	1	0%	28-May-12	28-May-12
CS0SUS0701	700 - SCR Duct Burn Out	1	1	0%	29-May-12	29-May-12
CS0SUS0703	700 - Load Catalyst	4	4	0%	30-May-12	02-Jun-12
CS0SUS0705	700 - Water Injection Mapping	2	2	0%	03-Jun-12	04-Jun-12
CS0SUS0707	700 - Ammonia Injection Tuning	2	2	0%	05-Jun-12	06-Jun-12
CS0SUS0731	700 - Unit Operational Testing	2	2	0%	07-Jun-12	08-Jun-12
CS0SUS0713	700 - Linearity / Response/Interface	1	1	0%	09-Jun-12	09-Jun-12
CS0SUS0715	700 - Water Wash	1	1	0%	09-Jun-12	09-Jun-12
CS0SUS0717	700 - 24 hr Run	1	1	0%	09-Jun-12	09-Jun-12
CS0SUS0719	700 - Performance Test	2	2	0%	10-Jun-12	11-Jun-12
CS0SUS0721	700 - Noise Testing	1	1	0%	10-Jun-12	10-Jun-12
CS0SUS0727	700 - Mapping	1	1	0%	12-Jun-12	12-Jun-12
CS0SUS0729	700 - Testing - PSS Tuning	3	3	0%	14-Jun-12	16-Jun-12
CS0SUS0735	700 - Emissions Test	3	3	0%	17-Jun-12	19-Jun-12
CS0SUS0737	700 - RATA Test	2	2	0%	20-Jun-12	21-Jun-12
CTG # 800 GE Hot Commission (Prep for 1st Fire)		7	7		18-May-12	24-May-12
CS0SUS0812	800 - PSOR - Pre-start Operational Review Inspection	5	5	0%	18-May-12	22-May-12
CS0SUS0808	800 - Generator Protection Testing - PG&E	3	3	0%	21-May-12	23-May-12
CS0SUS0814	800 - VG Cals / Crank Unit / Dry Fire	1	1	0%	22-May-12	22-May-12
CS0SUS0816	800 - Complete Paperwork (PWP) and FF Call	1	1	0%	22-May-12	22-May-12
CS0SUS0810	800 - PreCrank Borescope Inspection	1	1	0%	24-May-12	24-May-12
CS0SUS0818	800 - First Fire Readiness Milestone	0	0	0%		24-May-12
CTG # 800 (GE Hot Commission (Post First Fire Testing)		29	29		28-May-12	25-Jun-12
CS0SUS0800	800 - CTG# 800 First Fire	0	0	0%	28-May-12	



Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
Primary Baseline | Actual Work | Critical Remaining Work | Summary

TASK filter: Status Not Equal to Complete.

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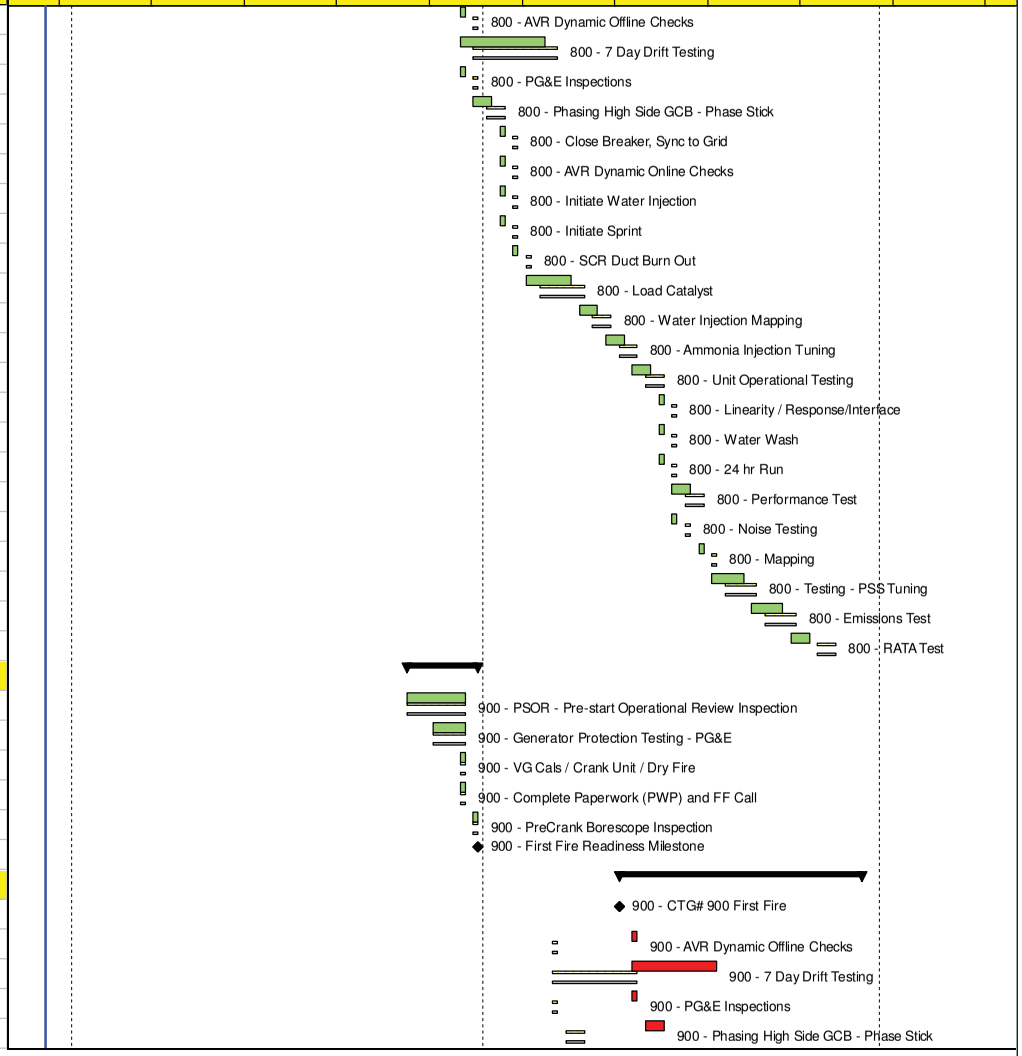
Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0SUS0889	800 - AVR Dynamic Offline Checks	1	1	0%	30-May-12	30-May-12
CS0SUS0887	800 - 7 Day Drift Testing	7	7	0%	30-May-12	05-Jun-12
CS0SUS0885	800 - PG&E Inspections	1	1	0%	30-May-12	30-May-12
CS0SUS0891	800 - Phasing High Side GCB - Phase Stick	2	2	0%	31-May-12	01-Jun-12
CS0SUS0893	800 - Close Breaker, Sync to Grid	1	1	0%	02-Jun-12	02-Jun-12
CS0SUS0895	800 - AVR Dynamic Online Checks	1	1	0%	02-Jun-12	02-Jun-12
CS0SUS0897	800 - Initiate Water Injection	1	1	0%	02-Jun-12	02-Jun-12
CS0SUS0899	800 - Initiate Sprint	1	1	0%	02-Jun-12	02-Jun-12
CS0SUS0801	800 - SCR Duct Burn Out	1	1	0%	03-Jun-12	03-Jun-12
CS0SUS0803	800 - Load Catalyst	4	4	0%	04-Jun-12	07-Jun-12
CS0SUS0805	800 - Water Injection Mapping	2	2	0%	08-Jun-12	09-Jun-12
CS0SUS0807	800 - Ammonia Injection Tuning	2	2	0%	10-Jun-12	11-Jun-12
CS0SUS0831	800 - Unit Operational Testing	2	2	0%	12-Jun-12	13-Jun-12
CS0SUS0813	800 - Linearity / Response/Interface	1	1	0%	14-Jun-12	14-Jun-12
CS0SUS0815	800 - Water Wash	1	1	0%	14-Jun-12	14-Jun-12
CS0SUS0817	800 - 24 hr Run	1	1	0%	14-Jun-12	14-Jun-12
CS0SUS0819	800 - Performance Test	2	2	0%	15-Jun-12	16-Jun-12
CS0SUS0821	800 - Noise Testing	1	1	0%	15-Jun-12	15-Jun-12
CS0SUS0827	800 - Mapping	1	1	0%	17-Jun-12	17-Jun-12
CS0SUS0829	800 - Testing - PSS Tuning	3	3	0%	18-Jun-12	20-Jun-12
CS0SUS0835	800 - Emissions Test	3	3	0%	21-Jun-12	23-Jun-12
CS0SUS0837	800 - RATA Test	2	2	0%	24-Jun-12	25-Jun-12
CTG # 900 (GE Hot Commission (Prep for 1st Fire)		6	6		26-May-12	31-May-12
CS0SUS0912	900 - PSOR - Pre-start Operational Review Inspection	5	5	0%	26-May-12	30-May-12
CS0SUS0908	900 - Generator Protection Testing - PG&E	3	3	0%	28-May-12	30-May-12
CS0SUS0914	900 - VG Cals / Crank Unit / Dry Fire	1	1	0%	30-May-12	30-May-12
CS0SUS0916	900 - Complete Paperwork (PWP) and FF Call	1	1	0%	30-May-12	30-May-12
CS0SUS0910	900 - PreCrank Borescope Inspection	1	1	0%	31-May-12	31-May-12
CS0SUS0918	900 - First Fire Readiness Milestone	0	0	0%		31-May-12
CTG # 900 (GE Hot Commission (Post First Fire Testing)		19	19		11-Jun-12	29-Jun-12
CS0SUS0900	900 - CTG# 900 First Fire	0	0	0%	11-Jun-12	
CS0SUS0989	900 - AVR Dynamic Offline Checks	1	1	0%	12-Jun-12	12-Jun-12
CS0SUS0987	900 - 7 Day Drift Testing	7	7	0%	12-Jun-12	18-Jun-12
CS0SUS0985	900 - PG&E Inspections	1	1	0%	12-Jun-12	12-Jun-12
CS0SUS0991	900 - Phasing High Side GCB - Phase Stick	2	2	0%	13-Jun-12	14-Jun-12



Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
Primary Baseline | Actual Work | Critical Remaining Work | Summary

TASK filter: Status Not Equal to Complete.

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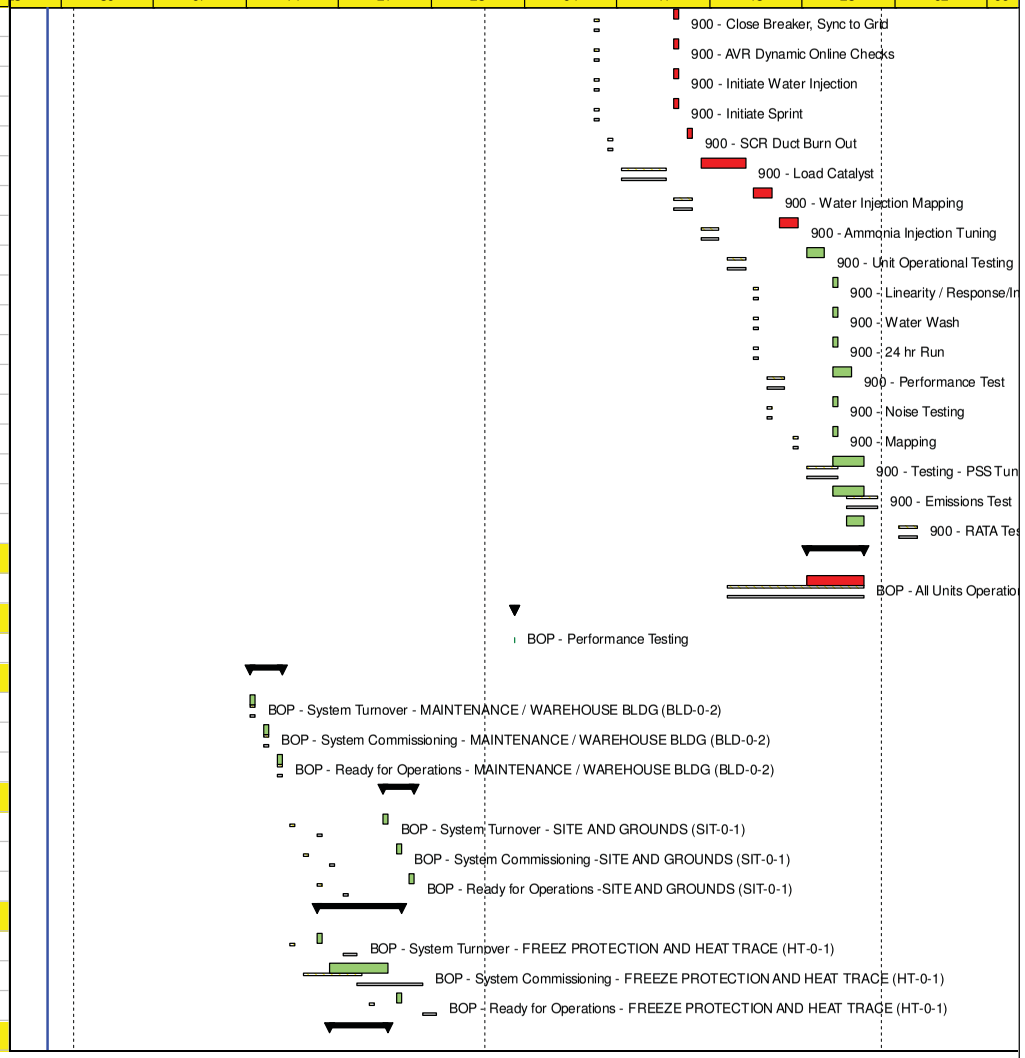
Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0SUS0993	900 - Close Breaker, Sync to Grid	1	1	0%	15-Jun-12	15-Jun-12
CS0SUS0995	900 - AVR Dynamic Online Checks	1	1	0%	15-Jun-12	15-Jun-12
CS0SUS0997	900 - Initiate Water Injection	1	1	0%	15-Jun-12	15-Jun-12
CS0SUS0999	900 - Initiate Sprint	1	1	0%	15-Jun-12	15-Jun-12
CS0SUS0901	900 - SCR Duct Burn Out	1	1	0%	16-Jun-12	16-Jun-12
CS0SUS0903	900 - Load Catalyst	4	4	0%	17-Jun-12	20-Jun-12
CS0SUS0905	900 - Water Injection Mapping	2	2	0%	21-Jun-12	22-Jun-12
CS0SUS0907	900 - Ammonia Injection Tuning	2	2	0%	23-Jun-12	24-Jun-12
CS0SUS0902	900 - Unit Operational Testing	2	2	0%	25-Jun-12	26-Jun-12
CS0SUS0913	900 - Linearity / Response/Interface	1	1	0%	27-Jun-12	27-Jun-12
CS0SUS0915	900 - Water Wash	1	1	0%	27-Jun-12	27-Jun-12
CS0SUS0917	900 - 24 hr Run	1	1	0%	27-Jun-12	27-Jun-12
CS0SUS0919	900 - Performance Test	2	2	0%	27-Jun-12	28-Jun-12
CS0SUS0921	900 - Noise Testing	1	1	0%	27-Jun-12	27-Jun-12
CS0SUS0927	900 - Mapping	1	1	0%	27-Jun-12	27-Jun-12
CS0SUS0929	900 - Testing - PSS Tuning	3	3	0%	27-Jun-12	29-Jun-12
CS0SUS0933	900 - Emissions Test	3	3	0%	27-Jun-12	29-Jun-12
CS0SUS0935	900 - RATA Test	2	2	0%	28-Jun-12	29-Jun-12
All Unit Operational Testing		5	5		25-Jun-12	29-Jun-12
CS0SUS3685	BOP - All Units Operational Testing	5	5	0%	25-Jun-12	29-Jun-12
Thermal Performance Testing		0	0		03-Jun-12	03-Jun-12
CS0SUS3677	BOP - Performance Testing	0	0	0%	03-Jun-12	03-Jun-12
92 MAINT /WHSE BLDG (BLD-0-2)		3	3		14-May-12	16-May-12
CS0SUS3613	BOP - System Turnover - MAINTENANCE / WAREHOUSE BLDG (BLD-0-2)	1	1	0%	14-May-12	14-May-12
CS0SUS3607	BOP - System Commissioning - MAINTENANCE / WAREHOUSE BLDG (BLD-0-2)	1	1	0%	15-May-12	15-May-12
CS0SUS3609	BOP - Ready for Operations - MAINTENANCE / WAREHOUSE BLDG (BLD-0-2)	1	1	0%	16-May-12	16-May-12
93 SITE & GROUNDS		3	3		24-May-12	26-May-12
CS0SUS3773	BOP - System Turnover - SITE AND GROUNDS (SIT-0-1)	1	1	0%	24-May-12	24-May-12
CS0SUS3711	BOP - System Commissioning -SITE AND GROUNDS (SIT-0-1)	1	1	0%	25-May-12	25-May-12
CS0SUS3713	BOP - Ready for Operations -SITE AND GROUNDS (SIT-0-1)	1	1	0%	26-May-12	26-May-12
94 FREEZE PROT & HEAT TRACE		7	7		19-May-12	25-May-12
CS0SUS3775	BOP - System Turnover - FREEZ PROTECTION AND HEAT TRACE (HT-0-1)	1	1	0%	19-May-12	19-May-12
CS0SUS3821	BOP - System Commissioning - FREEZE PROTECTION AND HEAT TRACE (HT-0-1)	5	5	0%	20-May-12	24-May-12
CS0SUS3723	BOP - Ready for Operations - FREEZE PROTECTION AND HEAT TRACE (HT-0-1)	1	1	0%	25-May-12	25-May-12
95 CATHODIC PROTECTION		5	5		20-May-12	24-May-12



Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
Primary Baseline | Actual Work | Critical Remaining Work | Summary

TASK filter: Status Not Equal to Complete.

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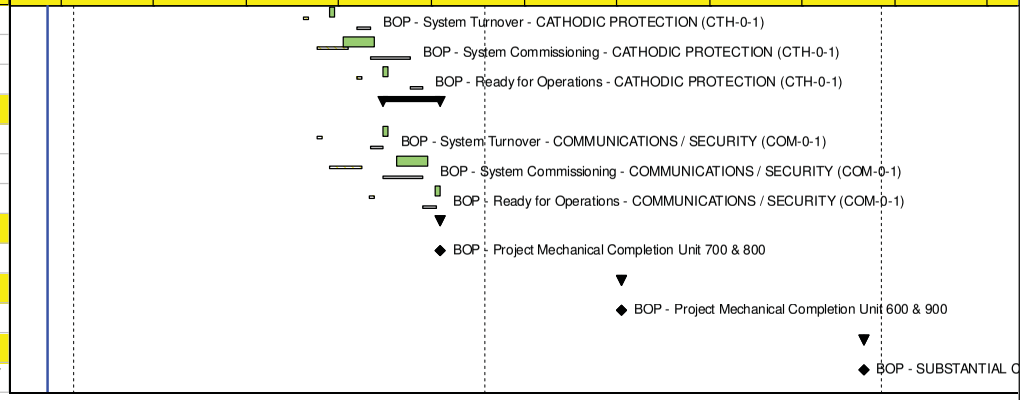
Activity ID	Activity Name	OD	RD	Act % Comp	Start	Finish
CS0SUS3777	BOP - System Turnover - CATHODIC PROTECTION (CTH-0-1)	1	1	0%	20-May-12	20-May-12
CS0SUS3731	BOP - System Commissioning - CATHODIC PROTECTION (CTH-0-1)	3	3	0%	21-May-12	23-May-12
CS0SUS3733	BOP - Ready for Operations - CATHODIC PROTECTION (CTH-0-1)	1	1	0%	24-May-12	24-May-12
96 COMMUNICATIONS / SECURITY		5	5		24-May-12	28-May-12
CS0SUS3817	BOP - System Turnover - COMMUNICATIONS / SECURITY (COM-0-1)	1	1	0%	24-May-12	24-May-12
CS0SUS3741	BOP - System Commissioning - COMMUNICATIONS / SECURITY (COM-0-1)	3	3	0%	25-May-12	27-May-12
CS0SUS3753	BOP - Ready for Operations - COMMUNICATIONS / SECURITY (COM-0-1)	1	1	0%	28-May-12	28-May-12
PROJECT MECH COMPL UNTS 1 & 2		0	0		28-May-12	28-May-12
CS0SUS3755	BOP - Project Mechanical Completion Unit 700 & 800	0	0	0%		28-May-12
PROJECT MECH COMPL UNITS 3 & 4		0	0		11-Jun-12	11-Jun-12
CS0SUS3757	BOP - Project Mechanical Completion Unit 600 & 900	0	0	0%		11-Jun-12
SUBSTANTIAL COMPLETEION		0	0		29-Jun-12	29-Jun-12
CS0SUS1000	BOP - SUBSTANTIAL COMPLETION (ALL UNITS)	0	0	0%		29-Jun-12*



Remaining Level of Effort | Second Baseline | Remaining Work | Milestone
Primary Baseline | Actual Work | Critical Remaining Work | Summary

TASK filter: Status Not Equal to Complete.

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Exhibit 3
Look Ahead Schedules

AZCO INC.

3-WEEK LOOK AHEAD

WORK ITEMS	MONTH	March																					% COMPLETE	COMMENTS
	DAY	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S		
	DATE	15	16	17	18	19	20	21	22	23	24	25	26	27	28	29	1	2	3	4	5	6		
GAS TURBINES																								
600,700,800,900																								
Final clean 600			x	x	x	x																		
Final clean 900			x	x	x	x	x																	
Top off oil reservoirs				x	x																			
North side platforms			x	x	x	x	x			x	x													
grout pipe supports							x			x	x	x	x											
BOP																								
Fuel gas drain supports			x	x	x	**x**																		
cathodic protection							x			x	x	x	x	x										
Chiller grouting			x	x	x	x	x			x	x													
chiller internal piping connections			x	x	x	x	x			x														
test ammonia						x	x																	

B = BEGIN S = SUSPEND C = COMPLETE X = ACTIVITY - - - = INTERMITTENT WORK P = POUR

CLIENT CH2MHILL Mariposa ISSUE DATE: October 24, 2011

LOCATION Byron, Ca 14453 BY Joe Secola, Project Coordinator

Collins Electrical Company UG & AG Electrical

3-WEEK LOOK AHEAD

WORK ITEMS	MONTH	April							April							April							%	COMMENTS
	DAY	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	M	T	W	TH	F	S	S	COMPLETE	
	DATE	16	17	18	19	20	21	22	23	24	25	26	27	28	29	30	1	2	3	4	5	6		
Non Seg Bus 600 to 900 (GCB to GSU)																							100%	
Unit 600 Wire Pulling & Terms		x	x	x	x	x	x																80%	
Unit 700 Wire Pulling & Terms																							100%	
Unit 800 Wire Pulling & Terms																							100%	
Unit 900 Wire Pulling & Terms		x	x	x	x	x	x		x	x	x	x	x	x									70%	
Grounding Grid		---	---	---	---	---			---	---	---	---	---										95%	Fence Grounding
Above Ground Conduits - FG																							90%	
Chiller AG Conduits																							30%	
Ammonia AGConduits																							100%	
Site Lighting/Site Conduits		---	---	---	---	---			---	---	---	---	---										30%	
Fuel Gas Wire Pulls & Terms		x	x	x	x	x	x																15%	
Chiller Wire Pulls & Terms		x	x	x	x	x	x		x	x	x	x	x	x									10%	
Tank Farm Wire pull & Terms																							98%	
Plant Air Wire Pull & Terms																							100%	
Punch List		x	x	x	x	x			x	x	x	x	x			x	x	x	x	x			20%	
																							0%	
Fuel Gas Tubing		x	x	x																			60%	
Ammoina		x	x	x	x	x	x																60%	
Unit 6 Tubing		x	x	x	x	x	x																80%	
Unit 9 Tubing		x	x	x	x	x	x		x	x	x	x	x										70%	
Security		x	x	x	x	x			x	x	x	x	x			x	x	x	x	x			0%	
Heat Trace		x	x	x	x	x			x	x	x	x	x			x	x	x	x	x			5%	
Lightning Protection at Admin/Warehouse									x	x	x	x	x										80%	

T = Testing/Hipot S = SUSPEND D = Install DB X = ACTIVITY - - - = INTERMITTENT WORK

CLIENT CH2MHILL Mariposa ISSUE DATE: April 16, 2012

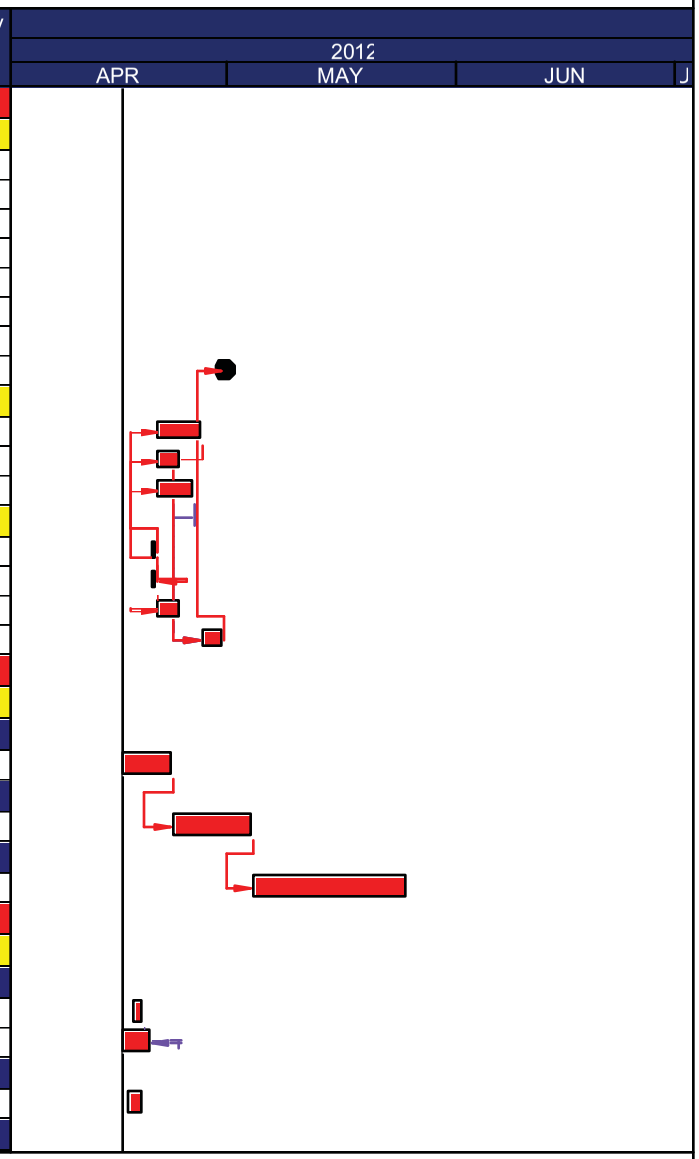
LOCATION Byron, Ca BY

Newtron Switchyard
3 Week look-a-head

	4/16/12 Mon	4/17/12 Tues	4/18/12 wed	4/19/12 Thurs	4/20/12 Fri	4/23/12 Mon	4/24/12 Tues	4/25/12 wed	4/26/12 Thurs	4/27/12 Fri
Steel Structures Equipment										
Pole 8 Fiber Terms						X	X			
Install 4160 Cable				X						
Demob/Clean up			X		X					
Close out docs						X	X			

Design/Build
Mariposa Energy

Activity ID	Description	Original Duration	Early Start	Early Finish	Total Float	Responsibility
1 - ADMINISTRATION						
1-1 - CONTRACT						
100(	Notice of Awar	0	06MAY11 A			CH2M-HILL
101(	Contract Review (by WE	5d	02MAY11 A	06MAY11 A		WEL
102(	Certificates of Insuranc	5d	02MAY11 A	06MAY11 A		WEL
103(	Bonds	5d	02MAY11 A	17OCT11 A		WEL
104(	Contract Document Review (by CH2M	5d	09MAY11 A	06MAY11 A		CH2M-HILL
105(	Notice to Procee	0	06MAY11 A			CH2M-HILL
106(	Mobilization	3d	02AUG11 A	14NOV11 A		WEL
107(	Contract Completio	0		30APR12	-26d	WEL/CH2M
1-2 - PROJECT CLOSEOUT						
121(	Record Drawings	5d	21APR12	27APR12	-26d	WEL
122(	Spare Parts	2d	21APR12	24APR12	-23d	WEL
124(	Operation & Maintenance Manua	4d	21APR12	26APR12	-25d	WEL
1-3 - COMMISSIONING						
140(	Clean-up	1d	20APR12	21APR12	-26d	WEL
141(	Starting and Adjusting	1d	20APR12	21APR12	-26d	WEL
142(	Functional Performance Testin	2d	21APR12	24APR12	-21d	WEL
144(	Owner Training	2d	27APR12	30APR12	-26d	WEL/CH2M
2 - PRE-CONSTRUCTION ACTIVITY						
2-2 - MATERIAL PROCUREMENT						
2-2.1 - SUBMITTALS						
204E	Testing, Adjusting and Balancin	6d	16APR12	23APR12	-45d	WEL
2-2.2 - SUBMITTAL REVIEW						
224E	Testing, Adjusting and Balancin	10d	23APR12	04MAY12	-45d	WEL
2-2.3 - FABRICATION AND DELIVERY						
244E	Testing, Adjusting and Balancin	15d	04MAY12	25MAY12	-45d	WEL
3 - CONSTRUCTION						
3-2 - WAREHOUSE						
3-2.2 - STRUCTURE						
336(	Gutters & RWI	2d	18APR12	19APR12	-25d	WEL
3362	Trim & Flashings	2d	16APR12	20APR12	-26d	WEL
3-2.3 - MEP						
719(	Plumbing Fixture	2d	17APR12	19APR12	-17d	WEL
3-2.4 - FINISHES						



Data date	16APR12
Start date	02MAY11
Must finish date	30MAR12
Page number	1A

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W. E. Lyons Construction
4-Week Look Ahead
April 16, 2012

Early bar
Progress bar
Critical bar
Summary bar
Progress point
Critical point
Summary point
Start milestone point
Finish milestone point

Design/Build
Mariposa Energy

Activity ID	Description	Original Duration	Early Start	Early Finish	Total Float	Responsibility
9194	Acoustic Ceiling Tiles	2d	19APR12	20APR12	-18d	WEL

2012
APR MAY JUN J

Data date	16APR12
Start date	02MAY11
Must finish date	30MAR12
Page number	2A

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W. E. Lyons Construction
4-Week Look Ahead
April 16, 2012

Early bar
Progress bar
Critical bar
Summary bar
Progress point

Critical point
Summary point
Start milestone point
Finish milestone point

Mariposa Energy Project

Summit Fire Protection

Today's Date: 4/16/2012 Monday
(vertical red line)

Project Lead: Chris Kirby
Start Date: 2/6/2012 Monday

First Day of Week (Mon=2): 2

WBS	Tasks	Task Lead	Start	End	Duration (Days)	% Complete	Working Days	Days Complete	Days Remaining
1	**Admin Bldg**		2/06/12	3/30/12	54	100%	40	54	0
1.1	Summit Installation		2/06/12	3/02/12	26	100%	20	26	0
1.2.1	MNC Conduit & Boxes		3/12/12	3/23/12	12	100%	10	12	0
1.2.2	MNC Wire		3/19/12	3/23/12	5	100%	5	5	0
1.2.3	MNC Install Devices		3/26/12	3/30/12	5	100%	5	5	0
2	**Warehouse**		2/20/12	4/18/12	59	73%	43	43	16
2.1	Summit Installation		2/20/12	3/16/12	26	100%	20	26	0
2.2.1	MNC Conduit & Boxes		4/11/12	4/20/12	10	50%	8	5	5
2.2.2	MNC Wire		4/11/12	4/20/12	10	50%	8	5	5
2.2.3	MNC Install Devices		4/11/12	4/20/12	10	50%	8	5	5
3	**CEMS Bldgs**		3/12/12	3/30/12	19	100%	15	19	0
3.1.1	MNC Conduit & Boxes		3/12/12	3/16/12	5	100%	5	5	0
3.1.2	MNC Wire		3/19/12	3/23/12	5	100%	5	5	0
3.1.3	MNC Install Devices		3/26/12	3/30/12	5	100%	5	5	0
4	**PCM Bldgs**		3/12/12	3/30/12	19	100%	15	19	0
4.1.1	MNC Conduit & Boxes		3/12/12	3/16/12	5	100%	5	5	0
4.1.2	MNC Wire		3/19/12	3/23/12	5	100%	5	5	0
4.1.3	MNC Install Devices		3/26/12	3/30/12	5	100%	5	5	0
5	**PDC Bldg**		3/12/12	3/30/12	19	100%	15	19	0
5.1.1	MNC Conduit & Boxes		3/12/12	3/16/12	5	100%	5	5	0
5.1.2	MNC Wire		3/19/12	3/23/12	5	100%	5	5	0
5.1.3	MNC Install Devices		3/26/12	3/30/12	5	100%	5	5	0
6	**Pump House**		3/12/12	3/23/12	12	100%	10	12	0
6.1.1	MNC Conduit & Boxes		3/12/12	3/16/12	5	100%	5	5	0
6.1.2	MNC Wire		3/12/12	3/16/12	5	100%	5	5	0
6.1.3	MNC Install Devices		3/19/12	3/23/12	5	100%	5	5	0
7	**Duct Bank Wire Install**		4/09/12	4/27/12	19	25%	15	4	15
7.1	MNC Installation		4/16/12	4/27/12	12	25%	10	3	9
8	**Testing**		4/30/12	5/04/12	5	45%	5	2	3
8.1	Summit		4/30/12	5/04/12	5	90%	5	4	1
8.2	MNC		4/30/12	5/04/12	5	0%	5	0	5
9	**Fire Extinguishers**		4/02/12	4/05/12	4	100%	4	4	0
9.1	Summit Installation		4/02/12	4/05/12	4	100%	4	4	0
10	**Equipment Houses**		4/02/12	4/05/12	4	100%	4	4	0
10.1	Summit Installation		4/02/12	4/05/12	4	100%	4	4	0
11	**Bollards**		4/10/12	4/20/12	11	85%	9	9	2
11.1	Summit Installation		4/10/12	4/20/12	11	85%	9	9	2
12	**Raised Bldg Conduit**		4/09/12	4/18/12	10	100%	8	10	0
12.1	MNC Installation		4/09/12	4/18/12	10	100%	8	10	0

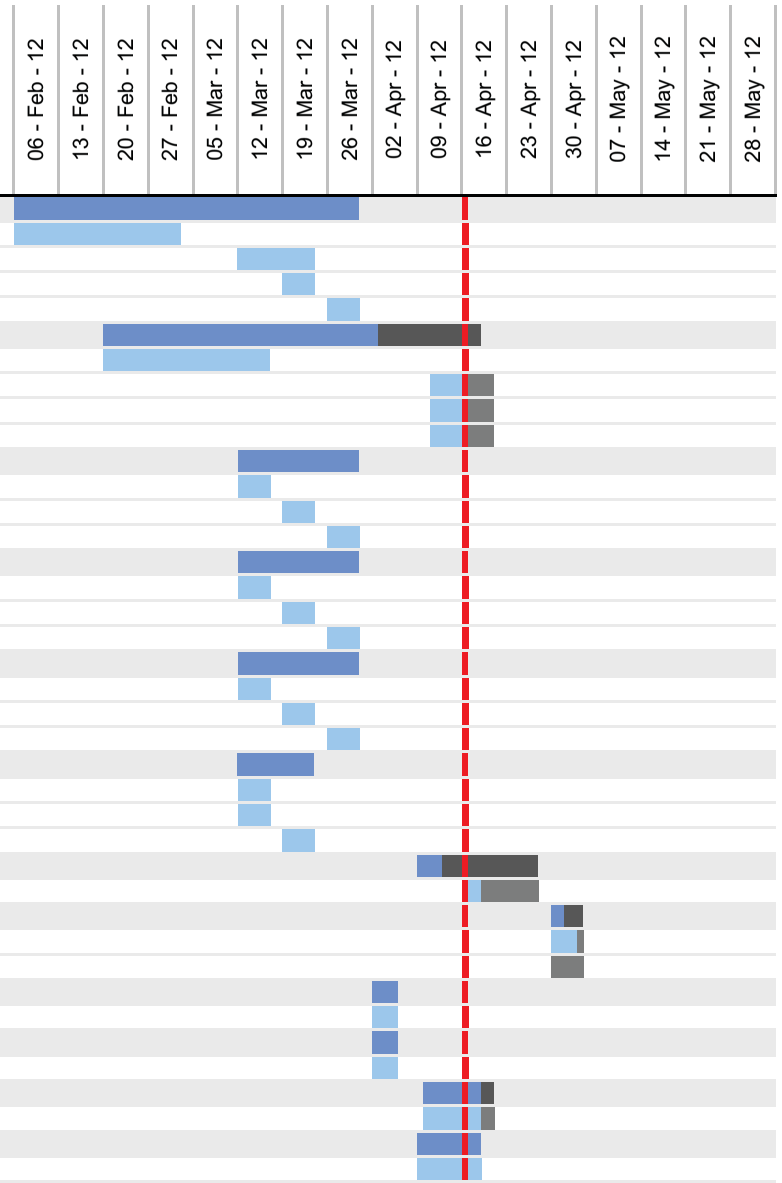


Exhibit 4
Key Events List

COMPLIANCE TABLE 1
SUMMARY of COMPLIANCE CONDITIONS OF CERTIFICATION

KEY EVENTS LIST

PROJECT: Mariposa Energy Project

DOCKET #: 09-AFC-03C

COMPLIANCE PROJECT MANAGER: Craig Hoffman

EVENT DESCRIPTION	DATE
Certification Date	5/18/11
Obtain Site Control	6/15/11*
Online Date	7/1/12
POWER PLANT SITE ACTIVITIES	
Start Site Mobilization	6/7/11
Start Ground Disturbance	6/7/11
Start Grading	6/15/11
Start Construction	6/7/11
Begin Pouring Major Foundation Concrete	6/22/11
Begin Installation of Major Equipment	10/21/11
Completion of Installation of Major Equipment	5/1/12
First Combustion of Gas Turbine	5/23/12
Obtain Building Occupation Permit	5/29/12
Start Commercial Operation	7/1/12
Complete All Construction	7/1/12
TRANSMISSION LINE ACTIVITIES	
Start T/L Construction	09/2/11
Synchronization with Grid and Interconnection	05/19/12
Complete T/L Construction	3/9/12
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	1/17/12
Complete Gas Pipeline Construction	2/27/12
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	6/7/11
Complete Water Supply Line Construction	4/27/12

COMPLIANCE TABLE 1
SUMMARY of COMPLIANCE CONDITIONS OF CERTIFICATION

*A full NTP was issued on June 15, 2011, however a partial NTP was issued on June 3, 2011, which allowed the completion of land surveying activities, installation of the worker and biological exclusion fencing, installation of BMPs, and the completion of preconstruction surveys.

Exhibit 5
Construction Photographs

PG&E paved the inside of their meter station on April 2, 2012.

The supply and return piping to the four chillers was completed in April.

A scaffold was set up to allow the installation of media into the top of the multi-media filter skid the first week in April.

After the paving, the meter station piping was reinstalled and the instruments and controls were installed.

The OPGW fiber optic cable on the T-line was spliced with the ADSS fiber cable to the PDC at the dead-end structure.

Air Conditioning units were installed on the sides of the chillers in mid-April.

Cable pulled and partially terminated between the anti-icing heater transformer and the anti-icing heater building electrical panels.

The "walk-down" of unit 700 on April 13, 2012 where Construction and Start-up confirm the unit is ready for the Start-up team to assume control and begin testing systems.

Installation of tubing and pressure gauges at the ECM's was completed in April.

Installation of the fuel gas compressor sound enclosure was completed in April.

Prior to the walk-downs the inside of the turbines and generators were thoroughly cleaned.

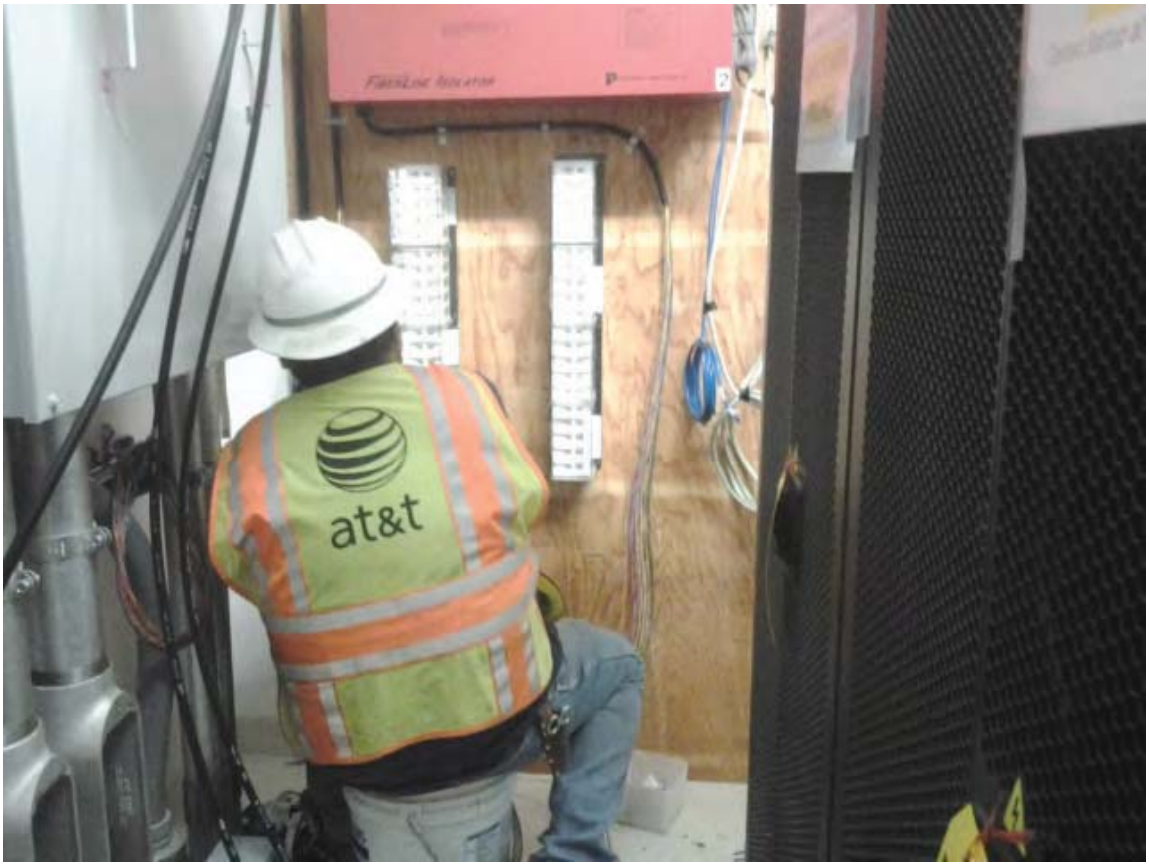
Umbilicals in place from the CEMS building to the ECM.

PG&E brought conductors from their switchyard to pole ST-8 in mid-April. They will not complete the jumper connections until they are ready to provide power for backfeed in May.

Lights at the ECM and stack platforms were installed on units 600, 700 and 800 in April.

The warehouse was substantially completed in April. Here the lights are operational.

The first demineralized water treatment trailer was delivered on April 18, 2012.



AT&T work on terminating the telephone lines for the plant in the Control Building.

The exhaust for the articulating welding hood installed in the warehouse.

The permanent fence for the plant was installed on the east side in April.

The potable water treatment system was completed in April.

Installation of insulation of fuel gas piping, demineralized water piping and chiller water piping began in late April.

Site light poles were installed on April 27, 2012.

The status of construction at the south end of the plant as of April 30, 2012.

The status of construction at the center of the plant on April 30, 2012.

The status of construction at the north end of the plant on April 30, 2012.

Exhibit 6
Master Submittal Schedule and Transmittals for STRUC, MECH, and ELEC

Master Submittal Schedule

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
					GENERAL						
		Index	CBO-001		Drawing and Specification Index (this document)		approval	Y	GEN-2a, 2b, TSE-1	Gen 2-1.0 approved 7/1/11	
		Resumes	G-P2001		Engineers of Record Resumes		issued	Y	GEN-4a, 5a	Approved	
			M_L3_Sched_110302		Project Schedule for Mariposa Energy Project (prelim L# baseline)		issued	Y	GEN	Approved	
					Supplier QA/QC plans for approved fabricator status	varies	Information	Y	BV sect 9	on going	
	GA	Drawing			**LAYOUTS**						
	GA	Drawing			**Drawings**						
	GA	Drawing	G-PK001	1	General Arrangement Drawing Index	5/31/11	issued	Y	reference	R1 Approved 10/11/11	CBO-001/A3,4
	GA	Drawing	G-PP001	1	General Arrangement Site Plan	4/14/11	issued	Y	reference	R1 Approved 10/11/11	CBO-001/A3,4
	GA	Drawing	G-PE001	1	General Arrangement Equipment Location Plan	5/31/11	issued	Y	reference	R1 Approved 10/11/11	CBO-001/A3,4
	GA	Drawing	G-PE601	1	General Arrangement Unit 600 Power Block Area Plan	5/31/11	issued	Y	reference	R1 Approved 10/11/11	CBO-001/A3,4
	GA	Drawing	G-PE701	1	General Arrangement Unit 700 Power Block Area Plan	5/31/11	issued	Y	reference	R1 Approved 10/11/11	CBO-001/A3,4
	GA	Drawing	G-PE801	1	General Arrangement Unit 800 Power Block Area Plan	5/31/11	issued	Y	reference	R1 Approved 10/11/11	CBO-001/A3,4
	GA	Drawing	G-PE901	2	General Arrangement Unit 900 Power Block Area Plan	5/31/11	issued	Y	reference	R1 Approved 10/11/11; Rev 2 approved 11/22	CBO-001/A3,4
	GA	Drawing	G-PE002	2	General Arrangement Water Treatment Area Plan	5/31/11	issued	Y	reference	R1 Approved 10/11/11; Rev 2 approved 11/22	CBO-001/A3,4
	GA	Drawing	G-SS001	0	Gen. Arrangement Sections A-A & E-E Unit 600 (Looking N & S)	5/31/11	information	N	-	RO Approved 10/11/11	-
	GA	Drawing	G-SS002	0	General Arrangement Section B-B Overall Elevation View (Looking E)	5/31/11	information	N	-	RO Approved 10/11/11	-
	GA	Drawing	G-SS003	0	General Arrangement Sections C-C & F-F PDC, Chillers & Water Treatment (Looking N)	5/31/11	information	N	-	RO Approved 10/11/11	-
	GA	Drawing	G-SS004	0	General Arrangement Section D-D Overall Elevation View (Looking West)	5/31/11	information	N	-	RO Approved 10/11/11	-
	GA	Drawing	G-PC001	4	Construction Laydown & Parking Plan	5/31/11	issued	Y	BV request	R0 Approved 9/7/11; rev 1 reference only 3/13/12	-
9/11	GA	Drawing	S-D5001	1	Construction Offices Site layout	-	issued	Y	BV request	R0 Approved 9/7/11; rev 1 reference only 3/13/12	-
9/11	GA	Drawing	S-D5002	0	Construction Offices Accessibility Details	-	issued	Y	BV request	R0 Approved 9/7/011	-
	GA	Drawing	G-PC002	A	Transmission Line Routing Plan	-	information	N	-	R1 Approved 10/11/11	-
	CI				**CIVIL**						
	CI	Specification			**Construction Specifications**						
6/1	CI	Specification	022100	0	Surveying		Issued	N	-	-	-
	CI	Specification	310000	0	General Provisions–Site Work	5/10/11	Issued	Y	CIVIL-1a	Approved	
	CI	Specification	312000	2	Earthwork	5/10/11	Issued	Y	CIVIL-1	Approved 6/23	
	CI	Specification	312333	1	Trench Excavation	5/10/11	Issued	Y	CIVIL-1a	Approved	
	CI	Specification	312500	Void	Erosion and Sediment Control - Deleted (see SWPPP)		VOID	N	-	-	-
	CI	Specification	321123	1	Aggregate Base	5/10/11	Issued	Y	CIVIL-1a	Approved	
	CI	Specification	321216	0	Asphaltic Concrete Pavement	5/10/11	Issued	Y	CIVIL-1a	Approved	
	CI	Specification	323113	0	Chain Link Fence and Gates	5/10/11	Issued	N	-	-	-
11/11	CI	Specification	323234	0	Mechanically Stabalized Earth (MSE) Slopes		Issued	Y	CIVIL-1a	rev 0 approved 12/1/11	
	CI	Specification	334000	0	Storm Sewers and Drainage Structures	5/10/11	Issued	Y	CIVIL-1a	Approved	
	CI	Drawing			**DRAWINGS**						
	CI	Drawing	C-N0001	0	Project Information and General Notes	3/9/11	Issued	Y	CIVIL-1a	Approved	
	CI	Drawing	C-S0001	2	Overall Site Plan	4/22/11	Issued	Y	CIVIL-1a	R2 Approved 8/23	
	CI	Drawing	C-G0001	2	Finish Grading & Drainage Plan sht 1	4/22/11	Issued	Y	CIVIL-1a	R2 Approved 8/23	
	CI	Drawing	C-G0002	5	Finish Grading & Drainage Plan sht 2	4/22/11	Issued	Y	CIVIL-1a	R4 Approved 9/23; Rev 5 approved 11/30/11	
	CI	Drawing	C-G0003	1	Finish Grading & Drainage Plan sht 3	4/22/11	Issued	Y	CIVIL-1a	R1 Approved	
	CI	Drawing	C-G0004	1	Finish Grading & Drainage Plan sht 4	4/22/11	Issued	Y	CIVIL-1a	R1 Approved	
	CI	Drawing	C-G0005	2	Finish Grading & Drainage Plan sht 5	4/22/11	Issued	Y	CIVIL-1a	R2 Approved 8/23	
	CI	Drawing	C-G0006	3	Finish Grading & Drainage Plan sht 6	4/22/11	Issued	Y	CIVIL-1a	R3 Approved 8/23	
	CI	Drawing	C-G0010	0	Finish Grading & Drainage Sections & Details sheet 1	4/22/11	Issued	Y	CIVIL-1a	Approved	
	CI	Drawing	C-G0011	1	Finish Grading & Drainage Sections & Details sheet 2	4/22/11	Issued	Y	CIVIL-1a	Approved	
	CI	Drawing	C-G0012	1	Grading & Drainage Sections & Details	4/22/11	Issued	Y	CIVIL-1a	R1 Approved 8/23	
8/11	CI	Drawing	C-G0013	0	Outlet Structure Details	4/22/11	Issued	Y	CIVIL-1a	R0 Approved 8/26/11	
11/11	CI	Drawing	C-G0014	0	Grading & Drainage Sections & Details		Issued	Y	CIVIL-1a	rev 0 approved 12/1/11	
	CI	Drawing	C-HC001	1	Plant Loop Road Horizontal Control	4/22/11	Issued	Y	CIVIL-1a	Approved	
	CI	Drawing	C-SF001	1	Surfacing Plan	4/22/11	Issued	Y	CIVIL-1a	Approved	
	CI	Drawing	C-PR001	0	Road Profiles sht 1	4/22/11	Issued	N	-	Approved	-
	CI	Drawing	C-PR002	1	Road Profiles sht 2	4/22/11	Issued	N	-	R1 Approved 8/23	-
	CI	Drawing	C-PR003	1	Storm Sewer Profiles sht 1	5/24/11	approval	Y	CIVIL-1a	R1 Approved 8/23	
	CI	Drawing	C-ST001	2	Overall Storm Drain Plan	5/24/11	approval	Y	CIVIL-1a	R2 Approved 8/23	
	CI	Drawing	C-W0020	2	Plant Access road Plan & Profile sheet 1	4/22/11	Issued	Y	Trans-4a	Rev 1 Reference Only; Rev 2 approved 3/1/12	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	CI	Drawing	C-W0021	3	Plant Access road Plan & Profile sheet 2	4/22/11	Issued	Y	Trans-4a	R0 Reference Only. Rev 3 Approved 8/22	
5/31	CI	Drawing	C-W0022	A	Kelso Construction Access Encroachment	--	Issued	Y	-	-	
5/31	CI	Drawing	C-D0001	2	Site Security Fence and Gate Details	5/10/11	Issued	N	-	-	-
5/31	CI	Drawing	C-D0002	2	Site Substation Fence and Gate Details	5/10/11	Issued	N	-	-	-
5/31	CI	Drawing	C-D0003	1	Site Security Fence Slide Gate Detail	5/10/11	Issued	N	-	-	
5/31	CI	Drawing	C-FN001	3	Site Fencing Plan	5/10/11	Issued	N	-	-	
	CI	Study/Calc			**Calculations**		-	-	-	-	-
5/11	CI	Study/Calc	CE-01	1	Hydrology Calculations	7/26/11	Issued	Y	CIVIL-1a	R0 Approved 5/10/11; R1 Approved 9/28	
8/11	CI	Study/Calc	CE-03	0	Outlet Structure Calculations	7/26/11	Issued	Y	CIVIL-1a	Rev 0 Approved 8/26/11	
	~~CI~~	~~Study/Calc~~	~~deleted~~		~~Cut & Fill~~	~~7/26/11~~	~~information~~	~~Y~~	~~CIVIL-1a~~	-	-
	ST				**STRUCTURAL**						
	ST	Specification			**Engineering Specifications**	-	-	-	-	-	CBO-001/A E1
	ST	Specification	013610		Civil, Structural, Architectural, and Site Requirements	4/7/11	information	N	-	-	
	ST	Specification	014523	1	Sampling Testing and Inspection of Concrete and Earthwork	4/7/11	Issued	Y	Struc1a,b,c	Approved	
	ST	Specification	033000	3	Cast-in-Place Concrete	4/7/11	Issued	Y	Struc-1a,b,c	Approved; R3 approved 12/8/11	
	ST	Specification	036000	0	Structural & Equipment Grouting	4/7/11	Issued	Y	Struc-1a,b,c	Approved	
	ST	Specification	051000	0	Erection of Structural & Miscellaneous Steel	4/11/11	Issued	Y	Struc-1a,b,c	Rev 0 approved 9/20/11	
	ST	Specification	051200	0	Supply & Fabrication of Structural & Misc Steel	4/11/11	information	Y	Struc-1a,b,c	Rev 0 approved 9/20/11	
	ST	Specification	099001	1	Protective Coatings	4/11/11	Issued	Y	Struc-1a,b,c	Rev 0 & Rev 1 Reference only	
	ST	Specification	133419	1	Pre-Engineered Building (colloboration w/ Architectural)	2/23/11	Issued	Y	Struc-1a,b,c	Rev 1 approved	
	ST	Drawing			**General Drawings**	-	-	-	-	-	-
	ST	Drawing	S-S0001	0	Structural Cover Sheet	4/19/11	Issued	Y	Struc-1a,b,c	R0 Approved Struc1-1.0 4/18	
	ST	Drawing	S-S0002	2	Concrete Notes and Standard Details Sheet 1	4/19/11	Issued	Y	Struc-1a,b,c	R0 Approved Struc 1-1.0; R1 Approved 9/28; R2 Approved 10/14/11	
	ST	Drawing	S-S0003	1	Concrete Standard Details Sheet 2	4/19/11	Issued	Y	Struc-1a,b,c	R0 Approved Struc 1-1.0 4/18; R1 Approved 9/28	
	ST	Drawing	S-S0004	0	Concrete Standard Details Sheet 3	4/19/11	Issued	Y	Struc-1a,b,c	Approved	
	ST	Drawing	S-S0005	0	Structural Steel Notes and Standard Details Sheet 1	4/19/11	Issued	Y	Struc-1a,b,c	Approved 7/19	F
	ST	Drawing	S-S0006	0	Structural Steel Typical Details Sheet 2	4/19/11	Issued	Y	Struc-1a,b,c	Approved 7/19	
	ST	Drawing	S-S0007	1	Structural Steel Typical Details Sheet 3	4/19/11	Issued	Y	Struc-1a,b,c	Approved 7/19	
	ST	Drawing	S-S0008	2	Structural Engineer's Statement of Special Inspection Program	4/19/11	Issued	Y	Struc-1a,b,c	Approved	
	ST	Drawing			**Concrete Drawings**	-	-	-	-	-	-
	ST	Drawing	S-C1001	1	Foundation Location Plan	6/14/11	Issued	Y	Struc-1a,b,c	R1 approved 8/4/11	
5/31	~~ST~~	~~Drawing~~	~~S-C1002~~	Deleted	~~Warehouse Building Foundation Plan (may incl w/ bldg sub)~~	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	-	
5/31	~~ST~~	~~Drawing~~	~~S-C1003~~	Deleted	~~Warehouse Building Foundation Sections (may incl w/ bldg sub)~~	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	-	
5/31	~~ST~~	~~Drawing~~	~~S-C1004~~	Deleted	~~Control/Admin Building Foundation Plan (may incl w/ bldg sub)~~	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	-	
5/31	~~ST~~	~~Drawing~~	~~S-C1005~~	Deleted	~~Control/Admin Building Foundation Sections (may incl w/ bldg sub)~~	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	-	
5/31	~~ST~~	~~Drawing~~	~~S-C1006~~	Deleted	~~Air Compressor Shed Foundation Plan & Sections~~	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	-	
	ST	Drawing	S-C1007	1	CTG Foundation Plan - Sections and Details	6/17/11	Issued	Y	Struc-1a,b,c	Approved 7/7	
	ST	Drawing	S-C1008	1	CTG Foundation Plans - Grouting Plan	6/17/11	Issued	Y	Struc-1a,b,c	Approved 7/7	
	ST	Drawing	S-C1009	2	CTG Auxiliary Skid, FP Skid. & Sprint Skid Fdn Plans & Sections	6/17/11	Issued	Y	Struc-1a,b,c	R1 Approved 7/7: R2 Approved 9/28	
	ST	Drawing	S-C1010	0	CTG Anchor Bolt & Grout Pocket Details	6/17/11	Issued	Y	Struc-1a,b,c	Approved	
	ST	Drawing	S-C1011	2	CTG Transformer Fdn. Plans, Sections & Details	6/17/11	Issued	Y	STRUC-1	Approved 8/17/11	
	ST	Drawing	S-C1012	2	CTG Power Control Module Fdn. Plan, Sections & Details	6/17/11	Issued	Y	Struc-1a,b,c	R2 Approved 9/21	
	ST	Drawing	S-C1013	2	CTG LO Cooler Foundation Plan & Sections	6/17/11	information	Y	Struc-1a,b,c	R2 Approval 9/19/11	
	ST	Drawing	S-C1014	2	ECM Foundation Plan and Sections	6/22/11	Issued	Y	STRUC-1	Conditional approval 6/22. Rev 2 Approved 9/26	
	ST	Drawing	S-C1015	2	Ammonia Skid/CEMS Shelter Foundation Plans & Sections	5/23/11	information	Y	Struc-1a,b,c, Haz-4	Rev 0 comments, Rev 1 comments 9/21; R2 approval 3/15/12 Struc-1-7, Haz-4 &Struc-4-2 approval 12/6/11	
	ST	Drawing	S-C1016	4	~~BOP Power Distribution Center~~/Aux Transformer Foundations	9/21/11	Issued	Y	Struc-1a,b,c	Approved 8/17/11 rev 4 approved 11/28/11	
	ST	Drawing	S-C1017	1	Fuel Gas Compressor Foundations	7/27/11	Issued	Y	Struc-1a,b,c	R0 Approval 8/31/11; Rev 1 approved 12/5/11	
11/11	ST	Drawing	S-C1018	0	Fuel Gas Dew Point Heater and Anti-icing Heater Foundation		Issued	Y	Struc-1a,b,c	rev 0 Approved 11/28/11	
11/11	ST	Drawing	S-C1019	0	Anti-icing Heater Transformer Foundation		Issued	Y	Struc-1a,b,c	rev 0 Approved 11/28/11	
11/11	~~ST~~	~~Drawing~~	~~S-C1019~~	deleted	~~Gas Metering Station Foundations~~	~~10/7/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	N/A	
	ST	Drawing	S-C1020	2	Chiller Package Foundations, Plan, Sections & Details	8/8/11	Issued	Y	Struc-1a,b,c	R0 Conditional Approval 8/22; Rev 1 Approved 11/9/11; Rev 2 approved 12/12/11	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	ST	Drawing	S-C1021	1	Aqueous Ammonia System Foundations	5/20/11	information	Y	Struc-1a,b,c	R0 Conditional approval 8/30/11, Rev 1 approved 11/7/11. HAZ-4 & Struc-4-2 approval 12/6/11	10.1.2 approved which should release this
	ST	Drawing	S-C1022	1	GSU Transformer Foundation Plan & Details	7/7/11	**Issued**	Y	STRUC-1	R1 Approved 9/6/11	
	ST	Drawing	S-C1023	1	GSU Transformer Foundation Sections & Details	7/7/11	**Issued**	Y	STRUC-1	R1 Approved 9/6/11	
	ST	Drawing	S-C1024	1	Fuel Gas Filter/Drains Tank Foundations Plan & Details	6/21/11	**Issued**	Y	Struc-1a,b,c	R0 Approval 8/31/11; Rev 1 approval 11/10/11	
	ST	Drawing	S-C1025	1	Oil/Water Separator Foundation Plans & Sections	5/26/11	Issued	Y	Struc-1a,b,c	R0 Approval 8/25/11; Rev 1 Approved 10/6	
	ST	Drawing	S-C1026	0	Service/Waste/Demin Water Pump Foundation Plans & Sections	7/12/11	information	Y	Struc-1a,b,c	Rev 0 approved 11/16/11	
	ST	Drawing	S-C1027	1	Fire Protection Water Pump Foundation Plans & Sections	5/19/11	**Issued**	Y	Struc-1a,b,c	R1 Approved 8/23/11	
	ST	Drawing	S-C1028	1	Raw Water Tank Foundation Plans & Sections	8/2/11	**Issued**	Y	Struc-1a,b,c	Conditional approval 8/30/11; rev 1 Approval 11/7/11	
10/11	ST	Drawing	S-C1029	1	Multimedia Filter Skid Foundation	8/9/11	**Issued**	Y	Struc-1a,b,c	Rev 0 approved 11/16/11	
10/11	ST	Drawing	S-C1030	1	PDC Foundation Plan, Section and Details	6/16/11	information	Y	Struc-1a,b,c	Rev 1 approved 11/3/11	
	ST	Drawing	S-C1031	2	Miscellaneous Pipe Support Foundations - Plans & Sections	6/16/11	**Issued**	Y	Struc-1a,b,c	Rev 2 approved 1/7/12	
11/11	ST	Drawing	S-C1032	3	Miscellaneous Pipe Support Foundations - Plans & Sections		**Issued**	Y	Struc-1a,b,c	Rev 3 approved 1/7/12	
11/11	ST	Drawing	S-C1033	1	Fuel Gas Letdown Station & CTG Engine Removal Foundation		**Issued**	Y	Struc-1a,b,c	rev 0 approved 11/29/11; Rev 1 Approved 1/26/12	
11/11	ST	Drawing	S-C1034	2	MCC & CTG Engine Rotor Removal Foundation		**Issued**	Y	Struc-1a,b,c	rev 0 approved 12/15/11; rev 2 approved 1/23/12	
2/12	ST	Drawing	S-C1035	0	Tank and Pump Housekeeping Pad		**Issued**	Y	Struc-1a,b,c	R1 comments 3/2/12; R0 comments 2/10/12	
	ST	Drawing			**Steel Drawings**				**CBO-001/A E1**	--	**CBO-001/A E1**
	ST	Drawing	S-S1001	3	CTG Access Platforms Plans Sections & Details	11/15/11	Issued	Y	Struc-1a,b,c	R2 Approved 9/20/11; R3 Approved 1/30/12	
8/11	~~ST~~	~~Drawing~~	~~S-S1002~~	deleted	~~Chiller Package Access Platforms Plans Sections & Details~~	~~11/15/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	--	
	ST	Drawing	S-S1003	1	GSU Transformer Access Platforms Plans Sections & Details	11/15/11	Issued	Y	Struc-1a,b,c	Rev 0 Approved 9/29/11; Rev 1 approved 2/2/12	
	ST	Drawing	S-S1004	1	Aux Transformer Access Platforms Plans Sections & Details	11/15/11	Issued	Y	Struc-1a,b,c	Rev 0 Approved 9/29/11; Rev 1 approved 2/2/12	
10/19	ST	Drawing	S-S1005	0	PDC Access Platforms Plans Sections & Details	11/15/11	Issued	Y	Struc-1a,b,c	Rev 0 Approved 9/29/11	
	ST	Drawing	S-S1006	0	PDC Access Platforms Plans and Sections	11/15/11	information	Y	Struc-1a,b,c	Rev 0 Approved 11/7/11	
	ST	Drawing	S-S1007		Misc Tee Supports- Non-Seg. Bus Duct -Plans, Sections	11/15/11	information	Y	Struc-1a,b,c	Rev 0 Approved 12/22/11	
12/11	ST	Drawing	S-S1008	0	Misc Tee Supports- Elevations, Sections, Details sht 1	--	Issued	Y	Struc-1a,b,c	Rev 0 Approved 12/22/11	
12/11	ST	Drawing	S-S1009	0	Misc Tee Supports- Elevations, Sections, Details sht 2	--	Issued	Y	Struc-1a,b,c	Rev 0 Approved 12/22/11	
12/11	ST	Drawing	S-S1010	0	Misc Tee Supports- Elevations, Sections, Details sht 3	--	Issued	Y	Struc-1a,b,c	Rev 0 Approved 12/22/11	
12/11	ST	Drawing	S-S1011	0	Misc Tee Supports- Elevations, Sections, Details sht 4	--	Issued	Y	Struc-1a,b,c	Rev 0 Approved 12/22/11	
12/11	ST	Drawing	S-S1012	1	GSU Transformer to CTG Bus Supports Elev, Sect, Details	--	Issued	Y	Struc-1a,b,c	Rev 0 approved 12/22/11; rev 1 Approved 12/28/11	
12/11	ST	Drawing	S-S1013	1	SST Transformer Bus Supports Elev, Sect, Details	--	Issued	Y	Struc-1a,b,c	Rev 0 approved 12/22/11; rev 1 Approved 12/28/11	
12/11	ST	Drawing	S-S1014	1	Aux Transformer Bus Supports Elev, Sect, Details	--	Issued	Y	Struc-1a,b,c	Rev 0 approved 12/22/11; rev 1 Approved 12/28/11	
2/12	ST	Drawing	S-S1015	0	Misc Supports	--	Issued	Y	Struc-1a,b,c	rev 0 approved 2/17/12	
	ST	Calc/Study			**Calculations**	--	Issued	Y		--	
5/11	~~ST~~	~~Calc/Study~~	~~SC-01 pending~~	~~n/a~~	~~Warehouse Foundation (if not by sub);~~ **by Subcontractor**	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	--	
5/11	~~ST~~	~~Calc/Study~~	~~SC-02 pending~~	~~n/a~~	~~Admin Building Foundation (if not by sub);~~ **by Subcontractor**	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	--	
10/11	~~ST~~	~~Calc/Study~~	~~SC-03~~	~~n/a~~	~~Air Compressor Shed Foundation~~	~~8/5/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	--	
	ST	Calc/Study	SC-04	2	CTG Foundation & Misc. Skids	6/17/11	Issued	Y	Struc-1a,b,c	R2 Approved 9/28	
	ST	Calc/Study	SC-05	1	ECM Foundation & Misc. Skids	6/22/11	Issued	Y	STRUC-1	Conditional approval 6/22; R1 Approved 9/26	
	ST	Calc/Study	SC-06	3	Fire Water Pump Foundations	9/6/11	information	Y	Struc-1a,b,c	R3 Approved 8/23/11	
	ST	Calc/Study	SC-07	1	Ammonia Skid / CEMS Shelter Foundations	5/23/11	information	Y	Struc-1a,b,c	R1 approved Struc-1-7 3/15/12,	
	ST	Calc/Study	SC-08	2	CTG LO Cooler Foundation	6/17/11	Issued	Y	Struc-1a,b,c	R2 Approval 9/19/11	
	ST	Calc/Study	SC-09	1	Fuel Gas Compressor Foundations	7/27/11	Issued	Y	Struc-1a,b,c	R0 Approval 8/31/11; Rev 1 approved 12/5/11	
10/11	~~ST~~	~~Calc/Study~~	~~SC-10~~	~~n/a~~	~~Fuel Gas Compressor Cooler & Misc. Foundations~~	~~7/27/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	--	
	ST	Calc/Study	SC-11	1	Chiller Package Foundations	8/8/11	issued	Y	Struc-1a,b,c	R0 Conditional Approval 8/22; Rev 1 Approved 11/9/11	
10/11	~~ST~~	~~Calc/Study~~	~~SC-12~~	~~n/a~~	~~Water Wash Drains Sump & Skid~~	~~6/17/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	--	
	ST	Calc/Study	SC-13	1	Misc Transformer Foundations	9/21/11	Issued	Y	Struc-1a,b,c	Approved 8/17/11	
	ST	Calc/Study	SC-14	1	Main GSU Transformer Foundation	7/7/11	information	Y	Struc-1a,b,c	R1 Approved 9/6/11	
	ST	Calc/Study	SC-15	0	PDC Foundation	6/17/11	Issued	Y	Struc-1a,b,c	Rev 0 approved 11/3/11	
	ST	Calc/Study	SC-16	0	Tank Foundations	8/2/11	information	Y	Struc-1a,b,c	Conditional approval 8/30/11. rev 0 Approved 11/7/11	
10/11	~~ST~~	~~Calc/Study~~	~~SC-17~~	n/a	~~Generator Circuit Breaker Foundation~~ - see Jensen Vault	~~9/21/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	N/A	

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	ST	Calc/Study	SC-18	0	Aqueous Ammonia System Foundations	5/20/11	information	Y	Struc-1a,b,c	Conditional approval 8/30/11. rev 0 Approved 11/7/11	
	ST	Calc/Study	SC-19	0	Oil/Water Separator Foundation Plans & Sections	5/26/11	Issued	Y	Struc-1a,b,c	R0 Approval 8/25/11	
11/11	~~ST~~	~~Calc/Study~~	~~SC-20~~	Deleted	~~Miscellaneous Pipe Support Foundations~~ - See SC-25, SC-26	~~6/16/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	N/A	
5/11	ST	Calc/Study	SC-21	2	CTG PCM (power control module)	6/17/11	information	Y	Struc-1a,b,c	R2 Approved 9/21	
11/11	ST	Calc/Study	SC-22	1	Anti-Icing heater transf, Anti-icing Heater, Fuel Gas htr foundations	--	Issued	Y	Struc-1a,b,c	rev 0 Approved 11/28; rev 1 Approved 11/28/11	
10/11	ST	Calc/Study	SC-23	0	Multimedia Filter and Water Pump Foundations Calculation	--	information	Y	Struc-1a,b,c	R0 Approval 11/16/11	
11/11	ST	Calc/Study	SC-24	0	Fuel Gas Letdown Station Foundation Calculation	--	Issued	Y	Struc-1a,b,c	rev 0 approved 11/29/11	
11/11	ST	Calc/Study	SC-25	1	Pipe Support Foundations calculation	--	Issued	Y	Struc-1a,b,c	rev 1 approved 1/17/12	
11/11	ST	Calc/Study	SC-26	1	Miscellaneous Pipe Support Foundations calculation	--	Issued	Y	Struc-1a,b,c	rev 1 approved 1/17/12	
11/11	ST	Calc/Study	SC-27	0	CIP Anchor Qualification	--	Issued	Y	Struc-1a,b,c	rev 0 approved 11/29/11	
11/11	ST	Calc/Study	SC-28	0	MCC Foundation	--	Issued	Y	Struc-1a,b,c	rev 0 approved 12/15/11 & 1/123/12	
1/12	ST	Calc/Study	SC-30	0	Misc Housekeeping Pads	--	Issued	Y	Struc-1a,b,c	R1 comments 3/2/12; R0 comments 2/11/12	
2/12	ST	Calc/Study	SC-31	0			Issued	Y		TES-4-11, TSE-1-8 approved 2/14	
	ST	Calc/Study	SS-01	2	CTG Access Platforms (or by sub)	11/15/11	Issued	Y	Struc-1a,b,c	R2 Approved 9/20/11	
	ST	Calc/Study	SS-02	1	Misc Pipe Support	11/15/11	information	Y	Struc-1a,b,c	R0 Approval 12/22/11; Rev 1 approved 2/17/12	
	ST	Calc/Study	SS-03	0	Bus duct support	11/15/11	information	Y	Struc-1a,b,c	R0 Approval 12/22/11	
1/12	ST	Calc/Study	SS-04	0	Standard Pipe Supports	--	Issued	Y	Struc-1a,b,c	rev 0 approved 2/3/12	
12/11	~~ST~~	~~Calc/Study~~	~~SS-04~~	Deleted	~~General Tee Supports for Pipe, Cable Tray and Bus~~	~~11/15/11~~	~~information~~	~~Y~~	~~Struc-1a,b,c~~	-	
	ME				**MECHANICAL / PROCESS**						
	ME	Specification			**Construction/Subcontract Specifications**	-	-	-	-	-	-
9/11	~~ME~~	~~Specification~~	deleted		~~Centerline Erection Spec~~	~~7/18/11~~	~~Information~~	~~N~~	-	N/A	-
	ME	Specification	017320	0	BOP Mechanical Installation	7/18/11	**Issued**	N	-	N/A	-
	ME	Specification	230000	1	Building HVAC	7/18/11	**Issued**	Y	Mech3	Approved	CBO-001/A M2
	ME	Specification	220000	2	Building Plumbing	7/18/11	**Issued**	Y	Mech-1	Approved	CBO-001/A M3
5/11	ME	Specification	211000	1	Fire Protection Subcontract (above ground & integration)	5/19/11	Information	Y	Fire-1-3.0	Approved. Rev 1 approved 12/1/11	
9/11	~~ME~~	~~Specification~~	deleted		~~Construction Subcontract Package~~	~~7/18/11~~	~~Information~~	~~N~~	~~N~~	N/A	-
	ME	Specification			Insulation Subcontract		Information	N	N	N/A	-
	ME	Specification			Chemical Cleaning Subcontract	6/15/11	Information	N	N	N/A	-
	ME	Specification			Performance Testing (subcontract)	6/15/11	Information	N	N	N/A	-
	ME	Specification			**Equipment Specifications**	-	-	-	-	-	-
	ME	Specification	013600	1	General Design Requirements	2/14/11	**Issued**	N	N	N/A	-
	ME	Specification	013300	0	Submittals Requirements	2/14/11	**Issued**	N	N	N/A	-
	ME	Specification	016500	1	Product Shipment, Delivery, Receiving & Storage	2/14/11	**Issued**	N	N	N/A	-
9/11	~~ME~~	~~Specification~~	deleted		~~Miscellaneous Pumps~~	~~3/30/11~~	~~Approval~~	~~N~~	~~N~~	N/A	-
	ME	Specification	213000	1	Fire Pump Skid	2/4/11	**Issued**				
	ME	Specification	221500	3	Air Compressor Package	3/22/11	**Issued**	N	N	N/A	-
	ME	Specification	236400	3	Air Coolded Chiller	1/14/11	**Issued**	N	N	N/A	
	ME	Specification	421213	1	Fuel Gas Heater	2/22/11	**Issued**	N	N	N/A	-
	ME	Specification	432113.20	0	Horizontal Pumps	3/30/11	**Issued**	N	N	N/A	-
	ME	Specification	432143.30	1	Sump Pumps	4/20/11	**Issued**	N	N	N/A	-
	ME	Specification	431213	1	Fuel Gas Compressors	1/10/11	**Issued**	N	N	N/A	-
	ME	Specification	434001	0	Polyethyelene Storage Tanks	3/31/11	**Issued**	N	N	N/A	-
	ME	Specification	434116.13	1	Underground Tanks - FRP	3/31/11	**Issued**	N	N	N/A	-
	ME	Specification	441100	3	Ammonia Storage & Transfer	3/29/11	**Issued**	Rev 2 Approval / Ref	Struc-4a / Haz-4	R3 Approved 8/9	rev 0 approved
	ME	Specification	433269 DS	A	Chemical Feed System	3/31/11	**Issued**	N	N	N/A	-
	ME	Specification	444253	0	Oil Water Separator	3/22/11	**Issued**	N	N	N/A	-
9/11	~~ME~~	~~Specification~~	deleted		~~Misc. Gas Treatment~~	~~2/22/11~~	~~Approval~~	~~N~~	~~N~~	N/A	-
	ME	Specification	441110	1	Emissions Control Module (ECM: stack, SCR, CO, attemp fans)	1/13/11	**Issued**	N	N	N/A	-
	ME	Specification	460713	2	Potable Water System	-	**Issued**	Y	Mech3	Approved	CBO-001/A M3
	ME	Specification	466100	1	Filtered Water System		**Issued**	N	N	N/A	-
9/11	~~ME~~	~~Specification~~	deleted		~~Pressure Vessels~~	-	~~Approval~~	~~N~~	~~N~~	N/A	-
5/11	~~ME~~	~~Specification~~	~~n/a~~	~~n/a~~	~~Sumps;~~ Deleted - See M-T0004, M-T0005 drawings	~~7/13/11~~	~~Approval~~	~~N~~	~~N~~	N/A	-
	ME	Drawing			**P&ID's**	-	-	-	-	-	-
	ME	Drawing	M-SYM01	2	Symbols & Nomenclature sht 1	6/29/11	**Issued**	Y	orig list; MEC-1	R1 Approved 8/29/11- Reference Only. R2 Ref Only 10/13/11	
	ME	Drawing	M-SYM02	1	Symbols & Nomenclature sht 2	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	ME	Drawing	M-AMM01	3	Aqueous Ammonia Storage and Transfer	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Ref Only 10/13/11	
	ME	Drawing	M-CHW01	3	Chilled Water System	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CM01	3	Compressed Air System Service Air sht 1	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CM02	1	Compressed Air System Instrument Air sht 2	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG61	3	CTG and Auxilliaries, Unit 600	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 pending 9/30	
	ME	Drawing	M-CTG71	3	CTG and Auxilliaries, Unit 700	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG81	3	CTG and Auxilliaries, Unit 800	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG91	3	CTG and Auxilliaries, Unit 900	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG62	3	CTG Inlet Plenum, Unit 600	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG72	3	CTG Inlet Plenum, Unit 700	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG82	3	CTG Inlet Plenum, Unit 800	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG92	3	CTG Inlet Plenum, Unit 900	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-CTG63	2	CTG Vents and Drains, Unit 600	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG73	2	CTG Vents and Drains, Unit 700	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG83	2	CTG Vents and Drains, Unit 800	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG93	2	CTG Vents and Drains, Unit 900	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG64	2	CTG/Exhaust/CEMS System, Unit 600	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG74	2	CTG/Exhaust/CEMS System, Unit 700	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG84	2	CTG/Exhaust/CEMS System, Unit 800	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-CTG94	2	CTG/Exhaust/CEMS System, Unit 900	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-DOW01	3	Oily Water Drain System Sht 1	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 pending 9/30	
	ME	Drawing	M-DOW02	2	Oily Water Drain System Sht 2	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-DOW03	3	Oily Water Drain System Sht 3	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-DW01	2	Demineralized Water System	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-FG01	3	Fuel Gas System Sht 1	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-FG02	3	Fuel Gas System sht 2	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
7/11	ME	Drawing	M-FG03	3	Fuel Gas System sht 3	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
7/11	ME	Drawing	M-FG04	3	Fuel Gas System sht 4	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-FP01	2	Fire Protection	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-PW01	3	Potable Water System sht 1	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-PW02	2	Potable Water System sht 2	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-SW01	3	Service Water System	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
	ME	Drawing	M-SWW01	1	Sanitary Waste Water System	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only	
	ME	Drawing	M-WW01	3	Waste Water System sht 1	6/29/11	**Issued**	Y	orig list; MEC-1	R2 Approved 8/29/11- Reference Only. R3 Reference 10/13/11	
7/11	~~ME~~	~~Drawing~~	~~M-WW01~~	~~0~~	~~Waste Water System sht 2~~	-	-	-	-	-	

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Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	ME	Other			**Other Mech Documents**	-	-	-	-	-	-
	ME	Criteria	FP1-1	1	Fire Risk Evaluation	4/14/11	**Issued**	Y	Fire-1	**Approved**	
	ME	List	M-EL-01	3	Equipment List	5/19/11	**Issued**	N	-	-	-
	ME	Calc/Study	ME-MEP-008	A	Compressed Air Requirements		**Issued**	N	-	-	-
	ME	Criteria	ME-MEP-009	A	Fire Protection Fire Water Pump Sizing	4/14/11	**Issued**	Y	Fire-1	**Approved**	
9/11	ME	Narrative	SDD's	mult	System Design Description (narratives; 9 docs)	-	**Issued**	N	-	-	
	ME	Drawing	M-T0001	1	Demineralized Water Storage Tank	2/21/11	**Issued**	N	-	-	-
	ME	Drawing	M-T0002	1	Raw Water / Fire Water Storage Tank	2/21/11	**Issued**	N	-	-	-
	ME	Drawing	M-T0003	1	Waste Water Storage Tank	2/21/11	**Issued**	N	-	-	-
5/11	ME	Drawing	M-T0004	0	Oily Water Sump Detail	-	**Issued**	N	-	-	-
5/11	ME	Drawing	M-T0005	0	Waste Water Sump Detail	-	**Issued**	N	-	-	-
	ME	Drawing	M-WB01	1	Water Balance- Peak	3/31/11	**Issued**	N	-	-	-
	ME	Drawing	M-WB02	1	Water Balance- Design	3/31/11	**Issued**	N	-	-	-
	AR				**ARCHITECTURAL**						
	AR	Specification			**Construction/Subcontract Specs**	-	-	-	-	-	-
6/11	AR	Specification	62000	1	Finish Carpentry	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
7/11	~~AR~~	~~Specification~~	~~72100~~	~~1~~	~~Building Insulation~~	~~2/23/11~~	**Deleted**			-	
6/11	AR	Specification	79000	1	Joint Sealants	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	81100	1	Steel Doors and Frames	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
7/11	~~AR~~	~~Specification~~	~~81400~~	~~1~~	~~Wood Doors~~	~~2/23/11~~	**Deleted**			-	5/17 lettr on index
6/11	AR	Specification	87000	1	Door Hardware	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	88000	1	Glazing	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	92116	1	Gypsum Board	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	92216	1	Non-Load Bearing Steel Framing	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
7/11	~~AR~~	~~Specification~~	~~93013~~	~~1~~	~~Ceramic Tile~~	~~2/23/11~~	**Deleted**			-	5/17 lettr on index
6/11	AR	Specification	95123	1	Acoustical Tile Ceillings	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	96500	1	Resilient Tile Flooring and Base	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	99010	1	Painting	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	101400	1	Signage	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
6/11	AR	Specification	102800	1	Toilet and Bath Accessories	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
	AR	Specification	133400	2	Pre-Engineered Bldgs Basis of Design	2/23/11	**Issued**	Y	Struc-1a,b,c	**Approved**	CBO-001/A S2
	AR	Specification	133419	1	Pre-Engineered Bldgs (collaborate w/Struct)	2/23/11	**Issued**	Y	Struc-1a,b,c	**Approved**	CBO-001/A S2
	AR	Drawing			**Drawings**	-	-	-	-	-	-
	AR	Drawing			**General Drawings / Standards - All Buildings**	2/23/11	--	--	-	-	-
	AR	Drawing	A-S4001	1	Finish Schedule & Legend	2/23/11	**Issued**	Y; Ref Only	Reference per CBO comment	Reference Only 8/15/11 ; GEN-2-1.1	5/17 lettr on index
	AR	Drawing	A-S4002	1	Door Schedules	2/23/11	**Issued**	N-see vendor	-	-	-
	AR	Drawing			**Control Building**	2/23/11	--	--	-	-	-
	AR	Drawing	A-P1001	1	Overall Floor Plan	2/23/11	**Issued**	N-see vendor	-	-	-
	AR	Drawing	A-E1002	1	Exterior Elevations	2/23/11	**Issued**	N-see vendor	-	-	-
	AR	Drawing			**Warehouse**	2/23/11	--	--	-	-	-
	AR	Drawing	A-P2001	2	Overall Floor Plan	2/23/11	**Issued**	N-see vendor	-	-	-
	AR	Drawing	A-E2002	2	Exterior Elevations	2/23/11	**Issued**	N-see vendor	-	-	-
	AR	Drawing			**Canopies (one required)**	2/23/11	--	--	-	-	-
	AR	Drawing	A-P3001	1	Air Compressor Shed Floor Plan, Elevation	2/23/11	**Issued**	N-see vendor	-	-	-
	IC				**INSTRUMENTS & CONTROLS**						
	IC	Specification			**Construction Specifications**	-	-	-	-	-	-
	IC	Specification	409010	0	BPO Instrument Installation and Testing	-	**Issued**	**N**	-	**N/A**	-
	IC	Specification	409040	1	I&C for Mechanical Packages	**2/14/11**	**Approval**	**N**	-	**N/A**	-
	IC	Specification	N		**Instrument Specifications & Data Sheets**	-	-	-	-	-	-
	IC	Specification	409113.23.92	1	CEMS - Continuos Emissions Mon. System	**2/9/11**	**Information**	**N**	-	**N/A**	-
	IC	Specification	409423.40	A	Control System Consoles		**Approval**	**N**	-	**N/A**	-
	IC	Specification	409423	1	Distributed Control System (DCS)	**3/25/11**	**Issued**	**N**	-	**N/A**	-

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CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	IC	Datasheet	409119.29.10	A	Pressure Indicators	9/5/11	Issued	N	-	N/A	-
	IC	Datasheet	409119.29.40	A	Pressure Transmitter (Gauge/Absoulte/Differential	9/5/11	Issued	N	-	N/A	-
	IC	Datasheet	409213.29.22	B	Pressure Regulator (Self Contained)	9/5/11	Issued	N	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409213-23-10~~	deleted	~~Pressure Relief Valves~~	~~9/5/11~~		~~N~~	-	N/A	-
	IC	Datasheet	409119.36.10	A	Temperature Gage & Thermowell	9/5/11	Issued	N	-	N/A	-
	IC	Datasheet	409119.36.72	A	Thermocouple & Thermowell	9/5/11	Issued	N	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409119-36-71~~	deleted	~~RTD~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409119-36-50~~	deleted	~~Thermowell~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409119-36-40~~	deleted	~~Temperature Transmitter, Element, & Thermowell~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409123-36-10~~	deleted	~~Level Gage / Indicator~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	IC	Datasheet	409123-36-34	A	Level Switch (Vibrating)		Issued	N	-		
	IC	Datasheet	409123.36.42	A	Level Transmitter (Differential Pressure)	9/5/11	Issued	N	-	N/A	-
11/11	IC	Datasheet	409123.36.44	B	Level Transmitter (Guided Wave Radar)		Issued	N	-		
11/11	~~IC~~	~~Specification~~	~~409123-36-36~~	deleted	~~Level Switch - Float~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	IC	Datasheet	409123.33.11	A	DP Flow Indicator		Information	N	-		
	IC	Datasheet	409123.33.74	A	Flow Element (Orifice)	9/5/11	Issued	N	-	N/A	-
	IC	Datasheet	409123.33.85	A	Flowmeter (Turbine)		Issued	N	-		
	IC	Datasheet	409123.33.89	A	Flow Transmitter (Differential Pressure)	9/5/11	Issued	N	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409123-33-83~~	deleted	~~MAG Flow Meter - Vortex~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409123-33-87~~	deleted	~~Flow Meter - Variable Area~~	~~9/5/11~~		~~N~~	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409123-33-88~~	deleted	~~Fuel Gas Flow Revenue Check Meter (ultrasonic)~~	~~9/5/11~~		~~N~~	-	N/A	-
	IC	Specification	N		**Control Valves**	-	-	-	-	-	-
	IC	Datasheet	409213.13.30	B	Modulating Control Valve Globe	4/14/11	Information	N	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409213-13-20-10~~	deleted	~~Control Valves - Ball Modulating~~	~~4/14/11~~	~~Approval~~	~~N~~	-	N/A	-
	IC	Datasheet	409213.13.10.10	B	Modulating Control Valve Butterfly	4/14/11	Information	N	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409213-13-10-20~~	deleted	~~Control Valves - Butterfly On/Off~~	~~4/14/11~~	~~Approval~~	~~N~~	-	N/A	-
11/11	~~IC~~	~~Specification~~	~~409213-26~~	deleted	~~Solenoid Valves~~	~~4/14/11~~	~~Approval~~	~~N~~	-	N/A	-
	IC	Datasheet	409213.13.20.20	B	On - Off Control Valve Ball	4/14/11	Information	N	-	N/A	-
	IC	Specification			**Analyzers**	-	-	-	-	-	-
	IC	Datasheet	409116.19.92	0	Analyzer (Conductivity)	4/21/11	Information	N	-	N/A	-
	IC	Datasheet	409113.29.91	0	Analyzer (pH)	4/21/11	Issued	N	-	N/A	-
6/11	IC	Datasheet	409113.29.94	0	Analyzer (Silica)	-	Issued	N	-	N/A	-
6/11	IC	Datasheet	409113.29.95	0	Analyzer (Chlorine)	-	Issued	N	-	N/A	-
	IC	Datasheet	409123.56	0	Weather Station	4/21/11	Issued	N	-	N/A	-
	IC	Datasheet	409113.26	0	Analyzer (Natural Gas Chromatograph)	4/21/11	Issued	N	-	N/A	-
	IC	Drawing			**DRAWINGS**	-	-	-	-	-	-
	IC	Drawing			**Loop, Schematic & Wiring Diagrams**	-	-	-	-	-	-
	IC	Drawing	I-W1000 - I-W1021	0	Instrument Loop Diagrams (set of 21)	10/3/11	Issued	N	-	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-S0300 - I-S0307~~	deleted	~~Schematics (set of 8)~~	~~-~~	~~Information~~	~~N~~	-	N/A	-
11/11	~~IC~~	~~Drawing~~	~~set of 72~~	deleted	~~Interconnect & Wiring Diagrams (set of 72)~~	~~-~~	~~Information~~	~~N~~	-	N/A	-
11/11	~~IC~~	~~Drawing~~	~~dwg ###~~	deleted	~~Equipment Interlock Diagrams (set of 4)~~	~~-~~	~~Information~~	~~N~~	-	N/A	-
	IC	Drawing			**Misc. Drawings**	-	-	-	-	-	-
7/11	IC	Drawing	I-N0300	0	Control System Network Architecture sht 1 of 3	-	Issued	N	-	N/A	
7/11	IC	Drawing	I-N0301	0	Control System Network Architecture sht 2 of 3	-	Issued	N	-	N/A	
7/11	IC	Drawing	I-N0302	0	Control System Network Architecture sht 3 of 4	-	Issued	N	-	N/A	
7/11	IC	Drawing	I-N0303	0	Network Connection Diagram	-	Issued	N	-	N/A	
1/12	IC	Drawing	I-N0304	0	Network Connection Diagram	-	Issued	N	-	N/A	
1/12	IC	Drawing	I-N0305	0	Network Connection Diagram	-	Issued	N	-	N/A	
1/12	IC	Drawing	I-N0306	0	Network Connection Diagram	-	Issued	N	-	N/A	
1/12	IC	Drawing	I-N0307	0	Network Connection Diagram	-	Issued	N	-	N/A	
1/12	IC	Drawing	I-N0308	0	Network Connection Diagram	-	Issued	N	-	N/A	
7/11	IC	Drawing	I-P3500	B	Control Room Layout	-	Issued	N	-	N/A	
	IC	Drawing	I-P3000	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3001	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3002	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3003	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3004	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3005	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3006	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3007	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-P3008	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-P3009~~		~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	-	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-P3010~~		~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	-	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3011~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	-	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-P3012~~		~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	-	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-P3013~~		~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	-	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-P3014~~		~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	-	N/A	-
	IC	Drawing	I-P3015	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	IC	Drawing	I-P3016	0	Instrument Location Drawing	9/8/11	Issued	N	-	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3017~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3018~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3019~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3020~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3021~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3022~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3023~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3024~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
8/11	~~IC~~	~~Drawing~~	~~I-P3025~~	deleted	~~Instrument Location Drawing~~	~~9/8/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
	IC	Drawing	I-DC001	0	Instrument Installation Detail Drawings Index	9/8/11	Issued	N	-	N/A	-
	IC	Drawing	I-DA001	0	Conductivity Or Ph (In-Line Probe)	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DF001	0	Flow Meter With Remote Indication	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DF002	0	Pitot Tube Flow Element And Integral Transmitter	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DF003	0	Flow (Dp) Instrument Low Pressure/Liquid Service Instrument Mounted Below Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DF004	0	Flow (Dp) Instrument, Low Press/Gas-Air Service, Inst Mounted Above Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG001	0	Local Indicator Electronic	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG002	0	Conduit Connection	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG003	0	Instrument Tubing Detail For Process Pipe Thrust Due To Thermal Expansion	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG004	0	Sample Tubing Support & Expansion Loop Criteria	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG005	0	Instrument Pipe Support 2 Inch Pipe Floor Or Grade Mounting	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG006	0	Instrument Pipe Support 2 Inch Pipe Wall Or Column Mounting	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DG007	0	Instrument Pipe Suppport Mounting Plate Assembly And Enclosure	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL001	0	Level Instrument, Rf/Admittance Type, Vessel Mounted	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL002	0	Level (Dp) Instrument, Flange Mounted On Vessel, Atmospheric Vessel	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL003	0	Level (Dp) Instrument Liquid Service Low Press/Low Temp Inst Mounted Below Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL004	0	Level (Dp) Instrument, Low Press/ Liquid Service, Inst Mounted Below Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL005	0	Level Switch Instrument, Drip Leg Installation, Low Pressure	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL006	0	Level Gauge Or Indicator With Level Transmitter, Low Press/Liquid Service	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL007	0	Level (Dp) Instrument Remote Diaphragm Seals	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL008	0	Level Guided Wave Radar Transmitter Low Pressure/Liquid Service	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DL009	0	Level Transmitter With Connection Head Vessel Or Sump Mounted	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP001	0	Pressure Indicator Line Mounted	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP002	0	Pressure Indicator With Diaphragm Seal, Line Mounted	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP003	0	Pressure Instrument Remote Diaphragm Seal	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP004	0	Diff Pressure Indicator Gas/Air Low Press/Low Temp Instrument Mounted Above Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP005	0	Diff Pressure Indicator Liquid Low Press/Low Temp Instrument Mounted Below Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP006	0	Pressure Instrument, Low Press/Liquid Service, Inst Mounted Below Tap	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP007	0	Diff Pressure Instrument, Low Press/Liquid Service, Inst Mounted Below Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP008	0	Pressure Instrument, Low Press/Air-Gas Service, Inst Mounted Above Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DP009	0	Diff Press Inst - Gas/Air Low Press/Low Temp Inst Mounted Above Taps	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DT001	0	Temperature Element, Thermocouple Or Rtd, Line Mounted	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DT002	0	Temperature Indicator, Line Or Equipment Mounted	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DT003	0	Temperature Transmitter Remote Mount	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DT004	0	Thermowell Details	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DV001	0	Instrument Air Supply Air Operated Valve Three Valve Arrangement	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DV002	0	Instrument Air Supply Air Operated Valve Six Valve Arrangement	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DV003	0	Instrument Air Supply Air Operated Valve W/Thermal Movement Three Valve Arrangement	5/26/11	Issued	N	-	N/A	-
	IC	Drawing	I-DV004	0	Instrument Air Supply Air Operated Valve W/Thermal Movement Six Valve Arrangement	5/26/11	Issued	N	-	N/A	-
11/11	~~IC~~	~~Drawing~~	~~#####~~	Deleted	~~Panel Drawings (set of 5)~~	~~5/26/11~~	~~Information~~	~~N~~	~~-~~	N/A	-
11/11	~~IC~~	~~Drawing~~	~~I-W2500-I-W2504~~	Deleted	~~Emergency Shut Down System (set of 5)~~	~~5/26/11~~	~~Information~~	~~N~~	~~-~~	N/A	-

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
10/11	IC	Document	various	various	System Control Logic Narratives		Issued	N	-	N/A	
	IC	Study/Calc			**Studies & Calculations**	-	-	-	-	-	-
11/11	~~IC~~	~~Study/Calc~~	~~#~~	Deleted	~~Flow Calcs/Philosophy~~	~~4/14/11~~		~~N~~	~~-~~	N/A	-
11/11	~~IC~~	~~Study/Calc~~	~~#~~	Deleted	~~Control Valve & PSV Calcs/Philosophy~~	~~6/17/11~~		~~N~~	~~-~~	N/A	-
	IC	Study/Calc			**Lists**	-	-	-	-	-	-
7/11	IC	Study/Calc	I-XXX-L-X-50	0	Instrument Index	-	Issued	N	-	N/A	-
7/11	IC	Study/Calc	I-XXX-L-X-60	0	DCS I/O List	-	Issued	N	-	N/A	-
	PI				**PIPING**						
	PI				**Construction Packages/Specifications**	-	-	-	-	-	-
	PI	Specification	264200	0	Galvanic Anode Cathodic Protection System	5/5/11	information	Issued	Mech-1a	Approved	
	PI	Specification	404216	0	Power Plant Piping and Equipment Insulation	5/5/11	Issued	Y	Mech-1a	Reference only	
	PI	Specification	405010	2	Underground Power Plant Piping	5/5/11	information	Y	Mech-1a	R2 Approved 7/18	M1, M2
	PI	Specification	405020	0	Aboveground Power Plant Piping	5/5/11	information	Y	Mech-1a	Reference only	M1, M2
	PI	Specification	405200	0	Shop Fabrication of Power Plant Piping	5/5/11	information	Y	Mech-1a	Reference only	M1, M2
	PI	Specification	485868	0	Welding of Power Plant Piping	5/5/11	information	Y	Mech-1a	Reference only	M1, M2
	PI	Specification			**Equipment Specifications**	-	-	-	-	-	-
	PI	Specification	405000	2	Power Plant Piping Materials	3/31/11	Issued	Y	Mech-1	Approved 6/10; R2 Approved 10/6/11	M1, M2
	PI	Specification	405500	2	Power Plant Valves	3/31/11	Issued	Y	Mech-1	Approved 6/10; R2 Approved 10/6/11	M1, M2
	PI	Specification	405720	0	Power Plant Piping Engineered Supports	3/31/11	information	Y	Mech-1a	R0 Reference only; R1 Approved 9/23/11	M1, M2
	PI	Specification	406001	0	Power Plant Strainers	5/31/11	Issued	N	-	n/a	-
	PI	Specification	406002	1	Power Plant Expansion Joints	5/31/11	Issued	N	-	n/a	-
	PI	Specification	406006DS	0	Hose Coupling	5/31/11	Issued	N	-	n/a	-
10/11	~~PI~~	~~Specification~~	~~406007~~	deleted	~~Drip Pan Elbow~~	~~5/31/11~~	~~information~~	~~N~~	~~-~~	n/a	-
10/11	~~PI~~	~~Specification~~	~~406008~~	deleted	~~Vent Cap and Bird Screen~~	~~5/31/11~~	~~information~~	~~N~~	~~-~~	n/a	-
10/11	~~PI~~	~~Specification~~	~~406009~~	deleted	~~Flame Arrestor~~	~~5/31/11~~	~~information~~	~~Y~~	~~Mech-1a~~	n/a	
	PI	Specification	406010DS	0	Backflow Preventer Data Sheet	5/31/11	Issued	Y	Mech-1a	Rev 0 Approved 10/20/11	
	PI	Specification	406011DS	0	Safety Shower and Eye-Wash Stations Data Sheet	5/31/11	Issued	Y	Mech-1a	Rev 0 Approved 10/20/11	
	PI		AG Support Set-01	2	Standard Support Drawing Package		Issued	N	Mech-1	Rev 2 approved 2/3/12	
	PI		set		Special Pipe Supports (set of approx 60)		Issued	N		n/a	
	PI	Drawing			**U/G PIPING ORTHO DRAWINGS**	-	-	-	-	-	-
	PI	Drawing	P-PU001	1	Piping Underground Key Plan	5/19/11	information	Y	Mech-1a	R0 Approved 8/9; R1 approved 11/28/11	
	PI	Drawing	P-PU060	1	Piping Plan Underground Unit 600 Scr Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU061	1	Piping Plan Underground Unit 600 Ctg Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU062	0	Piping Plan Underground Unit 600 Gsu Power Block Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU070	1	Piping Plan Underground Unit 700 Scr Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU071	1	Piping Plan Underground Unit 700 Ctg Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU072	0	Piping Plan Underground Unit 700 Gsu Power Block Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU080	1	Piping Plan Underground Unit 800 Scr Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU081	1	Piping Plan Underground Unit 800 Ctg Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU082	0	Piping Plan Underground Unit 800 Gsu Power Block Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU090	1	Piping Plan Underground Unit 900 Scr Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU091	1	Piping Plan Underground Unit 900 Ctg Power Block Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU092	0	Piping Plan Underground Unit 900 Gsu Power Block Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU100	1	Piping Plan Underground Unit 900 Ctg And Heater/Chiller Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU101	1	Piping Plan Underground Unit 900 Ctg And Chiller Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU102	0	Piping Plan Underground Power Distribution Center Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU103	0	Piping Plan Underground Fuel Gas Dew Point Heater Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU110	1	Piping Plan Underground Chiller/Demin Water Tank Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU111	1	Piping Plan Underground Chiller, Dw Tank And Ww Tank Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU112	4	Piping Plan Underground F.G. Compressor And Maintenance Building Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9; R4 Approved 10/20/11	
	PI	Drawing	P-PU113	3	Piping Plan Underground F.G. Compressor And F.G. Yard Metering Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9; R3 Approved 11/28/11	
	PI	Drawing	P-PU114	0	Piping Plan Underground Plant Entrance And Fire Protection Access Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-PU120	1	Piping Plan Underground Service Water Tank And Fire Protection Skid Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU121	1	Piping Plan Underground Ww Tank, Sw Tank And Ammonia Unloading Area	5/19/11	information	Y	Mech-1a	R1 Approved 8/9	
	PI	Drawing	P-PU122	0	Piping Plan Underground Maintenance Building And Ammonia Unloading Area	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
11/11	PI	Drawing	P-PU123	0	Piping Plan Underground Raw Water Supply Line To Plant			Y	Mech-1a	R0 Approved 11/28/11	
	PI	Drawing	P-PU130	0	Piping Plan Underground Raw Water Supply Line To Plant	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing			**U/G PIPING DETAILS**	-	-	-	-	-	-
	PI	Drawing	P-PU510	0	Piping Details Underground/Aboveground Fire Protection And Bollard Details	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	PI	Drawing	P-VU200	0	Piping Details Underground Stub-Up, Drain And Wall Penetration Details	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
	PI	Drawing	P-VU201	1	Piping Details Underground/Aboveground Utility Station And Eye Wash Details	5/19/11	information	Y	Mech-1a	R0 Approved 8/9	
					U/G PIPING ISOMETRICS (sets)					-	
8/11	PI	Drawing	CHW UG ISO Set-01	1	CHW Underground Piping Isometric Set w/ Index	5/19/11	information	N	--	-	
8/11	PI	Drawing	UG ISO Set-01	1	Underground Piping Isometric Set	5/19/11	information	N	--	-	
	PI	Drawing	N		**FIRE PROTECTION**	-	-	-	-	-	-
11/11	~~PI~~	~~Drawing~~	~~P-PU500~~	deleted	~~U/G - Fire Protection Loop~~ - SEE UG ORTHOS"	~~5/19/11~~	~~information~~	~~Y~~	~~Mech-1a~~	N/A	
11/11	~~PI~~	~~Drawing~~	~~P-PU501~~	deleted	~~U/G - Fire Protection Loop~~ - SEE UG ORTHOS"	~~5/19/11~~	~~information~~	~~Y~~	~~Mech-1a~~	N/A	
11/11	~~PI~~	~~Drawing~~	~~P-PU510~~	deleted	~~U/G - Fire Protection Loop Details~~	~~5/19/11~~	~~information~~	~~Y~~	~~Mech-1a~~	N/A	
	PI	Drawing	N		**CATHODIC PROTECTION**	-	-	-	-	-	-
	PI	Drawing	P-PU700	0	U/G - Cathodic Protection Plan	4/14/11	Issued	Y	Mech-1a	R0 comments 8/3/11; R1 Approved 9/29	
	PI	Drawing	P-PU701	1	U/G - Cathodic Protection Details	4/14/11	Issued	Y	Mech-1a	R0 comments 8/3/11; R1 Approved 1/6/12	
6/11	PI	Drawing	P-PU702	1	U/G - Cathodic Protection Details	4/14/11	Issued	Y	Mech-1a	R0 comments 8/3/11; R1 Approved 9/29	
	PI	Drawing			**A/G PIPING ISOMETRICS (set of 320)**	-	-	-	-	-	-
6/11, 8/11	PI	Drawing	set of xxx	0	A/G PIPING ISOMETRIC - Unit 6, 7, 8, 9	7/18/11	information	N	~~Mech-1a~~	-	
6/11, 8/11	PI	Drawing	set of xxx	0	A/G PIPING ISOMETRIC Common	7/18/11	information	N	~~Mech-1a~~	-	
	PI	Drawing			**A/G PIPING ORTHO DRAWINGS**	-	-	-	-	-	-
	PI	Drawing	P-PA001	0	A/G - Piping Key Plan	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
11/111	PI	Drawing	P-PA010	0	Piping Plan Above Ground (ortho)		Issued	Y	Mech-1a	Rev 0 Approved 11/23/11	
	PI	Drawing	P-PA060	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA061	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA062	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA063	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA064	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA065	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA070	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA071	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA072	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA073	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA074	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA075	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA080	1	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA610	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA611	0	Piping Plan Above Ground (ortho)	`	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA612	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA613	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA620	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA710	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA711	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA712	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA713	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA720	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA721	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA810	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA811	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA812	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA813	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA820	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA821	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA910	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA911	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA912	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA913	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA920	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA921	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
	PI	Drawing	P-PA123	0	Piping Plan Above Ground (ortho)	7/21/11	Issued	Y	Mech-1a	Rev 0 Approved 11/15/11	
11/11	~~PI~~	~~Drawing~~	~~P-PA131~~	~~0~~	~~Piping Plan Above Ground (ortho)~~	~~7/21/11~~	-	~~Y~~	~~Mech-1a~~	n/a	
11/11	~~PI~~	~~Drawing~~	~~P-PA140~~	~~0~~	~~Piping Plan Above Ground (ortho)~~	~~7/21/11~~	-	~~Y~~	~~Mech-1a~~	n/a	
	~~PI~~	~~Drawing~~			~~AG PIPING DETAILS~~	-	-	-	-	-	-
10/11	~~PI~~	~~Drawing~~	~~P-VA200~~	deleted	~~AG PIPING DETAILS~~	~~7/21/11~~	~~information~~	~~Y~~	~~Mech-1a~~	n/a	
10/11	~~PI~~	~~Drawing~~	~~P-VA201~~	deleted	~~AG PIPING DETAILS~~	~~7/21/11~~	~~information~~	~~Y~~	~~Mech-1a~~	n/a	
	PI	Calc/Study			**Calculations & Analysis**	-	-	-	-	-	-
	PI	Calc/Study	PI-MEP-001	0	Stress Criteria for Piping Systems	6/23/11	issued	Y	Mech-1a	rev 0 approved 10/14	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
9/11	PI	~~Calc/Study~~	~~PI-MEP-002~~		~~Stress Analysis for CTG Lube Oil Pipe~~	~~6/23/11~~	~~information~~	~~Y~~	~~Mech-1a~~	Deleted	
	PI	Calc/Study	PI-MEP-002	0	Stress Analysis for Fuel Gas Pipe	6/23/11	issued	Y	Mech-1a	rev 0 approved 10/14	
9/11	~~PI~~	~~Calc/Study~~	~~PI-MEP-00x~~		~~Stress Analysis for Ammonia Pipe~~	~~6/23/11~~	~~information~~	~~Y~~	~~Mech-1a~~	Deleted	
9/11	~~PI~~	~~Calc/Study~~	~~PI-MEP-005~~		~~Stress Analysis for Water Tank Nozzle Loads~~	~~6/23/11~~	~~information~~	~~Y~~	~~Mech-1a~~	Deleted	
	PI	Calc/Study	PI-MEP-003	0	Cathodic Protection Anode	4/7/11	Issued	Y	Mech-1a	Rev 0 Approved 9/29/11	
	PI	List			**Lists & Reports**	-	-	-	-	-	-
	PI	List	P-XXX-L-0-0001	2	Pipe Line Report	6/17/11	issued	Issued	Mech-1a	rev 1 Reference Only 8/22; rev 2 Ref Only 12/5/11	
	PI	List	P-XXX-L-0-0010	2	Valve Report	5/5/11	issued	Y	Mech-1a	rev 1 Reference Only 8/22; rev 2 Approved 10/19/11	
	PI	List	P-XXX-L-0-0020	0	Agboveground Specialty Items Report	8/22/11	issued	Y	Mech-1a	Rev 0 Approved 10/20/11	
	PI	List	P-XXX-L-0-0021	1	Hydrant Report	8/22/11	information	Issued	Mech-1a	rev 1 Reference Only 8/22	
	PI	List	P-XXX-L-0-0022	0	Expansion Joint Report	8/22/11	issued	Y	Mech-1a	Rev 0 Approved 10/20/11	
	PI	List	P-XXX-L-0-0023	0	Permanent Strainer Report	8/22/11	issued	Y	Mech-1a	Rev 0 Approved 10/20/11	
10/11	~~PI~~	~~List~~	~~P-XXX-L-0-0024~~	deleted	~~Safety Shower and Eye-Wash Station Report~~ - See AG Specialy List Above	~~8/22/11~~	~~information~~	~~Y~~	~~Mech-1a~~	n/a	
	PI	List	P-XXX-L-0-0025	2	Underground Specialty Items Report	8/22/11	information	Issued	Mech-1a	rev 1 Reference Only 8/22. Rev 2 Approved 10/20/11	
8/11	PI	List	P-XXX-L-0-0030	B	UG MTO	8/22/11	information	N	-	-	
	EL				**ELECTRICAL**						
	EL				**Construction Specifications**					–	
9/11	EL	Specification	260510	0	Wire and Cable Installation	8/25/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	260526	0	Grounding and Bonding	8/25/11	Issued	Y	TSE-1, Elec-1	rev 0 Elec-1 Approved 9/28/11; rev 0 TSE-1 approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	260536	0	Cable Tray	8/25/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
8/11	~~EL~~	~~Specification~~	~~260550~~		~~Electrical Equipment Installation~~	~~8/25/11~~	~~information~~	deleted	deleted	Deleted	Santucci email to JN 8/30/11
9/11	EL	Specification	260575	0	Basic Electrical Material and Methods	5/6/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	264113	0	Lightning Protection	8/25/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	269900	0	Electrical Equipment Inspection and Testing	8/25/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	270000	0	Communications	8/25/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	270528	0	Telephone Raceway Systems	8/25/11	Issued	Y	Elec-1	rev 0 Approved 10/14/11	Santucci email to JN 8/30/11
9/11	EL	Specification	281300	A	Security System	8/25/11	information	N	-	N/A	
	EL	Specification	283100	B	Fire Detection and Alarm System		information	Y	Elec-1	rev B pending 2/1/12	
	EL	Specification	337119	1	Electrical Underground Ductbanks and Manholes	5/6/11	information	Y	ELEC-1	Approved 6/22; Rev 1 Approved 10/24/11	
	EL	Specification	337119.13	B	PreCast Concrete Manholes	5/6/11	information	N	-	N/A	
	EL	Specification	#		Above Ground Power/Control		information				
	~~EL~~	~~Specification~~	~~#~~	Deleted	~~Temporary Power~~		~~information~~			N/A	
	EL	Specification			**Equipment Specifications**					–	
	EL	Specification	260005	1	Pre-Engineered Building - Electrical	2/23/11	Issued	N	-	–	-
	EL	Specification	260504	1	Elect Requirements for Packaged Mechancial Equipment	2/14/11	Issued	Y	Elec-1	rev 1 approved 2/15/12	
	EL	Specification	260505	1	Low Voltage AC Induction Motors & Data Sheets	2/14/11	Issued	Y	Elec-1	rev 1 approved 2/15/12	
	EL	Specification	260507	0	Medium Voltage AC Induction Motors	2/14/11	Issued	Y	Elec-1	rev 0 approved 2/15/12	
11/11	~~EL~~	~~Specification~~	~~260513,519~~	Deleted	~~Wire & Cable~~ - **See spec 260575**	~~4/11/11~~	~~information~~	~~Y~~	~~Elec-1~~	N/A	
	EL	Specification	261213	1	Unit Auxillary Station Transformers & Data Sheets	1/27/11	Issued	Y	Elec-1	rev 1 approved 2/15/12	
	EL	Specification	261300	0	Medium Voltage Metal-Clad Switchgear & Data Sheets	3/30/11	Issued	Y	Elec-1	rev 1 approved 2/15/12	
	EL	Specification	261213	0	Station Service Power Transformers & Data Sheets	1/27/11	Issued	Y	Elec-1	rev 0 approved 2/15/12	
	EL	Specification	262300	0	Low Voltage Metal Enclosed Switchgear & Data Sheets	4/1/11	Issued	Y	Elec-1	rev 1 approved 2/15/12	
	EL	Specification	262418	B	Protective Relay Panels	7/6/11	Issued	Y	Elec-1	rev B approved 2/14/12	
	EL	Specification	262419	0	Low Voltage Motor Control Centers & data sheets	3/28/11	Issued	Y	Elec-1	rev 1 approved 2/15/12	
	EL	Specification	262502	1	Non-Segregated Phase Bus Duct & data sheets	3/28/11	Issued	Y	Elec-1	rev 1 approved 2/15/12	
	EL	Specification	262600	0	Power Distribution Centers	3/28/11	Issued	Y	Elec-1	rev 1 approved 2/15/12	
	EL	Specification	263355	0	DC and UPS Power Supply Systems	5/10/11	Issued	Y	Elec-1	rev 0 approved 2/15/12	
	EL	Specification	265000	0	Lighting	8/25/11	Issued	Y	Elec-1	rev 0 approved 10/6/12	
	EL	Specification	481923	1	Generator Step Up Transformers & Data Sheets	1/13/11	Issued	Y	Elec-1	R1 Approved 8/31	
	EL	Specification	337500	1	Generator Circuit Breaker	3/21/11	Issued	Y	Elec-1	R1 Approved 7/11	
2/12	EL	~~Specification~~	~~#~~	Deleted	~~Lighting & Power Panelboards~~	~~8/10/11~~		~~Y~~	~~Elec-1~~	–	
8/11	~~EL~~	~~Specification~~	~~260536~~		~~Cable Tray;~~ Duplicate - see constr specs above	~~6/24/11~~	~~Approval~~	~~Y~~	~~Elec-1~~	–	
	EL	Drawing			**Key Plans & Area Classification**					–	
	EL	Drawing	E-K0011	0	Underground Key Plan	4/7/11	Issued	Y	Elec-1	rev 0 approved 6/22	CBO-001/A E1

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	EL	Drawing	E-K0012	1	Grounding Key Plan	4/7/11	Issued	Y	Elec-1, TSE-4	rev 0 Reference Only Elec 1-16.0; rev 1 pending 12/2/11	CBO-001/A E1
	EL	Drawing	E-K0013	0	Cable Tray Key Plan	4/7/11	Issued	Y	Elec-1	rev 1 Reference Only 1/6/12	CBO-001/A E1
	EL	Drawing	E-K0014	0	Lighting Key Plan	4/7/11	Issued	Y	VIS-4a	rev 1 Reference Only 1/6/12	CBO-001/A E1
	EL	Drawing	E-K0015	0	Layout Key Plan	4/7/11	Issued	Y	Elec-1	rev 1 Reference Only 1/6/12	CBO-001/A E1
	EL	Drawing	E-A0001	0	Abbreviaitons and Legend	4/7/11	Issued	Y	Elec-1	rev 0 Approved 1/17/12	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~EA-0002~~	Deleted	~~Electrical Symbol Sheet~~	~~4/7/11~~	~~Information~~	~~Y~~	~~Elec-1~~	N/A	CBO-001/A E1
	EL	Drawing	E-C0031	0	Area Classification Plan	4/7/11	Issued	Y	Elec-1	rev 1 Reference Only 1/6/12	CBO-001/A E1
	EL	Drawing	E-C0021	0	Area Classification Notes and Details	4/7/11	Issued	Y	Elec-1	rev 1 Approved 1/6/12	CBO-001/A E1
	EL	Drawing			**One-Line Diagrams**					-	
	EL	Drawing	E-N1000	2	Overall One-Line Diagram	5/5/11	Issued	Y	Elec-1	R1 Approved 8/11/11; R2 Approved 10/6/11	
	EL	Drawing	E-N1001	3	Medium Voltage One-Line Diagrams Unit 6	7/5/11	Issued	Y	Elec-1	RO Approved 8/11/11; Rev 2 approved 1/11/12; Rev 3 approved 3/15/12; Rev 4 pending 04/02/12	
	EL	Drawing	E-N1002	2	Medium Voltage One-Line Diagrams Unit 7	7/5/11	Issued	Y	Elec-1	RO Approved 8/11/11; Rev 2 approved 1/11/12; Rev 3 pending 04/02/12	
	EL	Drawing	E-N1003	2	Medium Voltage One-Line Diagrams Unit 8	7/5/11	Issued	Y	Elec-1	RO Approved 8/11/11; Rev 2 approved 1/11/12; Rev 3 pending 04/02/12	
	EL	Drawing	E-N1004	3	Medium Voltage One-Line Diagrams Unit 9	7/5/11	Issued	Y	Elec-1	RO Approved 8/11/11; Rev 2 approved 1/11/12; Rev 3 approved 3/15/12; Rev 4 pending 04/02/12	
	EL	Drawing	E-N1005	1	MV One- Line SG-EMV-0-01A sht 1	7/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/10/11; Rev 1 Approved 11/1/11	
	EL	Drawing	E-N1006	1	MV One- Line SG-EMV-0-01A sht 2	7/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/10/11; Rev 1 Approved 11/1/11	
	EL	Drawing	E-N1007	2	MV One- Line SG-EMV-0-01B sht 1	7/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/10/11; Rev 1 Approved 11/1/11; rev 2 approved 2/24/12	
	EL	Drawing	E-N1008	1	MV One- Line SG-EMV-0-01B sht 2	7/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/10/11; Rev 1 Approved 11/1/11	
	EL	Drawing	E-N1009	2	Low Voltage One-Line Diagrams SG-ELV-0-01 A/B	5/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/19/11; Rev 1 approved 1/17/12 ; rev 2 approved 2/14/12	
11/11	~~EL~~	~~Schedule~~	~~MCC-ELV-0-01A~~	Deleted	~~Low Voltage MCC Diagrams MCC-ELV-0-01A;~~ see E-N1011	~~5/5/11~~	~~Issued~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Schedule~~	~~MCC-ELV-0-01B~~	Deleted	~~Low Voltage MCC Diagrams MCC-ELV-0-01B~~ - See E-N1012	~~5/5/11~~	~~Issued~~	~~Y~~	~~Elec-1~~	n/a	
	EL	Drawing	E-N1010	1	Low Voltage MCC One-Line Diagram MCC-ELV-0-01A	5/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/19/11; Rev 1 approved 1/18/12	
	EL	Drawing	E-N1011	1	Low Voltage One-Line Diagram MCC-ELV-0-01A	5/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/19/11; Rev 1 approved 1/18/12	
	EL	Drawing	E-N1012	1	Low Voltage One-Line Diagram MCC-ELV-0-01B	5/5/11	Issued	Y	Elec-1	Rev 0 Approved 10/19/11; Rev 1 approved 1/18/12	
	EL	Drawing	E-N1013	1	Low Voltage One-Line Diagram MCC-ELV-0-01B	-	Issued	Y	Elec-1	Rev 0 Approved 10/19/11; Rev 1 approved 1/18/12	
7/11	EL	Drawing	E-N1014	1	LV One-Line Diagram MCC-ELV--6-01	-	Issued	Y	Elec-1	R0 Approved 11/8/11; Rev 1 Approved 1/26/12	
7/11	EL	Drawing	E-N1015	1	LV One-Line Diagram MCC-ELV--7-01	-	Issued	Y	Elec-1	R0 Approved 11/8/11; Rev 1 Approved 1/26/12	
7/11	EL	Drawing	E-N1016	1	LV One-Line Diagram MCC-ELV--8-01	-	Issued	Y	Elec-1	R0 Approved 11/8/11; Rev 1 Approved 1/26/12	
7/11	EL	Drawing	E-N1017	1	LV One-Line Diagram MCC-ELV--9-01	-	Issued	Y	Elec-1	R0 Approved 11/8/11; Rev 1 Approved 1/26/12	
9/11	EL	Drawing	E-N1020	1	UPS One-Line Diagram	8/2/11	Issued	Y	Elec-1	Rev 0 comments 9/28; Rev 1 approved 11/30/11	
9/11	EL	Drawing	E-N1021	2	DC Power Distribution One-Line Diagram	8/2/11	Issued	Y	Elec-1	Rev 0 comments 9/28; Rev 1 approved 11/30/11; rev 2 approved 3/26/12	
	EL	Drawing			**Three-Line Diagrams**					-	
	EL	Drawing	E-N1300	1	MV Three Line GEN-CTG-6-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1301	1	MV Three Line GEN-CTG-7-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1302	1	MV Three Line GEN-CTG-8-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1303	1	MV Three Line GEN-CTG-9-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1304	4	MV Three Line GCB-EMV-6-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1305	3	MV Three Line GCB-EMV-7-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1306	3	MV Three Line GCB-EMV-8-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1307	3	MV Three Line GCB-EMV-9-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1308	3	HV Three Line GSU-EHV-6-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1309	3	HV Three Line GSU-EHV-7-01	7/13/11	Issued	N	-	n/a	-

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	EL	Drawing	E-N1310	3	HV Three Line GSU-EHV-8-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1311	3	HV Three Line GSU-EHV-9-01	7/13/11	Issued	N	-	n/a	-
9/11	~~EL~~	~~Drawing~~	~~E-N1312~~	deleted	~~MV Three Line SG-EMV-0-01A~~ (replaced by vendor dwgs)	~~7/13/11~~	~~information~~	~~N~~	-	n/a	-
9/11	~~EL~~	~~Drawing~~	~~E-N1313~~	deleted	~~MV Three Line SG-EMV-0-01B~~ (replaced by vendor dwgs)	~~7/13/11~~	~~information~~	~~N~~	-	n/a	-
	EL	Drawing	E-N1314	3	MV Three Line AUX-EMV-0-01A	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1315	3	MV Three Line AUX-EMV-0-01B	7/13/11	Issued	N	-	n/a	-
	EL	Drawing	E-N1316	0	MV Three Line CMP-FG-0-01	7/13/11	Issued	N	-	n/a	-
	EL	Drawing			**Schematic & Wiring Diagrams**						
11/11	~~EL~~	~~Drawing~~	~~E-W1600~~	deleted	~~Relay Panel Layout~~	~~7/8/11~~	~~information~~	~~N~~	-	n/a	-
	EL	Drawing	E-W1601	0	Relay Panel Layout	7/8/11	information	N	-	n/a	-
	EL	Drawing	E-W1602	0	Relay Panel Layout	7/8/11	information	N	-	n/a	-
	EL	Drawing	E-W1603	0	Relay Panel Layout	7/8/11	information	N	-	n/a	-
	EL	Drawing	E-W1604	0	Relay Panel Layout	7/8/11	information	N	-	n/a	-
	EL	Drawing	E-W1605	0	Relay Panel Layout	7/8/11	information	N	-	n/a	-
	EL	Drawing	E-W1606	0	Relay Panel Layout	7/8/11	information	N	-	n/a	-
11/11	~~EL~~	~~Drawing~~	~~E-W1607~~	Vendor	~~Relay Panel RP-XXX-0-01-87/GSU-9~~	~~7/8/11~~	~~information~~	~~N~~	-	n/a	-
11/11	~~EL~~	~~Drawing~~	~~E-W1608~~	Vendor	~~MV Breaker Main DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1609~~	Vendor	~~MV Breaker Tie DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1610~~	Vendor	~~MV Breaker Main DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1611~~	Vendor	~~MV Breaker 1 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1612~~	Vendor	~~MV Breaker 2 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1613~~	Vendor	~~MV Breaker 3 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1614~~	Vendor	~~MV Breaker 4 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1615~~	Vendor	~~MV Breaker 5 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1616~~	Vendor	~~MV Breaker 6 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1617~~	Vendor	~~MV Breaker 7 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1618~~	Vendor	~~MV Breaker 8 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1619~~	Vendor	~~MV Breaker 9 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1620~~	Vendor	~~MV Breaker 10 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1621~~	Vendor	~~MV Breaker 11 DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1622~~	Vendor	~~MV Breaker 52G-EMV-6-01~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1623~~	Vendor	~~MV Breaker 52G-EMV-6-02~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1624~~	Vendor	~~MV Breaker 52G-EMV-7-01~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1625~~	Vendor	~~MV Breaker 52G-EMV-8-01~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1626~~	Vendor	~~MV Breaker 52G-EMV-9-01~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1627~~	Vendor	~~MV Breaker 52G-EMV-9-02~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	EL	Drawing	E-W1644	0	ESD System Schematic	-	Issued	Y	Elec-1	rev A approved 1/11/12; rev 0 approved 2/23/12	
11/11	EL	Drawing	E-W1645	0	ESD System Schematic	-	Issued	Y	Elec-1	rev A conditional approval 1/11/12 (item on Hold); rev 0 approved 2/23/12	
11/11	~~EL~~	~~Drawing~~	~~E-W1651~~	Vendor	~~CMP-FG-0-01A/B/C/D/E DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1652~~	Vendor	~~CMP-FG-0-01A/B/C/D/E DC Schematic~~	~~8/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1653~~	Vendor	~~RO Water Pump A/B Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1654~~	Vendor	~~Demin Water Pump A/B Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1655~~	Vendor	~~WW Sump Pump A/B Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
	EL	Drawing	E-W1656	0	Fuel Gas Compr Oil Cooler Fan Schematic/Wiring Diagram	8/3/11	Issued	Y	Elec-1	rev A approved 10/26/11; rev 0 approved 3/19/12	
	EL	Drawing	E-W1657	0	Fuel Gas Compr Oil Pump Schematic/Wiring Diagram	8/3/11	Issued	Y	Elec-1	rev A approved 10/26/11; rev 0 approved 3/19/12	
11/11	~~EL~~	~~Drawing~~	~~E-W1658~~	Vendor	~~Gas Comp Gas Coolers 1/2/3/4/5 A/B Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1659~~	Vendor	~~Tempering Air Fan 6/7/8/9 A/B Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1660~~	Vendor	~~Ammonia Forwarding Pumps A/B/C Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1661~~	Vendor	~~Dilution Air Fan 6/7/8/9 A/B Schematic~~	~~8/3/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	
	EL	Drawing	E-W1663	0	Communications System	8/3/11		N	-	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1664~~	deleted	~~Communications System~~	~~8/3/11~~	~~information~~	~~N~~	-	n/a	
9/11	EL	Drawing	B-SS004	1	Switchyard communication	-	Issued	N	-	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-W1665~~	deleted	~~Security System~~	~~8/3/11~~	~~information~~	~~N~~	-	n/a	
	EL	Drawing	E-W1666		CAISO Panel	8/3/11		N	-		
	EL	Drawing	E-W1667	0	Phasor Diagram	8/3/11		N	-	n/a	
11/11	~~EL~~	~~Drawing~~	~~n/a~~	deleted	~~Metering~~	~~8/3/11~~		~~N~~	-	n/a	
2/12	EL	Drawing	E-W1669	1	Synchroclosure Wiring Diagram		Issued	Y	Elec-1	rev 0 approved 2/29/12; rev 1 approved 4/2/12	
	EL	Drawing	E-W1670	1	SWGR-EMV-0-01A Communications Connection Drawing		Issued	N	-	n/a	
3/21	EL	Drawing	E-W1800	2	52G-6 Breaker DC Schematic		Issued	Y	Elec-1	rev 0 approved 3/16; rev 2 approved 4/2/12	
3/21	EL	Drawing	E-W1801	2	52G-7 Breaker DC Schematic		Issued	Y	Elec-1	rev 0 approved 3/16; rev 2 approved 4/2/12	
3/21	EL	Drawing	E-W1802	2	52G-8 Breaker DC Schematic		Issued	Y	Elec-1	rev 0 approved 3/16; rev 2 approved 4/2/12	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
3/21	EL	Drawing	E-W1803	2	52G-9 Breaker DC Schematic		Issued	Y	Elec-1	rev 0 approved 3/16; rev 2 approved 4/2/12	
3/12	EL	Drawing	E-W1804	0	52G-A Breaker DC Schematic		Issued	Y	Elec-1	rev 0 approved 3/15/12	
3/12	EL	Drawing	E-W1805	0	52G-B Breaker DC Schematic		Issued	Y	Elec-1	rev 0 approved 3/15/12	
3/12	EL	Drawing	E-W1806	0	GE Circuit Breaker Control Schematic Unit 6, 7, 8, 9		Issued	Y	Elec-1	Rev 0 Pending 3/26	
3/12	EL	Drawing	E-W1810	0	5kV Main Breaker 152A Section 5 DC Schematic		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1811	0	5kV Main Breaker 152B Section 8 DC Schematic		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1812	0	5kV Main Breaker 152T Section 6 DC Schematic		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1813	0	5kV Breaker A1, Section 6 DC Schematic Unit 6 CTG Transformer		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1814	0	5kV Breaker A2, Section 4 DC Schematic Unit 7 CTG Transformer		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1815	0	5kV Breaker A3, Section 4 DC Schematic SST-ELV-0-01A		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1816	0	5kV Breaker A4, Section 3 DC Schematic CMP-CHW-0-01		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1817	0	5kV Breaker A5, Section 3 DC Schematic CMP-CHW--02		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1818	0	5kV Breaker A6, Section 2 DC Schematic XR-FG-0-01		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1819	0	5kV Breaker A7, Section 2 DC Schematic XR-CHW-0-01		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1820	0	5kV Breaker B1, Section 7 DC Schematic CMP-CHW-0-03		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1821	0	5kV Breaker B2, Section 9 DC Schematic CMP-CHW-0-04		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1822	0	5kV Breaker B3, Section 9 DC Schematic SST-ELV-0-01B		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1823	0	5kV Breaker B4, Section 10 DC Schematic Unit 8 CTG Transformer		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1824	0	5kV Breaker B5, Section 10 DC Schematic Unit 9 CTG Transformer		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1840	1	SEL-387 87/T-6A DC Schematic		Issued	Y	Elec-1	Rev 0 Pending 3/12	
3/12	EL	Drawing	E-W1841	2	SEL-387 87/T-6B DC Schematic		Issued	Y	Elec-1	Rev 1 Approved 3/26; Rev 2 pending 3/27	
3/12	EL	Drawing	E-W1842	1	SEL-387 87/T-7A DC Schematic		Issued	Y	Elec-1	Rev 0 Approved 3/26/12; Rev 1 pending 3/27	
3/12	EL	Drawing	E-W1843	2	SEL-387 87/T-7B DC Schematic		Issued	Y	Elec-1	Rev 1 Approved 3/26; Rev 2 pending 3/27	
3/12	EL	Drawing	E-W1844	1	SEL-387 87/T-8A DC Schematic		Issued	Y	Elec-1	Rev 0 Approved 3/26/12; Rev 1 pending 3/27	
3/12	EL	Drawing	E-W1845	2	SEL-387 87/T-8B DC Schematic		Issued	Y	Elec-1	Rev 1 Approved 3/26; Rev 2 pending 3/27	
3/12	EL	Drawing	E-W1846	1	SEL-387 87/T-9A DC Schematic		Issued	Y	Elec-1	Rev 0 Approved 3/26/12; Rev 1 pending 3/27	
3/12	EL	Drawing	E-W1847	2	SEL-387 87/T-9B DC Schematic		Issued	Y	Elec-1	Rev 1 Approved 3/26; Rev 2 pending 3/27	
3/12	EL	Drawing	E-W1848	2	SEL-787 87T/AUX-01A DC Schematic		Issued	Y	Elec-1	Rev 1 Approved 3/26; Rev 2 pending 3/27	
3/12	EL	Drawing	E-W1849	2	SEL-787 87T/AUX-01B DC Schematic		Issued	Y	Elec-1	Rev 1 Approved 3/26; Rev 2 pending 3/27	
3/12	EL	Drawing	E-W1850	1	SEL-587Z 87B1-P DC Schematic		Issued	Y	Elec-1	Rev 0 Approved 3/26/12; Rev 1 pending 3/27	
3/12	EL	Drawing	E-W1851	1	SEL-587Z 87B1-B DC Schematic		Issued	Y	Elec-1	Rev 0 Approved 3/26/12; Rev 1 pending 3/27	
3/12	EL	Drawing	E-W1852	1	SEL-352 11BF DC Schematic		Issued	Y	Elec-1	Rev 0 Approved 3/26/12; Rev 1 pending 3/27	
3/12	EL	Drawing	E-W1853	1	GE-L90 87L1-P DC Schematic		Issued	Y	Elec-1	Rev 0 Approved 3/26/12; Rev 1 pending 3/27	
3/12	EL	Drawing	E-W1854	1	SEL-311L 87L1-B DC Schematic		Issued	Y	Elec-1	Rev 0 Approved 3/26/12; Rev 1 pending 3/27	
3/12	EL	Drawing	E-W1855	2	SEL-3530 RTAC DC Schematic		Issued	Y	Elec-1	Rev 1 Approved 3/26; Rev 2 pending 3/27	
			E-W1856								
3/12	EL	Drawing	E-W1860	0	Three-Line Diagram Section 2 Feeder Breaker A6 & A7		Issued	N	-	n/a	
3/12	EL	Drawing	E-W1861	0	Three-Line Diagram Section 3 Feeder Breaker A4 & A5		Issued	N	-	n/a	
3/12	EL	Drawing	E-W1862	0	Three-Line Diagram Section 4 Feeder Breaker A2 & A3		Issued	N	-	n/a	
3/12	EL	Drawing	E-W1863	0	Three-Line Diagram Section 5 Line A VT's Bus A VT's Main Breaker 152A		Issued	N	-	n/a	
3/12	EL	Drawing	E-W1864	0	Three-Line Diagram Section 6 Tie Breaker 152T Feeder Breaker A1		Issued	N	-	n/a	
3/12	EL	Drawing	E-W1865	0	Three-Line Diagram Section 7 Auxiliary & Feeder Breaker B1		Issued	N	-	n/a	
3/12	EL	Drawing	E-W1866	0	Three-Line Diagram Section 8 Line B VT's Bus B VT's Main Breaker 152B		Issued	N	-	n/a	
3/12	EL	Drawing	E-W1867	0	Three-Line Diagram Section 9 Feeder Breaker B2 & B3		Issued	N	-	n/a	
3/12	EL	Drawing	E-W1868	0	Three-Line Diagram Section 10 Feeder Breaker B4 & B5		Issued	N	-	n/a	
3/12	EL	Drawing	E-W1870	0	Control Schematic 480V Main Breaker A SG-ELV-0-01A/B		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1871	0	Control Schematic 480V Tie Breaker SG-ELV-0-01A/B		Issued	Y	Elec-1	rev 0 approved 3/26/12	
3/12	EL	Drawing	E-W1872	0	Control Schematic 480V Main Breaker B SG-ELV-0-01A/B STAMPED		Issued	Y	Elec-1	rev 0 approved 3/26/12	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	EL	Drawing			**Underground (model & dwgs)**				CBO-001/A E1	-	CBO-001/A E1
	EL	Drawing	E-U2000	0	Underground Notes and Details	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22	CBO-001/A E1
	EL	Drawing	E-U2001	0	Underground Notes and Details	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22	CBO-001/A E1
8/11	EL	Drawing	E-U2002	2	Manhole Details	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; Rev 1 pending 9/1/11; rev 2 approved 12/28/11	
	EL	Drawing	E-U2003	1	Cable Vault Details	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; Rev 1 Approved 1/13/12	CBO-001/A E1
9/11	EL	Drawing	E-U2005	0	UG Details Gas Compressor Area	-	Issued	Y	Elec-1	rev 0 approved 3/8/12	
11/11	~~EL~~	~~Drawing~~	~~E-U2007~~	deleted	~~PDC Stub-Up Details~~	~~5/12/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~E-U2008~~	deleted	~~PDC Stub-Up Details~~	~~5/12/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~E-U2009~~	deleted	~~BOP Stub-Up Details - Gas Area~~	~~5/12/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
	EL	Drawing	E-U2010	4	Manhole Details	5/12/11	Issued	Y	Elec-1	rev 4 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2011	4	Manhole Details	5/12/11	Issued	Y	Elec-1	R4 Approved 8/9/11	CBO-001/A E1
	EL	Drawing	E-U2012	2	Manhole Details	5/12/11	Issued	Y	Elec-1	R2 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2013	2	Manhole Details	5/12/11	Issued	Y	Elec-1	R2 Approved 8/9/11	CBO-001/A E1
	EL	Drawing	E-U2014	3	Manhole Details	5/12/11	Issued	Y	Elec-1	R3 Approved 8/9/11	CBO-001/A E1
	EL	Drawing	E-U2015	1	Manhole Details	5/12/11	Issued	Y	Elec-1	R1 Approved 8/9/11	CBO-001/A E1
	EL	Drawing	E-U2016	1	Manhole Details	5/12/11	Issued	Y	Elec-1	R1 Approved 8/9/11	CBO-001/A E1
	EL	Drawing	E-U2017	1	Manhole Details	5/12/11	Issued	Y	Elec-1	R1 Approved 8/9/11	CBO-001/A E1
12/11	~~EL~~	~~Drawing~~	~~E-U2020~~	deleted	~~MV Breaker Vault - Unit 6,7,8,9 Details~~ - See E-P6025	~~5/12/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
	EL	Drawing	E-U2021	6	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 6 approved 1/23/12	CBO-001/A E1
	EL	Drawing	E-U2023	6	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 6 Approved 1/23/12	CBO-001/A E1
	EL	Drawing	E-U2025	5	Ductbank Sections	5/12/11	Issued	Y	Elec-1	Rev 3 Approved 10/3; rev 5 Approved 1/23/12	CBO-001/A E1
	EL	Drawing	E-U2027	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 10/3; rev 3 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2029	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 9/28; rev 3 Approved 1/23/12	CBO-001/A E1
	EL	Drawing	E-U2031	4	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 3 approved 1/23/12	CBO-001/A E1
	EL	Drawing	E-U2033	4	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 4 Approved 1/23/12	CBO-001/A E1
	EL	Drawing	E-U2035	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 3 Approved 1/23/12	CBO-001/A E1
	EL	Drawing	E-U2037	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 3 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2039	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 3 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2040	6	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 6 Approved 1/23/12	CBO-001/A E1
	EL	Drawing	E-U2041	6	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 6 Approved 1/23/12	CBO-001/A E1
9/11	EL	Drawing	E-U2042	2	Ductbank Sections		Issued	Y	Elec-1	rev 0 Approved 9/26 ; Rev 2 Approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2043	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 9/28; rev 3 approved 12/28/11	CBO-001/A E1
8/11	EL	Drawing	E-U2044	4	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 4 Approved 1/23/12	CBO-001/A E1
	EL	Drawing	E-U2045	6	Ductbank Sections	5/12/11	Issued	Y	Elec-1	Rev 3 Approved 10/3; rev 6 Approved 1/23/12	CBO-001/A E1
8/11	EL	Drawing	E-U2046	3	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 3 approved 12/28/11	
	EL	Drawing	E-U2047	6	Ductbank Sections	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 6 Approved 1/23/12	CBO-001/A E1
	EL	Drawing	E-U2106	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 10/3; rev 4 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2107	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 10/3; rev 4 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2108	3	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 10/3; rev 3 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2109	3	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3; rev 3 approved 12/28/12	CBO-001/A E1
	EL	Drawing	E-U2111	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2112	2	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2113	2	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 2 Approved 10/3	CBO-001/A E1

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CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	EL	Drawing	E-U2114	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 4 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2115	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2116	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2117	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 4 Approved 10/24/11	CBO-001/A E1
	EL	Drawing	E-U2118	5	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 5 Approved 11/29/11	CBO-001/A E1
	EL	Drawing	E-U2119	2	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 2 Approved 10/24/11	CBO-001/A E1
	EL	Drawing	E-U2120	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 4 Approved 10/24/11	CBO-001/A E1
	EL	Drawing	E-U2121	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; Rev 3 Approved 10/24/11; Rev 4 Approved 11/10/11	CBO-001/A E1
	EL	Drawing	E-U2122	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2123	0	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22	CBO-001/A E1
	EL	Drawing	E-U2124	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2125	3	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 3 approved 12/28/11	CBO-001/A E1
	EL	Drawing	E-U2126	2	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 2 Approved 10/24/11	CBO-001/A E1
	EL	Drawing	E-U2127	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2128	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 4 Approved 11/29/11	CBO-001/A E1
	EL	Drawing	E-U2129	1	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	Rev 1 Approved 10/3	CBO-001/A E1
	EL	Drawing	E-U2130	5	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 5 approved 11/29/11	CBO-001/A E1
	EL	Drawing	E-U2131	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; rev 4 Approved 10/24/11	CBO-001/A E1
	EL	Drawing	E-U2132	4	Electrical Underground Plan	5/12/11	Issued	Y	Elec-1	rev 0 approved 6/22; Rev 3 Approved 10/24/11; Rev 4 Approved 11/10/11	CBO-001/A E1
		Drawing	E-U2150	3	Electrical Underground Plan	--	Issued	Y	Elec-1	R1 Approved 10/3; rev 3 approved 12/28/11	CBO-001/A E1
	EL	Drawing			**Grounding & Lightning Protection (2D)**	--	--	--	--	--	
	EL	Drawing	E-G3000	2	Grounding Notes and Details	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 2 Approved 12/13/11	CBO-001/A E1
	EL	Drawing	E-G3001	0	Grounding Notes and Details	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11	CBO-001/A E1
	EL	Drawing	E-G3002	1	Grounding Notes and Details	6/13/11	information	Y	Elec-1, TSE-4	R1 Approved 10/5/11	CBO-001/A E1
	EL	Drawing	E-G3003	1	Grounding Details	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11	CBO-001/A E1
	EL	Drawing	E-G3100	0	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11 (TSE & Elec)	CBO-001/A E1
	EL	Drawing	E-G3101	0	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11 (TSE & Elec)	CBO-001/A E1
	EL	Drawing	E-G3102	0	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11 (TSE & Elec)	CBO-001/A E1
	EL	Drawing	E-G3103	0	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11 (TSE & Elec)	CBO-001/A E1
	EL	Drawing	E-G3104	0	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11 (TSE & Elec)	CBO-001/A E1
	EL	Drawing	E-G3105	0	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11 (TSE & Elec)	CBO-001/A E1
	EL	Drawing	E-G3106	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11	CBO-001/A E1
	EL	Drawing	E-G3107	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3108	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3109	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~E-G3110~~	deleted	~~Grounding Plan~~	~~6/13/11~~	~~information~~	~~Y~~	~~Elec-1, TSE-4~~	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3111	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3112	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3113	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1

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Schedule, Master Drawings Specifications List (GEN-2)

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Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	EL	Drawing	E-G3114	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3115	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3116	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3117	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3118	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3119	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3120	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3121	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3122	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3123	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3124	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3125	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3126	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3127	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3128	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3129	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3130	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3131	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
	EL	Drawing	E-G3132	1	Grounding Plan	6/13/11	information	Y	Elec-1, TSE-4	rev 0 comments; rev 1 Approved 12/13/11 for TSE & Elec	CBO-001/A E1
11/11	EL	Drawing	E-G3133	0	Grounding Plan		information	Y	Elec-1, TSE-4	rev 0 approved 12/13/11	
11/11	~~EL~~	~~Drawing~~	~~E-G3133~~	deleted	~~Lightning Protection Plan~~	~~7/5/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~E-G3134~~	deleted	~~Lightning Protection Plan~~	~~7/5/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
	EL	Drawing			**CableTray (model and dwgs)**	--	--	--	--	--	
	EL	Drawing	E-T4000	0	Cable Tray Notes and Details	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4001	0	Cable Tray Details Unit CTG/PCM Sections	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~E-T4002~~	deleted	~~Cable Tray Notes and Details~~	~~5/10/11~~	~~information~~	~~Y~~	~~Elec-1~~	n/a	CBO-001/A E1
	EL	Drawing	E-T4005	0	Cable Tray Layout PDC Tray at El. 128 & 129		Issued	Y	Elec-1	rev 0 Reference Only 12/28/11	
	EL	Drawing	E-T4006	0	Cable Tray Layout PDC Tray at El. 128 & 129		Issued	Y	Elec-1	rev 0 Reference Only 12/28/11	
	EL	Drawing	E-T4100	0	Cable Tray Plan - PDC (refers to other dwgs only; no details)	5/10/11	Issued	Y	Elec-1	n/a	CBO-001/A E1
	EL	Drawing	E-T4101	1	Cable Tray Plan - CTG 6	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4102	1	Cable Tray Plan - CTG 7	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4103	1	Cable Tray Plan - CTG 8	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4104	1	Cable Tray Plan - CTG 9	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4105	1	Cable Tray Plan - PCM6	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4106	1	Cable Tray Plan - PCM7	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4107	1	Cable Tray Plan - PCM8	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing	E-T4108	1	Cable Tray Plan - PCM9	5/10/11	Issued	Y	Elec-1	rev 1 approved 1/6/12	CBO-001/A E1
	EL	Drawing			**Lighting & Recepticles (2D)**	--	--	--	--	--	
	EL	Drawing	E-L5000	1	Lighting Notes and Details	5/17/11	Issued	Y	VIS-4a	rev 0 pending 11/3/11; rev 1 Comments 12/16/11; Approved 2/14/12	
	EL	Drawing	E-L5001	2	Lighting Notes and Details	5/17/11	Issued	Y	VIS-4a	approved under TSE but needs to go to VIS too; VIS-4 rev 1 Approved 2/14/12	
	EL	Drawing	E-L5002	0	Stack Warning Lights	5/17/11	Issued	Y	VIS-4a / Trans-7	rev 0 Comments 12/16/11; Trans-7.1.0 Reference Only 1/11/12	
11/11	EL	Drawing	E-L5003	1	Lighting Notes and Details	--	Issued	Y	VIS-4a	rev 0 pending 12/2/11; rev 1 approved 2/14/12	
	EL	Drawing	E-L5004	0	Lighting Level Topography	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; response letter approved 2/14/12	
11/11	~~EL~~	~~Drawing~~	~~E-L5100~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-L5101~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
11/11	~~EL~~	~~Drawing~~	~~E-L5102~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-L5103~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-L5104~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-L5105~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-L5106~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
	EL	Drawing	E-L5107	3	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 3 approved 2/14/12	
	EL	Drawing	E-L5108	3	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 3 approved 2/14/12	
	EL	Drawing	E-L5109	2	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 pending 12/2/11; rev 2 approved 2/14/12	
11/11	~~EL~~	~~Drawing~~	~~E-L5110~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
	EL	Drawing	E-L5111	2	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 pending 12/2/11; rev 2 approved 2/14/12	
	EL	Drawing	E-L5112	4	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 4 approved 2/14/12	
	EL	Drawing	E-L5113	2	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 2 approved 2/14/12	
	EL	Drawing	E-L5114	2	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 2 approved 2/14/12	
	EL	Drawing	E-L5115	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 pending 12/2/11; rev 1 approved 2/14/12	
	EL	Drawing	E-L5116	4	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 4 aproved 2/14/12	
	EL	Drawing	E-L5117	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; response letter approved 2/14/12	
	EL	Drawing	E-L5118	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; response letter approved 2/14/12	
	EL	Drawing	E-L5119	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; response letter approved 2/14/12	
	EL	Drawing	E-L5120	4	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 4 approved 2/14/12	
	EL	Drawing	E-L5121	2	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 pending 12/2/11; rev 2 approved 2/14/12	
	EL	Drawing	E-L5122	0	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; response letter approved 2/14/12	
	EL	Drawing	E-L5123	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 3 approved 2/14/12	
	EL	Drawing	E-L5124	3	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 3 approved 2/14/12	
	EL	Drawing	E-L5125	3	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 3 approved 2/14/12	
	EL	Drawing	E-L5126	3	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 3 approved 2/14/12	
	EL	Drawing	E-L5127	3	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 3 approved 2/14/12	
	EL	Drawing	E-L5128	1	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 3 approved 2/14/12	
	EL	Drawing	E-L5129	3	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 3 approved 2/14/12	
	EL	Drawing	E-L5130	3	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 3 approved 2/14/12	
	EL	Drawing	E-L5131	3	Lighting Plan	5/17/11	Issued	Y	VIS-4a	rev 0 Comments 12/16/11; rev 3 approved 2/14/12	
2/12	~~EL~~	~~Drawing~~	~~E-L5132~~	deleted	~~Lighting Plan~~	~~5/17/11~~	~~Approval~~	~~Y~~	~~VIS-4a~~	n/a	
	EL	Drawing			**Power and Control (2D)**					--	
	EL	Drawing	E-P6000	0	Layout Details	7/27/11	Issued	N		--	
	EL	Drawing	E-P6001	A	Junction Box Layout and Mounting Detail	7/27/11	Issued	N		--	
	EL	Drawing	E-P6002		Power and Control Notes and Details	7/27/11	information				
2/12	~~EL~~	~~Drawing~~	~~E-P6003~~	deleted		-	n/a	n/a	n/a	n/a	
12/11	EL	Drawing	E-P6020	1	Preliminary PDC Layout	3/28/11	Issued	Y	~~TSE-1~~, Elec-1	rev 1 approved 1/17/12	
12/11	EL	Drawing	E-P6025	0	Generator Circuit Breaker Location Detail	-	Issued	Y	Elec-1	rev 0 approved 1/17/12	
2/12	~~EL~~	~~Drawing~~	~~E-P6030~~	deleted	~~deleted~~	-	~~information~~	~~Y~~	~~Elect-1~~	n/a	
	EL	Drawing	E-P6031	0	Non-Seg Bus Layout at GSU	-	Issued		Elect-1	rev 0 Approved 1/30/12	
	EL	Drawing	E-P6032	0	Non-Seg Bus Layout at MV Breaker	-	Issued	Y	Elect-1	rev 0 approved 2/29/12	
10/11	EL	Drawing	E-P6033	0	PDC Building Non-seg Bus Layout	3/28/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
10/11	EL	Drawing	E-P6034	0	PDC Building Non-seg Bus Sections	3/28/11	Issued	Y	Elect-1	rev 1 Approved 1/6/12	
11/11	EL	Drawing	E-P6039	0	Chiller Unit Details	-	Issued	Y	Elect-1	rev 0 approved 1/17/12	
2/12	~~EL~~	~~Drawing~~	~~E-P6100~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~	~~Y~~	~~Elect-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-P6101~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~	~~Y~~	~~Elect-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-P6102~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~	~~Y~~	~~Elect-1~~	n/a	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
11/11	~~EL~~	~~Drawing~~	~~E-P6103~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~	~~Y~~	~~Elect-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-P6104~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~	~~Y~~	~~Elect-1~~	n/a	
11/11	~~EL~~	~~Drawing~~	~~E-P6105~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~	~~Y~~	~~Elect-1~~	n/a	
	EL	Drawing	E-P6106	1	Electrical Above Ground Plan	7/27/11	information			rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6107	1	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6108	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6109	1	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
11/11	~~EL~~	~~Drawing~~	~~E-P6110~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~	~~Y~~	~~Elect-1~~	n/a	
9/11	EL	Drawing	E-P6111	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6112	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6113	1	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6114	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6115	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6116	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6117	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6118	1	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12; Rev 1 approved 2/14/12	
9/11	EL	Drawing	E-P6119	1	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12; Rev 1 approved 2/14/12	
9/11	EL	Drawing	E-P6120	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6121	1	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6122	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6123	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6124	1	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6125	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6126	1	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12; Rev 1 approved 2/14/12	
9/11	EL	Drawing	E-P6127	1	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6128	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6129	1	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6130	1	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6131	1	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
9/11	EL	Drawing	E-P6132	0	Electrical Above Ground Plan	7/27/11	Issued	Y	Elect-1	rev 1 Reference Only 1/6/12	
111/11	~~EL~~	~~Drawing~~	~~E-P6133~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6134~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6135~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6136~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6137~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6138~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6139~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6140~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6141~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6142~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6143~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6144~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6145~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6146~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6147~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6148~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
111/11	~~EL~~	~~Drawing~~	~~E-P6149~~	deleted	~~Power and Control Plan~~	~~7/27/11~~	~~information~~			N/A	
					Lists and Schedules					-	
2/12	EL	Drawing	E-S1500	1	Panel Schedules UPS-UPS-0-01	-	Issued	N	-	N/A	
8/11	EL	Drawing	E-S1501	1	Panel Schedules UPS-UPS-0-01	-	Issued	N	-	N/A	
8/11	EL	Drawing	E-S1502	2	Panel Schedules DCP-DC-0-01	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1503	0	Unit 600 PCM Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1504	0	Unit 600 MCC Panel Schedule	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1505	0	Unit 700 PCM Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1506	0	Unit 700 MCC Panel Schedule	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1507	0	Unit 800 PCM Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1508	0	Unit 800 MCC Panel Schedule	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1509	0	Unit 900 PCM Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1510	0	Unit 900 MCC Panel Schedule	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1511	0	Panel Schedule Warehouse and control building	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1512	0	CEMS 6 Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1513	0	CEMS 7 Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1514	0	CEMS 8 Panel Schedule	-	Issued	N	-	N/A	
9/11	EL	Drawing	E-S1515	0	CEMS 9 Panel Schedule	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1516	0	Panel Schedule - chillers	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1517	0	Panel Schedule - chillers	-	Issued	N	-	N/A	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
111/11	EL	Drawing	E-S1518	0	Panel Schedule GCB	-	Issued	N	-	N/A	
111/11	EL	Drawing	E-S1519	0	Panel Schedule GCB	-	Issued	N	-	N/A	
2/12	EL	Drawing	E-S1520	0	Panel Schedule Water Heater Module LP-CHW-0-05	-	Issued	N	-	N/A	
9/11	EL	List	E-S-9001		Equipment Schedule	-	information	N	-	N/A	
9/11	EL	List	E-S-9002	0	Cable Schedule	-	Issued	N	-	N/A	
9/11	EL	List	E-S-9003		Conduit Schedule	-	information	N	-	N/A	
9/11	EL	List	E-S-9004		Tray Schedule	-	information	N	-	N/A	
	EL				**Plant Systems Design**		--	--	--	--	CBO-001/A E1
11/11	~~EL~~	~~Drawing~~	~~E-P6000~~	deleted	~~Security System~~		~~Approval~~			N/A	
11/11	~~EL~~	~~Drawing~~	~~E-P6001~~	deleted	~~Fire Protection~~		~~Approval~~	~~Y~~	~~Elec-1~~	N/A	CBO-001/A E1
9/11	EL	Drawing	E-W1663	A	Plant Communications Systems Schematic		Issued	N	--	--	
10/11	EL	Drawing	E-W1667	A	Interconnection Phasing Diagram		Issued	N	--	N/A	
10/11	EL	Drawing	E-W1668	1	Relay Trip Matrix		Issued	N	--	Rev 0 For Reference Only 11/10/11; Rev 1 approved 1/10/12	
10/11	EL	Drawing	B-SS004	A	Switchyard Communication		Issued	N	--	N/A	
	EL	Study/Calc			**Studies**		--	--	--	--	CBO-001/A E1
	EL	Study/Calc	EE-003	A	Short Circuit Study	6/14/11	Issued	Y	Elec-1	rev A approved 8/16	CBO-001/A E1
	EL	Study/Calc	EE-002	A	Load Flow Study & Voltage Drop	5/3/11	Approval	Y	Elec-1	rev A approved 8/16	CBO-001/A E1
	EL	Study/Calc	EE-006	1	Arc Flash Study	5/24/11	Issued	Y	Elec-1	rev 0 approved 12/28/11; rev 1 approved 3/9	CBO-001/A E1
	EL	Study/Calc	EE-004	0	Grounding System Study	5/3/11	Issued	Y	Elec-1; TSE-4	rev 0 approved Elec-1 10/6/11; rev 0 pending 10/25/11 TSE-4	CBO-001/A E1
	EL	Study/Calc	EE-005	0	Protective Device Coordination		Issued	Y	Elec-1	rev 0 approved 12/28/11	CBO-001/A E1
	EL	Study/Calc	#		Ductbank Ampacity	4/13/11	Approval	Y	Elec-1		CBO-001/A E1
11/11	~~EL~~	~~Study/Calc~~	~~#~~	deleted	02	~~4/28/11~~	~~Approval~~	~~Y~~	~~Elec-1~~	N/A	CBO-001/A E1
	EL	Study/Calc	#		PSS Settings (subcontracted - GE??)			Y	Elec-1		CBO-001/A E1
	EL	Study/Calc			**Calculations**		--	--	--	--	--
11/11	~~EL~~	~~Study/Calc~~	~~#~~	deleted	~~Lighting Calcs~~ - See E-L5004		~~information~~	~~Y~~	~~Elec-1~~	N/A	CBO-001/A E1
3/12	EL	Study/Calc	EE-010	0	Battery Charger Sizing			Y	Elec-1	REV 0 Approved 3/26/12	CBO-001/A E1
3/12	EL	Study/Calc	EE-008	0	Switchyard/BOP UPS Load Summary			Y	Elec-1	REV 0 Approved 3/26/12	
3/12	EL	Study/Calc	EE-009	0	Switchyard/BOP Battery Load Summary			Y	Elec-1	REV 0 Approved 3/26/12	
	EL	Study/Calc	EC-01	0	Temporary Construction Power Calculation		information	Y	ELEC-1-2.0	approved 7/1/11	CBO request
	T&D				**TRANSMISSION & DISTRIBUTION**						
	T&D	Specification			**Specifications**		--	--	--		--
	T&D	Specification			**Construction & Installation Specifications**		--	--	--		--
9/11	T&D/ Struct	Specification	316329	1	Drilled Concrete Piers		Issued	Y	TSE-1, TSE-4; Struc-1	rev 0 TSE-4 and Struc-1 comments 10/39/11; rev 1 Approved 10/27/1 & 11/2/11	
10/11	~~T&D~~	~~Specification~~	~~337250~~		~~Electrical Construction - Swyd/Substn -~~ By Vendor Distran		~~Information~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Specification~~	~~269900~~		~~Electrical Construction - Testing~~		~~Information~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Specification~~			~~Communications Equipment (incl Fiber Optic Term)~~		~~Information~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
8/11	~~T&D~~	~~Specification~~	~~337116.23~~		~~T-line Structures~~ (replaced by design criteria & PG&E docs)		~~Information~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
8/11	~~T&D~~	~~Specification~~	~~337150~~		~~T-Line Construction~~ (replaced by Exhibit a Scope of Work)		~~Information~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
9/11	T&D	Specification	n/a	n/a	Compliance Letter , T-Line design		Information	~~Y~~ N	TLSN-1	CEC compliance letter issued 4/11 & approved by CEC at meeting	
9/11	T&D	Specification	n/a	n/a	Compliance Letter , T-Line grounding		Information	~~Y~~ N	TLSN-4	CEC compliance letter	
	T&D	Specification			**Equipment Procurement Specifications**		--	--	--		--
5/11	T&D	Specification	260001	2	230KV Circuit Breaker		Approval	Y	TSE-1, TSE-4	R2 Reference Only 8/11/11	
5/11	T&D	Specification	260002	0	230KV Substation Disconnect Switch		Approval	Y	TSE-1, TSE-4	R0 Reference Only 8/11/11	
8/11	~~T&D~~	~~Specification~~			~~Gang Operated Air Switches~~		~~Approval~~	~~Y~~	~~TSE-1, TSE-4~~		
5/11	T&D	Specification	260003	1	230 KV Combined Metering Transformers (Relaying)		Approval	Y	TSE-1, TSE-4	R1 Reference Only 8/11/11	
	T&D	Specification	260004	0	230KV Surge Substation Lightening Arresters		Approval	Y	TSE-1, TSE-4	R0 Reference Only 8/11/11	
8/11	~~T&D~~	~~Specification~~			~~Current Transformers (Metering Accuracy in Breaker)~~		~~Approval~~	~~Y~~	~~TSE-1, TSE-4~~		
	T&D	Specification	260006	1	230 KV Capacitor Voltage Transformers		Approval	Y	TSE-1, TSE-4	R1 Reference Only 8/11/11	
10/11	~~T&D~~	~~Specification~~			~~Relay Panels & Racks~~ - See Electrical Above		Approval	Y	TSE-1, TSE-4	n/a	
10/11	~~T&D~~	~~Specification~~			~~Telephone / Communications Equipment~~ - See Electrical Above		~~Approval~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Specification~~			~~Minor Materials Package (Packager)~~		~~Approval~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Specification~~			~~T-line Structures and Hardware~~		~~Approval~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
	T&D	Specification			**Equipment Procurement Specifications**		--	--	--		--
	T&D	Standard	015014	6	PG&E - Suspension Type Insulators		Information	Y	TSE-1, TSE-4	Reference Only 7/19	
	T&D	Standard	051742	2	PG&E - Civil Design Standard Tubular Steel Poles		Information	Y	TSE-1, TSE-4	Reference Only 7/19	
	T&D	Standard	068177	8	PG&E - Overhead Transmission Line Design Criteria		Information	Y	TSE-1, TSE-4	Reference Only 7/19	
	T&D	Standard	072115	3	PG&E - Design Criteria Tubular Steel Pole Requirements High Wind		Information	Y	TSE-1, TSE-4	Reference Only 7/19	
	T&D	Standard	073290	2	PG&E - Design Criteria Tubular Steel Pole Requirements		Information	Y	TSE-1, TSE-4	Reference Only 7/19	
	T&D	Standard	470591	2	PG&E - Electrical Clearances for 60kV, 70kV, 115kV and 230kV		Information	Y	TSE-1, TSE-4	Reference Only 7/19	
	T&D	Standard	Eng Std 68	A	PG&E - Engineering Standard No 68		Information	Y	TSE-1, TSE-4	Reference Only 7/19	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
	T&D	Drawing			**Drawings & Model work**		--	--	--		--
	T&D	Drawing			**One-Line & Three-Line Diagrams**		--	--	--		--
	T&D	Drawing	B-SL001	7	HV Relaying & Metering One-Line Diagram		Issued	Y	TSE-1, TSE-4	R5 approved 9/26/11; R7 approved 11/22/11	
3/12	T&D	Drawing	B-TL001	2	Three Line Diagrams		Issued	Y	TSE-1, TSE-4	rev 0 approved 2/24/12; rev 1 approved 3/15/12; rev 2 pending 3/26	
2/12	~~T&D~~	~~Drawing~~	~~B-TL002~~	A	~~Three Line Diagrams -~~ VOIDED		Issued	Y	TSE-1, TSE-4	n/a	
2/12	~~T&D~~	~~Drawing~~	~~B-OL002~~	A	~~Transmission One-Line~~ - VOIDED		Issued	Y	TSE-1, TSE-4, TSE-5	n/a	
	T&D	Drawing			**Schematic & Wiring Diagrams**		--	--	--		--
10/11	Vendor	~~Drawing~~			~~Protective Relay DC Schematic Diagram~~		~~Information~~			n/a	
	T&D	Drawing	B-CS01	1	Main Breaker DC Control Schematic		Issued		TSE-1, TSE-4	rev 0 Reference Only 2/29/12; Rev 1 approved 3/15/12	
3/12	T&D	Drawing	B-ACS01	0	Relay Potential and Metering AC schematic		Issued		TSE-1, TSE-4	rev 0 approved 3/15/12	
3/12	T&D	Drawing	B-ITC001 sht 1	0	Relay Panel RP-0-01 Interconnection Diagram		Issued	N	--	n/a	
3/12	T&D	Drawing	B-ITC001 sht 2	0	Relay Panel RP-0-01 Interconnection Diagram		Issued	N	--	n/a	
3/12	T&D	Drawing	B-ITC002	0	Circuit Breaker CB230-01 External Connection Diagram		Issued	N	--	n/a	
10/11	Vendor	~~Drawing~~			~~Relay Panel Layouts (Elevation)- Line~~		~~Information~~			n/a	
10/11	Vendor	~~Drawing~~			~~Relay Panel Layouts (Elevation)- Bus~~		~~Information~~			n/a	
	T&D	Drawing			~~**Relay Panel Wiring Diagrams**~~		--	--	--		--
10/11	Vendor	~~Drawing~~			~~Relay Panel Wiring Diagrams- Line~~		~~Information~~			n/a	
10/11	Vendor	~~Drawing~~			~~Relay Panel Wiring Diagrams- Bus~~		~~Information~~			n/a	
10/11	Vendor	~~Drawing~~			~~Relay Panel Wiring Diagrams- Transmission~~		~~Information~~			n/a	
	T&D	Drawing			~~**Interconnect/Termination**~~		--	--	--		--
10/11	Vendor	~~Drawing~~			~~Interconnection Diagrams (Yard Equipment)~~		~~Information~~			n/a	
10/11	Vendor	~~Drawing~~			~~Relay Panel Interconnections~~		~~Information~~			n/a	
10/11	Vendor	~~Drawing~~			~~Termination Sheets (2 shts)~~		~~Information~~			n/a	
	T&D	Drawing			**Plans & Sections**		--	--	--		--
	T&D	Drawing	B-PP001	A	Switchyard Plan		Approval	Y	TSE-1, TSE-4	Replaced by Distran dwgs	
	T&D	Drawing	B-SS001	A	Elev Looking East sht 1		Information	Y	TSE-1, TSE-4	Replaced by Distran dwgs	
	T&D	Drawing	B-SS002	A	Elev Looking East sht 2		Information	Y	TSE-1, TSE-4	Replaced by Distran dwgs	
	T&D	Drawing	B-SS003	A	Elev Looking North		Information	Y	TSE-1, TSE-4	Replaced by Distran dwgs	
10/11	~~T&D~~	~~Drawing~~			~~Underground Raceway -~~ See Electrical Above		~~Information~~			n/a	
10/11	~~T&D~~	~~Drawing~~			~~Grounding Plan -~~ See Electrical Above		~~Information~~	~~Y~~	~~TSE-1, TSE-4~~	n/a	
	T&D	Drawing			**Transmission- Plan and Profile**		--	--	--		--
9/11	T&D	Drawing	T-001	0	Drawing Index and Structure Data		Issued	Y	TSE-1, TSE-4, TSE-5	R0 comments 10/28/11; response letter TSE1-1.2 & TSE 4-1.2 approved 2/14/12	
	T&D	Drawing	T-PS012	1	Transmisison Route Plan and Profile sht 1		Issued	Y	TSE-1, TSE-4, TSE-5	R0 Approved 7/18; R1 approved 2/14/12	
	T&D	Drawing	T-PS013	1	Transmisison Route Plan and Profile sht 2		Issued	Y	TSE-1, TSE-4, TSE-5	R0 Approved 7/18; R1 approved 2/14/12	
	T&D	Drawing	T-PS014	1	Transmisison Route Plan and Profile sht 3		Issued	Y	TSE-1, TSE-4, TSE-5	R0 Approved 7/18; R1 approved 2/14/12	
7/11	~~T&D~~	~~Drawing~~	~~T-SD001-VOID~~	~~B~~	~~VOID - Dead End Structure Detail DE-1; replaced by T-SD-01~~		~~Issued~~	~~Y~~	~~TSE-1, TSE-4~~	VOID	
7/11	~~T&D~~	~~Drawing~~	~~T-SD002 - VOID~~	~~B~~	~~VOID - Tangent Structure Detail TA-1; Replaced by T-SD012~~		~~Issued~~	~~Y~~	~~TSE-1, TSE-4~~	VOID	
7/11	~~T&D~~	~~Drawing~~	~~T-SD004 - VOID~~	~~A~~	~~VOID - Double Dead End Structure DDE-1; Replaced by T-SD014~~		~~Issued~~	~~Y~~	~~TSE-1, TSE-4~~	VOID	
7/11	T&D	Drawing	T-L0007	1	Jumper Configuration Details		Issued	Y	TSE-1, TSE-4	R0 Approved 7/14; R1 approved 2/14/12	
7/11	T&D	Drawing	T-SD005	1	Connection Assembly Details		Issued	Y	TSE-1, TSE-4	R1 Approved 7/14	
7/11	T&D	Drawing	T-SD008	0	Vibration Damper Assembly and Details		Issued	Y	TSE-1, TSE-4	R1 Approved 3/2/12; R0 Approved 7/14	
9/11	T&D	Drawing	T-SD009	0	Fiber Optic Connection Assembly Details		Issued	Y	TSE-1, TSE-4	R0 comments 10/28/11; response letter TSE1-1.2 & TSE 4-1.2 approved 2/14/12	
7/11	T&D	Drawing	T-SD011	1	Dead End Structure Detail DE-1; replaced by T-SD-01		Issued	Y	TSE-1, TSE-4	R0 Approved 7/14; R1 approved 2/14/12	
9/11	T&D	Drawing	T-SD011A	0	Dead End Structure Detail DE-1A		Issued	Y	TSE-1, TSE-4	R0 comments 10/28/11; response letter TSE1-1.2 & TSE 4-1.2 approved 2/14/12	
7/11	T&D	Drawing	T-SD012	1	Tangent Structure Detail TA-1; Replaced by T-SD012		Issued	Y	TSE-1, TSE-4	R0 Approved 7/14; R1 approved 2/14/12	
7/11	T&D	Drawing	T-SD014	1	VOID - Double Dead End Structure DDE-1; Replaced by T-SD014		Issued	Y	TSE-1, TSE-4	R0 Approved 7/14; R1 approved 2/14/12	
~~2/12~~	~~T&D~~	~~Drawing~~		deleted	~~SCADA / RTU Interface~~					n/a	
~~11/11~~	~~T&D~~	~~Drawing~~		deleted	~~Demolition~~					n/a	
10/11	Vendor	~~Drawing~~			~~Raceway Details~~					n/a	
10/11	Vendor	~~Drawing~~			~~T&D Miscellaneous Details~~					n/a	
10/11	Vendor	~~Drawing~~			~~Standard/Typical Details~~					n/a	

Mariposa Project 415059
CH2M Hill Engineers Inc.
Schedule, Master Drawings Specifications List (GEN-2)

Issue Date: 4/3/12 **Document: CBO-0001**

Rev	Discipline	Type	Document Number	Rev	Document Description	Target Date	MEL Submittal	CBO Submittal Req'd	C of C reference	BV Status	BVnet Ref
10/11	Vendor	~~Drawing~~			~~T&D Grounding Details -~~ **See Electrical Above**			~~Y~~	~~TSE-1, TSE-4~~	n/a	
	T&D	Drawing			**Switchyard and T-Line Structural**		--	--	--		--
	T&D	Drawing			**Foundations**		--	--	--		--
7/11	T&D	Drawing	T-FD001	2	**Transmission Structure Drilled Pier Foundation Section & Detail**		Issued	Y	Struc-1, TSE-1, TSE-4	R2 Approved 7/27/11	
10/11	T&D	Drawing	B-FD001	1	**Switchyard Foundation Location Plan**		Issued	Y	TSE-1, TSE-4	Rev 0 comments 11/7/11; Rev 0 Approved 11/11/11 & 11/29/11; Rev 1 pending 2/7/12	
10/11	T&D	Drawing	B-FD002	1	**Switchyard Drilled Pier Foundation Sections & Details**		Issued	Y	TSE-1, TSE-4	Rev 0 comments 11/7/11; Rev 1 Approved 11/11/11 & 11/29/11	
2/12	T&D	Drawing	B-FD003	0	**Deadend Support Steel and Foundation Plan, Section & Details**		Issued	Y	TSE-1, TSE-4		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~Tangent Tower~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~CCVT~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~Arrester~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~Breaker~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~High Switch~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~High Bus~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~High Bus Single~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~	Deleted	~~Bus Duct~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~		
	T&D	Drawing			**Structures**		--	--	--		--
	T&D	Drawing	Vendor		~~CCVT Support~~ Switchyard support structures dwgs and calcs by Distran		Information	Y	Struc-1, TSE-4	TSE-4 package pending 11/2/11	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~Low Bus Support~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~Low Switch Support~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~Arrester Supports~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~High Switch Support~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~High Bus Support~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~High Bus Single Support~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~Drawing~~	~~Vendor~~		~~Bus Duct Supports~~		~~Information~~	~~Y~~	~~Struc-1, TSE-1, TSE-4~~	n/a	
	T&D	Study/Calc			**Studies , Calculations and Analysis**		--	--	--		--
	T&D	Study/Calc	TD-DC1	1	Transmission Line Material Design Criteria		Issued	Y	TSE-5	Approved	
			memo 4/8/11	-	Transmission Line Design Memo to Fabricator		Issued	Y	TSE-4	Approved 7/19	
1/2	~~T&D~~	~~Study/Calc~~		deleted	~~Load / Ampacity Calculation~~		~~Information~~	~~Y~~	~~Elec-1, TSE-4~~	n/a	
	T&D	Study/Calc			Protective Device Setting: Differential		Information	Y	Elec-1, TSE-4		
	Vendor	Study/Calc	Vendor		T-line Structure Loading Trees		Information	Y	Elec-1, TSE-4	submitted	
5/11	T&D	Study/Calc	STR #1 - #8. LCA	-	Sag-10		Information	Y	Elec-1, TSE-4	Approved 7/19	
6/11	T&D	Calc	TC-01	2	Transmisison Line Foundation Calculation		Issued	Y	Struc-1, TSE-4	R2 Approved 7/27/11 & 2/14/12	
11/11	T&D	Calc	TC-02	0	Switchyard Foundation Calculation		Issued	Y	Struc-1, TSE-4	Rev 0 comments 11/7/11; Rev 0 Approved 11/11/11 & 11/29/11	
	T&D	List			**Lists / Schedules**		--	--	--		--
10/11	~~T&D~~	~~List~~			~~Cable Schedule - See Electrical Above~~			~~Y~~	~~Elec-1, TSE-4~~	n/a	
10/11	~~T&D~~	~~List~~			~~Raceway Schedule - See Electrical Above~~			~~Y~~	~~Elec-1, TSE-4~~	n/a	
	T&D				**Subcontractor's & Vendors**						

STRUC-1

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 02148

9189 S. Jamaica Street
Englewood, CO 80112

Date: 18-Apr-12

TO: Bureau Veritas North America, Inc.
180 Promenade Circle
Suite 150
Sacramento, CA 95834

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL CBO Comment Response Letter
CTG Lube Oil Cooler 600

Document Codes:

	D- Design	RD - Record	RDNP - Revise & Resubmit, Do Not Proceed
APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Kelly Banta
(E) kelly.banta@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments and documents are due in 15 business days of transmittal date.
STRUC-1-35.0X1 - MEP 415059 Concrete Mix Design - PC1
In Ref to: STRUCT-1-35.0/BV Deficiency Item 12

Recipient must acknowledge receipt of all transmitted documents listed herein or provide comments back to transmitter. Return a copy of this transmittal letter signed acknowledging receipt of all documents or return a copy of the transmittal identifying the missing documents.

This can be done by fax, email, or personally delivered response. Please respond within 5 business days of the transmittal date of this document.

Confirmations not received within 5 business days will be considered as receipt in full of documents on transmittal.

Be advised that documents posted to SharePoint will be deleted after 14 days of issue.

By signing below I hereby acknowledge:

(_____) Receipt of all documents as identified in this transmittal letter.

(_____) Exceptions to documents received as transmitted in this transmittal letter. Missing documents are identified on this returned transmittal. We ask for these documents to be retransmitted to our firm.

Acknowledgement provided by: _____

Received Date: _____

Phone: _____

Email: _____

LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 02148

Date: 18-Apr-12

Item No.	Copies	Date	Number	Rev No.	Description	Status
	1	4/18/2012			CBO Comment Response Letter STRUCT-1-35.0 PC 1	Approval

Copy To:		Qty:	Copy To:		Qty:
Shamica Zenn	Bureau Veritas North America, Inc.	1	Jamie Saldana	Bureau Veritas North America, Inc	E
James Spicer	Mariposa Energy, LLC	E	MEP Pwr Gp Mailbox	LG Constructors, Inc.	E
Jeff Nobe	LG Constructors, Inc.	E	Les Mathine	LG Constructors, Inc.	E

The transmittal state of electronic documents is as accompanies this transmittal. Subsequent modifications made by others to the electronic copy of these documents are not the responsibility of LG Constructors, Inc.
Only signed/sealed hardcopies are to be used for permit, construction or purchase, unless otherwise noted on this transmittal.

-- END --

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 02132

9189 S. Jamaica Street
Englewood, CO 80112

Date: 09-Apr-12

TO: Bureau Veritas North America, Inc.
180 Promenade Circle
Suite 150
Sacramento, CA 95834

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR REFERENCE
US Water Supplement Documents for
House Keeping Pads Foundation Plan

Document Codes:

	D- Design	RD - Record	RDNP - Revise & Resubmit, Do Not Proceed
APP - Approval	FAB - Fabrication	RF - Reference	SU - Superseded
ASB - As Built	I- Information	R - Review	V - Void
B-Bid	PE - Permit	RWC - Reviewed with Comments	X - Comments
B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Kelly Banta
(E) kelly.banta@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments and documents are due in 15 business days of transmittal date.
STRUC-1-36.0 - MEP 415059 House Keeping Pads Foundation Plan - PC3

Recipient must acknowledge receipt of all transmitted documents listed herein or provide comments back to transmitter. Return a copy of this transmittal letter signed acknowledging receipt of all documents or return a copy of the transmittal identifying the missing documents.

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Item No.	Copies	Date	Number	Rev No.	Description	Status
	1	2/22/2012			Title: Tie-Down Assemblies (TIE-DOWN ASSEMBLIES), Revision: Issued for Information (-, Feb 21, 2012)	For Information Only
	1	2/22/2012			Title: Tank and Pumps Housekeeping Pads Plan and Sections STAMPED (S-C1035), Revision: Revised Section Callout, Added 2 (1, Feb 20, 2012)	Approval
	1	4/9/2012			Hilti Email for Reference	New Item
	1	4/9/2012			CBO Comment Response Letter Struct-1-36.0 PC2	New Item

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 02132

9189 S. Jamaica Street
Englewood, CO 80112

Date: 09-Apr-12

Item No.	Copies	Date	Number	Rev No.	Description	Status
	1	2/22/2012			Title: Miscellaneous Housekeeping Pads STAMPED (415059-SC-30), Revision: Incorporated CBO Comments (1, Feb 24, 2012)	Approval

Document No.:	Rev No.:	Description:	Designer:	Code:
SEISMIC CALCS	-	Title: Seismic Restraint Calculations (SEISMIC CALCS), Revision: For Review (-, Feb 28, 2001)	US Water Services, Inc.	FR-For Reference
TDA003	0	Title: Seismic & Windload Restraint System for Polyetheylene Tanks (TDA003), Revision: For Review (0, Mar 17, 2008)	US Water Services, Inc.	FR-For Reference

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Les Mathine	LG Constructors, Inc.	E	Jeff Nobe	LG Constructors, Inc.	E
MEP Pwr Gp Mailbox	LG Constructors, Inc.	E			

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LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 02156

9189 S. Jamaica Street
Englewood, CO 80112

Date: 23-Apr-12

TO: Bureau Veritas North America, Inc.
180 Promenade Circle
Suite 150
Sacramento, CA 95834

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

The following Data was sent via: FTP

REF: ISSUED FOR APPROVAL
CH2M HILL House Keeping Pads Fdn Plans

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B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Kelly Banta
(E) kelly.banta@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

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STRUC-1-36.0 - MEP 415059 House Keeping Pads Foundation Plan - PC4

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Item No.	Copies	Date	Number	Rev No.	Description	Status
	1	4/23/2012			Hilti Email for Reference	Reference
	1	4/23/2012			Title: Seismic Restraint Calculations (SEISMIC CALCS), Revision: For Review (-, Feb 28, 2011)	Reference
	1	4/23/2012			CBO Comment Response Letter Struc-1-36.0 PC3	New Item
	1	4/23/2012			Title: Tie-Down Assemblies (TIE-DOWN ASSEMBLIES), Revision: Issued for Information (-, Feb 21, 2012)	For Information Only

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 02156

9189 S. Jamaica Street
Englewood, CO 80112

Date: 23-Apr-12

Item No.	Copies	Date	Number	Rev No.	Description	Status
	1	4/23/2012			Title: Seismic & Windload Restraint System for Polyetheylene Tanks (TDA003), Revision: for Review (0, Mar 17, 2008)	Reference

Document No.:	Rev No.:	Description:	Designer:	Code:
415059-SC-30	2	Title: Miscellaneous Housekeeping Pads STAMPED (415059-SC-30), Revision: 2 Incorporated CBO Comments (2, Apr 18, 2012)	LG Constructors, Inc.	A-Approval
S-C1035	1	Title: Tank and Pumps Housekeeping Pads Plan and Sections STAMPED (S-C1035), Revision: Revised Section Callout, Added 2 (1, Feb 20, 2012)	LG Constructors, Inc.	A-Approval

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LG Constructors, Inc.

Transmittal No.: 02157

9189 S. Jamaica Street
Englewood, CO 80112

Date: 23-Apr-12

TO: Bureau Veritas North America, Inc.
180 Promenade Circle
Suite 150
Sacramento, CA 95834

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

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CH2M HILL CBO Comment Response Letter
High Strength Bolting Inspection Procedure

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C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

Transmitted By: Kelly Banta
(E) kelly.banta@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

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STRUC-1-37.0 - MEP 415059 High Strength Bolting (HSB) Inspection Procedure - PC1

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	1	4/20/2012			CBO Comment Response Letter STRUC-1-37.0	Approval

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LG Constructors

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LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 02157

Date: 23-Apr-12

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MECH-1

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 02129

9189 S. Jamaica Street
Englewood, CO 80112

Date: 09-Apr-12

TO: Bureau Veritas North America, Inc.
180 Promenade Circle
Suite 150
Sacramento, CA 95834

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

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CH2M Hill UG Piping ORTHO

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B/C - Bid/Construction	P - Proceed	RWOC - Rev'd w/o Comments	
C- Construction	PU - Purchase	RP - Revise & Proceed as Noted	

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(E) kelly.banta@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

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MECH-1-9.0X3 - MEP 415059 UG Piping ORTHOs - PC1
NOTE: The previous revision was approved by BVNA.

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9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 02129

Date: 09-Apr-12

Document No.:	Rev No.:	Description:	Designer:	Code:
P-PU510	1	Title: Underground/Aboveground Fire Protection and Bollard Details STAMPED [DCN-006 & DCN-009] (P-PU510), Revision: Revised and Approved for Constr (1, Apr 6, 2012)	LG Constructors, Inc.	A-Approval

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ELEC-1

LG Constructors

Transmittal

LG Constructors, Inc.

Transmittal No.: 02110

9189 S. Jamaica Street
Englewood, CO 80112

Date: 02-Apr-12

TO: Bureau Veritas North America, Inc.
180 Promenade Circle
Suite 150
Sacramento, CA 95834

Job No: 415059

Job Name: Mariposa Energy Project

ATTN: Barbara Tomajic

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CH2M Hill MV One Line Diagrams

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Transmitted By: Kelly Banta
(E) kelly.banta@ch2m.com
(O)

Transmitted For: Jeff Nobe

Comments:

BVNA: Comments and documents are due in 15 business days of transmittal date.
ELEC-1-7.0X4 - MEP 415059 MV One Line Dgms - PC1
NOTE: The previous revision was approved by BVNA.

NOTICE TO SUBCONTRACTOR/SELLER - Subcontractor/Seller shall immediately review all of the documents referenced and/or attached to this Transmittal, and notify Contractor/Buyer within three (3) working days of receipt of such transmittal if there is any impact to either price or schedule associated with the information or documents provided. Subcontractor shall not proceed with any Work (except for an emergency endangering of life or property) that they perceive impacts price and/or schedule until Contractor/Buyer provide direction/authorization to proceed. For subcontracts, this notification (along with the associated price or schedule impact) shall be as provided for in the Subcontract, specifically preparing and submitting a Change Order Request (COR). For Purchase Orders (PO), notification shall be as provided for in the PO, or through an e-mail to the "Buyer Representative" detailing the perceived change and associated price and/or schedule impact.

Should the Subcontractor/Seller fail to submit the required notice in accordance with the timeframes established above, no adjustment in price and/or schedule will be made.

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Document No.:	Rev No.:	Description:	Designer:	Code:
E-N1001	4	Title: Medium Voltage One Line Diagram Unit-6 STAMPED (E-N1001), Revision: Revised as Noted (4, Mar 28, 2012)	LG Constructors, Inc.	A-Approval
E-N1002	3	Title: Medium Voltage One Line Diagram Unit-7 STAMPED (E-N1002), Revision: Revised as Noted (3, Mar 28, 2012)	LG Constructors, Inc.	A-Approval

LG Constructors

Transmittal

LG Constructors, Inc.

9189 S. Jamaica Street
Englewood, CO 80112

Transmittal No.: 02110

Date: 02-Apr-12

Document No.:	Rev No.:	Description:	Designer:	Code:
E-N1003	3	Title: Medium Voltage One Line Diagram Unit-8 STAMPED (E-N1003), Revision: Revised as Noted (3, Mar 28, 2012)	LG Constructors, Inc.	A-Approval
E-N1004	4	Title: Medium Voltage One Line Diagram Unit-9 STAMPED (E-N1004), Revision: Revised as Noted (4, Mar 28, 2012)	LG Constructors, Inc.	A-Approval

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MEP Pwr Gp Mailbox	LG Constructors, Inc.	E			

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Exhibit 7
Compliance Matrix

MARIPOSA ENERGY PROJECT COMPLIANCE MATRIX BASED ON FINAL COMMISSION DECISION

April 1 to April 30, 2012

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
1	AQ	AQ-SC1	CONS	Designate and retain an on-site Air Quality Construction Mitigation Manager (AQCMM) who shall be responsible for directing and documenting compliance with **AQ-SC3, AQ-SC4, and AQ-SC5** for the entire project site and linear facility construction. The on-site AQCMM may delegate responsibilities to one or more AQCMM delegates. The AQCMM shall not be terminated without written consent of the compliance project manager (CPM).	Submit to the CPM for approval, the name, resume, qualifications, and contact information for the on-site AQCMM and all AQCMM delegates. The AQCMM and all delegates must be approved by the CPM before the start of ground disturbance.	Resume of AQCMM & Delegates	At least 60 days prior to ground disturbance	10/21/2011	10/26/2011	Complete	Original submittals completed 4/8/11, PG&E AQCMM resume submitted 10/21/11 and approved on 10/26/11.
2	AQ	AQ-SC2	PC	Provide, for approval, an Air Quality Construction Mitigation Plan (AQCMP) that details the steps to be taken and the reporting requirements necessary to ensure compliance with conditions of certification **AQ-SC3, AQ-SC4 and AQ-SC5.**	Submit the AQCMP to the CPM for approval. The CPM will notify the project owner of any necessary modifications to the plan within 30 days from the date of receipt. The AQCMP must be approved by the CPM before the start of ground disturbance.	AQCMP	At least 60 days prior to ground disturbance	Complete	2/28/2011	Complete	Revised AQCMP submitted 6/20/11
3	AQ	AQ-SC3	CONS	Submit documentation to the CPM in each monthly compliance report (MCR) that demonstrates compliance with mitigation measures (a) through (m) in the Condition for purposes of preventing all fugitive dust plumes from leaving the project site and linear facility routes. Any deviation from the following mitigation measures shall require prior CPM notification and approval. **(See FINAL Conditions for a List of All Measures)**	The MCR shall include: (1) a summary of all actions taken to maintain compliance with this condition; (2) copies of any complaints filed with the air district in relation to project construction; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion, as approved by the CPM.	MCR	Monthly	On-going	NA	In-progress	See page 5-1 of the AQCMP and Section 6
4	AQ	AQ-SC4	PC	AQCMM or delegate shall monitor all construction activities for visible dust plumes. Observations of visible dust plumes with the potential to be transported off the project site, 200 feet beyond the centerline of the construction of linear facilities, or within 100 feet upwind of any regularly occupied structures not owned by the project owner indicate that existing mitigation measures are not providing effective mitigation. The AQCMM or delegate shall then implement Steps 1 through 3 in the Condition in the event such visible dust plumes are observed. **(See FINAL Conditions for a List of All Measures)**	The AQCMP shall include a section detailing how additional mitigation measures will be accomplished within the specified time limits.	see AQ-SC2	At least 60 days prior to ground disturbance	Complete	NA	Complete	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
5	AQ	AQ-SC5	CONS	Submit to the CPM, in the MCR, a construction mitigation report that demonstrates compliance with mitigation measures (a) through (f) in the Condition for purposes of controlling diesel construction related emissions. Any deviation from the mitigation measures shall require prior CPM notification and approval. **(See FINAL Conditions for a List of All Measures)**	Include in the MCR: (1) a summary of all actions taken to maintain compliance with this condition; (2) a list of all heavy equipment used on site during that month, including the owner of that equipment and a letter from each owner indicating that the equipment has been properly maintained; and (3) any other documentation deemed necessary by the CPM and AQCMM to verify compliance with this condition. Such information may be provided via electronic format or disk at the project owner's discretion, as approved by the CPM.	MCR	Monthly	On-going	NA	In-progress	
6	AQ	AQ-SC6a	CONS	Any modification to any project air permit that is proposed by the project owner, the District, or U.S. EPA shall be submitted to the CPM for review and approval.	Submit any proposed air permit modification to the CPM within five working days of either: 1) submittal by the project owner to an agency, or 2) receipt of proposed modifications from an agency.	(If Needed)	Within 5 working days of proposing permit modification	As-needed	NA	As-needed	
7	AQ	AQ-SC6b	CONS	Any revised permit issued by the District or U.S. EPA for the project shall be submitted to the CPM for review and approval.	Submit all modified air permits to the CPM within 15 days of receipt.	(If Needed)	Within 15 days of receipt of permit revision	As-needed	NA	As-needed	
8	AQ	AQ-SC7a	PC	Offsets or emission reduction credits (ERCs) in the quantities of at least 22.72 tons per year (tpy) NOx, 2.51 tpy VOC, 8.13 tpy PM10, and 1.10 tpy SOx emissions shall be provided. The NOx and/or VOC ERCs from among BAAQMD Certificate Numbers 1182 and/or 1184, or an alternate certificate, as allowed by this condition [AQ-SC7] shall be surrendered. If additional ERCs are submitted, the project owner shall submit an identification of the additional ERCs to the CPM. CPM approval for any substitutions, modifications, or additions to the listed credits shall be requested.	The project owner shall submit to the CPM records showing that the project's BAAQMD offset requirements have been met prior to initiating construction.	ERC's	Prior to construction	Complete	5/25/2011	Complete	
9	AQ	AQ-SC7b	CONS	To demonstrate that a sufficient quantity of local emission reductions of PM10 and/or SOx occur, a report shall be provided that identifies the feasible timing of the reductions and the ultimate use and cost effectiveness of the $644,503 fee in the Air Quality Mitigation Settlement Agreement executed by the San Joaquin Valley Air Pollution Control District Governing Board, December 17, 2009. If insufficient emission reductions would result from the use of the fee, then the project owner shall expand the scope of the Settlement Agreement and fee or surrender sufficient PM10 and/or SOx ERCs as described in the condition.	The project owner shall submit to the CPM records showing that the local emission reductions achieved by using the SJVAPCD fee are likely to occur prior to initiating operation.	Letter	Prior to Turbine Commissioning	4/23/2012		In Progress	Fees paid to SJVAPCD in October 2011 with delivery of the first turbine. Confirmed 2/21/12- SJVAPCD have identified two types of projects to fund and have solicited applications from the area. 4/13/12 received report showing expected emissions, discussing with Jerry Salamy

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
10	AQ	AQ-SC7c	PC	The CPM, in consultation with the District, may approve any such change to the ERC list provided that the project remains in compliance with all applicable laws, ordinances, regulations, and standards, and that the requested change(s) will not cause the project to result in a significant environmental impact. The District must also confirm that each requested change is consistent with applicable federal and state laws and regulations.	If the CPM approves a substitution or modification to the list of ERCs, a statement of the approval shall be filed with the project owner and the Energy Commission docket. The CPM shall maintain an updated list of approved ERCs for the project.	--	Prior to construction	Complete	5/25/2011	Complete	
11	AQ	AQ-SC8	OPS	Submit to the CPM quarterly operation reports that include operational and emissions information as necessary to demonstrate compliance with the conditions of certification. The quarterly operation report shall specifically note or highlight incidences of noncompliance.	Submit quarterly operation reports to the CPM and APCO. This information shall be maintained on site for a minimum of five years and shall be provided to the CPM and District personnel upon request.	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
12	AQ	AQ-SC9	COMM	The facility shall be operated such that simultaneous commissioning of the combustion turbines will not occur without abatement of nitrogen oxide and CO emissions by its SCR system and oxidation catalyst system. Operation of a combustion turbine during commissioning without abatement shall be limited to discrete commissioning activities that can only be properly executed without the SCR or Oxidation Catalyst Systems fully operational.	Submit a monthly compliance report to the CPM during the commissioning period demonstrating compliance with this condition.	MCR	Monthly	6/22/2012		Not Started	
13	AQ	AQ-SC10a	COMM	The diesel fire water pump engine (proposed rating: 220 horsepower) shall be certified as meeting ARB Tier 3 or better standards. Scheduled testing of the fire pump engine shall not occur during operation of any combustion turbine in commissioning mode. Any planned test of the fire pump engine shall last no more than 30 minutes and shall be completed only between 8 a.m. and 11 a.m. standard time.	Submit a monthly compliance report to the CPM during the commissioning period demonstrating compliance with this condition.	MCR	Monthly	6/22/2012		Not Started	
14	AQ	AQ-SC10b	OPS	The diesel fire water pump engine (proposed rating: 220 horsepower) shall be certified as meeting ARB Tier 3 or better standards. Scheduled testing of the fire pump engine shall not occur during operation of any combustion turbine in commissioning mode. Any planned test of the fire pump engine shall last no more than 30 minutes and shall be completed only between 8 a.m. and 11 a.m. standard time.	Submit a quarterly operation report (AQ-SC8) demonstrating compliance with this condition.	Quarterly Operation Report	Quarterly	30-Jul-12		Not Started	
15	AQ	AQ-1	COMM	Minimize emissions of carbon monoxide and nitrogen oxides from S-1, S-2, S-3 and S-4 Gas Turbines to the maximum extent possible during the commissioning period.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	30-Jul-12		Not Started	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
16	AQ	AQ-2	COMM	At the earliest feasible opportunity in accordance with the recommendations of the equipment manufacturers and the construction contractor, the project owner shall tune the S-1, S-2, S-3 and S-4 Gas Turbines combustors to minimize the emissions of carbon monoxide and nitrogen oxides.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	30-Jul-12		Not Started	
17	AQ	AQ-3	COMM	At the earliest feasible opportunity in accordance with the recommendations of the equipment manufacturers and the construction contractor, the project owner shall install, adjust, and operate the A-1, A-3, A-5 and A-7 Oxidation Catalysts and A-2, A-4, A-6 and A-8 SCR Systems to minimize the emissions of carbon monoxide and nitrogen oxides from S-1, S-2, S-3, and S-4 Gas Turbines.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQSC8)	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	30-Jul-12		Not Started	
18	AQ	AQ-4	COMM	Submit a plan to the District Engineering Division and the CEC CPM at least four weeks prior to first firing of S-1, S-2, S-3, and S-4 Gas Turbines describing the procedures to be followed during the commissioning of the gas turbines. The plan shall include the elements outlined in the condition [AQ-4]. The Gas Turbines (S-1, S-2, S-3 or S-4) shall not be fired sooner than 28 days after the District receives the commissioning plan.	Submit a commissioning plan to the CPM and APCO for approval describing the procedures to be followed during the commissioning period and the anticipated duration of each commissioning activity.	Commissioning Plan	At least 4 weeks prior to first firing of the gas turbine	4/11/2012	4/11/2012	Conditionally approved by CEC on 4/11-see notes.	CEC approved the plan, but will not allow more than one unabated turbine to be operated per day.
19	AQ	AQ-5	COMM	During the commissioning period, demonstrate compliance with AQ-7, AQ-8, AQ-9, and AQ-10 through the use of properly operated and maintained continuous emission monitors and data recorders for the parameters and emission concentrations listed in this condition [AQ-5]. The monitored parameters shall be recorded, and District-approved calculation methods shall be used, as outlined in this condition. Records shall be retained on site for at least 5 years from the date of entry and such records will be made available to District personnel upon request. **(See FINAL Conditions for a List of All Measures)**	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-4.	see AQ-4	At least 4 weeks prior to first firing of the gas turbine	4/11/2012	4/11/2012	Conditionally approved by CEC on 4/11-see notes.	CEC approved the plan, but will not allow more than one unabated turbine to be operated per day.

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
20	AQ	AQ-6	COMM	Install, calibrate, and operate the District-approved continuous monitors specified in AQ-5 prior to first firing of the Gas Turbines (S-1, S-2, S-3 and S-4). After first firing of the turbines, adjust the detection range of these continuous emission monitors as necessary to accurately measure the resulting range of CO and NOx emission concentrations. The instruments shall operate at all times of operation of S-1, S-2, S-3, and S-4 including start-up, shutdown, upset, and malfunction, except as allowed by BAAQMD Regulation 1-522, BAAQMD Manual of Procedures, Volume V. If necessary to comply with this requirement, the project owner shall install dual-span monitors. The type, specifications, and location of these monitors shall be subject to District review and approval.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request.	--	Prior to first firing of the Gas Turbines	03/24/12		Not Started	When CEMS is installed and umbilical installed send letter to Agency that site is available for inspection and/or include cover letter with commissioning plan giving notice that the site is available for inspection.
21	AQ	AQ-7	COMM	The Gas Turbines shall not be fired without abatement of nitrogen oxide emissions and/or abatement of CO emissions, as described in this condition. Such operation of any Gas Turbine without abatement shall be limited to discrete commissioning activities that can only be properly executed without the SCR system and/or oxidation catalyst in place. Upon completion of these activities, provide written notice to the District Engineering and Enforcement Divisions and the unused balance of the 200 firing hours for each turbine without abatement shall expire.	Submit to the CPM and APCO for approval the commissioning plan as required in AQ-4. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	see AQ-4 / Quarterly Operation Report	Upon Completion of activities	May 19, 2012		Not Started	LG to notify DGC that commissioning activities without abatement are complete. DGC to notify CPM and BAAQMD
22	AQ	AQ-8	COMM	The total mass emissions of nitrogen oxides, carbon monoxide, precursor organic compounds, PM10, and sulfur dioxide that are emitted by the Gas Turbines (S-1, S-2, S-3, and S-4) during the commissioning period shall accrue towards the consecutive twelve-month emission limitations specified in AQ-20.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8)	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	July 22, 2012		Not Started	LG to provide commissioning data for DGC quarterly report
23	AQ	AQ-9	COMM	The Gas Turbines (S-1, S-2, S-3, and S-4) shall not be operated in a manner such that the combined pollutant emissions from the turbines will exceed the limits in this condition during the commissioning period. These emission limits shall include emissions resulting from the start-up and shutdown of the Gas Turbines. In addition, commissioning activities will be conducted on no more than one turbine/day.	The limits in this condition for NOx and CO both apply. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	July 22, 2012		Not Started	LG to provide commissioning data for DGC-OPS quarterly report

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
24	AQ	AQ-9a	COMM	The Gas Turbines (S-1, S-2, S-3, and S-4) shall not be operated in a manner such that the pollutant emissions from each gas turbine will exceed the limits in this condition during the commissioning period. These emission limits shall include emissions resulting from the start-up and shutdown of the Gas Turbines. In addition, commissioning activities will be conducted on no more than one turbine/day.	The limits in this condition for NOx and CO both apply. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	July 22, 2012		Not Started	LG to provide commissioning data for DGC quarterly report
25	AQ	AQ-10a	COMM	Within 90 days after startup of each turbine, conduct District and CEC approved source tests on that turbine to determine compliance with the emission limitations specified in AQ-17. The source tests shall be conducted and analyzed in accordance with this condition [AQ-10].		--	Within 90 days of startup of each turbine	7/22/2012		Not Started	
26	AQ	AQ-10b	COMM	Thirty working days before the execution of the source tests, submit to the District and the CEC Compliance Program Manager (CPM) a detailed source test plan for approval. The District and the CEC CPM will notify the project owner of any necessary modifications to the plan within 20 working days of receipt of the plan; otherwise, the plan shall be deemed approved. The Project owner shall incorporate the District and CEC CPM comments into the test plan.	Submit a source test plan to the CPM and APCO for approval a**s part of the commissioning plan** required in AQ-4.	Source Test Plan	30 working days prior to the source testing date	3/24/2012		In progress	Submit with Commissioning Plan per verification section
27	AQ	AQ-10c	COMM	Notify the District and the CEC CPM within seven (7) working days prior to the planned source testing date.		Notification to District	7 working days prior to the source testing date	6/4/2012		Not Started	LG to notify DGC 10 days before source test so letter of notification can be sent
28	AQ	AQ-10d	COMM	Submit the source test results to the District and the CEC CPM within 60 days of the source testing date.		Source Test Results	within 60 days of the source testing date	7/18/2012		Not Started	
29	AQ	AQ-11	OPS	Fire the Gas Turbines (S-1, S-2, S-3, and S-4) exclusively on PUC-regulated natural gas with a maximum sulfur content of 1 grain per 100 standard cubic feet. To demonstrate compliance with this limit, the operator of S-1, S-2, S-3 and S-4 shall sample and analyze the gas from each supply source at least monthly to determine the sulfur content of the gas. PG&E monthly sulfur data may be used provided that such data can be demonstrated to be representative of the gas delivered to the MEP.	The result of the natural gas fuel sulfur monitoring data and other fuel sulfur content source data shall be submitted to the District and CPM in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
30	AQ	AQ-12	OPS	The units shall not be operated such that the heat input rate to each Gas Turbine (S-1, S-2, S-3, and S-4) exceeds 481 MMBtu (HHV) per hour.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
31	AQ	AQ-13	OPS	The units shall not be operated such that the heat input rate to each Gas Turbine (S-1, S-2, S-3, and S-4) exceeds 11,544 MMBtu (HHV) per day.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	

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32	AQ	AQ-14	OPS	The units shall not be operated such that the combined cumulative heat input rate for the Gas Turbines (S-1, S-2, S-3, and S-4) exceeds 8,128,900 MMBtu (HHV) per year.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
33	AQ	AQ-15a	OPS	Turbines S-1, S-2, S-3, or S-4 shall not be operated such that the hours of operation for any of the four units exceeds 5,200 hours per year.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
34	AQ	AQ-15b	OPS	Turbines S-1, S-2, S-3, or S-4 shall not be operated such that the hours of operation for the four units combined exceeds 16,900 hours per year.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
35	AQ	AQ-16	OPS	Ensure that each Gas Turbine (S-1, S-2, S-3, S-4) is abated by the properly operated and properly maintained Selective Catalytic Reduction (SCR) System A-2, A-4, A-6, or A-8 and Oxidation Catalyst System A-1, A-3, A-5, or A-7 whenever fuel is combusted at those sources and the corresponding SCR catalyst bed (A-2, A-4, A-6 or A-8) has reached minimum operating temperature.	Make the site available for inspection by representatives of the District, ARB, and the Commission upon request. A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
36	AQ	AQ-17	OPS	The Gas Turbines (S-1, S-2, S-3, S-4) shall comply with requirements (a) through (g) in this condition [AQ-17]. Requirements (a) through (f) do not apply during a gas turbine start-up, and shutdown.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
37	AQ	AQ-18	OPS	The regulated air pollutant mass emission rates from each of the Gas Turbines (S-1, S-2, S-3, and S-4) during a start-up or shutdown shall not exceed the limits established in this condition (shown in Table 40). Startups shall not exceed 30 minutes. Shutdowns shall not exceed 15 minutes.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
38	AQ	AQ-19	OPS	Total combined emissions from the Gas Turbines (S-1, S-2, S-3, and S-4), including emissions generated during gas turbine start-ups and shutdowns, shall not exceed the limits (a) through (d) of this condition during any calendar day.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
39	AQ	AQ-20	OPS	Cumulative combined emissions from the Gas Turbines (S-1, S-2, S-3, and S-4), including emissions generated during gas turbine start-ups, shutdowns, and malfunctions shall not exceed the limits (a) through (e) of this condition during any consecutive twelve-month period. Emissions of PM10 from each gas turbine shall be calculated by multiplying turbine fuel usage times an emission factor determined by source testing of the turbine conducted in accordance with Part 26. The emission factor for each turbine shall be based on the average of the emissions rates observed during the 4 most recent source tests on that turbine (or, prior to the completion of 4 source tests on a turbine, on the average of the emission rates observed during all source tests on the turbine).	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
40	AQ	AQ-21	COMM/OPS	The maximum projected annual toxic air contaminant emissions (per AQ-24) from the Gas Turbines (S-1, S-2, S-3, S-4) combined shall not exceed the limits in this condition [AQ-21]. A health risk assessment shall be performed using the emission rates determined by the procedures described in this condition. The risk analysis shall be submitted to the District and the CEC CPM within 60 days of the source test date. The project owner may request that the District and the CEC CPM revise the carcinogenic compound emission limits, as described in this condition. If the project owner demonstrates to the satisfaction of the APCO that these revised emission limits will not result in a significant cancer risk, the District and the CEC CPM may, at their discretion, adjust the carcinogenic compound emission limits listed in this condition.	Source test results obtained through compliance with AQ-24 and AQ-28 shall confirm the toxic air contaminant emission rates or the project owner shall submit an updated health risk assessment.	Health Risk Assessment	Within 60 days of the source testing date	7/18/2012		Not Started	
41	AQ	AQ-22	OPS	Compliance with AQ-12 through AQ-15, AQ-17(a) through AQ-17(e), AQ-18 (NOx, and CO limits), AQ-19(a), AQ- 19(b), AQ-20(a) and AQ-20(b) shall be demonstrated by using properly operated and maintained continuous monitors (during all hours of operation including gas turbine startup, and shutdown periods). The project owner shall monitor for parameters (a) through (k) of this condition [AQ-22].	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the continuous monitoring and recordkeeping system is properly installed and operational.	--	Throughout Operation	On-going		Not Started	
42	AQ	AQ-23	OPS	To demonstrate compliance with AQ-17(f), AQ-17(g), AQ-19(c), AQ-19(d), AQ-20(c), AQ-20(d), AQ-20(e), calculate and record on a daily basis, the mass emissions from each power train as listed in this condition [AQ-23]. Use the criteria listed in this condition to calculate these emissions, and present the calculated emissions in format (a) and (b) of this condition.	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the calculation and recordkeeping system is properly installed and operational.	--	Throughout Operation	On-going		Not Started	
43	AQ	AQ-24	OPS	To demonstrate compliance with AQ-21, calculate and record on an annual basis the maximum projected annual emissions of: Formaldehyde, Benzene, and Specified PAHs. Calculate the maximum projected annual emissions using the factors described in this condition [AQ-24]. Use of a reduced annual heat input rate to calculate the maximum projected annual emissions shall be subject to District review and approval.	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the calculation and recordkeeping system is properly installed and operational.	--	Annual	On-going		Not Started	

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44	AQ	AQ-25a	COMM	Within 90 days of start-up of each of the MEP GE LM-6000 PC Sprint units, conduct a District-approved source test on exhaust point P-1, P-2, P 3, or P-4 to determine the corrected ammonia (NH3) emission concentration to determine compliance with AQ-17(e). (See Condition AQ-25 for purpose and method of test.) Ongoing compliance with AQ-17(e) shall be demonstrated through calculations of corrected ammonia concentrations based upon the source test correlation and continuous records of ammonia injection rate. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-27). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Source Test Results & Field Data	Within 60 days of the source testing	7/18/2012		Not Started	
45	AQ	AQ-25b	OPS	On an annual basis, conduct a District-approved source test on exhaust point P-1, P-2, P-3, or P-4 to determine the corrected ammonia (NH3) emission concentration to determine compliance with AQ-17(e). (See Condition AQ-25 for purpose and method of test.) Ongoing compliance with AQ-17(e) shall be demonstrated through calculations of corrected ammonia concentrations based upon the source test correlation and continuous records of ammonia injection rate. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-27). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Source Test Results & Field Data	Annual Testing/Results Submitted Within 60 days of the source testing	TBD		Not Started	
46	AQ	AQ-26a	COMM	Within 90 days of start-up of each of the MEP GE LM-6000 PC Sprint units, conduct a District-approved source test on exhaust points P-1, P-2, P-3 and P-4 while each Gas Turbine is operating at maximum load to determine compliance with AQ- 17(a), AQ-17(b), AQ-17(c), AQ-17(d), AQ-17(f), AQ-17(g) and to determine a total particulate matter including condensable particulate matter emission factor, and while each Gas Turbine is operating at minimum load to determine compliance with AQ-17(c), and AQ-17(d) and to verify the accuracy of the continuous emission monitors required in AQ-22. Test for (as a minimum) the elements listed in this condition [AQ-26]. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests. The project owner may conduct up to four tests per year for total particulate matter including condensable particulate matter.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a pre-approved protocol (AQ-27). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Source Test Results & Field Data	Within 60 days of the source testing	7/18/2012		Not Started	

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47	AQ	AQ-26b	OPS	On an annual basis, conduct a District-approved source test on exhaust points P-1, P-2, P-3 and P-4 while each Gas Turbine is operating at maximum load to determine compliance with AQ-17(a), AQ-17(b), AQ-17(c), AQ-17(d), AQ-17(f), AQ-17(g) and to determine a total particulate matter including condensable particulate matter emission factor, and while each Gas Turbine is operating at minimum load to determine compliance with AQ-17(c), and AQ-17(d) and to verify the accuracy of the continuous emission monitors required in AQ-22. Test for (as a minimum) the elements listed in this condition [AQ-26]. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests. The project owner may conduct up to four tests per year for total particulate matter including condensable particulate matter.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a pre-approved protocol (AQ-27). Testing for steady-state emissions shall be conducted upon initial operation and at least once every 12 months.	Source Test Results & Field Data	Annual Testing/Results Submitted Within 60 days of the source testing	TBD		Not Started	
48	AQ	AQ-27a	OPS	Obtain approval for all source test procedures from the District's Source Test Section and the CEC CPM prior to conducting any tests. Comply with all applicable testing requirements for continuous emission monitors as specified in Volume V of the District's Manual of Procedures. Notify the District's Source Test Section and the CEC CPM in writing of the source test protocols and projected test dates at least 7 days prior to the testing date(s).	Submit the proposed source test plan or protocol for the source tests 7 days prior to the proposed source test date to both the District and CPM for approval. The project owner shall notify the District and CPM no later than seven days prior to the proposed source test date and time.	Proposed Source Test Plan/Protocol & Notification to District	At least 7 days prior to the source testing date(s)	TBD		Not Started	This is operations version of source test plan , Commissioning version covered under AQ-10b
49	AQ	AQ-27b	OPS	Measure the contribution of condensable PM (back half) to any measurement of the total particulate matter or PM10 emissions. However, the project Owner may propose alternative measuring techniques to measure condensable PM such as the use of a dilution tunnel or other appropriate method used to capture semivolatile organic compounds. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	Source Test Results	Within 60 days of the source testing	TBD		Not Started	This is operations version of source test plan , Commissioning version covered under AQ-10b
50	AQ	AQ-28a	COMM	Within 90 days of start-up of each of the MEP GE LM-6000 PC Sprint gas turbines, conduct a District-approved source test on one of the following exhaust points P-1, P-2, P-3 or P-4 while the Gas Turbine is operating at maximum allowable operating rates to demonstrate compliance with AQ-21. Also test the gas turbine while it is operating at minimum load. If three consecutive biennial source tests demonstrate that the annual emission rates calculated pursuant to AQ-24 for any of the compounds listed in this condition [AQ-28] are less than the BAAQMD trigger levels, pursuant to Regulation 2, Rule 5, shown, then the project owner may discontinue future testing for that pollutant.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-27). Testing for toxic air contaminant emissions shall be conducted upon initial operation.	Source Test Results & Field Data	Within 60 days of the source testing	7/18/2012		Not Started	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
51	AQ	AQ-28b	OPS	On a biennial basis (once every two years), conduct a District-approved source test on one of the following exhaust points P-1, P-2, P-3 or P-4 while the Gas Turbine is operating at maximum allowable operating rates to demonstrate compliance with AQ-21. Also test the gas turbine while it is operating at minimum load. If three consecutive biennial source tests demonstrate that the annual emission rates calculated pursuant to AQ-24 for any of the compounds listed in this condition [AQ-28] are less than the BAAQMD trigger levels, pursuant to Regulation 2, Rule 5, shown, then the project owner may discontinue future testing for that pollutant.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-27). Testing for toxic air contaminant emissions shall be conducted at least once every 24 months.	Source Test Results & Field Data	Biennial Testing/Results Submitted Within 60 days of the source testing	TBD		Not Started	
52	AQ	AQ-29	OPS	Calculate the sulfuric acid mist (SAM) emission rate using the total heat input for the sources and the highest results of any source testing conducted pursuant to AQ-30. If this SAM mass emission limit of AQ-31 is exceeded, utilize air dispersion modeling to determine the impact (in micrograms/cubic meter) of the sulfuric acid mist emissions pursuant to Regulation 2, Rule 2, Section 306.	Make the site available for inspection by representatives of the District, ARB and the Commission to verify the calculation and recordkeeping system is properly installed and operational. The quarterly operation report (AQ-SC8) shall include a determination of the impact if triggered by this condition.	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	1/30/2013		Not Started	
53	AQ	AQ-30a	COMM	Within 90 days of start-up of each of the MEP GE LM-6000 PC Sprint gas turbines, conduct a District-approved source test on two of the four exhaust points P-1, P-2, P-3 and P-4 while each gas turbine is operating at maximum heat input rates to demonstrate compliance with the SAM emission rates specified in AQ-31. Test for (as a minimum) SO2, SO3, and H2SO4. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-27). Testing for steady-state emissions shall be conducted upon initial operation.	Source Test Results & Field Data	Within 60 days of the source testing	7/18/2012		Not Started	
54	AQ	AQ-30b	OPS	On an annual basis, conduct a District-approved source test on two of the four exhaust points P-1, P-2, P-3 and P-4 while each gas turbine is operating at maximum heat input rates to demonstrate compliance with the SAM emission rates specified in AQ-31. Test for (as a minimum) SO2, SO3, and H2SO4. Submit the source test results to the District and the CEC CPM within 60 days of conducting the tests.	The results and field data collected during source tests shall be submitted to the District and CPM within 60 days of testing and according to a preapproved protocol (AQ-27). Testing for steady-state emissions shall be conducted at least once every 12 months.	Source Test Results & Field Data	Annual Testing/Results Submitted Within 60 days of the source testing	TBD		Not Started	
55	AQ	AQ-31	OPS	Sulfuric acid emissions (SAM) from stacks P-1, P-2, P-3, P-4 combined shall not be allowed to exceed 7 tons in any consecutive 12 month period.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
56	AQ	AQ-32	COMM	The stack height of emission points P-1, P-2, P-3 and P-4 shall each be at least 79.5 feet above grade level at the stack base.	Make the site available for inspection by representatives of the District, ARB and the Commission.	--	Throughout Operation	On-going	NA	In-progress	

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57	AQ	AQ-33	OPS	Submit all reports to the District (including, but not limited to monthly CEM reports, monitor breakdown reports, emission excess reports, equipment breakdown reports, etc.) as required by District Rules or Regulations and in accordance with all procedures and time limits specified in the Rule, Regulation, Manual of Procedures, or Enforcement Division Policies & Procedures Manual.	Notifications and reports, including the quarterly operation report (AQ-SC8), shall be prepared and submitted in compliance with this condition.	District Reporting	Including, but not limited to monthly and no later than 30 days following the end of each calendar quarter	On-going		Not Started	
58	AQ	AQ-34	OPS	Maintain all records and reports on site for a minimum of 5 years. These records shall include but are not limited to the reports listed in this condition [AQ-34]. Make all records and reports available to District and the CEC CPM staff upon request.	Make the site available for inspection by representatives of the District, ARB and the Commission.	--	Throughout Operation	On-going	NA	Not Started	
59	AQ	AQ-35	OPS	Notify the District and the CEC CPM of any violations of these permit conditions. Notification shall be submitted in a timely manner in accordance with all applicable District Rules, Regulations, and the Manual of Procedures. Notwithstanding the notification and reporting requirements given in any District Rule, Regulation, or the Manual of Procedures, submit written notification (facsimile is acceptable) to the Enforcement Division within 96 hours of the violation of any permit condition.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8)	(If Needed)	Within 96 hours of violation of permit condition & No later than 30 days following the end of each calendar quarter	As-needed		As-needed	
60	AQ	AQ-36	OPS	Provide adequate stack sampling ports and platforms to enable the performance of source testing. The location and configuration of the stack sampling ports shall comply with the procedures listed in this condition [AQ-36], and shall be subject to BAAQMD review and approval, except that the facility shall provide four sampling ports that are at least 6 inches in diameter in the same plane of each gas turbine stack (P 1, P 2, P 3, P 4).	The project owner shall make the site available for inspection by representatives of the District, ARB and the Commission.	--	Throughout Operation	TBD	NA	In-progress	
61	AQ	AQ-37	CONS	Within 180 days of the issuance of the Authority to Construct for the MEP, contact the BAAQMD Technical Services Division regarding requirements for the continuous emission monitors, sampling ports, platforms, and source tests required by AQ-10, AQ-25, AQ-26, AQ-28 and AQ-30. Conduct all source testing and monitoring in accordance with the District approved procedures.	Contact the District for specifications on monitors, ports, platforms and source tests and submit verification of this contact to the District and CPM with the initial source test protocol (AQ-27).	see AQ-27a	Within 180 days of the ATC and at least 7 days prior to the source testing date(s)	11/10/2011		Completed 2/21/12	Emails between LG and BAAQMD will be included in Commissioning Plan submittal to CEC

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62	AQ	AQ-38	OPS	Comply with the requirement to hold SO2 allowances in 40 CFR 72.9(c)(1) and the continuous emission monitoring requirements of 40 CFR Part 75.	Submit to the CPM and District the results of audits of the monitoring system demonstrating compliance with this condition as part of the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
63	AQ	AQ-39	OPS	Do not exceed 50 hours per year per engine for reliability-related testing.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
64	AQ	AQ-40	OPS	Each emergency standby engine shall be operated only for the following purposes: to mitigate emergency conditions, for emission testing to demonstrate compliance with a District, State or Federal emission limit, or for reliability-related activities (maintenance and other testing, but excluding emission testing). Operating while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emission limits is not limited.	A summary of significant operation and maintenance events and monitoring records required shall be included in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
65	AQ	AQ-41	OPS	Each emergency standby engine shall be operated only when a non-resettable totalizing meter (with a minimum display capability of 9,999 hours) that measures the hours of operation for the engine is installed, operated, and properly maintained.	Make the site available for inspection by representatives of the District, ARB and the Commission. Include a photograph of each totalizing meter in the quarterly operation report (AQ-SC8).	Quarterly Operation Report	No later than 30 days following the end of each calendar quarter	On-going		Not Started	
66	AQ	AQ-42	OPS	Records: Maintain the monthly records (a) through (e) of this condition [AQ-42] in a District-approved log for at least 36 months from the date of entry (60 months if the facility has been issued a Title V Major Facility Review Permit or a Synthetic Minor Operating Permit). Log entries shall be retained on-site, either at a central location or at the engine's location, and made immediately available to the District staff upon request.	Make the site available for inspection by representatives of the District, ARB, and the Commission.	--	Throughout Operation	On-going	NA	Not Started	
67	AQ	AQ-43	OPS	If the emergency standby engine is located on school grounds or within 500 feet of any school grounds, the requirements described in this condition [AQ-43] shall apply.	Make the site available for inspection by representatives of the District, ARB, and the Commission.	--	Throughout Operation	On-going	NA	In-progress	
68	BIO	BIO-1a	PC	DESIGNATED BIOLOGIST SELECTION: A Designated Biologist shall be assigned to the project, and the resume of the proposed Designated Biologist, with at least 3 references and contact information, shall be submitted to the Energy Commission Compliance Project Manager (CPM) for approval, in consultation with CDFG and USFWS. The Designated Biologist must meet the minimum qualifications (1) through (4) in this condition [BIO-1].	The specified information shall be submitted at least 60 days prior to the start of any site (or related facilities) mobilization. No site or related facility activities, including pre-construction debris removal, shall commence until an approved Designated Biologist is available to be on site.	DB Resume	At least 60 days prior to the start of site mobilization	Complete	3/15/2011	Complete	

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69	BIO	BIO-1b	CONS	DESIGNATED BIOLOGIST SELECTION	If a Designated Biologist needs to be replaced, the specified information of the proposed replacement must be submitted to the CPM at least ten (10) working days prior to the termination or release of the preceding Designated Biologist. In an emergency, the project owner shall immediately notify the CPM to discuss the qualifications and approval of a short-term replacement while a permanent Designated Biologist is proposed to the CPM for consideration.	(If Needed)	At least 10 working days prior to the termination or release of the preceding Designated Biologist	As-needed	NA	As-needed	
70	BIO	BIO-2a	CONS	DESIGNATED BIOLOGIST DUTIES: The Designated Biologist shall perform the duties (1) through (9) during any site (or related facilities) pre-construction debris removal, mobilization, ground disturbance, grading, construction, operation, and closure activities. The Designated Biologist may be assisted by the approved Biological Monitor(s), but remains the contact for the project owner and CPM.	The Designated Biologist shall submit in the Monthly Construction Compliance Report to the CPM copies of all written reports and summaries that document biological resources activities.	MCR	Monthly	On-going	NA	In-progress	
71	BIO	BIO-2b	OPS	DESIGNATED BIOLOGIST DUTIES	If actions may affect biological resources during operation, a Designated Biologist shall be available for monitoring and reporting. During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report unless their duties are determined to be unnecessary by the CPM.	ACR	Annually Throughout Operation	On-going	NA	Not Started	
72	BIO	BIO-3a	PC	BIOLOGICAL MONITOR QUALIFICATIONS: The project owner's CPM-approved Designated Biologist shall submit the resume, including at least 3 references and contact information, of the proposed Biological Monitors to the CPM for approval, in consultation with CDFG and USFWS.	Submit the specified information to the CDFG and USFWS for review and comment and the CPM for approval no less than 30 days prior to the start of any site (or related facilities) mobilization. The Designated Biologist shall submit a written statement to the CPM confirming that the individual Biological Monitor(s) have been trained including the date when training was completed.	BM's Quals	At least 30 days prior to the start of site mobilization	Complete	4/29/2011	Complete	
73	BIO	BIO-3b	CONS	Enough biological monitors must be on site during pre-construction debris removal, before and during, water supply pipeline, natural gas pipeline, and transmission line construction and prior to fencing the power plant site to collectively meet the minimum qualifications (1) through (3) in this condition [BIO-3].	If additional biological monitors are needed during construction, the specified information shall be submitted to the CDFG and USFWS for review and comment and the CPM for approval no less than 14 days prior to their first day of monitoring activities.	(If Needed)	No less than 14 days prior to BM's first day of monitoring	As-needed	NA	As-needed	

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74	BIO	BIO-4	CONS	DESIGNATED BIOLOGIST AND BIOLOGICAL MONITOR AUTHORITY: The project owner's Construction/Operation Manager shall act on the advice of the Designated Biologist and Biological Monitor(s) to ensure conformance with the biological resources Conditions of Certification. If required by the Designated Biologist and Biological Monitor(s) any activities shall be halted in areas specified by the Designated Biologist. The Designated Biologist shall halt activities in accordance with steps (1) through (3) of this condition [BIO-4]. If the Designated Biologist is unavailable for direct consultation, the Biological Monitor shall act on behalf of the Designated Biologist.	The Designated Biologist or Biological Monitor shall notify the CPM immediately (and no later than the following morning of the incident, or Monday morning in the case of a weekend) of any non-compliance or a halt of any activities. The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem. Whenever corrective action is taken by the project owner, a determination of success or failure will be made by the CPM within 5 working days after receipt of notice that corrective action is completed, or the project owner will be notified by the CPM that coordination with other agencies will require additional time before a determination can be made.	(If Needed)	Immediately	As-needed	NA	As-needed	
75	BIO	BIO-5a	PC	WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP): Develop and implement a CPM-approved WEAP as described in this condition [BIO-5]. The specific program can be administered by a competent individual(s) acceptable to the Designated Biologist.	No less than 30 days prior to the start of any site (or related facilities) mobilization, the project owner shall provide to the CPM the final WEAP and all supporting written materials and electronic media prepared or reviewed by the Designated Biologist and a resume of the person(s) administering the program.	Final WEAP	At least 30 days prior to the start of site mobilization	Complete	5/25/2011	Complete	
76	BIO	BIO-5b	CONS	WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP)	The project owner shall provide in the Monthly Compliance Report the number of persons who have completed the training in the prior month and a running total of all persons who have completed the training to date.	MCR	Monthly	On-going	NA	In-progress	
77	BIO	BIO-5c	CONS	WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP)	Training acknowledgement forms signed during construction shall be kept on file by the project owner for a period of at least 6 months after the start of commercial operation. During project operation, signed statements for operational personnel shall be kept on file for 6 months following the termination of an individual's employment.	--	At least 6 months after the start of commercial operation	On-going	NA	In-progress	

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78	BIO	BIO-5d	OPS	WORKER ENVIRONMENTAL AWARENESS PROGRAM (WEAP)	Training acknowledgement forms signed during construction shall be kept on file by the project owner for a period of at least 6 months after the start of commercial operation. During project operation, signed statements for operational personnel shall be kept on file for 6 months following the termination of an individual's employment.	--	At least 6 months after the start of commercial operation	On-going	NA	Not Started	
79	BIO	BIO-6a	PC	BIOLOGICAL RESOURCES MITIGATION IMPLEMENTATION AND MONITORING PLAN (BRMIMP): Develop a BRMIMP and submit two copies of the proposed BRMIMP to the CDFG and USFWS for review and comment and the CPM for approval and implement the measures identified in the approved BRMIMP. The BRMIMP shall be prepared in consultation with the Designated Biologist and shall identify items (1) through (15) of this condition [BIO-6].	Provide the specified draft document at least 60 days prior to start of any site (or related facilities) mobilization. The CPM, in consultation with other appropriate agencies, will determine the BRMIMP's acceptability within 45 days of receipt.	Draft BRMIMP	At least 60 days prior to the start of site mobilization	Complete	6/3/2011	Complete	
80	BIO	BIO-6b	PC	BRMIMP	If there are any permits that have not yet been received when the BRMIMP is first submitted, these permits shall be submitted to the CPM within 5 days of their receipt, and the BRMIMP shall be revised or supplemented to reflect the permit condition within 10 days of their receipt by the project owner. Ten days prior to site and related facilities mobilization the revised BRMIMP shall be resubmitted to the CPM.	Revised BRMIMP	At least 10 days prior to the start of site mobilization	Complete	6/3/2011	Complete	
81	BIO	BIO-6c	CONS	BRMIMP	The project owner shall notify the CPM no less than 5 working days before implementing any modifications to the approved BRMIMP to obtain CPM approval. Any changes to the approved BRMIMP must also be approved by the CPM in consultation with other appropriate agencies to ensure no conflicts exist.	(If Needed)	At least 5 working days before implementing modification to approved BRMIMP	As-needed	NA	As-needed	
82	BIO	BIO-6d	CONS	BRMIMP	Implementation of BRMIMP measures will be reported in the Monthly Compliance Reports by the Designated Biologist (i.e., survey results, construction activities that were monitored, species observed).	MCR	Monthly	On-going	NA	In-progress	

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83	BIO	BIO-6e	CONS	BRMIMP	Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction closure report identifying which items of the BRMIMP have been completed, a summary of all modifications to mitigation measures made during the project's site mobilization, ground disturbance, grading, and construction phases, and which mitigation and monitoring items are still outstanding.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	
84	BIO	BIO-7a	PC	GENERAL IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Measures (1) through (14) of this condition [BIO-7] shall be implemented to avoid and minimize impacts to biological resources from the proposed project during all phases of the project.	No less than 10 days prior to the start of any ground disturbing activities or construction equipment staging, provide the CPM a letter-report describing the findings of the pre-construction surveys, as specified in this condition [BIO-7]. All mitigation measures and their implementation methods shall be included in the BRMIMP.	Letter Report	At least 10 days prior to ground disturbing activities	9/29/2012	9/29/2012	Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11. Phase 2 fencing report issued to CEC on 8/3/11. Ph 2.5 survey completed on 9/29 for gas line.
85	BIO	BIO-7b	CONS	GENERAL IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Implementation of the measures will be reported in the Monthly Compliance Reports by the Designated Biologist.	MCR	Monthly	On-going	NA	In-progress	
86	BIO	BIO-7c	CONS	GENERAL IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Within 30 days after completion of project construction, the project owner shall provide to the CPM, for review and approval, a written construction termination report identifying how measures have been completed.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	
87	BIO	BIO-7d	OPS	GENERAL IMPACT AVOIDANCE AND MINIMIZATION MEASURES	The general impact avoidance and minimization measures shall be implemented to avoid impacts to biological resources from the proposed project during site mobilization, preconstruction debris removal, ground disturbance, grading, construction, operation, maintenance, and closure.	----	----	On-going	NA	in progress	

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88	BIO	BIO-8a	PC	PRE-CONSTRUCTION NEST SURVEYS AND IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Pre-construction nest surveys shall be conducted if construction activities will occur from February 1 through August 31. The Designated Biologist or Biological Monitor shall perform surveys in accordance with the guidelines (1) through (4) of this condition [BIO-8].	No less than 2 days prior to the start of any ground disturbing activities or construction equipment staging, provide the CPM a letter-report describing the findings of the pre-construction nest surveys, including the time, date, and duration of the survey; identity and qualifications of the surveyor(s); and a list of species observed. If active nests are detected during the survey, the report shall include a map or aerial photo identifying the location of the nest and shall depict the boundaries of the no disturbance buffer zone around the nest.	Letter Report	At least 2 days prior to the start of ground disturbing activities	Complete	6/2/2011	Complete	
89	BIO	BIO-8b	PC	PRE-CONSTRUCTION NEST SURVEYS AND IMPACT AVOIDANCE AND MINIMIZATION MEASURES	If active nests are detected during the survey, a monitoring plan shall be submitted to the CDFG and USFWS Migratory Bird Office for review and comment and the CPM for approval. Approval of the plan is required before construction may commence.	Monitoring Plan	Prior to construction	Complete	6/2/2011	Complete	
90	BIO	BIO-8c	CONS	PRE-CONSTRUCTION NEST SURVEYS AND IMPACT AVOIDANCE AND MINIMIZATION MEASURES	If active nests are detected during the survey, a weekly monitoring report shall be submitted to the CPM.	Weekly monitoring reports	Weekly during nesting season	On-going	NA	In-progress	Weekly reports submitted by Todd beginning on 6/21/11. Last report for this nesting season issued on 8/18/11
91	BIO	BIO-9a	CONS	SPECIAL-STATUS INVERTEBRATE IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Implement the measures described in this condition [BIO-9] to avoid or minimize impacts to listed fairy shrimp or tadpole shrimp species and habitat.	No less than 10 days prior to ground disturbance, provide a report detailing the locations of buffer zone fencing, and that includes both a figure and photographs showing the location of the fencing.	Buffer Zone Fencing Report	At least 10 days prior to ground disturbing activities	9/29/12	9/29/2012	Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11. Phase 2 fencing report issued to CEC on 8/3/11. Ph 2.5 survey completed on 9/29 for gas line.
92	BIO	BIO-9b	CONS	SPECIAL-STATUS INVERTEBRATE IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Report monthly to the CPM, CDFG, and USFWS for the duration of construction on the implementation of listed branchiopod habitat avoidance and minimization measures.	MCR	Monthly	On-going	NA	In-progress	
93	BIO	BIO-9c	CONS	SPECIAL-STATUS INVERTEBRATE IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Within 30 days after completion of construction, provide to the CDFG, USFWS, and CPM a written construction termination report identifying how impact minimization measures have been completed.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	

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94	BIO	BIO-10a	PC	CALIFORNIA TIGER SALAMANDER (CTS) AND CALIFORNIA RED-LEGGED FROG (CRLF) IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN: The project owner, in consultation with the Designated Biologist, shall prepare and implement a Management Plan, that presents measures to manage the construction site, and related facilities, in a manner to avoid and minimize impacts to CRLF and CTS. The measures should be developed in coordination with the CDFG and USFWS, shall be approved by the CPM (in consultation with the USFWS and CDFG), and shall include, at a minimum, criteria (1) through (2) of this condition [BIO-10].	No less than 30 days prior to the start of any project-related ground disturbance, provide a final Management Plan to the CPM, CDFG, and USFWS. The final, approved Management Plan shall be incorporated into the BRMIMP within 10 days of completion of the plan, and implemented.	Final CRLF & CTS Management Plan	At least 30 days prior to the start of ground disturbance	Complete	6/1/2011	Complete	
95	BIO	BIO-10b	PC	CTS AND CRLF IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	No less than 10 days prior to the start of any ground disturbing activities or construction equipment staging, provide the CPM a letter-report describing the findings of the pre-construction surveys and containing the information described in this condition.	Letter Report	At least 10 days prior to ground disturbing activities	Partial Complete		Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11. Phase 2 fencing report issued to CEC on 8/3/11. Ph 2.5 survey completed on 9/29 for gas line.
96	BIO	BIO-10c	CONS	CTS AND CRLF IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	Report monthly to the CPM, CDFG and USFWS for the duration of construction on the implementation of CTS and CRLF avoidance and minimization measures.	MCR	Monthly	On-going	NA	In-progress	
97	BIO	BIO-10d	CONS	CTS AND CRLF IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	Within 30 days after completion of construction, provide to the CDFG and CPM a written construction termination report identifying how mitigation measures described in the plan have been completed.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	
98	BIO	BIO-10e	CONS	CTS AND CRLF IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	Within 60 days of completion of the permanent power plant site fence, submit a figure and photographs to the CPM, CDFG, and USFWS of the CTS and CRLF barrier fence.	Figure / Photographs of barrier fence	Within 60 days of completion of the permanent power plant site fence	07/30/12		Installation of fencing at Switchyard starting March 20, 2012	
99	BIO	BIO-11a	PC	WESTERN POND TURTLE IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Pre-construction surveys shall be conducted concurrent with CRLF and CTS pre-construction surveys. Western pond turtles shall be avoided to the extent possible. Avoidance areas shall be delineated by exclusionary fencing. If western pond turtles are found within project disturbance area that cannot be avoided, they shall be relocated to the CPM (in consultation with CDFG)-approved site.	Submit a report to the CPM and CDFG no less than 10 days prior to the start of any ground disturbing activities or construction equipment staging that describes when surveys were completed, observations, and proposed impact minimization measures.	Survey Report	At least 10 days prior to ground disturbing activities	9/29/2012	9/29/2012	Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11. Phase 2 fencing report issued to CEC on 8/3/11. Ph 2.5 survey completed on 9/29 for gas line.

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100	BIO	BIO-11b	CONS	WESTERN POND TURTLE IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Within 30 days after completion of construction of the project linears, the project owner shall provide to the CDFG and CPM a written construction termination report identifying how impact minimization measures have been completed.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	
101	BIO	BIO-12a	PC	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN: Implement the measures in this condition [BIO-12] to manage the construction site, and related facilities, in a manner to avoid or minimize impacts to breeding and foraging burrowing owls. Measures include pre-construction surveys, avoidance measures, and a mitigation plan.	The Designated Biologist shall provide to the CPM and CDFG pre-construction survey results within 10 days of the completion of the survey.	Survey Report	Within 10 days of completion of the burrowing owl pre-construction survey.	9/29/2012	9/29/2012	Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11. Phase 2 fencing report issued to CEC on 8/3/11. Ph 2.5 survey completed on 9/29 for gas line.
102	BIO	BIO-12b	PC	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	If pre-construction surveys detect burrowing owls within 500 feet of proposed construction activities, the Designated Biologist shall provide to the CPM and CDFG documentation indicating that non-disturbance buffer fencing has been installed no less than 10 days prior to the start of any project-related site disturbance activities. The documentation shall include both a figure and photographs showing the location of the fencing.	Non-disturbance buffer fencing installation documentation	At least 10 days prior to ground disturbing activities	8/3/2012	5/31/2011	Complete	Phase 2 fencing report issued to CEC on 8/3/11
103	BIO	BIO-12c	PC	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	If pre-construction surveys detect burrowing owls or active burrowing owl burrows within the project disturbance area, a final Burrowing Owl Mitigation Plan shall be provided to the CPM and CDFG no less than 10 days prior to the start of construction. The measures described in the plan shall be incorporated into the BRMIMP no less than 10 days of completion of the plan, and implemented.	Final BUOW Mitigation Plan	At least 10 days prior to ground disturbing activities	Complete	5/31/2011	Complete	
104	BIO	BIO-12d	CONS	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	The project owner shall report monthly to the CPM and CDFG for the duration of construction on the implementation of burrowing owl avoidance and minimization measures.	MCR	Monthly	On-going	NA	In-progress	
105	BIO	BIO-12e	CONS	BURROWING OWL IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN: Implement the measures in this condition [BIO-12] to manage the construction site, and related facilities, in a manner to avoid or minimize impacts to breeding and foraging burrowing owls. Measures include pre-construction surveys, avoidance measures, and a mitigation plan.	Within 30 days after completion of construction, provide to the CDFG and CPM a written construction termination report identifying how mitigation measures, including those measures described in the mitigation plan, if a plan was required, have been completed.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	

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106	BIO	BIO-13a	PC	AMERICAN BADGER IMPACT AVOIDANCE AND MINIMIZATION MEASURES: Pre-construction surveys shall be conducted concurrent with the San Joaquin kit fox and burrowing owl pre-construction surveys. Surveys shall be conducted as described in this condition [BIO-13]. Den avoidance, monitoring, and destruction methods shall adhere to those prescribed for San Joaquin kit fox in Condition BIO-14.	Submit a report to the CPM and CDFG no less than 10 days prior to the start of any ground disturbing activities or construction equipment staging that describes when surveys were completed, observations, and proposed impact minimization measures.	Survey Report	At least 10 days prior to ground disturbing activities	9/29/2012	6/1/2011	Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11. Phase 2 fencing report issued to CEC on 8/3/11. Ph 2.5 survey completed on 9/29 for gas line.
107	BIO	BIO-13b	CONS	AMERICAN BADGER IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Within 30 days after completion of construction of the project, provide to the CDFG and CPM a written construction termination report identifying how impact minimization measures have been completed.	Construction Closure Report	Within 30 days after completion of project construction	7/14/2012		Not Started	
108	BIO	BIO-14a	PC	SAN JOAQUIN KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN: Prepare and implement a San Joaquin kit fox Management Plan that includes pre-construction surveys, exclusion zones, destruction of dens guidance, and other construction and operational requirement measures, as described in this condition [BIO-14]. The measures shall be developed in cooperation with USFWS and CDFG.	Submit to the CPM, CDFG, and USFWS the final San Joaquin Kit Fox Management Plan no less than 30 days prior to the start of ground disturbing activities or construction equipment staging. The mitigation measures in the final San Joaquin Kit Fox Management Plan shall be incorporated into the BRMIMP within 10 days of completion of the plan, and implemented.	Final San Joaquin Kit Fox Management Plan	At least 30 days prior to the start of ground disturbance	Complete	6/1/2011	Complete	
109	BIO	BIO-14b	PC	SAN JOAQUIN KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	The project owner shall submit the resume and qualifications of the proposed biologist(s) to the CDFG and USFWS for review and comment and the CPM for approval no less than 30 days prior to the start of preconstruction surveys	See BIO-1a	At least 30 days prior to the start of preconstruction surveys	Complete	4/29/2011	Complete	
110	BIO	BIO-14c	PC	SAN JOAQUIN KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	The project owner shall submit a report to the CPM and CDFG at least 10 days prior to the start of any ground disturbing activities or construction equipment staging that describes when surveys were completed, observations, and proposed minimization measures.	Survey Report	At least 10 days prior to ground disturbing activities	9/29/2012	6/1/2011	Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11. Phase 2 fencing report issued to CEC on 8/3/11. Ph 2.5 survey completed on 9/29 for gas line.
111	BIO	BIO-14d	CONS	SAN JOAQUIN KIT FOX IMPACT AVOIDANCE AND MINIMIZATION MEASURES AND MANAGEMENT PLAN	No less than 30 days after completion of construction of the project linears, the project owner shall provide to the USFWS, CDFG, and CPM a written construction termination report identifying how impact minimization measures in the plan have been completed.	Construction Closure Report	Within 30 days after completion of construction of project linears	6/3/2012		Not Started	Todd will prepare report when the T-line fencing is removed after backfeed.

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112	BIO	BIO-15a	PC	SWAINSON'S HAWK IMPACT AVOIDANCE AND MINIMIZATION MEASURES: If construction is proposed during the Swainson's hawk breeding season (March-August), a pre-construction nest survey shall be conducted within 30 days prior to the beginning of construction activities by a qualified biologist in order to identify active nests in the project site vicinity. Surveys shall be conducted as described in this condition [BIO-15].	Submit a report to the CPM and CDFG no less than 10 days prior to the start of any ground disturbing activities or construction equipment staging, that describes when Swainson's hawk surveys were completed, identification and qualifications of the biologist conducting the surveys, observations, and, if required, updates to the BRMIMP based upon findings.	Survey Report	At least 10 days prior to ground disturbing activities	9/29/2012	6/2/2011	Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11, Ph 2 on 7/21/11. Phase 2 fencing report issued to CEC on 8/3/11. Ph 2.5 survey completed on 9/29 for gas line.
113	BIO	BIO-15b	PC	SWAINSON'S HAWK IMPACT AVOIDANCE AND MINIMIZATION MEASURES: If active nests are found within 1/2 mile of the project disturbance area, an initial temporary nest disturbance buffer shall be established. If project related activities within the temporary nest disturbance buffer are determined to be necessary during the nesting season (approximately March 1 and September 1), then a biologist experienced with raptor behavior shall be retained by the project owner to monitor the nest, and shall along with the project owner, consult with the CPM and CDFG	If project-related work is required within a Swainson's hawk nest buffer, the project owner shall submit the name and qualification of the proposed monitor to the CDFG for comment and the CPM for approval no less than 30 days prior to disturbance within the nest buffer. The designated biologist shall contact the CPM and CDFG within 2 days of a work stoppage due to disturbance to the nesting Swainson's hawks	Biologist Name/Quals	At least 30 days prior to disturbance within the nest buffer	Complete	4/29/2011	Complete	
114	BIO	BIO-15C	CONS	SWAINSON'S HAWK IMPACT AVOIDANCE AND MINIMIZATION MEASURES	No less than 30 days after completion of construction within the nest buffer, the project owner shall provide to the CDFG and CPM a written construction termination report identifying the results of monitoring during disturbance within the nest buffer.	Construction Closure Report	Within 30 days after completion of construction within the nest buffer	7/14/2012		Not Started	
115	BIO	BIO-16a	PC	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS: In order to mitigate for impacts to wetlands and habitat loss and potential take of listed species, provide compensatory mitigation at the ratios listed in Table 16 of this condition [BIO-16]. Provide Security as described in Section A of this condition, or purchase credits in an approved conservation bank, as described in Section B.	If the mitigation actions required under Section A or Section B of this condition are not completed prior to the start of ground-disturbing activities, provide the CPM with an approved Security in accordance with this condition, no less than 30 days prior to beginning project ground-disturbing activities.	Required Mitigation Actions or Approved Security	At least 30 days prior to the start of ground disturbing activities	Complete	5/23/2011	Complete	
116	BIO	BIO-16b	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section A: Agreements to delegate land acquisition to an approved third party shall be implemented within 6 months of the start of project ground-disturbing activities.	Third Party Agreements	Within 6 months of the start of ground disturbing activities	N/A	NA	N/A	MEP is providing Mitigation under Section B
117	BIO	BIO-16c	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section A: If the project owner elects to delegate land acquisition prior to project construction, the project owner shall provide to the CPM, CDFG, and USFWS a delegation proposal, as described in this condition, and shall obtain approval from the CPM, in consultation with CDFG and USFWS, prior to delegation or transfer of funds.	Delegation Proposal	Prior to delegation or transfer of funds for wetland and special-status species mitigation	N/A	NA	N/A	MEP is providing Mitigation under Section B

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118	BIO	BIO-16d	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section A: No less than 90 days prior to acquisition of the property, submit a formal acquisition proposal to the CPM, CDFG, USFWS, describing the parcels intended for purchase and obtain approval from the CPM, CDFG and USFWS, prior to the acquisition.	Formal Acquisition Proposal	At least 90 days prior to acquisition of wetlands and special-status species mitigation property	N/A	NA	N/A	MEP is providing Mitigation under Section B
119	BIO	BIO-16e	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section A: Provide written verification to the CPM, CDFG, and USFWS of the compensation lands acquisition and transfer within 18 months of the start of project ground-disturbing activities, or prior to commercial operation, whichever occurs first.	Verification of Compensation Lands Acquisition	Within 18 months of the start of project ground disturbing activities, or prior to commercial operation, whichever occurs first.	N/A	NA	N/A	MEP is providing Mitigation under Section B
120	BIO	BIO-16f	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section A: Provide the CPM, CDFG, and USFWS with a Compensation Lands Management Plan, for approval, within 180 days of the land or easement purchase, as determined by the date on the title. If additional long-term management fees are required, these fees shall be paid by the project owner no more than 90 days from approval of the Management Plan.	Compensation Lands Management Plan & Fees	Within 180 days of the wetlands and special-status species mitigation land or easement purchase	N/A	NA	N/A	MEP is providing Mitigation under Section B
121	BIO	BIO-16g	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section A or B: Within 90 days after completion of all project related ground disturbance, provide to the CPM, CDFG, and USFWS an analysis, based on aerial photography, with the final accounting of the amount of habitat disturbed during project construction. This shall be the basis for the final number of acres required to be acquired.	Final account of habitat disturbed during construction	Within 90 days after completion of all project related ground disturbance	8/29/2012		Not started	MEP is providing Mitigation under Section B, Todd Ellwood to participate in accounting of habitat disturbed.
122	BIO	BIO-16h	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section B: No less than 90 days prior to purchase of credits, submit to the CPM and CDFG for review and approval and the USFWS for review and comment the proposed conservation bank(s), species to be mitigated at the bank, and evidence that credits are available for purchase.	Proposed Conservation Bank, Species and available credits	At least 90 days prior to purchase of wetland and special-status species mitigation credits	9/2/2012		3/20/12: MEP requested verification language change pending mitigation bank Certification	MEP is providing Mitigation under this section
123	BIO	BIO-16i	CONS	COMPENSATORY MITIGATION FOR IMPACTS TO SPECIAL-STATUS WILDLIFE SPECIES AND WETLANDS	If mitigation is under Section B: Complete and provide written verification, as specified in this condition, to the CPM, CDFG, and USFWS of the credit purchase within 18 months of the start of project ground-disturbing activities, or prior to commercial operation, whichever occurs first.	Verification of Credit Purchase	Within 18 months of the start of project ground-disturbing activities, or prior to commercial operation, whichever occurs first	12/31/2012		Pending mitigation bank Certification	

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124	BIO	BIO-17a	PC	WATERS AND WETLANDS IMPACT AVOIDANCE AND MINIMIZATION MEASURES: To avoid and minimize impacts to wetlands and waters, implement measures (1) through (11) of this condition [BIO-17].	No less than 10 days prior to ground disturbance, provide the CPM, CDFG, and USFWS with a report identifying the location of any protective fencing, including a figure and photographs that show the fencing.	Fencing Report & Figures	At least 10 days prior to ground disturbing activities	Complete	4/29/2011 and 9/29/11	Complete	Phase 1 survey submitted 6/1/11. Additional Surveys for Ph 1.5 submitted 7/6/11, Ph 1.75 on 7/11 and Ph 2 on 7/21/11. Gas line surveys still to be completed. Phase 2 fencing report issued to CEC on 8/3/11
125	BIO	BIO-17b	PC	WATERS AND WETLANDS IMPACT AVOIDANCE AND MINIMIZATION MEASURES	If bentonite will be used, an Emergency Spill Response Plan, "Frac out" Monitoring Plan, and a Biological Monitoring Plan shall be submitted to the CDFG for review and comment and to the CPM for approval no less than 30 days prior to the start of project ground-disturbing activities. Plan approval shall be required before construction using bentonite may commence.	If Bentonite - Emergency Spill Response Plan, "Frac out" Monitoring Plan, and a Biological Monitoring Plan	At least 30 days prior to the start of ground disturbance	Complete		Complete	Not Using Bentonite
126	BIO	BIO-17c	CONS	WATERS AND WETLANDS IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Report monthly to the CPM, CDFG and USFWS for the duration of construction on the implementation avoidance and minimization measures.	MCR	Monthly	On-going	NA	In-progress	
127	BIO	BIO-17d	CONS	WATERS AND WETLANDS IMPACT AVOIDANCE AND MINIMIZATION MEASURES	Within 30 days after completion of construction the project owner shall provide to the USFWS, CDFG and CPM a written construction termination report identifying how mitigation measures have been completed.	Construction Closure Report	Within 30 days after completion of construction	7/14/2012		Not Started	
128	BIO	BIO-18	CONS	REVEGETATION AND RESTORATION: Revegetate all temporarily affected areas, as described in measures (1) through (4) of this condition [BIO-18].	Within 30 days after completion of restoration, provide to the USFWS, CDFG and CPM a written report identifying revegetation has been completed.	Revegetation Report	Within 30 days after completion of restoration	6/30/2012		In progress	Revised plan resubmitted on 11/15/11, approved on 12/1/11. Restoration by sub hired by MEP, report by Todd Ellwood
129	CUL	CUL-1a	PC	Obtain the services of an on-call Cultural Resources Specialist (CRS) and, if needed, Cultural Resources Monitors (CRMs) and other technical specialists. The CRS shall perform duties as described in this condition [CUL-1]. No ground disturbance shall occur prior to Compliance Project Manager (CPM) approval of the CRS and alternates, unless such activities are specifically approved by the CPM.	At least 45 days prior to the start of ground disturbance, submit the resume for the CRS, and alternate(s) if desired, to the CPM for review and approval. At least 10 days prior to the start of ground disturbance, confirm in writing to the CPM that the approved CRS will be available for onsite work and is prepared to implement the cultural resources conditions.	CRS & Alternates Resume / Confirmation of onsite CRS	At least 45 days prior to the start of ground disturbance	Complete	4/19/2011	Complete	

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130	CUL	CUL-1b	CONS	Obtain the services of an on-call CRS and, if needed, CRMs and other technical specialists. The CRS shall perform duties as described in this condition [CUL-1]. No ground disturbance shall occur prior to CPM approval of the CRS and alternates, unless such activities are specifically approved by the CPM.	At least 10 days prior to a termination or release of the CRS, or within 10 days after the resignation of a CRS, submit the resume of the proposed new CRS to the CPM for review and approval. At the same time, also provide to the proposed new CRS the AFC and all materials described in this condition. If the CRS is terminated and there is no alternate CRS in place to conduct the duties of the CRS, a previously approved monitor may serve in place of a CRS so that project-related ground disturbance may continue up to a maximum of 3 days without a CRS. If cultural resources are discovered then ground disturbance will remain halted until there is a CRS or alternate CRS to make a recommendation regarding significance.	(If Needed)	At least 10 days prior to a termination or release of the CRS, or within 10 days after the resignation of a CRS	As-needed	NA	As-needed	
131	CUL	CUL-1c	PC	--	At least 20 days prior to ground disturbance, the CRS shall provide a letter naming anticipated CRMs for the project and stating that the identified CRMs meet the minimum qualifications for cultural resources monitoring required by this condition. At least 5 days prior to additional CRMs beginning on-site duties during the project, the CRS shall provide additional letters to the CPM identifying the CRMs and attesting to their qualifications.	Letter	At least 20 days prior to ground disturbance	Complete	5/16/2011	Complete	
132	CUL	CUL-1d	CONS	--	At least 10 days prior to any technical specialists beginning tasks, the resume(s) of the specialists shall be provided to the CPM for review and approval.	As needed technical specialists Quals	At least 10 days prior to any technical specialists beginning tasks	As-needed	NA	As-needed	
133	CUL	CUL-2a	PC	Prior to the start of ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition [CUL-2]. No ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	At least 40 days prior to the start of ground disturbance, provide the AFC, data responses, and confidential cultural resources documents to the CRS, if needed, and the subject maps and drawings to the CRS and CPM. The CPM will review submittals in consultation with the CRS and approve maps and drawings suitable for cultural resources planning activities. At least 15 days prior to the start of ground disturbance (of each phase of a phased project), if there are changes to any project-related footprint, provide revised maps and drawings for the changes to the CRS and CPM.	Maps and drawings	At least 40 days prior to the start of ground disturbance	Complete	5/4/2011	Complete	

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134	CUL	CUL-2b	CONS	Prior to the start of ground disturbance, the start of each phase, and weekly, provide the CRS with the materials described in this condition [CUL-2]. No ground disturbance shall occur prior to CPM approval of maps and drawings, unless such activities are specifically approved by the CPM.	Weekly during ground disturbance, a current schedule of anticipated project activity shall be provided to the CRS and CPM by letter, e-mail, or fax. Within 5 days of changing the scheduling of phases of a phased project, provide written notice of the changes to the CRS and CPM.	Current schedule	Weekly during ground disturbance	On-going	NA	In-progress	
135	CUL	CUL-3a	PC	Submit the Cultural Resources Monitoring and Mitigation Plan (CRMMP), as prepared by or under the direction of the CRS and as described in this condition [CUL-3], to the CPM for review and approval. Implementation of the CRMMP shall be the responsibility of the CRS and the project owner. No ground disturbance shall occur prior to CPM approval of the CRMMP, unless such activities are specifically approved by the CPM.	Upon approval of the CRS proposed by the project owner, the CPM will provide to the CRS an electronic copy of the draft model CRMMP. At least 30 days prior to the start of ground disturbance, submit the CRMMP to the CPM for review and approval.	Draft CRMMP	At least 30 days prior to the start of ground disturbance	Complete	5/31/2011	Complete	Revised CRMMP submitted 6/21/11
136	CUL	CUL-3b	PC	--	At least 30 days prior to the start of ground disturbance, a letter shall be provided to the CPM indicating that the project owner agrees to pay curation fees for any materials collected as a result of the archaeological investigations (survey, monitoring, testing, data recovery).	Letter confirming agreement to pay curation fees	At least 30 days prior to the start of ground disturbance	Complete	3/29/2011	Complete	
137	CUL	CUL-3c	CONS	Copies of the CRMMP shall reside with the CRS, alternate CRS, each CRM, and the project owner's on-site construction manager.	CRMMP	--	Throughout Construction	On-going		In-progress	
138	CUL	CUL-4a	CONS	Submit the final Cultural Resources Report (CRR) to the CPM for approval, if preparation of a CRR becomes necessary. The final CRR shall be prepared as described in this condition [CUL-4].	Within 90 days after completion of ground disturbance (including landscaping), submit the final CRR to the CPM for review and approval. If any reports have previously been sent to the CHRIS, then receipt letters from the CHRIS or other verification of receipt shall be included in an appendix.	Final CRR	Within 90 days after completion of ground disturbance	08/29/12		Not Started	
139	CUL	CUL-4b	CONS	--	Within 90 days after completion of ground disturbance, if cultural materials requiring curation were collected, the project owner shall provide to the CPM a copy of an agreement with, or other written commitment from, a curation facility that meets the standards stated in the California State Historical Resources Commission's Guidelines for the Curation of Archaeological Collections, to accept cultural materials, if any, from this project. Any agreements concerning curation will be retained and available for audit for the life of the project.	Commitment from Curation Facility	Within 90 days after completion of ground disturbance, Only if materials were collected during grading	TBD		Not Started	

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140	CUL	CUL-4c	CONS	--	Within 10 days after CPM approval of the CRR, provide documentation to the CPM confirming that copies of the final CRR have been provided to the SHPO, the CHRIS, the curating institution, if archaeological materials were collected, and to the Tribal Chairpersons of any Native American groups requesting copies of project-related reports.	Confirmation that CRR has been provided to required agencies	Within 10 days after CPM approval of the CRR	TBD		Not Started	
141	CUL	CUL-4d	CONS	If the project owner requests a suspension of ground disturbance and/or construction activities, then a draft CRR that covers all cultural resources activities associated with the project shall be prepared by the CRS and submitted to the CPM for review and approval on the same day as the suspension/extension request. The draft CRR shall be retained at the project site in a secure facility until ground disturbance and/or construction resumes or the project is withdrawn. If the project is withdrawn, then a final CRR shall be submitted to the CPM for review and approval at the same time as the withdrawal request.	Within 30 days after requesting a suspension of construction activities, submit a draft CRR to the CPM for review and approval.	Draft CRR	Within 30 days after requesting a suspension of construction activities	TBD		Not Started	
142	CUL	CUL-5a	PC	Prior to and for the duration of ground disturbance, provide Worker Environmental Awareness Program (WEAP) training, as described in the condition [CUL-5] to all new workers within their first week of employment.	At least 30 days prior to the beginning of ground disturbance, the CRS shall provide the training program draft text and graphics and the informational brochure to the CPM for review and approval. At least 15 days prior to the beginning of ground disturbance, the CPM will provide to the project owner a WEAP Training Acknowledgment form for each WEAP-trained worker to sign.	Draft WEAP	At least 30 days prior to the beginning of ground disturbance	Complete	4/19/11 4/19/11	Complete	
143	CUL	CUL-5b	CONS	--	Monthly, until ground disturbance is completed, provide in the Monthly Compliance Report (MCR) the WEAP Training Acknowledgment forms of workers who have completed the training in the prior month and a running total of all persons who have completed training to date.	Signed WEAP Training Forms	Monthly	On-going	NA	In-progress	

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144	CUL	CUL-6a	PC	The CRS, alternate CRS, or CRMs shall monitor full time, as described in this condition [CUL-6], all ground disturbances in the area where a CRHR-eligible cultural resources discovery has been made. The CRMs shall keep a daily log of monitoring and other cultural resources activities, as specified in this condition. As described in this condition, archaeological monitoring of all earth-moving activities shall be implemented, if deemed necessary, in the areas specified in this condition, for as long as the CPM requires. The research design in the CRMMP shall govern the collection, treatment, retention/disposal, and curation of any archaeological materials encountered during archaeological monitoring. From the daily monitoring logs, the CRS shall compile a monthly monitoring summary report to be included in the MCR, as specified in this condition.	At least 30 days prior to the start of ground disturbance, the CPM will provide to the CRS an electronic copy of a form to be used as a daily monitoring log.	Daily Monitoring Log	30 Days Prior to Start of Ground Disturbance	Complete	4/19/2011	Complete	
145	CUL	CUL-6b	CONS	--	Monthly, while monitoring is on-going, include in each MCR a copy of the monthly summary report of cultural resources-related monitoring prepared by the CRS and attach any new DPR 523A forms completed for finds treated prescriptively, as specified in the CRMMP.	MCR	Monthly	On-going	NA	In-progress	
146	CUL	CUL-6c	CONS	In the event that the CRS believes that a current level of monitoring is not appropriate, a letter or e-mail detailing the justification for changing the level of monitoring shall be provided to the CPM for review and approval prior to any change in the level of monitoring.	At least 24 hours prior to implementing a proposed change in monitoring level, submit to the CPM, for review and approval, a letter or e-mail detailing the CRS's justification for changing the monitoring level.	(If Needed)	At least 24 hours prior to implementing a proposed change in monitoring level	As-needed	NA	As-needed	
147	CUL	CUL-6d	CONS	The CRS or alternate CRS shall report daily to the CPM on the status of the project's cultural resources-related activities, unless reducing or ending daily reporting is requested by the CRS and approved by the CPM.	Daily, as long as no cultural resources are found, the CRS shall provide a statement that "no cultural resources over 50 years of age were discovered" to the CPM as an e-mail or in some other form of communication acceptable to the CPM.	Statement of non-discovery		Daily		Not Started	
148	CUL	CUL-6e	CONS	--	At least 24 hours prior to reducing or ending daily reporting, submit to the CPM, for review and approval, a letter or e-mail (or some other form of communication acceptable to the CPM) detailing the CRS's justification for reducing or ending daily reporting.	Written Justification	At least 24 hours prior to reducing or ending daily reporting	TBD		Not Started	

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149	CUL	CUL-6f	CONS	An effort shall be made, as specified in this condition, to obtain a Native American representative to monitor ground disturbance in areas where Native American artifacts may be discovered.	No later than 30 days following the discovery of any Native American cultural materials, submit to the CPM copies of the information transmittal letters sent to the Chairpersons of the Native American tribes or groups who requested the information. Additionally, submit to the CPM copies of letters of transmittal for all subsequent responses to Native American requests for notification, consultation, and reports and records.	(If Needed)	Within 30 days after discovery of Native American cultural materials	As-needed	NA	As-needed	
150	CUL	CUL-6g	CONS	--	Within 15 days of receiving them, submit to the CPM copies of any comments or information provided by Native Americans in response to the project owner's transmittals of information.	(If Needed)	Within 15 days of receiving comments or information provided by Native Americans	As-needed	NA	As-needed	
151	CUL	CUL-6h	CONS	The CRS, may informally discuss cultural resource activities with Energy Commission technical staff. Any interference with monitoring activities, removal of a monitor from duties assigned by the CRS, or direction to a monitor to relocate monitoring activities by anyone other than the CRS shall be considered non compliance. Upon becoming aware of any incidents of non-compliance, the CPM shall be notified within 24 hours. The CRS shall also recommend corrective action.	-	(If Needed)	Within 24 hours of non-compliance	As-needed	NA	As-needed	
152	CUL	CUL-6i	CONS	If an incident of non-compliance occurs, when the issue is resolved, the CRS shall write a report describing the issue, the resolution of the issue, and the effectiveness of the resolution measures. This report shall be provided in the next MCR for the review of the CPM.	-	(If Needed)	The next MCR after a non-compliance issue occurs	As-needed	NA	As-needed	
153	CUL	CUL-7a	PC	The CRS, alternate CRS, and CRMs shall have authority to halt project-related ground disturbance in the event of a cultural resource discovery. Employees are to halt work on their own in the vicinity of a potential cultural resource discovery and shall contact their supervisor and the CRS or CRM.	At least 30 days prior to the start of ground disturbance, provide the CPM and CRS with a letter confirming that the CRS, alternate CRS, and CRMs have the authority to halt project-related ground disturbance in the vicinity of a cultural resources discovery, and that the project owner shall ensure that the CRS notifies the CPM within 24 hours of a discovery, or by Monday morning if the cultural resources discovery occurs between 8:00 AM on Friday and 8:00 AM on Sunday morning.	Letter of confirmation	At least 30 days prior to the start of ground disturbance	Complete	3/29/2011	Complete	

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154	CUL	CUL-7b	CONS	In the event of a discovery, the halting or redirection of ground disturbance shall remain in effect until the CRS has visited the discovery, and measures (1) through (4) of this condition [CUL-7] have occurred.	Within 48 hours of the discovery of an archaeological or ethnographic resource, the project owner shall ensure that the CRS notifies all Native American groups that expressed a desire to be notified in the event of such a discovery.	(If Needed)	Within 48 hours of the discovery of an archaeological or ethnographic resource	As-needed	NA	As-needed	
155	CUL	CUL-7c	CONS	--	Unless the discovery can be treated prescriptively, as specified in the CRMMP, completed DPR 523 forms for resources newly discovered during ground disturbance shall be submitted to the CPM for review and approval no later than 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/recovery, whichever the CRS decides is more appropriate for the subject cultural resource.	(If Needed)	Within 24 hours following the notification of the CPM, or 48 hours following the completion of data recordation/recovery, whichever the CRS decides is more appropriate	As-Needed	NA	As-needed	
156	CUL	CUL-8a	CONS	If fill soils must be acquired from or disposed to a non-commercial borrow site without a less-than-five-year-old survey, the CRS shall survey the site(s) for cultural resources and record on DPR 523 forms any that are identified.	As soon as the project owner knows that a non-commercial borrow site and/or disposal site will be used, he/she shall notify the CRS and CPM and provide documentation of previous archaeological survey, if any, dating within the past five years, for CPM approval.	Notification to CRS & CPM/ Previous surveys	As soon as the project owner knows that a non-commercial borrow site and/or disposal site will be used	As-needed	NA	As-needed	
157	CUL	CUL-8b	CONS	When the survey is completed, the CRS shall convey the results and recommendations for further action to the project owner and the CPM, who will determine what, if any, further action is required. If the CPM determines that significant archaeological resources that cannot be avoided are present at the borrow site, other conditions shall apply. The CRS shall report on the methods and results of these surveys in the final CRR	In the absence of documentation of recent archaeological survey, at least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites, the CRS shall survey the site/s for archaeological resources. The CRS shall notify the project owner and the CPM of the results of the cultural resources survey, with recommendations, if any, for further action.	Notification of survey results & recommendations	At least 30 days prior to any soil borrow or disposal activities on the non-commercial borrow and/or disposal sites	As-needed	NA	As-needed	
158	HAZ	HAZ-1	OPS	Any hazardous materials not listed in Appendix B shall not be used, or in greater quantities or strengths than those identified by chemical name in Appendix B, unless approved in advance by the CPM.	Provide to the CPM, in the Annual Compliance Report, a list of hazardous materials contained at the facility.	ACR	Annually	On-going		Not Started	
159	HAZ	HAZ-2b	CONS	Copies of the final Business Plan, SPCC Plan, and RMP shall be provided to the ACDEH and the Alameda County Fire Department (ACFD) for information and to the CPM for approval.	At least 30 days prior to delivery of aqueous ammonia to the site, provide the final RMP to the ACDEH and the ACFD for information and to the CPM for approval.	Final HMBP, SPCC and RMP	At least 30 days prior to receiving any hazardous material / aqueous ammonia on the site	3/29/2012		Submitted to CEC and Alameda County DEH on 3/29/12 for review	
160	HAZ	HAZ-3	CONS	Develop and implement a Safety Management Plan, as outlined in this condition [HAZ-3] for delivery of aqueous ammonia and other liquid hazardous materials by tanker truck.	At least 30 days prior to the delivery of any liquid hazardous material to the facility, provide a Safety Management Plan as described in this condition to the CPM for review and approval.	Safety Management Plan	At least 30 days prior to the delivery of any liquid hazardous material to the facility	2/23/2012		submitted to CEC on 2/23/12	

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161	HAZ	HAZ-4	CONS	The aqueous ammonia storage facility shall be designed to either the ASME Pressure Vessel Code and ANSI K61.6 or to API 620, as described in this condition [HAZ-4].	At least 60 days prior to delivery of aqueous ammonia to the facility, submit final design drawings and specifications for the ammonia storage tank and secondary containment basin to the CPM for review and approval.	Final design drawings/specs of ammonia storage tank & secondary containment	At least 60 days prior to delivery of aqueous ammonia to the facility	12/7/2011	1/9/2012	approved	Package resubmitted under HAZ-4 on 11/25/11 for CBO approval. Approved by the CBO on 12/6/11. Package submitted to CEC for approval on 12/7/11.
162	HAZ	HAZ-5	CONS	All vendors delivering aqueous ammonia to the site shall use only tanker truck transport vehicles which meet or exceed the specifications of DOT Code MC-307.	At least 30 days prior to receipt of aqueous ammonia on site, submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	Notification letters re: transport vehicle specs	At least 30 days prior to receipt of aqueous ammonia on site	2/15/2012		submitted 2/15/12 to CEC	CEC will formally approve when CUPA letter is received
163	HAZ	HAZ-6	PC	Prior to commencing construction, a site-specific Construction Site Security Plan for the construction phase shall be prepared and made available to the CPM for review and approval. The Construction Security Plan shall include items (1) through (3) of this condition [HAZ-6].	At least 30 days prior to commencing construction, notify the CPM that a site-specific Construction Security Plan is available for review and approval.	Notification of Security Plan Availability	At least 30 calendar days prior to start of construction	Complete	5/16/2011	Complete	
164	HAZ	HAZ-7a	CONS	Prepare a site-specific security plan, as described in this condition [HAZ-7], for the commissioning and operational phases that will be available to the CPM for review and approval. The level of security to be implemented shall not be less than that described in (1) through (6) of this condition (as per NERC 2002). Fully implement the security plans and obtain CPM approval of any substantive modifications to those security plans.	At least 30 days prior to the initial receipt of hazardous materials on site, notify the CPM that a site-specific operations site security plan is available for review and approval.	Notification of Site Specific Operations Security Plan Availability	At least 30 days prior to the initial receipt of hazardous materials on site	3/16/2012	3/19/2012	Complete	CEC notified on 3/15-plan available on site for review
165	HAZ	HAZ-7b	OPS	Revise the existing or prepare a new site-specific security plan, as described in this condition [HAZ-7], for the commissioning and operational phases that will be available to the CPM for review and approval. The level of security to be implemented shall not be less than that described in (1) through (6) of this condition (as per NERC 2002). Fully implement the security plans and obtain CPM approval of any substantive modifications to those security plans.	In the annual compliance report, include a statement that all current project employee and appropriate contractor background investigations have been performed, and that updated certification statements have been appended to the operations security plan. In the annual compliance report, include a statement that the operations security plan includes all current hazardous materials transport vendor certifications for security plans and employee background investigations.	ACR	Annually	On-going		Not Started	

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166	HAZ	HAZ-8a	CONS	The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve "flammable gas blows" where natural (or flammable) gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non-flammable gas (e.g. air, nitrogen, steam) or mechanical pigging shall be used. Exceptions to any of these provisions will be made only if no other satisfactory method is available, and then only with the approval of the CPM.	At least 30 days before any fuel gas pipe cleaning activities involving fuel gas pipe of four-inch or greater external diameter, submit a copy of the Fuel Gas Pipe Cleaning Work Plan which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the CBO for information and to the CPM for review and approval.	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before fuel gas pipe cleaning activities	2/21/12 LG Plan Submitted	1/24/12 PG&E plan approved	partially approved	PG&E plans submitted and approved. LG plan submitted 2/21/12. CEC will approve when CUPA letter submitted
167	HAZ	HAZ-8b	OPS	The project owner shall not allow any fuel gas pipe cleaning activities on site, either before placing the pipe into service or at any time during the lifetime of the facility, that involve "flammable gas blows" where natural (or flammable) gas is used to blow out debris from piping and then vented to atmosphere. Instead, an inherently safer method involving a non-flammable gas (e.g. air, nitrogen, steam) or mechanical pigging shall be used. Exceptions to any of these provisions will be made only if no other satisfactory method is available, and then only with the approval of the CPM.	At least 30 days before any fuel gas pipe cleaning activities involving fuel gas pipe of four-inch or greater external diameter, submit a copy of the Fuel Gas Pipe Cleaning Work Plan which shall indicate the method of cleaning to be used, what gas will be used, the source of pressurization, and whether a mechanical PIG will be used, to the CBO for information and to the CPM for review and approval.	Fuel Gas Pipe Cleaning Work Plan	At least 30 days before fuel gas pipe cleaning activities	As-needed or as required by regulatory authority		Not Started	
168	LAND	LAND-1a	PC	The water supply pipeline on the Byron Bethany Irrigation District (BBID) property shall be constructed in compliance with BBID standards, including a minimum three foot cover. Construction shall be scheduled so as not to conflict with agricultural operations.	At least 30 calendar days prior to start of construction, submit to the CPM for review and approval, (1) documentation showing construction of the section of water supply pipeline on the BBID property will be carried out consistent with BBID's standards for pipeline construction and (2) a construction schedule that does not conflict with the agricultural use of the land.	Documentation re: Water Pipeline & construction schedule	At least 30 calendar days prior to start of construction	Complete	4/28/2011	Complete	
169	LAND	LAND-1b	CONS	Once construction of the water supply pipeline has been completed, the land shall be returned to pre-construction site conditions.	Once construction is completed, submit to the CPM documentation showing the area disturbed by construction activities has been returned to pre-construction conditions.	Documentation re: restored area	Once construction is completed	3/30/2012		Not Started	
170	LAND	LAND-2	CONS	Provide year-round water supply for grazing livestock on the remaining 146 acres of the subject property for the life of the project.	At least 30 calendar days prior to start of operation submit to the CPM evidence that a year-round water supply for livestock has been installed and water supply is maintained on a monthly basis for the life of the project.	Evidence of livestock water supply	At least 30 calendar days prior to start of Operation	5/2/2012		In progress	2 Hose bibbs installed, pending trough installation

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171	LAND	LAND-3	OPS	Reseed the temporary construction laydown area on the project property with an improved seed mix over what site conditions currently provide.	Within 120 calendar days after commercial operation, submit to the CPM evidence that the construction laydown area has been re-seeded and a management plan that ensures the re-seeded area will be maintained and suitable for grazing for the life of the project.	Evidence of laydown area re-seeding / Management Plan	Within 120 calendar days after commercial operation	9/29/2012		In Progress	Revegetation plan drafted as part of VIS-2, submitted to CEC on 10/31/11, approved on 12/1/11.
172	LAND	LAND-4	PC	Communication devices used by the project that operate over radio frequencies shall not conflict with frequencies used by Byron Airport and the surrounding airports; specifically frequencies 114 through 117, 123, 203, and 374 MHz shall be avoided.	At least 30 days prior to project construction, provide documentation to the Director of Airports with Contra Costa County for review and comment and to the CPM for review and approval, showing project communication devices will not conflict with the frequencies used by the Byron Airport and surrounding airports. Any comments received from the Director of Contra Costa County Airports shall be forwarded to the CPM without delay.	Documentation re: no conflicts with project communication devices / Airport director comments	At least 30 calendar days prior to start of construction	Complete	4/8/2011	Complete	
173	NOISE	NOISE-1	PC	PUBLIC NOTIFICATION PROCESS: Prior to the demolition of the existing structures at the project site, notify all residents and business owners within one mile of the project site boundaries and within ½-mile of the linear facilities, of the commencement of project construction. Establish a telephone number, as outlined in this condition [NOISE-1] for use by the public to report any undesirable noise conditions.	At least 15 days prior to the start of demolition, transmit to the CPM a statement, signed by the project owner's project manager, stating that the notification has been performed, and describing the method of that notification. This communication shall also verify that the telephone number has been established and posted at the site, and shall provide that telephone number.	Statement of notification completion & establishment of telephone number	At least 15 days prior to the start of demolition	Complete	5/16/2011 5/23/11	Complete	
174	NOISE	NOISE-2a	CONS	NOISE COMPLAINT PROCESS: Throughout the demolition, construction and operation of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints, as outlined in this condition [NOISE-2].	Within five days of receiving a noise complaint, file a Noise Complaint Resolution Form, with both the local jurisdiction and the CPM, that documents the resolution of the complaint. If mitigation is required to resolve a noise complaint, and the complaint is not resolved within a three-day period, submit an updated Noise Complaint Resolution Form when the mitigation is performed and complete.	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	On-going	NA	In-progress	

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175	NOISE	NOISE-2b	OPS	NOISE COMPLAINT PROCESS: Throughout the demolition, construction and operation of the project, document, investigate, evaluate, and attempt to resolve all project-related noise complaints, as outlined in this condition [NOISE-2].	Within five days of receiving a noise complaint, file a Noise Complaint Resolution Form, with both the local jurisdiction and the CPM, that documents the resolution of the complaint. If mitigation is required to resolve a noise complaint, and the complaint is not resolved within a three-day period, submit an updated Noise Complaint Resolution Form when the mitigation is performed and complete.	Noise Complaint Resolution Form	Within five days of receiving a noise complaint	On-going	NA	Not Started	
176	NOISE	NOISE-3	PC	EMPLOYEE NOISE CONTROL PROGRAM: Submit to the CPM for review and approval a noise control program to reduce employee exposure to high (above permissible) noise levels during construction in accordance to the applicable OSHA and Cal-OSHA standards.	At least 30 days prior to the start of demolition, submit the noise control program to the CPM. Make the program available to Cal-OSHA upon request.	Noise Control Program	At least 30 days prior to the start of demolition	Complete	4/21/2011	Complete	
177	NOISE	NOISE-4a	CONS	NOISE RESTRICTIONS: The project design and implementation shall include appropriate noise mitigation measures as described in this condition [NOISE-4].	The 25-hour community noise survey shall take place within 30 days of the project first achieving a sustained output of 90% or greater of rated capacity.	--	Within 30 days of the project first achieving a sustained output of 90% or greater of rated capacity	7/3/2012		Not Started	Bo wants to do this during performance testing.
178	NOISE	NOISE-4b	CONS	NOISE RESTRICTIONS	Within 15 days after completing the survey, submit a summary report of the survey to the CPM. Included in the survey report will be the measures described in this condition. Included in the survey report will be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limit, and a schedule, subject to CPM approval, for implementing these measures.	Survey Summary Report	Within 15 days after completing the noise survey	7/8/2012		Not Started	
179	NOISE	NOISE-4c	CONS	NOISE RESTRICTIONS	When the measures are in place, repeat the noise survey. Within 15 days of completion of the new survey, submit to the CPM a summary report of the new noise survey, performed as described above and showing compliance with this condition.	(If Needed)	Within 15 days of completion of the new noise survey	As-needed	NA	Not Started	
180	NOISE	NOISE-5	CONS	OCCUPATIONAL NOISE SURVEY: Following the project's attainment of a sustained output of 90% or greater of its rated capacity, conduct an occupational noise survey to identify any noise hazardous areas in the facility. A report shall be prepared of the survey results and, if necessary, proposed mitigation measures to be employed in order to comply with the applicable California and federal regulations.	Within 30 days after completing the occupational noise survey, submit the noise survey report to the CPM. Make the report available to OSHA and Cal-OSHA upon request.	Occupational Noise Survey Report	Within 30 days after completing the occupational noise survey	7/15/2012		Not Started	

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181	NOISE	NOISE-6	PC	CONSTRUCTION RESTRICTIONS: Heavy equipment operation and noisy construction work shall be restricted to the times delineated in this condition [NOISE-6], unless the CPM in consultation with Alameda County authorizes longer hours. Haul trucks and other engine-powered equipment shall be equipped with adequate mufflers. Haul trucks shall be operated in accordance with posted speed limits. Truck engine exhaust brake use shall be limited to emergencies.	Prior to demolition, a statement acknowledging that the restrictions in this condition will be observed throughout the construction of the project shall be transmit to the CPM.	Statement of acknowledgement	Prior to demolition	Complete	4/14/2011	Complete	
182	SOCIO	SOCIO-1	PC	Pay the one-time statutory school facility development fee as required by Education Code Section 17620.	At least 30 days prior to the start of project construction, provide to the CPM proof of payment of the statutory development fee. The payment shall be provided to the Mountain House Elementary School District (75%)/Tracy Unified School District (25%).	Payment / Proof of payment	At least 30 calendar days prior to start of construction	Complete	5/12/2011	Complete	
183	S&W	SOIL & WATER-1a	PC	Comply with the requirements of the General National Pollutant Discharge Elimination System (NPDES) permit for discharges of storm water associated with MEP construction activity. In order to comply, develop and implement a Storm Water Pollution Prevention Plan (SWPPP) for the construction of the entire proposed project site, laydown areas, and linear areas.	At least 60 days before construction begins, submit a copy of the construction SWPPP to the Alameda County Flood Control and Water Conservation District and the Contra Costa County Grading Division for review.	Construction SWPPP	At least 60 days before construction begins	Complete	6/6/2011	Complete	Revised plan submitted 6/27/11
184	S&W	SOIL & WATER-1b	PC	SWPPP	At least 30 days before construction begins, submit copies to the CPM of all correspondence between the project owner and the Central Valley Regional Water Quality Control Board (RWQCB) regarding the General NPDES permit, including copies of the Notice of Intent and the Notice of Termination for project construction.	Copies of Correspondence	At least 30 calendar days prior to start of construction	Complete	6/1/2011	Complete	Revised plan submitted 6/27/11
185	S&W	SOIL & WATER-2a	PC	Prior to site mobilization, obtain CPM approval for a site-specific Drainage, Erosion, and Sedimentation Control Plan (DESCP) for both the construction and operation. The DESCP shall contain the elements outlined in this condition [SOIL&WATER-2].	No later than 90 days prior to start of site mobilization, submit a copy of the DESCP to Alameda County for review and comment.	Draft DESCP	At least 90 days prior to the start of site mobilization	Complete	3/8/2011	Complete	Revised plan submitted 6/27/11
186	S&W	SOIL & WATER-2b	PC	DESCP	A copy of the DESCP shall be submitted to the CPM no later than 60 days prior to the start of site mobilization for review and approval. The CPM shall consider comments received from Alameda County.	Draft DESCP w/ County Comments	At least 60 days prior to the start of site mobilization	Complete	6/6/2011	Complete	

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187	S&W	SOIL & WATER-2c	CONS	DESCP	During construction, provide an analysis in the monthly compliance report on the effectiveness of the drainage-, erosion- and sediment-control measures and the results of monitoring and maintenance activities.	MCR	Monthly	On-going	NA	In-progress	
188	S&W	SOIL & WATER-2d	OPS	DESCP	Once operational, provide in the annual compliance report information on the results of stormwater BMP monitoring and maintenance activities.	ACR	Annually	On-going	NA	Not Started	
189	S&W	SOIL & WATER-3a	CONS	Comply with the requirements of the General NPDES permit for discharges of storm water associated with industrial activity. Develop and implement a SWPPP for the operation of the site. Ensure that only stormwater is discharged onto the site.	At least 30 days prior to commercial operation, submit the MEP operational SWPPP to the CPM.	Operation SWPPP	At least 30 days prior to commercial operation	5/2/2012		Not Started	Site visit to confirm operational SWPPP planned for mid-April.
190	S&W	SOIL & WATER-3b	CONS	Comply with the requirements of the General NPDES permit for discharges of storm water associated with industrial activity. Develop and implement a SWPPP for the operation of the site. Ensure that only stormwater is discharged.	Within 10 days of mailing or receipt of the operational SWPPP, submit to the CPM any correspondence, as specified by this condition, between the project owner and the RWQCB about the general NPDES permit for discharge of storm water associated with industrial activity. This information shall include a copy of the notice of intent sent by the project owner to the State Water Resources Control Board. A letter from the RWQCB indicating that there is no requirement for a general NPDES permit for discharges of storm water associated with industrial activity would satisfy this condition.	Copies of Correspondence	Within 10 days of mailing or receipt	5/17/2012		Not Started	
191	S&W	SOIL & WATER-4a	CONS	Water used for project operation shall be raw surface water from BBID. Pumping or purchasing groundwater is prohibited. Water use shall not exceed the annual water-use limit of 187 acre-feet per year. The project owner shall monitor and record the total water used on a monthly basis, as outlined in this condition [SOIL & WATER-4]. A date shall be established for the annual compliance report (ACR) submittal, and the ACR shall include the elements described in this condition. The project owner shall work with BBID to implement a water conservation program, as outlined in this condition. The water conservation program(s) shall be provided to the CPM for review and approval. Contributions to a water conservation program are not required for use of recycled water during construction or operation.	At least 60 days prior to commercial operation, submit to the CPM evidence that metering devices have been installed and are operational on the water supply and distribution systems.	Evidence of metering device installation	At least 60 days prior to commercial operation	2/16/2012		submitted to CEC 2/16/12	Per Craig Hoffman on 3/19/12, BBID will send a letter to CEC accepting the improvements, then this item can be complete. Nothing more is needed from MEP.

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192	S&W	SOIL & WATER-4b	OPS	--	When the metering devices are serviced, tested and calibrated, provide a report summarizing these activities in the next annual compliance report. The project owner, in the annual compliance report, shall provide a Water Use Summary that states the source and quantity of raw surface water used on a monthly basis and on an annual basis in units of acre-feet. Prior annual water use including yearly range and yearly average shall be reported in subsequent annual compliance reports (ACR).	ACR	Annually	On-going	NA	Not Started	
193	S&W	SOIL & WATER-4c	PC	--	At least 30 days prior to construction, submit the water conservation program(s) by the selected local water agency(s) to the CPM for review and approval. The water conservation program shall include elements (a) through (d) of this condition [SOIL&WATER-4].	Water Conservation Program(s)	At least 30 calendar days prior to start of construction	Complete	6/6/2011	Complete	
194	S&W	SOIL & WATER-4d	CONS	--	Provide proof that the initial contribution to the water conservation program was paid to a CPM-approved water conservation program prior to site operations. Annual use payments shall be determined based upon the approved rate on per acre-foot of fresh water reported annually in the ACR.	Proof of initial contribution	Prior to Operation	2/23/2012		In Progress	Submitted photo documentation of completion of Water Conservation Progam project to CEC on 2/23/12. Site verification visit onm 3/8/12. Per Craig Hoffman, once BBID submits a letter, the item will be complete
195	S&W	SOIL & WATER-4e	OPS	--	Annual use payments shall be determined based upon the approved rate on per acre-foot of fresh water reported annually in the ACR. Annual use payments to a water conservation program, confirmed by the CPM, shall be made no later than 60 days following CPM approval of the ACR.	Annual Use Payments	No later than 60 days following CPM approval of the ACR	N/A		Complete	Annual Use fees are not required because a lump sum amount was paid to BBID for the canal relining project for water conservation prior to operations

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196	S&W	SOIL & WATER-4f	OPS	--	Provide data and a report to the CPM describing the water conservation program with estimates of the annual "calculated" water saved in acre-feet in the subsequent ACR. Payments for longer return period capital improvements should be accounted for using standard engineering economic analysis. Water use at MEP should also be tracked in an annual water use account. Once a long return period project is implemented and water conservation begins, water conservation should also be tracked on an annual basis. Conserved water from MEP funded projects should be deducted from the MEP water use account on an annual basis. Payment history, project funding, and MEP water use and conservation accounting shall be documented in the ACR.	ACR	Annually	On-going	NA	Not Started	
197	S&W	SOIL & WATER-5	OPS	Wastewater shall not be discharged, other than non-contact stormwater, and evidence shall be provided that industrial wastewater and contact stormwater are being disposed of at an appropriately licensed facility.	Provide evidence to the CPM of proper industrial wastewater disposal, via a licensed hauler to an appropriately licensed facility, in the annual compliance report.	ACR	Annually	On-going	NA	Not Started	
198	TRANS	TRANS-1	CONS	Roadway Use Permits and Regulations: Comply with limitations imposed by Caltrans District 4 and other relevant jurisdictions, on vehicle sizes and weights, driver licensing, and truck routes. In addition, the project owner or its contractor shall obtain necessary transportation permits from Caltrans and all relevant jurisdictions for roadway use.	In the MCRs, report permits received during that reporting period. In addition, retain copies of permits and supporting documentation on-site for CPM inspection if requested.	MCR	Monthly	On-going	NA	In-progress	Copies on file at jobsite, permit numbers included in MCR.
199	TRANS	TRANS-2a	PC	Restoration of All Public Roads, Easements, and Rights-of-Ways: Restore all public roads, easements, and rights-of-ways that have been damaged due to project-related construction activities in a timely manner. Prior to the start of site mobilization, notify the relevant jurisdictions of the proposed schedule for project construction, request that these jurisdictions consider postponement of planned activities, and coordinate any concurrent construction-related activities that cannot be postponed.	Prior to the start of site mobilization, photograph or videotape all affected public roads, easements, right-of-way segment(s), and/or intersections and provide the CPM, the affected local jurisdiction(s), and Caltrans District 4 (if applicable) with a copy of these images.	Photo/Video of pre-project road conditions	Prior to the start of site mobilization	Complete	6/8/2011	Complete	
200	TRANS	TRANS-2b	CONS	Restoration of All Public Roads, Easements, and Rights-of-Ways	Within 60 calendar days of completion of construction, meet with the CPM, the affected local jurisdiction(s), and Caltrans District 4 (if applicable) to identify sections of public right-of-way to be repaired. At that time, establish a schedule for completion and approval of the repairs.	--	Within 60 calendar days of completion of construction	6/1/2012		Not Started	Debi to video tape road the day construction is complete 5/31/12. Then contact Cal-trans and Counties for on-site review meeting

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201	TRANS	TRANS-2c	CONS	Restoration of All Public Roads, Easements, and Rights-of-Ways	Following completion of any public right-of-way repairs, provide to the CPM letters signed by the affected local jurisdiction(s) and Caltrans District 4 stating their satisfaction with the repairs.	Letters from Caltrans	Following completion of any public right-of-way repairs	7/31/2012		Not Started	
202	TRANS	TRANS-3a	PC	Traffic Control Plan, Heavy Hauling Plan, and Parking/Staging Plan: Prior to the start of construction, prepare a Traffic Control Plan (TCP) for the MEP's construction and operations traffic , as outlined in this condition [TRANS-2]. Submit the proposed TCP to the Caltrans District 4 office and to the affected local jurisdictions in sufficient time for review and comment, and to the CPM for review and approval prior to the proposed start of construction and implementation of the plan.	At least 60 calendar days prior to the start of construction, submit the TCP to the applicable agencies for review and comment and to the CPM for review and approval. Also provide the CPM with a copy of the transmittal letter to the agencies requesting review and comment.	TCP / Transmittal letters	At least 60 calendar days prior to the start of construction	Complete	6/8/2011	Complete	
203	TRANS	TRANS-3b	PC	Traffic Control Plan, Heavy Hauling Plan, and Parking/Staging Plan	At least 30 calendar days prior to the start of construction, provide copies of any comment letters received from the agencies, along with any changes to the proposed development plan, to the CPM for review and approval.	Final TCP / comments received	At least 30 calendar days prior to the start of construction	Complete	6/8/2011	Complete	
204	TRANS	TRANS-4a	PC	Encroachment into Public Rights-of-Way: Prior to any ground disturbance, improvements, or obstruction of traffic, coordinate with all relevant jurisdictions to obtain all required encroachment permits and comply with all applicable regulations.	At least 10 days prior to ground disturbance or interruption of traffic in or along any public road, easement, or right-of-way, provide copies of all permit(s), relevant to the affected location(s), received from Caltrans or any other affected jurisdiction/s to the CPM.	Copies of Permits Received	At least 10 days prior to ground disturbance or interruption of traffic in or along any public road, easement, or right of-way	Complete	6/1/2011	Complete	Alameda County Encroachment permits submitted 6/24/11. Contra Costa Permit submitted in first MCR.
205	TRANS	TRANS-4b	OPS	Encroachment into Public Rights-of-Way	Retain copies of the issued/approved permit(s) and supporting documentation in the compliance file for a minimum of 180 calendar days after the start of commercial operation.	--	At least 180 calendar days after the start of commercial operation	On-going	NA	Not Started	
206	TRANS	TRANS-5a	CONS	Transportation of Hazardous Materials: Obtain the necessary permits and/or licenses, comply with all applicable regulations, and implement the proper procedures for the transportation of hazardous materials. In addition, the owner shall ensure that hazardous materials deliveries occur outside of normal commute hours.	In the MCRs, the owner shall provide copies of all permits/licenses obtained for the transportation of hazardous substances.	MCR	Monthly	On-going	NA	In-progress	
207	TRANS	TRANS-6a	PC	Payment of Transportation Fees: Where applicable, pay traffic and transportation fees to Alameda County for development of the MEP. These fees may include but not be limited to the Tri-Valley transportation development fee and the cumulative traffic impact mitigation fee.	At least 30 days prior to the start of ground disturbance, submit plans for the proposed MEP to Alameda County, pay any necessary transportation-related fees, and provide documentation of exemption or payment to the CPM.	Plans, and proof of fee payment or exemption	At least 30 days prior to the start of ground disturbance	Complete	5/19/2011	Complete	

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208	TRANS	TRANS-6b	OPS	Payment of Transportation Fees	Retain copies of documentation in the compliance file for a minimum of 180 calendar days after the start of commercial operation.	--	Keep on file at least 180 calendar days after the start of commercial operation	On-going	NA	Complete	Copy of payment in file on site.
209	TRANS	TRANS-7a	PC	Obstruction Marking and Lighting: Install obstruction marking and lighting on the exhaust stacks, consistent with FAA requirements, as expressed in the documents listed in this condition [TRANS-7]. Permanent lighting shall be installed and activated as outlined in this condition.	At least 60 days prior to the start of construction, submit to the CPM for approval final design plans for the power plant exhaust stacks that depict the required air traffic obstruction marking and lighting.	Final exhaust stack lighting plans	At least 60 days prior to the start of construction	12/29/2011	1/17/2012	approved	
210	TRANS	TRANS-7b	CONS	Obstruction Marking and Lighting	Within 5 days of completion of exhaust stack construction and prior to the start of plant operation, install and activate permanent obstruction marking and lighting consistent with FAA requirements.	--	Within 5 days of completion of exhaust stack construction and prior to the start of plant operation	3/15/2012		In progress	3/20/12-Alerted LG that lighting is due for installation soon as platform completion approaches. Lights installed on 600 and 700 as of 3/31/12
211	TRANS	TRANS-7c	CONS	Obstruction Marking and Lighting	Inform the CPM in writing within 10 days of installation and activation of permanent obstruction marking and lighting. The lighting shall be inspected and approved by the CPM (or designated inspector) within 30 days of activation.	Notification to CPM	Within 10 days of installation and activation of permanent obstruction marking and lighting	4/14/2012		Not Started	Also copy Keith Freitas of lights being on.
212	TRANS	TRANS-8a	CONS	Pilot Notification and Awareness: Initiate the actions outlined in this condition [TRANS-8] to ensure pilots are aware of the project location and potential hazards to aviation.	Within 30 days following the start of construction, submit draft language for the letters of request to the FAA (including NORCAL TRACON) and Byron Airport to the CPM for review and approval.	Draft Letters of Request	Within 30 days following the start of construction-Coming up soon	7/29/2011		Complete	
213	TRANS	TRANS-8b	CONS	Pilot Notification and Awareness	At least 60 days prior to the start of operations, submit the required letters of request to the FAA and request that TRACON (NORCAL) submit aerodrome remarks to the listed agencies. Submit copies of these requests to the FAA and TRACON (NORCAL) to the CPM.	Letters of Request	At least 60 days prior to the start of operations	4/2/2012	9/13/2011	Complete	Received e-mail confirmation of FAA receipt of Data Change, Aeronautical Charge Change and Terminal Air Chart Change on 9/13/11. Airport Facility Directory (AFD changes accepted and published December 15, 2011.) Received confiramtion that Aeronautical Chart Change for San Francisco Chart was processed on 3/19/12. Debi to follow up with Barry Yurtis for copies of charts for files.
214	TRANS	TRANS-8c	CONS	Pilot Notification and Awareness	A copy of any resulting correspondence shall be submitted to the CPM within 10 days of receipt.	Copies of Correspondence	Within 10 days of receipt	As-needed	NA	Complete	Copies of responses from FAA sent to CEC
215	TRANS	TRANS-8d	CONS	Pilot Notification and Awareness	If a response from any of the agencies is not received within 45 days of the request (or by 15 days prior to the start of operations), follow up with a letter to the respective agency/ies to confirm implementation of the request.	(If Needed)	Within 45 days of submitting the request (or by 15 days prior to the start of operations)	As-needed	NA	Complete	Responses received

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216	TRANS	TRANS-8e	CONS	Pilot Notification and Awareness	Contact the CPM within 72 hours if notified that any or all of the requested notices cannot be implemented. Should this occur, the project owner shall appeal such a determination, consistent with any established appeal process and in consultation with the CPM. A final decision from the jurisdictional agency denying the request, as a result of the appeal process, shall release the project owner from any additional action related to that request and shall be deemed compliance with that portion of this condition.	(If Needed)	Within 72 hours of being notified that any or all of the requested notices cannot be implemented	As-needed	NA	Complete	All requests can be implemented
217	TLSN	TLSN-1	PC	Construct the proposed 230-kV transmission lines according to the requirements of California Public Utility Commission's GO-95, GO-52, GO-131-D, Title 8, and Group 2, High Voltage Electrical Safety Orders, sections 2700 through 2974 of the California Code of Regulations, and PG&E's EMF-reduction guidelines.	At least 30 days before starting the construction of the transmission line or related structures and facilities, submit to the CPM a letter signed by a California registered electrical engineer affirming that the lines will be constructed according to the requirements stated in this condition.	Letter of Confirmation	At least 30 days before starting the upgrade of the transmission line or related structures and facilities	13-Jul-11	14-Jul-11	Complete	
218	TLSN	TLSN-2a	OPS	Use a qualified individual to measure the strengths of the electric and magnetic fields from each line as outlined in this condition. These measurements shall be completed not later than six months after the start of operations.	These measurements shall be completed not later than six months after the start of operations.	--	Within 6 months after the start of operations	11/28/2012		Not Started	
219	TLSN	TLSN-2b	OPS	--	File copies of the post-energization measurements with the CPM within 60 days after completion of the measurements.	Post-energization Measurements	Within 60 days of the post-energization measurements	12/28/2012		Not Started	
220	TLSN	TLSN-3	OPS	The rights-of-way of the proposed transmission lines shall be kept free of combustible material as required under the provisions of section 4292 of the Public Resources Code and section 1250 of Title 14 of the California Code of Regulations.	During the first 5 years of plant operation, provide a summary of inspection results and any fire prevention activities carried out along the right-of-way of the line and provide such summaries in the Annual Compliance Report.	ACR	Annually	On-going	NA	Not Started	
221	TLSN	TLSN-4	CONS	Ensure that all permanent metallic objects within the rights-of-way of the project-related line is grounded according to industry standards.	At least 30 days before the line is energized, transmit to the CPM a letter confirming compliance with this condition.	Letter of Confirmation	At least 30 days before the lines are energized	2/16/2012	3/2/2012	Complete	Approved by CEC on 3/2/12.
222	VIS	VIS-1a	PC	Surface Treatment of Project Structures and Buildings: Color and finish the surfaces of all project structures and buildings visible to the public. Transmission line conductors and insulators shall be non-specular and non-reflective. A surface treatment plan shall be submitted to the CPM for approval that includes measures (A) through (E) of this condition.	At least 45 days prior to applying vendor color(s) and finish(es) for structures or buildings to be surface treated during manufacture, submit the proposed treatment plan to the CPM.	Proposed Surface Treatment Plan	At least 45 days prior to applying vendor color(s) and finish(es) for structures or buildings	Complete	5/9/2011	Complete	

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223	VIS	VIS-1b	CONS	Surface Treatment of Project Structures and Buildings: The applicant shall not request vendor surface treatment of any buildings or structures during their manufacture, or perform final field treatment on any buildings or structures, until the applicant has received treatment plan approval by the CPM.	If the CPM determines that the plan requires revision, provide to the CPM a plan with the specified revision(s) for review and approval by the CPM before any treatment is applied. Any modifications to the treatment plan must be submitted to the CPM for approval.	(If Needed)	Prior to applying any treatment	As-needed	5/9/2011	Complete	Plan approved by CEC
224	VIS	VIS-1c	OPS	Surface Treatment of Project Structures and Buildings: The applicant shall notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection; and shall submit one set of electronic color photographs from KOPs 1 and 3 showing the "as built" surface treated structures and buildings.	Within 90 days after the start of commercial operation, notify the CPM that surface treatment of all listed structures and buildings has been completed and is ready for inspection; and submit one set of electronic color photographs from KOPs 1 and 3 showing the "as built" surface treated structures and buildings.	Notification of surface treatment completion and photographs from KOPs 1 & 3	Within 90 days after the start of operations	8/30/2012		Not Started	
225	VIS	VIS-1d	OPS	Surface Treatment of Project Structures and Buildings: The surface treatment plan shall include a procedure to ensure proper treatment maintenance for the life of the project.	Provide a status report regarding surface treatment maintenance in the Annual Compliance Report. The report shall specify a): the condition of the surfaces of all structures and buildings at the end of the reporting year; b) major maintenance activities that occurred during the reporting year; and c) the schedule of major maintenance activities for the next year.	ACR	Annually	On-going	NA	Not Started	
226	VIS	VIS-2	CONS	Surface Restoration: Remove all evidence of temporary construction activities, and restore the ground surface to the original condition or better including the replacement of any vegetation during construction where project development does not preclude it. Submit to the CPM for approval and implement a surface restoration plan.	At least 60 days prior to the start of commercial operation, submit the surface restoration plan to the CPM for approval.	Surface Restoration Plan	At least 60 days prior to the start of commercial operation	10/31/2011	11/17/2011	approved	VIS-2 plan resubmitted on November 15 and approved on 12/1/11.
227	VIS	VIS-2b	CONS	Surface Restoration	If the CPM notifies the applicant that revisions of the surface restoration plan are needed, within 30 days of receiving that notification submit to the CPM a plan with the specified revisions.	(If Needed)	Within 30 days of receiving notification	11/15/2011	12/1/2011	Complete	
228	VIS	VIS-2c	CONS	Surface Restoration	Complete surface restoration within 60 days after the start of commercial operation. Notify the CPM within seven days after completion of surface restoration that the restoration is ready for inspection.	Notification to CPM	Within 60 days after the start of commercial operation	July 31, 2012		Not started	
229	VIS	VIS-3a	CONS	Construction Activity Lighting: To the extent feasible given safety and security concerns, lighting on the construction site and the construction laydown area shall minimize potential night lighting impacts, as outlined in (A) through (D) of this condition [VIS-3]	Within 7 days after the first use of construction lighting, notify the CPM that the lighting is ready for inspection.	Notification to CPM	Within 7 days after the first use of construction lighting	10/27/2011	10/31/2011	approved	Notice Submitted to CEC on 10/27/11

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230	VIS	VIS-3b	CONS	Construction Activity Lighting	If the CPM notifies the applicant that modifications to the lighting are needed to minimize impacts, within 15 days of receiving that notification implement the necessary modifications and notify the CPM that the modifications have been completed.	(If Needed)	Within 15 days of receiving notification	As-needed	NA	As-needed	
231	VIS	VIS-3c	CONS	Construction Activity Lighting: If the applicant receives a complaint about construction lighting, the applicant shall notify the CPM and shall use the complaint resolution form included in the General Conditions section of the Compliance Plan to record each lighting complaint and to document the resolution of that complaint. The applicant shall provide a copy of each complaint form to the CPM.	Within 48 hours of receiving a lighting complaint, provide to the CPM; a) a report of the complaint, b) a proposal to resolve the complaint, and c) a schedule for implementation of the proposal.	(If Needed)	Within 48 hours of receiving a lighting complaint	As-needed	NA	As-needed	
232	VIS	VIS-3d	CONS	Construction Activity Lighting	Notify the CPM within 48 hours after completing implementation of the proposal to resolve the lighting complaint.	(If Needed)	Within 48 hours of implementing the proposal to resolve a lighting complaint	As-needed	NA	As-needed	
233	VIS	VIS-3e	CONS	Construction Activity Lighting	Provide a copy of the completed complaint resolution form to the CPM in the next Monthly Compliance Report.	(If Needed)	--	As-needed	NA	As-needed	
234	VIS	VIS-4a	PC	Permanent Exterior Lighting: To the extent feasible, consistent with safety and security considerations and commercial availability, design and install all permanent exterior lighting as described in measures (A) through (I) of this condition [VIS-4]. Provide to the CPM a lighting management plan that includes at a minimum the elements described in this condition.	At least 60 days prior to ordering any permanent exterior lighting, submit to the CPM for approval a lighting management plan. If the CPM determines that the lighting management plan requires revision, provide to the CPM a plan with the specified revision(s) for approval. No exterior lighting should be ordered until receiving CPM approval of the lighting management plan.	Lighting Mitigation Plan	At least 60 days prior to ordering any permanent exterior lighting	12/5/11-main site	12/15/2011	Approved	
235	VIS	VIS-4b	CONS	Permanent Exterior Lighting	Prior to commercial operation, notify the CPM that the lighting has been installed and is ready for inspection.	Notification to CPM	Prior to commercial operation	6/1/2012		In Progress	Permanent lighting installation began in March, not yet energized.
236	VIS	VIS-4c	CONS	Permanent Exterior Lighting	If after inspection the CPM notifies the applicant that modifications to the lighting are needed, within 30 days of receiving notification implement the modifications and notify the CPM that the modifications have been completed and are ready for inspection.	(If Needed)	Within 30 days of receiving notification	As-needed	NA	As-needed	
237	VIS	VIS-4d	OPS	Permanent Exterior Lighting: The lighting management plan that includes a process for addressing and mitigating lighting related complaints.	Within 10 days of receiving a project-related lighting complaint, provide the CPM with a complaint resolution form report as specified in the Compliance General Conditions including a proposal to resolve the complaint, and a schedule for implementation.	(If Needed)	Within 10 days of receiving a project-related lighting complaint	As-needed	NA	As-needed	

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238	VIS	VIS-4e	OPS	Permanent Exterior Lighting	Notify the CPM within 10 days after completing implementation of the proposal.	(If Needed)	Within 10 days of implementing a proposal to resolve a lighting complaint	As-needed	NA	As-needed	
239	VIS	VIS-4f	OPS	Permanent Exterior Lighting	A copy of the complaint resolution form report shall be submitted to the CPM within 30 days of complaint resolution.	(If Needed)	Within 30 days of complaint resolution	As-needed	NA	As-needed	
240	VIS	VIS-5a	CONS	Publicly Visible Project-Related Signage: Any publicly visible signage shall be the minimal signage visible to the public, and shall follow (a) and (b) of this condition [VIS-5]. The design of any signs required by safety regulations shall conform to the criteria established by those regulations. The applicant shall submit a sign plan for publicly visible signs for the project to the Director of the Alameda County Community Development Agency Planning Department for comment and to the CPM for approval. The applicant shall not implement the plan until the applicant receives approval of the submittal from the CPM.	At least 30 days prior to installing publicly visible signs, submit a sign plan for the project to the Director of the Alameda County Community Development Agency Planning Department for comment and to the CPM for approval. Provide a copy of the Director of the Alameda County Community Development Agency Planning Department comments to the CPM.	Sign Plan & County Comments	At least 30 days prior to installing publicly visible signs	3/16/2012		In-progress	Obtained list of Alameda County code requirements on signs for information.
241	VIS	VIS-5b	CONS	Publicly Visible Project-Related Signage	If the CPM determines that the sign plan requires revision, provide to the CPM a plan with the specified revision(s) for approval by the CPM before any signage visible to the public is installed.	(If Needed)	Prior to installing signage visible to the public	As-needed	NA	As-needed	
242	VIS	VIS-5C	CONS	Publicly Visible Project-Related Signage	Inform the CPM that the publicly visible signs have been installed and provide the CPM with electronic color photographs of the installed signage.	Notification of installation & photographs	?	TBD		Not Started	
243	VIS	VIS-6a	CONS	Landscaping: Provide a comprehensive landscaping and irrigation plan, as described in this condition [VIS-6]. Landscaping shall be installed or bonded prior to the start of commercial operation. In no event shall landscaping be installed any later than 6 months after the start of commercial operation. The applicant shall not implement the landscaping and irrigation plan until the applicant receives approval from the CPM. Planting must be completed or bonded by the start of commercial operation, and the planting must occur during the optimal planting season, but not later than 6 months after the start of commercial operation.	Prior to commercial operation and at least 60 days prior to installing the landscaping, provide a copy of the landscaping and irrigation plan to the Director of the Alameda County Community Development Agency Planning Department for review and to the CPM for approval. Provide to the CPM a copy of the transmittal letter submitted to the Director of the Alameda County Community Development Agency Planning Department requesting their review.	Landscaping & Irrigation Plan / County Transmittal Letter & Comments	Prior to commercial operation and at least 60 days prior to installing the landscaping	2/29/2012		Submitted to Alameda County on 2/29/12 for review and approval, CEC copied	CEC approved the plan, Alameda County gave feedback on April 25th that the plan needed taller trees for screening. MEP and CEC working on revision acceptable to CEC Biologists.

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244	VIS	VIS-6b	CONS	Landscaping: Provide a comprehensive landscaping and irrigation plan, as described in this condition [VIS-6]. Landscaping shall be installed or bonded prior to the start of commercial operation. The applicant shall not implement the landscaping and irrigation plan until the applicant receives approval from the CPM. Planting must be completed by the start of commercial operation, and the planting must occur during the optimal planting season.	Notify the CPM within 7 days after completing installation of the landscaping and irrigation that the landscaping and irrigation is ready for inspection.	Notification to CPM	Within 7 days after completing installation of the landscaping and irrigation	6/1/2012		Not Started	James to find a local landscaper to the do the work
245	VIS	VIS-6c	OPS	Landscaping	The Applicant shall replace dead or dying plantings (plants and trees) listed or shown in the approved landscaping and irrigation plan for the project, annually at the least (e.g., start of Spring), for the life of the project.	Additional Plantings	Annually/As-Needed	As-needed	NA	As-needed	
246	WASTE	WASTE-1	PC	Provide the resume of an experienced and qualified Professional Engineer or Professional Geologist, who shall be available for consultation during site characterization (if needed), excavation and grading activities, to the CPM for review and approval. The resume shall show experience in remedial investigation and feasibility studies. The Professional Engineer or Professional Geologist shall be given full authority by the project owner to oversee any earth moving activities that have the potential to disturb contaminated soil.	At least 30 days prior to the start of site mobilization, submit the resume of the Professional Engineer or Professional Geologist to the CPM for review and approval.	Professional Engineer / Geologist Resume	At least 30 days prior to the start of site mobilization	Complete	3/11/2011	Complete	
247	WASTE	WASTE-2a	CONS	If potentially contaminated soil is identified, the Professional Engineer or Geologist shall inspect the site, determine the need for sampling, and provide a written report to the project owner, representatives of Department of Toxic Substances Control, and the CPM stating the recommended course of action.	Submit any final reports filed by the Professional Engineer or Professional Geologist to the CPM within 5 days of their receipt.	(If Needed)	Within 5 days of receiving any reports filed by the Professional Engineer or Geologist	As-needed	NA	As-needed	
248	WASTE	WASTE-2b	CONS	The Professional Engineer or Geologist shall have the authority to temporarily suspend construction activity at that location for the protection of workers or the public. If, in the opinion of the Professional Engineer or Professional Geologist, significant remediation may be required, the project owner shall contact the CPM and representatives of the Department of Toxic Substances Control for guidance and possible oversight.	Notify the CPM within 24 hours of any orders issued to halt construction.	(If Needed)	Within 24 hours of any orders issued to halt construction	As-needed	NA	As-needed	

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249	WASTE	WASTE-3	PC	Obtain a hazardous waste generator identification number from the USEPA prior to generating any hazardous waste during construction and operations.	Keep a copy of the identification number on file at the project site and provide the number to the CPM in the next Monthly Compliance Report.	USEPA Haz Waste Generator ID Number	Prior to generating any hazardous waste	Complete	4/4/2011	Complete	
250	WASTE	WASTE-4	CONS	Upon becoming aware of any impending waste management-related enforcement action, notify the CPM of any such action taken or proposed to be taken against the project itself, or against any waste hauler or disposal facility or treatment operator with which the owner contracts.	Notify the CPM in writing within 10 days of becoming aware of an impending enforcement action. The CPM shall notify the project owner of any changes that will be required in the way project-related wastes are managed.	(If Needed)	Within 10 days of becoming aware of an impending enforcement action	As-needed	NA	As-needed	
251	WASTE	WASTE-5	PC	Prepare a Construction Waste Management Plan for all wastes generated during construction of the facility, and submit the plan to the CPM for review and approval. The plan shall contain, at a minimum, the elements listed in this condition [WASTE-5].	Submit the Construction Waste Management Plan to the CPM for approval no less than 30 days prior to the initiation of construction activities at the site.	Construction Waste Management Plan	At least 30 calendar days prior to start of construction	Complete	5/4/2011	Complete	
252	WASTE	WASTE-6a	CONS	Prepare an Operation Waste Management Plan for all wastes generated during operation of the facility, and shall submit the plan to the CPM for review and approval. The plan shall contain, at a minimum, the elements listed in this condition [WASTE-6].	Submit the Operation Waste Management Plan to the CPM for approval no less than 30 days prior to the start of project operation. Submit any required revisions to the CPM within 20 days of notification from the CPM that revisions are necessary.	Operation Waste Management Plan	At least 30 days prior to the start of operation	3/13/2012		Submitted to CEC on 3/13/12 for approval	
253	WASTE	WASTE-6b	OPS	Operation Waste Management Plan	Document in each Annual Compliance Report the actual volume of wastes generated and the waste management methods used during the year; provide a comparison of the actual waste generation and management methods used to those proposed in the original Operation Waste Management Plan; and update the Operation Waste Management Plan as necessary to address current waste generation and management practices.	ACR	Annually	On-going	NA	Not Started	
254	WASTE	WASTE-7	CONS	All spills or releases of hazardous substances, materials, or waste shall be reported, cleaned-up, and remediated as necessary, in accordance with all applicable federal, state, and local requirements.	Document, as described in this condition [WASTE-7] all unauthorized releases and spills of hazardous substances, materials, or wastes that occur on the project property or related pipeline and transmission corridors. Copies of the unauthorized spill documentation shall be provided to the CPM within 30 days of the date the release was discovered.	(If Needed)	Within 30 days of the date the release was discovered	As-needed		In-progress	

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255	WORKER SAFETY	WORKER SAFETY-1	PC	Submit to the CPM the Project Construction Safety and Health Program containing the elements listed in this condition [WORKER SAFETY-1]. The Personal Protective Equipment Program, the Exposure Monitoring Program, and the Injury and Illness Prevention Program shall be submitted to the CPM for review and approval. The Construction Emergency Action Plan and the Fire Prevention Plan shall be submitted to the Alameda County Fire Department for review and comment prior to submittal to the CPM for approval.	At least 30 days prior to the start of construction, the project owner shall submit to the CPM for review and approval a copy of the Project Construction Safety and Health Program. Provide a copy of a letter to the CPM from the Alameda County Fire Department stating the fire department's comments on the Construction Fire Prevention Plan and Emergency Action Plan.	Construction Health & Safety Program w/Fire Department Comments on EAP/FPP	At least 30 calendar days prior to start of construction	Partial Complete	5/16/2011 and 1/9/12	approved	PG&E plan submitted and approved on 11/29/11
256	WORKER SAFETY	WORKER SAFETY-2	CONS	Submit to the CPM the Project Operations and Maintenance Safety and Health Program containing the elements listed in this condition [WORKER SAFETY-2]. The Operation Injury and Illness Prevention Plan, Emergency Action Plan, and Personal Protective Equipment Program shall be submitted to the CPM for review and comment concerning compliance of the programs with all applicable safety orders. The Fire Prevention Plan and the Emergency Action Plan shall also be submitted to the Alameda County Fire Department for review and comment.	At least 30 days prior to the start of first-fire or commissioning, submit to the CPM for approval a copy of the Project Operations and Maintenance Safety and Health Program. Provide a copy of a letter to the CPM from the Alameda County Fire Department stating the fire department's comments on the Operations Fire Prevention Plan and Emergency Action Plan.	Operation Health & Safety Program w/Fire Department Comments on EAP/FPP	At least 30 days prior to the start of first-fire or commissioning	3/5/2012		submitted to CEC and Alameda County Fire on 3/5/12	
257	WORKER SAFETY	WORKER SAFETY-3a	PC	Provide a site Construction Safety Supervisor (CSS) who is qualified as specified in this condition [WORKER SAFETY-3]. The CSS shall perform the duties listed in this condition.	At least 30 days prior to the start of construction, submit to the CPM the name and contact information for the CSS.	CSS Name/Contact	At least 30 calendar days prior to start of construction	Partial Complete	5/16/2011 and 1/9/12	Approved	CSS for LG, Tidelands and PG&E submitted.
258	WORKER SAFETY	WORKER SAFETY-3b	CONS	Construction Safety Supervisor (CSS)	The CSS shall submit in the Monthly Compliance Report a monthly safety inspection report to include the elements listed in this condition. The contact information of any replacement CSS shall be submitted to the CPM within one business day.	MCR	Monthly	On-going	NA	In-progress	
259	WORKER SAFETY	WORKER SAFETY-4	PC	Make payments to the Chief Building Official (CBO) for the services of a Safety Monitor. Those services shall be in addition to other work performed by the CBO. The Safety Monitor shall be responsible for the duties listed in this condition [WORKER SAFETY-4].	Prior to the start of construction, provide proof of agreement to fund the Safety Monitor services to the CPM for review and approval.	Proof of Agreement w/CBO for Safety Monitor	Prior to construction	Complete	5/16/2011	Complete	
260	WORKER SAFETY	WORKER SAFETY-5	PC	A portable automatic external defibrillator (AED) shall be located on site during demolition, construction, and operations and a training program shall be implemented, as described in this condition [WORKER SAFETY-5]. The training program shall be submitted to the CPM for review and approval.	At least 30 days prior to the start of construction, submit to the CPM proof that a portable AED exists on site and a copy of the training and maintenance program for review and approval.	Proof of AED and Training Program	At least 30 calendar days prior to start of construction	Complete	5/16/2011	Complete	

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261	WORKER SAFETY	WORKER SAFETY-6	OPS	The project owner shall provide a $70,000 payment to the Tracy Fire Department prior to the start of commercial operation. This funding shall fully compensate Tracy Fire for any services it may be called to provide the Project over the life of the Project.	At least five (5) days prior to the start of commercial operation the project owner shall provide documentation of the payment described above to the CPM.	Statement of Verification	5 days prior to COD	6/1/2012		Not Started	
262	GEN	GEN-1a	CONS	The LORS listed in this condition [GEN-1] shall be enforced during the design, construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility. Submit plans, calculations and other related documents that have been specifically developed for the MEP.	Five days prior to requesting the issuance of the certificate of occupancy, submit to the CPM and the CBO a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation, and inspection requirements of the applicable LORS and the Energy Commission's decision have been met.	Statement of Design Verification	Five days prior to requesting the issuance of the certificate of occupancy	4/29/2012		Not Started	
263	GEN	GEN-1b	CONS	The LORS listed in this condition [GEN-1] shall be enforced during the design, construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility. Submit plans, calculations and other related documents that have been specifically developed for the MEP.	Provide the CPM a copy of the certificate of occupancy within 30 days of receipt from the CBO.	Certificate of Occupancy	Within 30 days of receiving the certificate of occupancy	6/13/2012		Not Started	
264	GEN	GEN-1c	OPS	The LORS listed in this condition [GEN-1] shall be enforced during the design, construction, addition, alteration, moving, demolition, repair, or maintenance of the completed facility. Submit plans, calculations and other related documents that have been specifically developed for the MEP.	Once the certificate of occupancy has been issued, inform the CPM at least 30 days prior to any construction, addition, alteration, moving, demolition, repair, or maintenance to be performed on any portion(s) of the completed facility that requires CBO approval for compliance with the above codes. The CPM will then determine if the CBO needs to approve the work.	Notification to CPM	At least 30 days prior to any work on the completed facility that requires CBO approval	TBD		Not Started	
265	GEN	GEN-2a	CONS	Before submitting the initial engineering designs for CBO review, provide the CPM and the CBO with a schedule of facility design submittals, and master drawings and master specifications list, as specified in this condition [GEN-2]. To facilitate audits by Energy Commission staff, provide specific packages to the CPM upon request. In addition to the design submittals referenced above, plans and calculations for all construction work shall be submitted to the CBO for approval.	At least 60 days (or a project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO and to the CPM the schedule, and the master drawings and master specifications list of documents to be submitted to the CBO for review and approval. These documents shall be the pertinent design documents for the major structures, systems, and equipment defined in this condition. Major structures and equipment shall be added to or deleted from the list only with CPM approval.	Schedule, Master Drawings & Specifications Lists	At least 60 days prior to the start of rough grading	6/22/2011	7/1/2011	Complete	Master drawing and specification list submitted and approved 7/1/11. Update submitted 7/18/11.

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266	GEN	GEN-2b	CONS	Schedule of facility design submittals	Provide schedule updates in the monthly compliance report.	MCR	Monthly	On-going	NA	In-progress	
267	GEN	GEN-3	PC	Make payments to the CBO for design review, plan checks, and construction inspections.	A copy of the contract between the project owner and the CBO shall be submitted to the CPM. The project owner shall make the required payments to the CBO in accordance with the agreement. The project owner shall send a copy of the CBO's receipt of payment to the CPM in the next monthly compliance report indicating that applicable fees have been paid.	Copy of CBO Contract / Receipt of Payment	In accordance with the agreement	Complete	3/16/2011	Complete	BV Sign Off
268	GEN	GEN-4a	PC	Prior to the start of rough grading, assign a California- registered architect, or a structural or civil engineer, as the resident engineer (RE) in charge of the project. The RE or his/her delegate(s) shall be responsible for the elements listed in this condition [GEN-4].	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO for review and approval, the resume and registration number of the RE and any other delegated engineers assigned to the project.	RE Resume & Registration Number	At least 30 days prior to the start of rough grading	Complete	3/16/2011 4/27/11	Complete	BV Sign Off
269	GEN	GEN-4b	CONS	--	Notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within 5 days of the approval.	Notification to CPM	Within 5 days of receiving the approval	As-needed	NA	As-needed	BV Sign Off (original submittals (GEN-4a) were submitted prior to the start of construction, future submittals will be "as-needed" - see GEN-4c
270	GEN	GEN-4c	CONS	If the RE or the delegated engineers are reassigned or replaced, the project owner shall submit the name, qualifications and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer.	If the RE or the delegated engineer(s) is subsequently reassigned or replaced, the project owner has five days to submit the resume and registration number of the newly assigned engineer to the CBO for review and approval.	(If Needed)	Within 5 days of replacing the RE or delegated engineer(s)	As-needed	NA	As-needed	
271	GEN	GEN-5a	PC	Prior to rough grading and prior to construction, assign at least one of each of the California registered engineers listed in this condition [GEN-5] to the project. The duties of the engineers are outlined in this condition.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of rough grading, submit to the CBO for review and approval, resumes and registration numbers of the responsible civil engineer, soils (geotechnical) engineer, engineering geologist, responsible design engineer, mechanical engineer, and electrical engineer assigned to the project.	Engineer Resumes	At least 30 days prior to the start of rough grading	Complete	4/14/2011	Complete	BV Sign Off
272	GEN	GEN-5b	CONS	--	Notify the CPM of the CBO's approvals of the responsible engineers within five days of the approval.	Notification to CPM	Within 5 days of the approval	As-needed	NA	As-needed	BV Sign Off (original submittals (GEN-5a) were submitted prior to the start of construction, future submittals will be "as-needed" - see GEN-5c

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273	GEN	GEN-5c	CONS	--	If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the resume and registration number of the newly assigned engineer to the CBO for review and approval. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.	(If Needed)	Within 5 days of replacing the designated engineer	As-needed	NA	As-needed	
274	GEN	GEN-6a	CONS	Prior to the start of an activity requiring special inspection, assign to the project, qualified and certified special inspector(s) The special inspector(s) shall perform the duties outlined in this condition [GEN-6].	At least 15 days (or project owner- and CBO-approved alternative time frame) prior to the start of an activity requiring special inspection, submit to the CBO for review and approval, with a copy to the CPM, the name(s) and qualifications of the certified weld inspector(s), or other certified special inspector(s) assigned to the project to perform one or more of the duties set forth in this condition.	Name/Quals of Special Inspector	At least 15 days prior to the start of an activity requiring special inspection	As-needed	NA	As-needed	
275	GEN	GEN-6b	CONS	--	Submit to the CPM a copy of the CBO's approval of the qualifications of all special inspectors in the next monthly compliance report.	MCR	MCR following approval of special inspectors	On-going	NA	In-progress	
276	GEN	GEN-6c	CONS	--	If the special inspector is subsequently reassigned or replaced, the project owner has five days in which to submit the name and qualifications of the newly assigned special inspector to the CBO for approval. Notify the CPM of the CBO's approval of the newly assigned inspector within five days of the approval.	(If Needed)	Within 5 days of replacing the special inspector	As-needed	NA	As-needed	
277	GEN	GEN-7	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition and, if appropriate, applicable sections of the CBC and/or other LORS.	Transmit a copy of the CBO's approval of any corrective action taken to resolve a discrepancy to the CPM in the next monthly compliance report. If any corrective action is disapproved, the project owner shall advise the CPM, within five days, of the reason for disapproval and the revised corrective action to obtain CBO's approval.	(If Needed)	MCR following corrective action	As-needed	NA	As-needed	

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278	GEN	GEN-8a	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, document the discrepancy and recommend required corrective actions. The discrepancy documentation shall be submitted to the CBO for review and approval. The discrepancy documentation shall reference this condition and, if appropriate, applicable sections of the CBC and/or other LORS.	Within 15 days of the completion of any work, submit to the CBO, with a copy to the CPM, in the next monthly compliance report, (a) a written notice that the completed work is ready for final inspection, and (b) a signed statement that the work conforms to the final approved plans.	MCR	Within 15 days of the completion of any work	On-going	NA	In-progress	
279	GEN	GEN-8b	CONS	--	After storing the final approved engineering plans, specifications, and calculations described above, submit to the CPM a letter stating both that the above documents have been stored and the storage location of those documents.	Notification to CPM	After storing the final approved engineering plans, specifications, and calculations	TBD		Not Started	
280	GEN	GEN-8c	CONS	--	Within 90 days of the completion of construction, provide to the CBO three sets of electronic copies of the above documents at the project owner's expense. These are to be provided in the form of "read only" (Adobe) files, with restricted (password-protected) printing privileges, on archive quality compact discs.	Copies of approved plans/specs/calcs/as-builts	Within 90 days of the completion of construction	8/29/2012		Not Started	
281	CIVIL	CIVIL-1a	CONS	Submit to the CBO for review and approval the drainage and grading design, erosion & sediment control plan, SWPPP, related calculations & specifications, and the soils, geotechnical, or foundation reports.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of site grading, submit the documents described in this condition to the CBO for design review and approval.	Drainage & grading design / DESCP / SWPPP / related calcs & specs / soils, geotechnical, or foundation reports	At least 30 days prior to the start of site grading	On-going	5/19/2011 Updated Plan submitted 6/27/11	Complete	
282	CIVIL	CIVIL-1b	CONS	--	In the next monthly compliance report following the CBO's approval, the project owner shall submit a written statement certifying that the documents have been approved by the CBO.	MCR	MCR following approval of documents described in CIVIL-1	On-going	8/24/2011	Complete	

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283	CIVIL	CIVIL-2	CONS	The resident engineer shall, if appropriate, stop all earthwork and construction in the affected areas when the responsible engineer identifies unforeseen adverse soil or geologic conditions. Submit modified plans, specifications, and calculations to the CBO based on these new conditions, and obtain approval from the CBO before resuming work.	The project owner shall notify the CPM within 24 hours, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions. Within 24 hours of the CBO's approval to resume earthwork and construction in the affected areas, provide to the CPM a copy of the CBO's approval.	(If Needed)	Within 24 hours of work stopped	As-needed	NA	As-needed	
284	CIVIL	CIVIL-3a	CONS	Perform inspections in accordance with the CBC, and this condition [CIVIL-3]. If it is discovered that the work is not being performed in accordance with the approved plans, the discrepancies shall be reported immediately to the resident engineer, the CBO, and the CPM. Prepare a written report, with copies to the CBO and the CPM, detailing all discrepancies, non-compliance items, and the proposed corrective action.	Within five days of the discovery of any discrepancies, the resident engineer shall transmit to the CBO and the CPM a non-conformance report (NCR), and the proposed corrective action for review and approval. Within five days of resolution of the NCR, submit the details of the corrective action to the CBO and the CPM.	(If Needed)	Within five days of the discovery of any discrepancies	As-needed	NA	As-needed	
285	CIVIL	CIVIL-3b	CONS	--	A list of NCRs, for the reporting month, shall be included in the following monthly compliance report.	(If Needed)	MCR following resolution of NCR	As-needed	NA	As-needed	
286	CIVIL	CIVIL-4a	CONS	After completion of finished grading and erosion and sedimentation control and drainage work, obtain the CBO's approval of the final grading plans (including final changes) for the erosion and sedimentation control work. The civil engineer shall state that the work within his/her area of responsibility was done in accordance with the final approved plans.	Within 30 days (or project owner- and CBO-approved alternative time frame) of the completion of the erosion and sediment control mitigation and drainage work, submit to the CBO, for review and approval, the final grading plans (including final changes) and the responsible civil engineer's signed statement that the installation of the facilities and all erosion control measures were completed in accordance with the final approved combined grading plans, and that the facilities are adequate for their intended purposes, along with a copy of the transmittal letter to the CPM.	Final Grading Plans / Signed statement from Civil Engineer	Within 30 days of the completion of the erosion and sediment control mitigation and drainage work	7/14/2012		Not Started	
287	CIVIL	CIVIL-4b	CONS	--	Submit a copy of the CBO's approval to the CPM in the next monthly compliance report.	MCR	MCR following completion of the erosion and sediment control mitigation and drainage work	6/28/2012		Not Started	
288	STRUC	STRUC-1a	PC	Prior to the start of any increment of construction, submit plans, calculations and other supporting documentation, as described in this condition [STRUC-1] to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list.	At least 60 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list, submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.	Final Design Plans, Specs & Calcs with Transmittal Letter	At least 60 days prior to the start of any increment of construction of listed component in the CBO-approved master drawing and specifications list	Complete	5/19/2011	Complete	BV Sign Off - Preconstruction submittals complete. Additional submittals addressed under STRUC-1b

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289	STRUC	STRUC-1b	CONS	Prior to the start of any increment of construction, submit plans, calculations and other supporting documentation, as described in this condition [STRUC-1] to the CBO for design review and acceptance for all project structures and equipment identified in the CBO-approved master drawing and master specifications list.	At least 60 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of construction of any structure or component listed in the CBO-approved master drawing and master specifications list, submit to the CBO the above final design plans, specifications and calculations, with a copy of the transmittal letter to the CPM.	Final Design Plans, Specs & Calcs with Transmittal Letter	At least 60 days prior to the start of any increment of construction of listed component in the CBO-approved master drawing and specifications list	On-going	NA	In-progress	
290	STRUC	STRUC-1c	CONS	--	Submit to the CPM, in the next monthly compliance report, a copy of a statement from the CBO that the proposed structural plans, specifications, and calculations have been approved and comply with the requirements set forth in applicable engineering LORS.	MCR	In the following MCR	On-going	NA	In-progress	
291	STRUC	STRUC-2a	CONS	Submit to the CBO the required number of sets of the documents listed in this condition [STRUC-2] related to work that has undergone CBO design review and approval: Concrete cylinder strength test reports; Concrete pour sign-off sheets; Bolt torque inspection reports; Field weld inspection reports; and Reports covering other structural activities requiring special inspections.	--	See condition text for document list	On a schedule suitable to the CBO	On-going	NA	In-progress	
292	STRUC	STRUC-2b	CONS	--	If a discrepancy is discovered in the data listed in this condition, within five days, prepare and submit an NCR describing the nature of the discrepancies and the proposed corrective action to the CBO, with a copy of the transmittal letter to the CPM. The NCR shall reference the condition(s) and the applicable CBC chapter and section.	(If Needed)	Within 5 days of discovering a discrepancy	As-needed	NA	As-needed	
293	STRUC	STRUC-2c	CONS	--	Within five days of resolution of the NCR, submit a copy of the corrective action to the CBO and the CPM.	(If Needed)	Within five days of resolution of the NCR	As-needed	NA	As-needed	
294	STRUC	STRUC-2d	CONS	--	The project owner shall transmit a copy of the CBO's approval or disapproval of the corrective action to the CPM within 15 days. If disapproved, the project owner shall advise the CPM, within five days, the reason for disapproval, and the revised corrective action to obtain CBO's approval.	(If Needed)	Within 15 days of receiving approval or disapproval	As-needed	NA	As-needed	

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295	STRUC	STRUC-3a	CONS	Submit to the CBO design changes to the final plans required by the CBC, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give to the CBO prior notice of the intended filing.	On a schedule suitable to the CBO, notify the CBO of the intended filing of design changes, and submit the required number of sets of revised drawings and the required number of copies of the other above-mentioned documents to the CBO, with a copy of the transmittal letter to the CPM.	(If Needed)	On a schedule suitable to the CBO	As-needed	NA	As-needed	
296	STRUC	STRUC-3b	CONS	--	Notify the CPM, via the monthly compliance report, when the CBO has approved the revised plans.	(If Needed)	In the following MCR	As-needed	NA	As-needed	
297	STRUC	STRUC-4a	CONS	Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in the CBC shall, at a minimum, be designed to comply with the requirements of that chapter.	At least 30 days (or project owner- and CBO-approved alternate time frame) prior to the start of installation of the tanks or vessels containing the specified quantities of toxic or hazardous materials, submit to the CBO for design review and approval final design plans, specifications, and calculations, including a copy of the signed and stamped engineer's certification.	Final design plans, Specs & Calcs Engineer certification	At least 30 days prior to the start of installation of the tanks or vessels	11/25/2011	12/6/2011	COMPLETE	Specifications submitted and approved by CBO on 5/12/2011. Tank drawings submitted to CBO on 10/7/11 under Struc-1-10.2 and approved on 11/15/11. Package resubmitted under STRUC-4 on 11/25/11. Approved on 12/6/11.
298	STRUC	STRUC-4b	CONS	--	Send copies of the CBO approvals of plan checks to the CPM in the following monthly compliance report. The project owner shall also transmit a copy of the CBO's inspection approvals to the CPM in the monthly compliance report following completion of any inspection.	MCR	In the following MCR	On-going	NA	Not Started	
299	MECH	MECH-1a	CONS	Submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed. Upon completion of construction of any such system, request the CBO's inspection. The responsible mechanical engineer shall stamp and sign all plans, drawings, and calculations for the major piping and plumbing systems, subject to CBO design review and approval, and submit a signed statement to the CBO when the proposed piping and plumbing systems have been designed, fabricated, and installed in accordance with all of the applicable LORS.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of any increment of major piping or plumbing construction listed in the CBO-approved master drawing and master specifications list, submit to the CBO for design review and approval the final plans, specifications, and calculations, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with applicable LORS, and send the CPM a copy of the transmittal letter in the next monthly compliance report.	Final design plans, Specs & Calcs Engineer certification w/ transmittal to CPM	At least 30 days prior to the start of any increment of major piping or plumbing construction listed in the CBO-approved master drawing and specifications list	TBD		In-progress	

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300	MECH	MECH-1b	CONS	--	Transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's inspection approvals.	MCR	In the following MCR	On-going		In-Progress	
301	MECH	MECH-2a	CONS	For all pressure vessels installed in the plant, submit to CBO and Cal-OSHA, prior to operation, the code certification papers and other documents required by applicable LORS. Upon completion of the installation of any pressure vessel, request the appropriate CBO and/or Cal-OSHA inspection of that installation.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of on-site fabrication or installation of any pressure vessel, submit to the CBO for design review and approval, the documents listed in this condition, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	See condition text for document list	At least 30 days prior to the start of on-site fabrication or installation of any pressure vessel	TBD		In-progress	
302	MECH	MECH-2b	CONS	--	Transmit to the CPM, in the monthly compliance report following completion of any inspection, a copy of the transmittal letter conveying the CBO's and/or Cal-OSHA inspection approvals.	MCR	In the following MCR	On-going	NA	In-progress	
303	MECH	MECH-3a	CONS	Submit to the CBO for design review and approval, specifications, calculations, and quality control procedures for any heating, ventilating, air conditioning (HVAC) or refrigeration system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets. Design and install all HVAC and refrigeration systems in accordance with applicable codes. Upon completion of any increment of construction, request the CBO's inspection. The final plans, specifications and calculations shall include approved criteria, assumptions, and methods. In addition, the responsible mechanical engineer shall sign and stamp all plans, drawings and calculations and submit a signed statement to the CBO that the proposed final design plans, specifications and calculations conform with the applicable LORS.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of construction of any HVAC or refrigeration system, submit to the CBO the required HVAC and refrigeration calculations, plans, and specifications, including a copy of the signed and stamped statement from the responsible mechanical engineer certifying compliance with the CBC and other applicable codes, with a copy of the transmittal letter to the CPM.	HVAC & refrigeration calcs, plans, and specs / ME statement / Transmittal to CPM	At least 30 days prior to the start of construction of any HVAC or refrigeration system	TBD		In-progress	
304	MECH	MECH-3b	CONS	--	Copy of the transmittal letter to the CPM in the following MCR.	MCR	In the following MCR	As-needed	NA	As-needed	

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305	ELEC	ELEC-1a	CONS	Prior to the start of any increment of electrical construction for electrical equipment and systems 480 Volts or higher, submit, for CBO design review and approval, the proposed final design, specifications, and calculations. Upon approval, the above listed plans, together with design changes and design change notices, shall remain on the site or at another accessible location for the operating life of the project. Request that the CBO inspect the installation to ensure compliance with the requirements of applicable LORS.	At least 30 days (or project owner- and CBO-approved alternative time frame) prior to the start of each increment of electrical construction, submit to the CBO for design review and approval the documents listed in this condition. Include a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and send the CPM a copy of the transmittal letter in the next monthly compliance report.	Final design, specs, & calcs / RE Statement / Transmittal to CPM	At least 30 days prior to the start of each increment of electrical construction	TBD		In-progress	
306	ELEC	ELEC-1b	CONS	--	Send the CPM a copy of the transmittal letter in the next monthly compliance report.	MCR	In the following MCR	As-needed	NA	As-needed	
307	PAL	PAL-1a	PC	Provide the CPM with the resume and qualifications of the PRS for review and approval. The PRS and Paleontological Resource Monitors (PRMs) shall meet the minimum qualifications described in this condition [PAL-1].	At least 60 days prior to the start of ground disturbance, submit a resume and statement of availability of its designated PRS for on-site work.	PRS Resume & Statement of Availability	At least 60 days prior to the start of ground disturbance	Complete	4/6/2011 4/15/11	Complete	
308	PAL	PAL-1b	PC	Ensure that the PRS obtains qualified PRMs to monitor as he or she deems necessary on the project. Paleontological Resource Monitors shall have the equivalent of the qualifications described in this condition [PAL-1].	At least 20 days prior to ground disturbance, provide a letter with resumes naming anticipated monitors, stating that the identified monitors meet the minimum qualifications for paleontological resource monitoring required by the condition.	PRM Resumes & Quals	At least 20 days prior to ground disturbance	Complete	5/4/2011	Complete	
309	PAL	PAL-1c	CONS	If a PRM is replaced, the resume of the replacement PRM shall also be provided to the CPM. Keep resumes on file for qualified PRM.	If additional monitors are obtained during the project, provide additional letters and resumes to the CPM. The letter shall be provided to the CPM no later than one week prior to the monitor's beginning on-site duties.	(If Needed)	At least 1 week prior to the monitor beginning duties	As-needed	NA	As-needed	
310	PAL	PAL-1d	CONS	If the approved PRS is replaced, obtain CPM approval of the replacement PRS.	Prior to the termination or release of a PRS, submit the resume of the proposed new PRS to the CPM for review and approval.	(If Needed)	Prior to the termination or release of a PRS	As-needed	NA	As-needed	
311	PAL	PAL-2a	PC	Provide to the PRS and the CPM, for approval, maps and drawings showing the footprint of the project, as described in this condition [PAL-2]. If construction of the project proceeds in phases, maps and drawings may be submitted prior to the start of each phase. A letter identifying the proposed schedule of each project phase shall be provided to the PRS and CPM. The PRS or PRM shall consult weekly with the project superintendent or construction field manager to confirm area(s) to be worked the following week.	At least 30 days prior to the start of ground disturbance, provide the maps and drawings to the PRS and CPM.	Maps and drawings	At least 30 days prior to the start of ground disturbance	Complete	5/11/2011	Complete	

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312	PAL	PAL-2b	CONS	If the footprint of the project or its linear facilities change, the project owner shall provide maps and drawings reflecting those changes to the PRS and CPM.	If there are changes to the footprint of the project, revised maps and drawings shall be provided to the PRS and CPM at least 15 days prior to the start of ground disturbance.	(If Needed)	At least 15 days prior to the start of ground disturbance	As-needed	NA	As-needed	
313	PAL	PAL-2c	CONS	Before work commences on affected phases, the project owner shall notify the PRS and CPM of any construction phase scheduling changes.	If there are changes to the scheduling of the construction phases, submit a letter to the CPM within 5 days of identifying the changes.	(If Needed)	Within 5 days of identifying the changes	As-needed	NA	As-needed	
314	PAL	PAL-3	PC	A paleontological resources monitoring and mitigation plan (PRMMP) shall be include elements (1) through (10) as specified in this condition [PAL-3] and submitted to the CPM for review and approval to identify general and specific measures to minimize potential impacts to significant paleontological resources. Copies of the PRMMP shall reside with the PRS, each monitor, the project owner's on-site manager, and the CPM.	At least 30 days prior to ground disturbance, provide a copy of the PRMMP to the CPM. The PRMMP shall include an affidavit of authorship by the PRS, and acceptance of the PRMMP by the project owner evidenced by a signature.	PRMMP	At least 30 days prior to ground disturbance	Complete	5/12/2011	Complete	Revised PRMMP submitted on 6/21/11
315	PAL	PAL-4a	PC	WEAP: Prior to ground disturbance and for the duration of construction activities involving ground disturbance, as described in this condition [PAL-4], prepare and conduct weekly CPM-approved paleontological resources training for the workers specified in this condition. The training shall include elements (1) through (7) of this condition.	At least 30 days prior to ground disturbance, submit the proposed WEAP, including the brochure, with the set of reporting procedures for workers to follow. At least 30 days prior to ground disturbance, the project owner shall submit the training program presentation/materials to the CPM for approval if the project owner is planning to use a presentation format other than an in-person trainer for training.	Proposed WEAP & training materials	At least 30 days prior to ground disturbance	Complete	4/5/2011 5/16/11	Complete	
316	PAL	PAL-4b	CONS	WEAP TRAINING	If the owner requests an alternate paleontological trainer, the resume and qualifications of the trainer shall be submitted to the CPM for review and approval prior to installation of an alternate trainer. Alternate trainers shall not conduct training prior to CPM authorization.	(If Needed)	Prior to installation of an alternate trainer	As-needed	NA	As-needed	
317	PAL	PAL-4c	CONS	WEAP TRAINING	In the MCR, provide copies of the WEAP certification of completion forms with the names of those trained and the trainer or type of training (in-person or other approved presentation format) offered that month. The MCR shall also include a running total of all persons who have completed the training to date.	MCR	Monthly	On-going	NA	In-progress	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
318	PAL	PAL-5a	CONS	The PRS and PRM(s) shall monitor consistent with the PRMMP all construction-related grading, excavation, trenching, and augering in areas where potential fossil-bearing materials have been identified. The PRS and PRM(s) have the authority to halt or redirect construction if paleontological resources are encountered. Monitoring activities shall be conducted as in accordance with (1) through (4) of this condition [PAL-5]. A summary of monitoring and other paleontological activities shall be included placed in the MCRs, as described by this condition.	The PRS shall submit the summary of monitoring and paleontological activities in the MCR.	MCR	Monthly	On-going	NA	In-progress	
319	PAL	PAL-5b	CONS	Any change of monitoring from the accepted schedule in the PRMMP shall be proposed in a letter or email from the PRS and the project owner to the CPM prior to the change in monitoring and will be included in the monthly compliance report. The letter or email shall include the justification for the change in monitoring and be submitted to the CPM for review and approval. In the event that the PRS determines full-time monitoring is not necessary in locations that were identified as potentially fossil-bearing in the PRMMP, the project owner shall notify and seek the concurrence of the CPM.	When feasible, the CPM shall be notified 10 days in advance of any proposed changes in monitoring different from the plan identified in the PRMMP. If there is any unforeseen change in monitoring, the notice shall be given as soon as possible prior to implementation of the change	(If Needed)	At least 10 days in advance of any proposed changes in monitoring, when feasible	As-needed	NA	As-needed	
320	PAL	PAL-6a	OPS	All components of the PRMMP shall be adequately performed including collection of fossil materials, preparation of fossil materials for analysis, analysis of fossils, identification and inventory of fossils, the preparation of fossils for curation, and the delivery for curation of all significant paleontological resource materials encountered and collected during project construction.	Maintain in the compliance file copies of signed contracts or agreements with the designated PRS and other qualified research specialists for a period of three years after project completion and approval of the CPM-approved paleontological resource report (see PAL-7).	--	For 3 years after project completion	On-going	NA	In-progress	
321	PAL	PAL-6b	CONS	--	Pay any curation fees charged by the museum for fossils collected and curated as a result of paleontological mitigation. A copy of the letter of transmittal submitting the fossils to the curating institution shall be provided to the CPM.	(If Needed)	Following transmittal of fossils	As-Needed	NA	As-needed	
322	PAL	PAL-7	CONS	The Paleontological Resources Report (PRR) shall be prepared by the designated PRS following completion of the ground-disturbing activities. The PRR shall include the elements described in this condition [PAL-7].	Within 90 days after completion of ground-disturbing activities, including landscaping, submit the PRR under confidential cover to the CPM.	Paleontological Resources Report	Within 90 days after completion of ground-disturbing activities	8/29/2012		Not Started	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
323	TSE	TSE-1a	CONS	Furnish to the CPM and to the CBO a schedule of transmission facility design submittals, as described in this condition [TSE-1], a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List. Provide designated packages to the CPM when requested.	At least 60 days prior to the start of construction, submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM. The schedule shall contain the elements listed in this condition. Additions and deletions shall be made to the table only with CPM and CBO approval.	Schedule, Master Drawing and Specifications Lists	At least 60 days prior to the start of construction	6/22/2011	7/1/2011	Complete	Master drawing and specification list submitted and approved 7/1/11. EPC will provide updates on the 15th and 30th or each month
324	TSE	TSE-1b	CONS	--	Provide schedule updates in the monthly compliance report.	(If Needed)	Monthly	As-needed	NA	As-needed	
325	TSE	TSE-2a	PC	Prior to the start of construction assign an electrical engineer and at least one of each of the engineers listed in this condition [TSE-2] to the project. No segment of the project shall have more than one responsible engineer. The electrical engineer shall perform duties (1) and (2) listed in this condition. This engineer shall be authorized to halt earthwork and to require changes if site conditions are unsafe or do not conform with predicted conditions used as a basis for design of earthwork or foundations.	At least 30 days prior to the start of rough grading, submit to the CBO for review and approval, the names, qualifications and registration numbers of all the responsible engineers assigned to the project. Notify the CPM of the CBO's approvals of the engineers within five days of the approval.	Name/Quals of Responsible Engineers	At least 30 days prior to the start of rough grading	Complete	4/7/2011	Complete	
326	TSE	TSE-2b	CONS	If any one of the designated engineers is subsequently reassigned or replaced, the project owner shall submit the name, qualifications and registration number of the newly assigned engineer to the CBO for review and approval.	If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval. Notify the CPM of the CBO's approvals of the engineers within five days of the approval.	(If Needed)	Within 5 days of replacing the engineer	As-Needed	NA	As-needed	
327	TSE	TSE-3	CONS	If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, document the discrepancy and recommend corrective action. The discrepancy documentation shall become a controlled document and shall be submitted to the CBO for review and approval and shall reference this condition.	The project owner shall submit a copy of the CBO's approval or disapproval of any corrective action taken to resolve a discrepancy to the CPM within 15 days of receipt. If the corrective action is disapproved, advise the CPM, within five days, the reason for disapproval, and the revised corrective action required to obtain the CBO's approval.	(If Needed)	Within 15 days of receiving the discrepancy	As-Needed	NA	As-needed	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
328	TSE	TSE-4a	CONS	For the power plant switchyard, outlet line and termination, do not begin any increment construction until plans for that increment have been approved by the CBO. These plans, together with design changes and design change notices, shall remain on the site for one year after completion of construction. Request that the CBO inspect the installation. Activities (A) through (C) of this condition shall be reported in the MCR.	At least 30 days prior to the start of each increment of construction, submit to the CBO for review and approval the final design plans, specifications and calculations for equipment and systems of the power plant switchyard, outlet line and termination, including a copy of the signed and stamped statement from the responsible electrical engineer attesting to compliance with the applicable LORS.	Final design, specs, & calcs / RE Statement	At least 30 days prior to the start of each increment of construction	12/15/2011	12/28/2011	COMPLETE	letter from Engineer of record posted to CBO on 12/15/11. Transmittal in MCR. Reviewed by CBO with "For reference only" on 12/28/11
329	TSE	TSE-4b	CONS	Activities (A) through (C) of this condition shall be reported in the MCR.	Send the CPM a copy of the transmittal letter described in this condition in the next Monthly Compliance Report.	Transmittal to CPM	Monthly	On-going	NA	In-progress	
330	TSE	TSE-5a	PC	The design, construction, and operation of the proposed transmission facilities will conform to all applicable LORS, and requirements (a) through (f) listed in this condition [TSE-5].	At least 60 days prior to the start of construction of transmission facilities, submit to the CBO for approval the elements (a) through (f) listed in this condition.	See condition text for document list	At least 60 days prior to the start of construction of transmission facilities	7/30/2011		In-progress	
331	TSE	TSE-5b	PC	Once approved, the project owner shall inform the CPM and CBO of any anticipated changes to the design, and shall submit a detailed description of the proposed change and complete engineering, environmental, and economic rationale for the change to the CPM and CBO for review and approval.	Prior to the construction of or start of modification of transmission facilities, inform the CBO and the CPM of any anticipated changes to the design that are different from the design previously submitted and approved and submit a detailed description of the proposed change and complete engineering, environmental, and economic rationale for the change to the CPM and CBO for review and approval.	(If Needed)	Prior to the construction of or start of modification of transmission facilities	As-needed	NA	As-needed	
332	TSE	TSE-6a	CONS	Provide the Notice to the California Independent System Operator (California ISO), as described in this condition [TSE-6], prior to synchronizing the facility with the California Transmission system. At least one week prior to synchronizing the facility with the grid for testing, provide the California ISO a letter stating the proposed date of synchronization.	Provide copies of the California ISO letter to the CPM when it is sent to the California ISO one week prior to initial synchronization with the grid.	Cal ISO Letter	At least 1 week prior to initial synchronization with the grid	May 15, 2012		Not Started	Expected synchronization date based on 2 days after first fire per LG's Commissioning Activity #5. Due date based on 10 days before thiis

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
333	TSE	TSE-6b	CONS	At least one business day prior to synchronizing the facility with the grid for testing, provide telephone notification to the California ISO Outage Coordination Department.	Contact the California ISO Outage Coordination Department, Monday through Friday, between the hours of 0700 and 1530 at (916) 351-2300 at least one business day prior to synchronizing the facility with the grid for testing. A report of conversation with the California ISO shall be provided electronically to the CPM one day before synchronizing the facility with the California transmission system for the first time.	Report of Conversation with Cal ISO	At least 1 business day prior to synchronizing the facility with the grid for testing	May 24, 2012		Not Started	Expected synchronization date based on 2 days after first fire per LG's Commissioning Activity #5
334	TSE	TSE-7a	CONS	The transmission facilities shall be inspected during and after project construction, and any subsequent CPM and CBO approved changes thereto.	Within 60 days after first synchronization of the project, transmit to the CPM and CBO items (A) through (C) of this condition.	As built Engineering descriptions / drawings / Summary of inspections	Within 60 days after first synchronization of the project	June 22, 2012		Not Started	
335	TSE	TSE-7b	CONS	In case of non-conformance, the project owner shall inform the CPM and CBO in writing, within 10 days of discovering such non-conformance and describe the corrective actions to be taken.	In case of non-conformance, inform the CPM and CBO in writing, within 10 days of discovering such non-conformance and describe the corrective actions to be taken.	(If Needed)	Within 10 days of discovering non-conformance	As-needed	NA	As-needed	
336	COMPLIANCE	COMPLIANCE-1	CONS	Unrestricted Access	N/A	NONE	NA	On-going	NA	In-progress	
337	COMPLIANCE	COMPLIANCE-2	CONS	Maintain Project Files on site	N/A	NONE	NA	On-going	NA	In-progress	
338	COMPLIANCE	COMPLIANCE-3	CONS	Compliance Verification Submittals	N/A	Varies	NA	On-going	NA	In-progress	
339	COMPLIANCE	COMPLIANCE-4	PC	Pre-construction Matrix and Tasks Prior to Start of Construction	Construction shall not commence until the all of the following activities/submittals have been completed: property owners living within one mile of the project have been notified of a telephone number to contact for questions, complaints or concerns; a pre-construction matrix has been submitted identifying only those conditions that must be fulfilled before the start of construction; all pre-construction conditions have been complied with; the CPM has issued a letter to the project owner authorizing construction.	Pre-construction Matrix	Prior to commencement of construction	Complete	Mar-11	Complete	
340	COMPLIANCE	COMPLIANCE-5	CONS	Compliance Matrix	The project owner shall submit a compliance matrix (in a spreadsheet format) with each monthly and annual compliance report which includes the status of all compliance conditions of certification.	Compliance Matrix	Monthly	On-going	NA	In-progress	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
341	COMPLIANCE	COMPLIANCE-6a	CONS	Monthly Compliance Report List Item 1 Schedule	Summary of the current project construction status, a revised/updated schedule if there are any significant delays and an explanation of any significant changes to the schedule	MCR	Monthly	On-going	NA	In-progress	
342	COMPLIANCE	COMPLIANCE-6b	CONS	Monthly Compliance Report List Item 2 Documents required by specific conditions	Documents required by specific conditions to be submitted along with the MCR. Each must be identified in the transmittal letter, as well as the conditions they satisfy and submitted as attachments to the MCR.	MCR	Monthly	On-going	NA	In-progress	
343	COMPLIANCE	COMPLIANCE-6c	CONS	Monthly Compliance Report List Item 3 COC Matrix	See Compliance 5 Also	MCR	Monthly	On-going	NA	In-progress	
344	COMPLIANCE	COMPLIANCE-6d	CONS	Monthly Compliance Report List Item 4 Conditions Satisfied	A list of conditions that have been satisfied during the reporting period and a description or reference to the actions that satisfied the Condition	MCR	Monthly	On-going	NA	In-progress	
345	COMPLIANCE	COMPLIANCE-6e	CONS	Monthly Compliance Report List Item 5 Submittal deadlines missed	A List of any submittal deadlines that were missed, accompanied by an explanation and an estimate of when the information will be provided.	MCR	Monthly	On-going	NA	In-progress	
346	COMPLIANCE	COMPLIANCE-6f	CONS	Monthly Compliance Report List Item 6 changes to Conditions of Certification	A cumulative listing of any approved changes to Conditions of Certification	MCR	Monthly	On-going	NA	In-progress	
347	COMPLIANCE	COMPLIANCE-6g	CONS	Monthly Compliance Report List Item 7 Other Permits	A listing of any filings submitted to, or permits issued by, other governmental agencies during the month	MCR	Monthly	On-going	NA	In-progress	
348	COMPLIANCE	COMPLIANCE-6h	CONS	Monthly Compliance Report List Item 8 Compliance activity schedule	A projection of compliance activities scheduled during the next two months. The project owner shall notify the CPM as soon as any changes are made to the project construction schedule that would affect compliance with the Conditions of Certification	MCR	Monthly and ASAP when changes are made to schedule	On-going	NA	In-progress	
349	COMPLIANCE	COMPLIANCE-6i	CONS	Monthly Compliance Report List Item 9 On-site file	A list of the month's additions to the on-site compliance file	MCR	Monthly	On-going	NA	In-progress	
350	COMPLIANCE	COMPLIANCE-6j	CONS	Monthly Compliance Report List Item 10 Complaints and Violations	A listing of complaints, notices of violation, official warnings, and citations received during the month, a description of the resolution of he resolved actions and the status of any unresolved actions.	MCR	Monthly	On-going	NA	In-progress	
351	COMPLIANCE	COMPLIANCE-7	CONS	Annual Compliance Report including a Key Events List		ACR	Annual	On-going	NA	Not Started	

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
352	COMPLIANCE	COMPLIANCE-8	CONS	Confidential Information	Any information the project owner deems confidential shall be submitted to the Energy Commission's Executive Director with a request for confidentiality.	Confidential Filings	As-Needed	As-Needed	NA	As-Needed	
353	COMPLIANCE	COMPLIANCE-9a	CONS	Annual fees	Payment of Annual Energy Facility Compliance Fee	Initial Annual Compliance Fee	Initial payment due on date of Business Meeting when Energy Commission accepts final decision	On-going	NA	In-Progress	
354	COMPLIANCE	COMPLIANCE-10a	PC	Reporting of Complaints, Notices and Citations	Prior to the start of construction, the project owner must send a letter to property owners living within one mile of the project notifying them of a telephone number to contact project representatives with questions, complaints, or concerns. Within 10 days of receipt, the project owner shall report to the CPM, all notices, complaints, and citations.	Telephone Number for Nearby Property Owners to Call	Prior to commencement of construction	Complete	May-11	Complete	
355	COMPLIANCE	COMPLIANCE-10b	CONS	Reporting of Complaints, Notices and Citations	Prior to the start of construction, the project owner must send a letter to property owners living within one mile of the project notifying them of a telephone number to contact project representatives with questions, complaints, or concerns. Within 10 days of receipt, the project owner shall report to the CPM, all notices, complaints, and citations.	Notice, Complaint, and Citation Reports	Within 10 days of receipt notify CPM	As-Needed	NA	As-Needed	
356	COMPLIANCE	COMPLIANCE-11	OPS	Planned Facility Closure	The project owner shall submit a closure plan to the CPM at least 12 months prior to commencement of a planned closure.	Closure Plan	At least 12 months prior to commencement of planned closure	TBD		Not started	
357	COMPLIANCE	COMPLIANCE-12	CONS	Unplanned Temporary Facility Closure	To ensure that public health and safety and the environment are protected in the event of an unplanned temporary closure, the project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation.	On-site Contingency Plan	No less than 60 days prior to commencement of commercial operation	4/23/2012		submitted	Submitted to CEC for review on 4/23/12.

Item #	Technical Area	Cond. Number	Phase	Description	Verification/Action	Submittal	Submittal Date Required	Expected or Actual Submittal Date	Date of Approval	Status	Notes
358	COMPLIANCE	COMPLIANCE-13	CONS	Unplanned Permanent Facility Closure	To ensure that public health and safety and the environment are protected in the event of an unplanned permanent closure, the project owner shall submit an on-site contingency plan no less than 60 days prior to commencement of commercial operation. In the event of an unplanned permanent closure, the project owner shall notify the CPM, as well as other responsible agencies, by telephone, fax, or e-mail within 24 hours and shall take all necessary steps to implement the on-site contingency plan. A closure plan, consistent with the requirements for a planned closure, shall be developed and submitted to the CPM within 90 days of the permanent closure or another period of time agreed to by the CPM.	On-site Contingency Plan / Closure Plan	No less than 60 days prior to commencement of commercial operation / Within 90 days of permanent closure	4/23/2012		submitted	Submitted to CEC for review on 4/23/12.
359	COMPLIANCE	COMPLIANCE-14a	CONS	Post-certification changes to the Decision	The project owner must petition the Energy Commission to delete or change a condition of certification, modify the project design or operational requirements and/or transfer ownership of operational control of the facility.	Post Certification Modifications	As-Needed	As-Needed	NA	As-Needed	
360	COMPLIANCE	COMPLIANCE-14b	OPS	Post-certification changes to the Decision	The project owner must petition the Energy Commission to delete or change a condition of certification, modify the project design or operational requirements and/or transfer ownership of operational control of the facility.	Post Certification Modifications	As-Needed	As-Needed	NA	As-Needed	

Exhibit 8
AQCMM Monthly Report

Air Quality Construction Mitigation Manager Report

PREPARED FOR: Debi Hertz/CH2M HILL

PREPARED BY: Bradley Allender/LG Constructors

DATE: April 30, 2012

This report is the Air Quality Construction Mitigation Manager (AQCMM) Monthly Compliance Report (MCR) for submittal to the Construction Compliance Manager.

This report is prepared in accordance with the requirements of the Air Quality Construction Mitigation Plan, AQ-SC2, Section 6.

AQ-SC3, AQ-SC4, AQ-SC5

- **Wind Erosion Control Techniques**
  - Site was watered as required to limit dust erosion. Slopes hydroseeded.
- **Speed Limit Signage**
  - Installed previously. Post size and location modified for visibility as needed.
- **Track Out BMPs**
  - Installed previously.
- **Paved Road Sweeping Activities**
  - Bruns Rd at the site entrance was swept as needed.
- **Complaints Filed**
  - None
- **Dust Plume Response**
  - Site and site access road were watered regularly during non-rain event times in order mitigate dust plumes.
- **Tier 3 California Emission Diesel Engine Requirements (AQ-SC5)**
  - See Construction Equipment Survey Form.
    - For Tier 3 equipment on site for more than 5 days the Engine Tier Design Table from California Code of Regulations Title 13, Section 2423 is used to determine engine tier.
    - For equipment on site for more than 5 days, where Tier 3 is not available, quotes from two vendors are in Attachment 2.
  - Equipment maintenance letters for equipment on site at the end of the month in Attachment 1.

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Appendix B
Equipment Survey Form

Description of Project Construction Equipment
(To be filled out by the onsite Air Quality Construction Mitigation Manager)

Equipment Type/Owner	Vehicle/Engine Model Year	Manufacturer	Horsepower	EPA/ARB Engine Tier
210LJ - Skip Loader/Teichert	2010/2010	Deere	84	Tier 3
14H - Grader/Teichert	2004/2004	CAT	220	Tier 2**
420E - Backhoe/Cresco	2010/2010	CAT	99.9	Tier 3
Sweeper/Teichert	1998/1998	LAY-MOR	29	N/A <50HP
Forklift G12-55A/United	2011/2011	JLG	130	Tier 3
336E Excavator/Holt	2011/2010	CAT	314	Tier 3
Sweeper/Teichert	1999/1999	LAY-MOR	29	N/A <50HP
GR500XL-1 Crane/Coastline	2008/2007	TADANO	223	Tier 3
580 Super N Backhoe/Flores	2011/2011	Case	97	Tier 3
Forklift G12-55A/United	2011/2011	JLG	130	Tier 3
WA450 Loader/Teichert	2005/2005	Komatsu	261	Tier 2**
Vibratory Roller/Teichert	2005/2005	IR/Cummins	156	Tier 2**
TL1255 Forklift/Cresco	2009/2008	CAT	142	Tier 3
VR-1056D Forklift/Sunstate	2011/2008	Skyjack	110	Tier 3
600S Aerial Lift/Ahern	2011/2011	Genie	49	N/A <50HP
600 AJ Aerial Lift/Ahern	N/A/N/A	JLG	N/A	Not Diesel
S60 Aerial Lift/Sunstate	2008/2008	Genie	49	N/A <50HP
S60 Aerial Lift/United	2004/2004	Genie	49	N/A <50HP
600S Aerial Lift/United	2008/2008	JLG	49.5	N/A <50HP
S60 Aerial Lift/Sunstate	2008/2008	Genie	48.8	N/A <50HP
660SJ Aerial Lift/United	2008/2007	JLG	65	Tier 2**
S60 Aerial Lift/Sunstate	2008/2008	Genie	49	N/A <50HP
S60 Aerial Lift/Sunstate	2008/2008	Genie	49	N/A <50HP
6042 Aerial Lift/Sunstate	2011/2011	Skytrak	110	Tier 3
XRM842 Forklift/Ahern	2006/2009	Extreme	100	Tier 3
600S Aerial Lift/Ahern	2011/2011	JLG	49	N/A <50HP
1200SJP Aerial Lift/Sunstate	2008/2008	JLG	75	Tier 3
600SJ Aerial Lift/Sunstate	2008/2008	JLG	49.5	N/A <50HP
S60 Aerial Lift/Sunstate	2011/2010	Genie	49	N/A <50HP

Appendix B
Equipment Survey Form

450A Aerial Lift/Sunstate	N/A/N/A	Genie	N/A	Not Diesel
S45 Aerial Lift/Sunstate	2012/2011	Genie	45	N/A <50HP
1MW Generator/Aggreko	2010/2010	Cummins	1490	Tier 2**
S65 Aerial Lift/Sunstate	2011/2010	Genie	49	N/A <50HP
600AJ Aerial Lift/Sunstate	2011/2010	JLG	62	Tier 4i
Z60 Aerial Lift/Sunstate	2008/2008	Genie	48.8	N/A <50HP
400S Aerial Lift/United	2008/2008	JLG	48.9	N/A <50HP
Air Compressor/Atlas Copco	2007/2007	CAT	575	Tier 3
Skid Steer Loader S250/Crusader	2007/2007	CAT	75	Tier 2***
210LJ - Skip Loader/Teichert	2009/2009	Deere	84	Tier 3
Ditchwitch RT45/Sunstate	2011/2010	Ditchwitch	42	N/A <50HP
Ditchwitch RT40/Sunstate	2006/2005	Ditchwitch	42	N/A <50HP
VR-1056D Forklift/Sunstate	2012/2007	Skyjack	110	Tier 3
Skid Steer Loader/Teichert	2012/2011	CAT	73	Tier 4i
310SG Loader/Collins	2004/2004	Deere	92	Tier 2*
GR500XL-1 Crane/Coastline	2008/2008	TADANO	223	Tier 3
S65 Aerial Lift/United	2011/2011	Genie	49	N/A <50HP
1MW Generator/Aggreko	2006/2006	Cummins	1490	Tier 2**
Z80/60 Aerial Lift/United	2006/2006	Genie	74	Tier 2***
CB22 Roller/Holt	2011/2011	CAT	33	N/A <50HP
1MW Generator/Aggreko	2007/2007	Cummins	1490	Tier 2**
800AJ Aerial Lift/United	2008/2008	JLG	62	Tier 4i
S40 Aerial Lift/Sunstate	N/A/N/A	Genie	N/A	Not Diesel
* Tier 3 not required per AQCS5 - On site 5 days or less				
** Tier 3 not required per AQCS5 - Tier 3 not available, 2 quotes provided				
*** Removed from site - Does not meet AQSC5				
**** Specialty equipment. Exemption requested.				

Note:

For all construction equipment 50 hp or higher that do not meet the Tier 3 California Emission Standards for Off-Road Compression- Ignition Engines, quotes from two separate vendor sources must be attached, documenting that the equipment in question is not available at the Tier 3 level

AQCMM Monthly Report

Attachment 1

Equipment Maintenance Letters

4/30/2012

LG Constructors Inc.
9191 S. Jamaica Street
Englewood, CO 80113
Re: Proposal US24-10191

Attn: Paul Toub
Phone: 2098359864x2032
Fax:
Email: paul.toub@ch2m.com

Dear Paul,

As per our conversation please let this note serve as evidence that Aggreko services and maintains all of its diesel generator fleet as per manufacturer's specification.

This statement will apply to our unit#'s XAXC122, XAXC116 and XAXC030 that are currently on rent to LG Constructors Inc. which uses a Cummins QST30G5 engine.

Feel free to contact me with any questions.

Sincerely,

John Crouse
Commercial Sales Representative
(916) 204-2965
Aggreko LLC

Aggreko, LLC
160 W. Industrial Way
Benicia, CA 94510-1016
Off: (800) 244-7356
Fax: 1-888-854-7694
Aggreko.com

Monday, May 07, 2012

To Whom It May Concern,

Cresco Equipment Rentals has an established maintenance system which routinely keeps our equipment at or exceeding manufacturers recommended service levels and in proper operational condition.

For large, metered equipment we have initial machine services done within the first 50 or 100 hours of the machine life, then regularly scheduled maintenance every 250 hours or per the various equipment manufacturer specifications.

All maintenance and repair work is documented on work orders specific to each machine, and a copy of a work order for a service or repair can be produced upon request.

If you have any questions regarding the service or maintenance history of a machine, please call John Mazur or Tyler Hardy at Cresco Product Support 925-228-9152.

Thank You,
John Mazur
Service Manager
Cresco Product Support

191 Howe Rd
Martinez CA, 94553
925-228-9152 ext.224
925-228-4552 fax

6457 Dublin Ct.
Dublin, CA 94568
Danny Brezac
510-414-9165

To Whom It May Concern:

United Rentals, Inc. has a well-known maintenance system which regularly keeps our equipment at or exceeding manufacturers recommended service levels and in proper operational condition.

Our factory Trained mechanics maintain all our owned equipment to manufacturers specifications.

All maintenance and repair work is documented on work orders specific to each machine, and a copy of the work order for service or repair can be produced upon request.

If you have any questions regarding the service or maintenance history of a machine, please call Danny Brezac at 510-414-9165.

800-400-1610
For the location nearest you!

SINCE 1953
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RENTALS

www.ahern.com

4-23/12

To whom it may concern,

Ahern Rentals maintains its rental equipment to manufacture recommended levels or higher. All maintenance is performed by trained mechanics to factory specification to ensure proper operations and safety of all equipment. Records of all maintenance are kept on file at each location and can be viewed upon request.

SUNSTATE
Equipment Co.
1-888-456-4560

Sunstate Equipment Rental

75 E Equipment Ct

Frenchcamp CA 95231

4/24/11

To Whom It May Concern,

Sunstate Equipment Rentals, Inc. has an well-known maintenance system which Regularly keeps our equipment at or exceeding manufacturers recommended service Levels and in proper operational condition.

Our factory trained mechanics maintain all our owned rental equipment to manufactures Specifications.

All maintenance and repair work is documented on work orders specific to each machine, and a Copy of a work order for service or repair can be produced upon request.

If you have any questions regarding the service or maintenance history of a machine, please call

Dustin Holmes

209-482-7470

2911 E. Fremont St.
Stockton, Ca 95205
Jeremy Davis
209-321-3488

Updated:4/23/12

To Whom It May Concern,

United Rentals, Inc. has an well-known maintenance system which regularly keeps our equipment at or exceeding manufacturers recommended service levels and in proper operational condition.

Our factory Trained mechanics maintain all our owned rental equipment to manufactures specifications.

All maintenance and repair work is documented on work orders specific to each machine, and a copy of a work order for a service or repair can be produced upon request.

If you have any questions regarding the service or maintenance history of a machine, please call Jeremy Davis at 209-321-3488 or John Borelli at 209-461-2816.

5/04/2012

To whom it may concern

Ahern Rentals maintains its rental equipment to manufacture specifications. All maintenance is performed by trained mechanics to ensure proper operations and the safety of all equipment. Records of all maintenance are kept of file at store location.

119785 - 60' boom - maintained in the month of May of 2012

Stockton District
265 Val Dervin Parkway
P.O. Box 1118
Stockton, CA 95201-1118
(209) 983-2300 FAX (209) 983-2375

TEICHERT CONSTRUCTION

Established 1887

April 28, 2012

CH2M Hill
Brad Allender

RE: Mariposa Energy Project

SUBJECT: Off Highway Diesel Engine Maintenance Compliance

Mr. Allender,

This correspondence is to confirm A. Teichert & Son, Inc. maintains all off highway diesel engines in accordance with manufacturers' OEM specification.

Best regards,

Patrick Maul
Equipment Superintendent,
Teichert Mobile Equipment Division

May 1, 2012

To whom it may concern:

I Rick Flores, owner operator am responsible for the maintenance of my backhoe.

Rick S Flores

APRIL 2012

HOLT OF CA/THE CAT RENTAL STORE

7310 Pacific Ave
Pleasant Grove, CA 95668
916-921-8822

To Whom it may concern,

Holt of CA is providing construction rental equipment to the Mariposa Energy Project and maintains the equipment per the manufacture's specifications.

APRIL 2012

To Whom It May Concern,

Cresco Equipment Rentals has an established maintenance system which routinely keeps our equipment at or exceeding manufacturers recommended service levels and in proper operational condition.

For large, metered equipment we have initial machine services done within the first 50 or 100 hours of the machine life, then regularly scheduled maintenance every 250 hours or per the various equipment manufacturer specifications.

All maintenance and repair work is documented on work orders specific to each machine, and a copy of a work order for a service or repair can be produced upon request.

If you have any questions regarding the service or maintenance history of a machine, please call John Mazur or Tyler Hardy at Cresco Product Support 925-228-9152.

Thank You,
John Mazur
Service Manager
Cresco Product Support

191 Howe Rd
Martinez CA, 94553
925-228-9152 ext.224
925-228-4552 fax

AQCMM Monthly Report

Attachment 2

TIER 3

Non-availability quotes

4030 Pacheco Blvd
Martinez, CA 94553

AZCO INC

Ben Row

RSC Equipment Rental currently has no aerial work platforms diesel or gas powered available with Tier 3 engines.

If you have any further questions or inquires please contact me . Contact info is below.

Thank you

John R Stanton Jr
Account Manager
jihnrstanton@rscrental.com

925-584-1996

Allender, Bradley/BAO

From: Brian Womble [brian_womble@crescorent.com]
Sent: Thursday, October 13, 2011 10:39 AM
To: Row, Ben
Subject: out of stock

Mr.Row call to get two Tier 3 diesel booms one 45'straight boom and a 65' straight boom on Wednesday the 12th of October @ 2:00 pm .
Both booms were out of stock, Due to high demand on tier 3 and diesel and other projects going on.

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Allender, Bradley/BAO

Subject: FW: Tier 3
Attachments: n10d573epa.pdf

From: Toub, Paul/BAO
Sent: Friday, February 24, 2012 9:33 AM
To: Allender, Bradley/BAO
Subject: FW: Tier 3

From: John Crouse [mailto:John.Crouse@aggreko.com]
Sent: Thursday, February 23, 2012 2:30 PM
To: Toub, Paul/BAO
Subject: Tier 3

Paul,

I am verifying how I can get you written verification that all we carry are Tier 2 engines. Will an email be sufficient or do you need something on letter head?

By the way what is your extension on site? I can't seem to get through your phone system.

Thanks,

John "JT" Crouse
Commercial Sales Representative

Aggreko, LLC
160 Industrial Way
Benicia, Ca 94510
Mobile: 916-204-2965
E-Fax: 888-854-7694
Email: mailto:john.crouse@aggreko.com
Visit us at: http://www.aggreko.com

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Allender, Bradley/BAO

From: Toub, Paul/BAO
Sent: Friday, February 24, 2012 9:34 AM
To: Allender, Bradley/BAO
Subject: FW: 1 Meg Generator

From: Bradley M Burge [mailto:BBurge@hertz.com]
Sent: Friday, February 24, 2012 9:30 AM
To: Toub, Paul/BAO
Subject: 1 Meg Generator

Hello Paul,

Thanks for the phone call regarding the need to rent a 1 Meg Generator. Unfortunately we will not be able to supply you one at this time. We look forward to doing business with you in the near future.

Thanks
Brad Burge
Manager Service Pump and Power
Hertz Equipment Rental Corp.
5251 Industrial Way
Benicia, Ca 94510
U.S.A.
Cell 707 396-6256 ----------
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EQUIPMENT CORPORATION

HEAVY CONSTRUCTION EQUIPMENT RENTALS

REGIONAL HQ: 30243 KELSEY STREET VISALIA, CA 93291 (559) 651-0116 (800) 729-3226 FAX (559) 651-0986

DATE: July 18, 2011

FROM: **JIM ELI, NORTHERN CALIFORNIA FIELD REP**
5135 Red Rock Drive, P.O. Box 565, Foresthill CA 95631
Mobile: (916) 997-7492
Fax: (916) 880-5589
E-mail: jim.eccoequip@yahoo.com

TO: **PAT MAUL**
TEICHERTCONSTRUCTION
916-296-9991
Via e-mail to pmaul@teichert.com

Pat, please accept this memorandum as certification that ECCO Equipment Corp. does not have a Tier 3 D9 or a Tier 3 14H/M available for the Mariposa Energy project.

Thank you,

Jim Eli

HOLT of California CAT

To: Pat Maul, Teichert Construction 6/28/11

From: Kevin Freeman, Holt of Cal.

Subject: Tier three rental units

Pat,

In reference to renting 631 Scrapers, 14M motorgrader and D9T tractors, we currently do not have any of these late model Tier 3 units available. We inventory the D9T and 14M, however they are on long term rental.

Sincerely, Kevin Freeman

Earthmoving Division

www.holtca.com

7310 Pacific Avenue
Pleasant Grove, CA 95668-9708
(916) 991-8200
(800) 452-5888 Toll Free
(916) 991-8290 Fax

1521 West Charter Way
Stockton, CA 95206-1112
(209) 466-6000
(800) 347-4658 Toll Free
(209) 467-4658 Fax

3440 East Pacheco Boulevard
Los Banos, CA 93635-9585
(209) 826-4919
(800) 660-4658 Toll Free
(209) 826-6884 Fax

Exhibit 9
Resource Specialists' Monthly Reports

Biological Resources Monthly Report

BIO-2

Biological Resources Mitigation Monitoring Monthly Compliance Report for the Mariposa Energy Project April 2012

Prepared for

Mariposa Energy, LLC

May 2012

CH2MHILL

2485 Natomas Park Drive
Suite 600
Sacramento, CA 95833

Designated Biologist:
Todd Ellwood, CH2M HILL
155 Grand Avenue, Suite 800
Oakland, CA 94612
Direct: (408) 839-2402

Email: todd.ellwood@ch2m.com

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A Cumulative Wildlife Species Observed In or Near the Project Area

B Representative Site Photographs

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Acronyms and Abbreviations

AMBA	American badger
BMP	Best Management Practice
BM	Biological Monitor
BRMIMP	Biological Resources Mitigation Implementation and Monitoring Plan
BUOW	burrowing owl
BBID	Byron Bethany Irrigation District
CDFG	California Department of Fish and Game
CEC	California Energy Commission
CPM	Compliance Project Manager
CRLF	California red-legged frog
CTS	California tiger salamander
CTG	combustion turbine generator
cogen	cogeneration
COC	Condition of Certification
D	Drainage
DB	Designated Biologist
ECM	Environmental Compliance Manager
kV	kilovolt(s)
MEP	Mariposa Energy Project
PG&E	Pacific Gas & Electric
RWQCB	Regional Water Quality Control Board
SJKF	San Joaquin kit fox
WPPP	Stormwater Pollution Prevention Plan
SWHA	Swainson's hawk
USACE	U.S. Army Corps of Engineers
WPT	western pond turtle
WEAP	Worker Environmental Awareness Program

SECTION 1

Introduction

This Monthly Compliance Report for the Mariposa Energy Project (MEP) has been prepared to comply with California Energy Commission (CEC) Condition of Certification (COC) BIO-2. MEP will be a nominal 200-megawatt (MW) simple-cycle generating facility consisting of four General Electric Energy LM6000 PC-SPRINT natural gas-fired combustion turbine generators and associated equipment. The facility is located in northeastern Alameda County, California, on an approximately 10 acres of a 158-acre parcel that consists of non-irrigated grazing land, a former wind-turbine development, and an existing cogeneration (cogen) power plant. The MEP site is approximately 7 miles northwest of Tracy, 7 miles east of Livermore, 6 miles south of Byron, and approximately 2.5 miles west of the community of Mountain House.

Temporary construction facilities will include a 9.2-acre worker parking and laydown area immediately east of the MEP site and a 1-acre water supply pipeline parking and laydown area located at the Byron Bethany Irrigation District (BBID) headquarters facility on Bruns Road. Equipment staging for the construction of the transmission line and gas line will take place in the 9.2-acre laydown area. The main laydown area will be in use for approximately 14 months, including during the wet season. Because heavy machinery will be used at the site, portions of the 9.2-acre laydown area will require gravel or road base with an underlayment of geotextile fabric for stabilization. Topsoil stripped from the laydown will be stockpiled onsite inside the laydown area. During project completion, ripping will be performed to a depth no less than 2 feet to reduce compaction of underlying native soils. The resulting roughed soil surface will be smoothed and covered with salvaged topsoil removed from the laydown area during initial ground-breaking activities. The base rock and fabric underlayment will be removed before ripping and replacing the topsoil. This procedure will facilitate post-construction restoration. The temporary laydown area for the water supply pipeline will be located within an existing maintenance yard at BBID's headquarters.

The existing gravel road from Bruns Road provides access to the Byron Cogen Power Plant. A portion of this gravel road will be improved and used during construction and operation of MEP. Improvements resulting in a permanent loss of grassland habitat include widening the road from approximately 10 to about 20 feet, and adding an asphalt layer. Temporary overland access routes to the transmission line corridor and gas line corridor will originate from this main road and all access to the offsite facilities work areas will occur in upland grassland areas only. All nearby seasonal wetlands, such as vernal pools, will be avoided during overland access. Access to the water supply pipeline corridor will be from existing roads including Bruns Road, a portion of the onsite main access road, and a BBID agricultural dirt road.

In addition to the new power plant and associated equipment, the Project includes the following offsite facilities:

- A new 580-foot-long, 8-inch-diameter natural gas pipeline connection with Pacific Gas & Electric Company's (PG&E) existing high-pressure gas line
- A new 1.8-mile-long, 10-inch-diameter water supply pipeline connection with BBID's Canal 45
- An approximately 0.7-mile-long, single-circuit, three-phase, 230-kilovolt (kV) transmission line interconnection

The gas pipeline will run generally to the east from the project site, staying on the 158-acre project parcel, and will be installed in a relatively shallow trench. The water supply pipeline will be placed in or along Bruns Road and run from Canal 45 south to the power plant site. The water supply pipeline will cross seven culverts using either underground tunneling (pipe ramming) or open-cut trenching. From Bruns Road, the water supply pipeline will follow the existing access road to the power plant site. The 230-kV line will run generally north from the project site, staying east of the Byron Power Cogen Plant, crossing Kelso Road, and staying east of the PG&E Bethany Compressor Station. It will turn west just north of the Kelso Substation, then turn south to the final interconnect point at PG&E's Kelso Substation.

The project was designed to avoid significant adverse impacts to sensitive biological resources to the furthest extent feasible. Protection measures were developed during informal and formal consultation with state and federal agencies to minimize unavoidable project impacts. Project approval from the CEC was issued on May 18, 2011, and included conditions that must be monitored by the Designated Biologist (DB). The U.S. Army Corps of Engineers (USACE) Nationwide Permit (SPK-2009-01261) (including U.S. Fish and Wildlife Service Biological Opinion [Reference #84120-2009-F-1306-2]) was issued to the project on May 17, 2011. The Regional Water Quality Control Board (RWQCB) 401 Water Quality Certification (WDID #5B01CR00012) was issued to the project on May 26, 2011. The DB and/or Biological Monitor (BM) will be available during all phases of construction to ensure compliance with the mitigation measures outlined in the *Biological Resources Mitigation Implementation and Monitoring Plan* (BRMIMP) which includes the aforementioned permits. The following report includes a summary of the MEP monitored biological activities for April 2012.

SECTION 2

Monitored Mitigation Measures

Mitigation measures for the MEP were developed through consultation with the CEC (in consultation with California Department of Fish and Game [CDFG]), USACE, USFWS, and RWQCB. Documentation of compliance with any conditions of the agency permits will be included in this section when required on the project.

2.1 Conditions of Certification

All COCs were in compliance for the month of April. The following COCs—BIO-5, BIO-7, BIO-8, BIO-9, BIO-10, BIO-11, BIO-12, BIO-13, BIO-14, BIO-15, and BIO-17—were applicable compliance measures and require specific language to be included in each monthly compliance report. Therefore, each is addressed separately below.

2.1.1 BIO-5

BIO-5 states that every worker will attend and participate in the Worker Environmental Awareness Program (WEAP) and the DB and/or BM make site visits to insure that BIO-5 was in compliance. A total of 62 personnel received WEAP training in April. During the month of April, DB Todd Ellwood and BMs Steve Sykes and G.O. Graening verified project compliance with BIO-5.

2.1.2 BIO-7

BIO-7 addresses the implementation and application of biological impact and avoidance measures, Best Management Practices (BMPs), Stormwater Pollution Prevention Plan (SWPPP), and staking and flagging of exclusion zones of biological resources. Also, every worker must participate in the WEAP and the DB and/or BM are to make site visits to insure that BIO-7 was in compliance during the month of April.

Installation of worker exclusion fencing and wildlife exclusion fencing progressed in several phases to accommodate construction activities while breeding burrowing owls were present within the project footprint. The first phase (Phase 1) of the fencing plan was completed on June 14, 2011, and included the area associated with the fire pump foundation and water line. Subsequent phases of the fencing plan were completed on July 6, July 11, July 21, July 25, September 30, 2011, and January 3, 2012. The BMPs implemented to minimize temporary impacts to Waters of the U.S. were sent to the USACE on June 30, 2011.

During the month of April, minor repairs were made to wildlife exclusion fencing to repair damage primarily due to strong winds. Ground squirrels or other small mammals occasionally burrowed under the fencing, and these holes were filled by moving loose dirt back into the hole using a boot or hand. During the month of April, the DB and BMs verified project compliance with BIO-7 and the conditions of the USACE permit, USFWS Biological Opinion, and RWQCB permit.

2.1.3 BIO-8

BIO-8 requires that preconstruction nest surveys be conducted for birds for all project components (i.e., power plant site and linear facilities). Surveys are to include all potential nesting habitat within 500 feet of the MEP site and linear facilities (except for Swainson's hawk [SWHA], see BIO-15). At least two preconstruction surveys are to be conducted, separated by a minimum 10-day interval. One of the surveys needs to be conducted within the 14-day period preceding initiation of construction activity. Additional follow-up surveys may be required if periods of construction inactivity exceed three weeks in any given area. If active nests are detected during the survey, a no-disturbance buffer zone (protected area surrounding the nest, the size of which is to be determined by the DB in consultation with CDFG and USFWS Migratory Bird Office) and monitoring plan must be developed. The monitoring plan is to include avoidance measures and remedial actions if the avoidance measures are not successful. Nest locations are to be mapped using GPS technology and submitted, along with a weekly report stating the survey results, to the Compliance Project Manager (CPM). The DB is to monitor the nest until he determines that nestlings have fledged and dispersed; activities that might, in the opinion of the DB, disturb nesting activities, are to be prohibited within the buffer zone until such a determination is made. No less than 2 days prior to the start of any ground-disturbing activities or construction equipment staging, the project owner is to provide the CPM a letter-report describing the findings of the preconstruction nest surveys, including the time, date, and duration of the survey; identity and qualifications of the surveyor(s); and a list of species observed.

A survey for nesting birds was performed for the MEP site and linear facilities (and surrounding areas) and submitted to the CEC on May 27, 2011, in anticipation of an early June 2011 start date. Included with the survey report was the bird nest monitoring plan. The DB and BMs performed the preconstruction surveys following standard survey techniques. Based on the surveys conducted in August 2011, all known nests were no longer active, and this was reported in the weekly nesting update submittal dated August 18, 2011. In April 2012, daily monitoring included surveys for any birds or nests that might be present within construction areas and their buffer zones; no nests were observed within the construction sites or the wildlife exclusion fencing. BUOW and SWHA nesting activity were observed outside of the exclusion fencing and are discussed further in Section 2.1.7 (BIO-12) and Section 2.1.10 (BIO-15), respectively, of this report.

2.1.4 BIO-9

BIO-9 requires that the project owner implement measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to listed fairy shrimp or tadpole shrimp species and habitat. Avoidance and minimization measure are to include a buffer zone of 250 feet or the limit of the immediate watershed supporting the seasonal wetland (whichever is larger) around all known and potentially occupied branchiopod habitat. The buffer zone is to be delineated with temporary fencing. The fencing must be kept in good repair and remain installed for the duration of MEP construction. If this buffer zone is not feasible for any potential habitat, a buffer zone may be delineated in consultation with CDFG and USFWS. The BM will be onsite during all ground disturbing work within 250 feet of potential branchiopod habitat, and will oversee all off-road vehicle access for the project. To the extent possible, construction of the linear projects will occur during the dry summer season to minimize the potential for indirect effects on nearby branchiopod habitat.

A reduced buffer zone of 25 feet along the transmission line corridor was approved by the USFWS in the Biological Opinion. The buffer zone was delineated with worker exclusion fence (BIO-7) on June 14, 2011. During the month of April, branchiopod habitat impacts were avoided along the transmission line corridor. The DB and/or BMs were onsite daily during construction activities and verified project compliance with BIO-9.

2.1.5 BIO-10

BIO-10 requires a CPM (in consultation with the USFWS and CDFG)-approved California red-legged frog (CRLF) and California tiger salamander (CTS) management plan that presents measures to manage the construction site, and related facilities, in a manner to avoid and minimize impacts to CRLF and CTS. The measures are to include at a minimum: avoidance; exclusionary fencing; clearance surveys; burrow avoidance along linear routes; daily checks for CRLF and CTS under equipment; seasonal work restrictions; habitat avoidance; speed limits; road mortality monitoring along Bruns Road; implementation of SWPPP BMPs; and installation of a perimeter barrier around the MEP site during plant operations. No less than 30 days prior to the start of any project-related ground disturbance, the project owner is to provide the final Management Plan to the CPM, CDFG, and USFWS. The final, approved Management Plan must be incorporated into the BRMIMP within 10 days of completion of the plan, and implemented. Within 60 days of completion of the permanent power plant site fence, the project owner is to submit a figure and photographs to the CPM, CDFG, and USFWS of the CTS and CRLF barrier fence.

The management plan was submitted to the CPM and USFWS on June 8, 2011. Preconstruction surveys associated with the fire pump foundation work and water line construction for CRLF and CTS were completed on May 27, May 31, and June 14. Additional preconstruction surveys associated with the progression of the wildlife exclusion fence (BIO-7) at the MEP site occurred on June 6, June 11, June 21, and June 25. Preconstruction surveys associated with the installation of utility poles and wiring by PG&E for the temporary power supply to the trailer village were performed on September 1. A preconstruction survey associated with extension of the wildlife exclusion fence to incorporate the area for the PG&E natural gas pipeline was conducted on September 29. Additional preconstruction surveys of the transmission line corridor were conducted on September 2 and 6.

Construction activities occurred within the transmission line corridor during the month of April. No CRLF or CTS were observed during the surveys and none have been found onsite during project construction. The DB and/or BM were onsite daily during construction activities and verified project compliance with BIO-10.

2.1.6 BIO-11

Requires direct impacts avoidance to western pond turtle (WPT) by implementing preconstruction surveys concurrent with the CRLF and CTS preconstruction surveys (BIO-10). WPT must be avoided to the extent possible and avoidance areas are to be delineated by exclusionary fencing. If WPTs are found within the project disturbance area that cannot be avoided, the animal must be relocated to the CPM (in consultation with CDFG)-approved relocation site. The project owner is to submit a report to the CPM and CDFG no less than 10 days prior to the start of any ground disturbing activities or

construction equipment staging that describes when surveys were completed, observations, and proposed impact minimization measures. Within 30 days after completion of construction of the project linears, the project owner is to provide to the CDFG and CPM a written construction termination report identifying how impact minimization measures have been completed.

Preconstruction surveys associated with the fire pump foundation work and water line construction for WPT were completed on May 27, May 31, and June 14. Additional preconstruction surveys associated with the progression of the wildlife exclusion fence (BIO-7) at the MEP site occurred on June 6, June 11, June 21, and June 25. Preconstruction surveys associated with the installation of utility poles and wiring by PG&E for the temporary power supply to the trailer village were performed on September 1. A preconstruction survey associated with extension of the wildlife exclusion fence to incorporate the area for the PG&E natural gas pipeline was conducted on September 29. Additional preconstruction surveys of the transmission line corridor were conducted on September 2 and 6, and December 16, 2011.

During April construction, no WPTs were observed during the daily inspections and monitoring by the DB and BMs. The DB and/or BMs were onsite daily during construction activities and verified project compliance with BIO-11.

2.1.7 BIO-12

BIO-12 requires the project owner to implement the measures to manage their construction site, and related facilities, in a manner to avoid or minimize impacts to breeding and foraging burrowing owls (BUOW). These measures include: preconstruction surveys; avoidance measures such as buffer zones and monitoring; and implementation of a CPM (in consultation with CDFG)-approved BUOW management plan. The DB is to provide the CPM and CDFG preconstruction survey results within 10 days of the completion of the survey. If preconstruction surveys detect BUOW within 500 feet of proposed construction activities, the DB is to provide to the CPM and CDFG documentation indicating that non-disturbance buffer fencing has been installed no less than 10 days prior to the start of any project-related site disturbance activities. The documentation must include both a figure and photographs showing the location of the fencing. If preconstruction surveys detect BUOW or active BUOW burrows within the project disturbance area, the project owner must provide to the CPM and CDFG a final Burrowing Owl Mitigation Plan no less than 10 days prior to the start of construction. The measures described in the plan must be incorporated into the BRMIMP no less than 10 days of completion of the plan, and implemented. The project owner is to report monthly to the CPM and CDFG for the duration of construction on the implementation of BUOW avoidance and minimization measures. Within 30 days after completion of construction the project owner must provide to the CDFG and CPM a written construction termination report identifying how mitigation measures, including those measures described in the plan if a plan was required, have been completed.

The BUOW management plan was submitted to the CPM on April 24, 2011. A total of six active burrowing owl burrows were detected within 500 feet of the project area during preconstruction surveys (BIO-8). Of these, five of the burrows were within 250 feet of the project. Worker exclusionary fencing (BIO-7) was installed at least 250 feet from each of the

five burrows and each breeding pair was monitored at a minimum weekly (described in the weekly bird nest monitoring reports) during project construction. Two breeding pairs that occurred within the proposed 9.2-acre laydown area were determined to have abandoned the burrows on June 30, 2011; therefore, both burrows in coordination with the CPM and CDFG were fitted with one-way doors on July 5 (passive relocation) and subsequently excavated by hand and collapsed by the BM to prevent reoccupation on July 8. The owlets associated with a breeding pair located along the proposed MEP access road were determined to have fully fledged on July 13, 2011. Therefore, in accordance with the CEC and CDFG-approved management plan, the DB commenced passive relocation on July 15 and subsequently collapsed the burrow to prevent reoccupation. Since these activities, no BUOW have been detected within the construction sites or within the wildlife exclusion fencing.

One-way doors installed on burrows near the Byron Cogen facility remained in place during April 2012. The doors were inspected regularly to ensure they remained in place and in good repair; no sign of BUOW was observed in this area. On a few of the blocked burrows, squirrels have dug holes around the doors, and are utilizing these burrows. It was decided not to interfere with this squirrel use, but simply to monitor these burrows for possible use by BUOW.

BUOWs were observed in March 2012 in the pastures outside and east of the transmission line work corridor and north of Kelso Road. Owls and their sign (white wash and pellets) were observed at multiple burrow locations as close as approximately 70 feet from worker exclusion fence. The BM observed potential signs of nest building on March 22, including pieces of cow dung at one of the burrow entrances. Because the owls occupied the adjoining lands concurrent with project activities, transmission line construction is not expected to adversely affect BUOWs. BUOWs remained in the vicinity of the transmission line work corridor in April 2012. The DB and BMs observed no signs of distress during transmission line construction in April 2012.The DB and/or BMs will continue to monitor the activities of the BUOWs that are located outside the project area for any signs of distress.

The DB and/or BMs ensured that all site work that occurred during April avoided BUOWs and the worker exclusion fencing remained in adequate repair. The DB and/or BMs were onsite daily during construction activities and verified project compliance with BIO-12.

2.1.8 BIO-13

BIO-13 requires the avoidance of direct impacts to American badgers (AMBA) by implementing preconstruction surveys concurrent with the San Joaquin kit fox (SJKF) and BUOW preconstruction surveys. The DB must perform preconstruction surveys for AMBA dens in the project area, including areas within 200 feet of all project facilities, utility corridors, and access roads. If dens are detected each den is to be classified as inactive, potentially active, or definitely active. Den avoidance, monitoring, and destruction methods must adhere to those prescribed for SJKF avoidance and minimization (BIO-14). The project owner is to submit a report to the CPM and CDFG no less than 10 days prior to the start of any ground disturbing activities or construction equipment staging that describes when surveys were completed, observations, and proposed impact minimization measures. Within 30 days after completion of construction of the project, the project owner must

provide to the CDFG and CPM a written construction termination report identifying how impact minimization measures have been completed.

The initial AMBA preconstruction survey occurred on May 31, 2011, and several follow-up surveys occurred associated with the progression of wildlife exclusion fencing (BIO-7). No AMBA or their sign (scat or tracks) were observed during preconstruction surveys. A total of nine potential SJKF dens, which were also considered potentially suitable for AMBA, were detected during the May 31 survey within 200 feet of the project. Seven of the nine burrows excavated by the DB and/or BMs in June and July 2011 were determined to be unoccupied by SJKF and AMBA, thus they were subsequently backfilled to prevent future occupation by both species. Consistent with the USFWS survey protocol, the other two potential kit fox dens were not excavated because they occur greater than 50 feet from the project site.

During April, no sign of SJKF use was observed at any burrow and no individuals were either observed or reported in the project area. However, on April 18 during the daily inspection of the wildlife exclusionary fence, the DB observed a mammal resembling an American badger. The individual was observed walking in the easterly direction (away from the MEP site) approximately 100 feet northeast of the MEP laydown yard. Although it was not possible to confirm the animal was a badger due to low light conditions, the gestalt of the animal was indicative of badger. Later in the month on April 27, the DB observed a pair of American badgers approximately 2,000 feet east of the transmission line work corridor and north of Kelso Road in a grassy paddock associated with a cattle operation (see Appendix B for a photograph). The pair was observed utilizing a den. In light of the April 27 sighting, the anecdotal observation on April 18 is thought to be one of the badgers that are denning offsite in the livestock paddock. The DB and/or BMs were onsite daily during construction activities and verified project compliance with BIO-13.

2.1.9 BIO-14

BIO-14 requires the project owner to prepare and implement a SJKF Management Plan that includes the following measures, developed in cooperation with USFWS and CDFG: preconstruction surveys; exclusion zones; avoidance measures related to destruction of dens; and avoidance and minimization measures related to construction and operational activities. The project owner is to submit to the CPM, CDFG, and USFWS the final SJKF Management Plan no less than 30 days prior to the start of ground disturbing activities or construction equipment staging. The mitigation measures in the plan must be incorporated into the BRMIMP within 10 days of completion of the plan, and implemented. The project owner is to submit a report to the CPM and CDFG at least 10 days prior to the start of any ground disturbing activities or construction equipment staging that describes when surveys were completed, observations, and proposed minimization measures. No less than 30 days after completion of construction of the project linears, the project owner must provide to the USFWS, CDFG, and CPM a written construction termination report identifying how impact minimization measures in the plan have been completed.

The SJKF management plan was submitted to the CPM and USFWS on April 25, 2011. The initial SJKF preconstruction survey occurred on May 31, 2011, and several follow-up surveys associated with the progression of wildlife exclusion fencing (BIO-7) occurred during June. No SJKF or their sign (scat or tracks) were observed during preconstruction

surveys. A total of nine potential SJKF dens were detected during the May 31 survey. In accordance with the management plan and USFWS Biological Opinion, seven burrows were excavated carefully by the DB and/or BMs in June and July 2011 were determined to be unoccupied by SJKF and AMBA, thus they were subsequently backfilled to prevent future occupation by both species.

No SJKF were observed or reported in the project area during April 2012. The DB and/or BMs were onsite daily during construction activities and verified project compliance with BIO-14.

2.1.10 BIO-15

BIO-15 requires that if construction occurs during the SWHA breeding season (March through August), a preconstruction nest survey must be conducted within 30 days prior to the beginning of construction activities by a qualified biologist in order to identify active nests in the project site vicinity. Surveys are to be conducted according to the *Recommended Timing and Methodology for Swainson's Hawk Nesting Surveys in California's Central Valley*. If active nests are found within 0.5 mile of the project disturbance area, an initial temporary nest disturbance buffer must be established. If project related activities within the temporary nest disturbance buffer are determined to be necessary during the nesting season (approximately March 1 and September 1), then a biologist experienced with raptor behavior must be retained by the project owner to monitor the nest, and must, along with the project owner, consult with the CPM and CDFG to determine the best course of action necessary to avoid nest abandonment or take of individuals. The DB or BM approved for raptor monitoring must be onsite daily while construction related activities are taking place and must have the authority to stop work if raptors are exhibiting agitated behavior. In consultation with the CPM and CDFG and depending on the behavior of the raptors, over time it may be determined that the onsite biologist/monitor may no longer be necessary due to the raptors' acclimation to construction related activities. The project owner must submit a report to the CPM and CDFG no less than 10 days prior to the start of any ground disturbing activities or construction equipment staging, that describes when SWHA surveys were completed, identification and qualifications of the biologist conducting the surveys, observations, and, if required, updates to the BRMIMP based upon findings.

A single active SWHA nest was observed during preconstruction surveys (BIO-8) approximately 0.48 mile west of the MEP site in early summer 2011. Because the project lies within 0.5 mile of the nest site, the DB consulted with CEC and CDFG on June 10, 2011, and was authorized to reduce the avoidance buffer from 0.5 to 0.48 mile. During daily monitoring that followed, it was determined by the DB that the nesting pair due to undetermined natural causes abandoned the nest site. The DB and/or BMs monitored the abandoned nest site weekly thereafter for any signs of re-occupancy. Potential nesting activity was observed on April 24 at the 2011 nest site. Due the 0.48-mile distance from the MEP site, the nesting pair did not shows signs of distress as a result of the project. The DB and/or BMs were onsite daily during construction activities and verified project compliance with BIO-15. The DB and/or BMs will continue to monitor the activities of the SHWAs for any signs of distress.

2.1.11 BIO-17

BIO-17 requires avoidance and minimization of impacts to wetlands and waters. No less than 10 days prior to ground disturbance, the project owner must provide the CPM, CDFG, and USFWS with a report identifying the location of any protective fencing, including a figure and photographs that show the fencing. If bentonite will be used, an Emergency Spill Response Plan, a "Frac-out" Monitoring Plan, and a Biological Monitoring Plan must be submitted to the CDFG for review and comment and to the CPM for approval no less than 30 days prior to the start of project ground-disturbing activities. Plan approval must be obtained before construction using bentonite may commence. The project owner must report monthly to the CPM, CDFG, and USFWS for the duration of construction on the implementation avoidance and minimization measures. Within 30 days after completion of construction the project owner must provide to the USFWS, CDFG, and CPM a written construction termination report identifying how mitigation measures have been completed.

Starting on June 14, 2011, wildlife exclusion fencing and worker exclusion fencing (BIO-7) were installed for the protection of wetland and waters. No bentonite will be used during project construction; therefore, a frac-out monitoring plan will not be necessary. No impacts to wetlands and other jurisdictional waters occurred during April. Construction work along the transmission line corridor avoided Swale 1 (SW-1), Swale 2 (SW-2) and Drainage 2a (D-2a) by using trench plates. Plates were previously installed at D-2a in late December 2011 and they were reinstalled at SW-1 and SW-2 in January 2012. As part of transmission line completion, these plates were removed March 13-14, 2012. The DB and/or BMs were onsite daily during construction activities and verified project compliance with BIO-17, USACE Nationwide Permit, and RWQCB Water Quality Certification.

2.2 Worker Environmental Awareness Program

The WEAP was developed exclusively for MEP. Program materials include a worker handbook, training video, posted speed limit signs and sensitive species awareness supporting posters. As required by the CEC COC BIO-5, all new employees must attend the WEAP. A total of 62 personnel received WEAP training in April. The onsite deputy Environmental Compliance Manager (ECM) administered the WEAP training to new employees. Copies of the signed training logs are kept on file at the construction site.

SECTION 3

Summary of Site Activities and Monitoring Observations

This section provides a weekly summary of April project activities and associated biological monitoring. A cumulative wildlife species list is included in Appendix A. During April, the DB and/or BMs Steve Sykes or G.O. Graening were onsite daily during project construction. The DB and/or BMs complete logs summarizing activities, personal interactions, and observations made during each site visit. Monitoring visits by the DB and/or BMs were conducted daily to document permit compliance. These logs are available on request. Representative photographs are included in Appendix B. Wildlife Observation Forms completed by the DB and BMs when wildlife was directly encountered during construction activities in April are included below in Appendix C.

Beginning in February, and continuing into April 2012, the prime contractor (LG Constructors) and its subcontractors worked six days per week, including Saturdays, to keep the construction schedule on track. The DB and/or BMs were onsite six days per week as well.

3.1 Week 45 (April 2–7)

All project work during Week 45 remained within the boundaries of the MEP site. Site work included installation of underground conduits and electrical wiring, construction of the perimeter security fence, placement of rock within the new switchyard, and installation of other various above ground infrastructure. On April 4, the subcontractor began installation of the permanent wire mesh barrier, which is being attached to the site security fence to discourage movement by CRLF and CTS into the power plant site during the operational life of the project. The mesh barrier is in compliance with BIO-10 and Condition 25 of the project's USFWS Biological Opinion. A representative photograph of the mesh barrier is included in Appendix B.

During daily inspections of the wildlife exclusionary fence around the MEP site, the DB and/or BMs made minor repairs from damage caused by strong winds and holes made underneath the fence by ground squirrels. The DB and/or BMs checked electrical vaults on the main site each morning for entrapped wildlife; none were observed or reported. No animals were found in open trenches or vaults this week.

All site disturbances remained inside the approved work boundary, which was delineated by the worker and wildlife exclusion fencing. No special-status species, including BUOW, CRLF, CTS, SJKF, AMBA, or WPT, were observed or reported within the construction site during Week 45. During Week 45, the project complied with all biological resources COCs and with the conditions of the USACE, USFWS, and RWQCB permits.

3.2 Week 46 (April 9–14)

All project work during Week 46 remained within the boundaries of the MEP site. Site work included continued installation of underground conduits and electrical wiring, construction of the perimeter security fence, placement of base rock, and installation of other various above ground infrastructure.

During daily inspections of the wildlife exclusionary fence around the MEP site the DB and/or BMs made minor repairs from damage caused by strong winds and holes made underneath the fence by ground squirrels. The DB and/or BMs checked electrical vaults on the main site each morning for entrapped wildlife; none were observed or reported.

On April 13, BM Steve Sykes found a dead western toad (*Bufo boreas*) on Kelso Road, approximately 0.1 mile east of Bruns Road. The cause of death is likely due to public or project-related vehicle traffic. The BM removed the carcass from the road and buried it offsite. A wildlife observation form documenting this wildlife encounter is included in Appendix C.

No animals were found in open trenches or vaults this week. All site disturbances remained inside the approved work boundaries, which were delineated by the worker and wildlife exclusion fencing. No special-status species, including BUOW, CRLF, CTS, SJKF, or AMBA, were observed or reported within the construction site during Week 46. During Week 46, the project complied with all biological resources COCs and with the conditions of the USACE, USFWS, and RWQCB permits.

3.3 Week 47 (April 16–21)

All project work during Week 47 remained within the boundaries of the MEP site. Site work included continued installation of underground conduits and electrical wiring, construction of the perimeter security fence, placement of base rock, and installation of other various above ground infrastructure. During daily inspections of the wildlife exclusionary fence around the MEP site the DB and/or BMs made minor repairs from damage caused by strong winds and holes made underneath the fence by ground squirrels. The BMs checked electrical vaults on the main site each morning for entrapped wildlife; none were observed or reported.

On April 20, a site worker observed a potentially injured gopher snake (*Pituophis catenifer catenifer*) within the MEP. Under the direction of the DB, who was offsite at the time of the call, the worker moved the snake to a safe offsite location (Appendix C).

All site disturbances remained inside the approved work boundary, which was delineated by the worker and wildlife exclusion fencing. Minor repairs were made to worker and wildlife exclusion fencing due to strong winds. No special-status species, including BUOW, CRLF, CTS, SJKF, or WPT, were observed or reported within the construction site during Week 47. The DB observed a potential AMBA within 100 feet of the project site on April 18. During Week 47, the project complied with all biological resources COCs and with the conditions of the USACE, USFWS, and RWQCB permits.

3.4 Week 48 (April 23–28, 30)

Project work during Week 48 occurred within the boundaries of the MEP site and within the transmission line corridor. On April 26-27, subcontractor Newtron spliced new fiber optic cable at pole 8. The DB and/or BM remained onsite with the splicing crew. MEP site work included continued installation of underground conduits and electrical wiring, construction of the perimeter security fence, placement of base rock, and installation of other various above ground infrastructure.

On April 26, BM Steve Sykes found a dead juvenile western toad and dead gopher snake on Kelso Road approximately 0.2 mile east of the Bruns Road intersection. The cause of death of both animals is likely due to public or project-related vehicle traffic (Appendix C). On April 27, a site worker reported to the onsite DB a live gopher snake near the MEP employee parking area. The DB moved the snake to a safe offsite location (Appendix C).

During daily inspections of the wildlife exclusionary fence around the MEP site the DB and/or BMs made minor repairs from damage caused by strong winds and holes made underneath the fence by ground squirrels. The BMs checked electrical vaults on the main site each morning for entrapped wildlife; none were observed or reported. On April 28, a local beekeeper reported to the MEP site to collect a small swarm of bees that had started building a hive within the work area. Site workers considered the presence of the bees a safety concern.

All site disturbances remained inside the approved work boundary, which was delineated by the worker and wildlife exclusion fencing. No special-status species, including BUOW, CRLF, CTS, SJKF, or WPT, were observed or reported within the construction site during Week 48. On April 27, the DB observed an AMBA pair denning approximately 2,000 feet from the project area in a livestock paddock. During Week 48, the project complied with all biological resources COCs and with the conditions of the USACE, USFWS, and RWQCB permits.

Appendix A
Cumulative Wildlife Species Observed In or Near the Project Area

APPENDIX A

Cumulative Wildlife Species Observed In or Near the Project Area

TABLE A-1
Cumulative (Vertebrate) Wildlife Species Observed In or Near the MEP Area

Common Name	Scientific Name
Birds	
Mallard	*Anas platyrhynchos*
Great blue heron	*Ardea herodias*
Turkey vulture	*Cathartes aura*
White-tailed kite	*Elanus leucurus*
Northern harrier	*Circus cyaneus*
Red-tailed hawk	*Buteo jamaicensis*
Swainson's hawk	*Buteo swainsoni*
American kestrel	*Falco sparverius*
Killdeer	*Charadrius vociferus*
Common snipe	*Gallinago gallinago*
Gull	*Larus* sp.
Rock dove (*exotic*)	*Columba livia*
Mourning dove	*Zenaida macroura*
Barn owl	*Tyto alba*
Burrowing owl	*Athene cunicularia*
Black phoebe	*Sayornis nigricans*
Loggerhead shrike	*Lanius ludovicianus*
Western scrub-jay	*Aphelocoma californica*
American crow	*Corvus brachyrhynchos*
Common raven	*Corvus corax*
Horned lark	*Eremophila alpestris*
Cliff swallow	*Petrochelidon pyrrhonota*
Barn swallow	*Hirundo rutica*
Northern mockingbird	*Mimus polyglottos*
European starling (*exotic*)	*Sturnus vulgaris*
Red-winged blackbird	*Agelaius phoeniceus*
Tricolored blackbird	*Agelaius tricolor*
Brewer's blackbird	*Euphagus cyanocephalus*
Western meadowlark	*Sturnella neglecta*
Brown-headed cowbird	*Molothrus ater*
House finch	*Carpodacus mexicanus*
House sparrow (*exotic*)	*Passer domesticus*
Mammals	
Red fox *(exotic)*	*Vulpes vulpes*
American badger	*Taxus taxidea*
Black-tailed hare	*Lepus californicus*
California ground-squirrel	*Spermophilus beecheyi*
Audubon's cottontail	*Sylvilagus audubonii*
California pocket mouse	*Chaetodipus californicus*
Botta's pocket gopher	*Thomomys bottae*
Coyote	*Canis latrans*
Dog	*Canis (lupus) familiaris*
Reptiles	
California kingsnake	*Lampropeltis getula californiae*
Pacific gopher snake	*Pituophis catenifer catenifer*
Western fence lizard	*Sceloporus occidentalis*
Western pond turtle	*Actinemys marmorata*
Amphibians	
Western toad	*Bufo boreas*
Pacific tree frog (formerly Chorus frog)	*Pseudaris sierra* (formerly *Pseudacris regilla*)

Appendix B
Representative Site Photographs

APPENDIX B

Representative Site Photographs

PHOTO 1
View looking south at the MEP site of the new perimeter security fence being installed (note the new fence posts).
Photo taken: 4/3/12

PHOTO 2
View looking west of the CRLF and CTS wire mesh barrier being installed on the perimeter security fence.
Photo taken: 4/5/12

PHOTO 3
View looking southeast at the MEP site of electrical conduit being placed in open trench.
Photo taken: *4/16/12*

PHOTO 4
View looking northwest at the transmission line corridor of Newtron splicing fiber optic cable at Pole 8.
Photo taken: 4/27/12

PHOTO 5
View looking north of an American badger denning 2,000 feet offsite in the paddock of a cattle operation.
Photo taken: 4/27/12

Appendix C
Wildlife Observation Forms

WILDLIFE OBSERVATION FORM

To Record Animals Found In Mariposa Energy Project Work Areas

To be filled out by personell who find active nest sites and burrows, dens, and dead or injured wildlife, or other biological resources during daily construction activities.

Name of employee: Steve Sykes

Date: 4/13/12

Location of observation:
On Kelso Road, 0.1 mile east of Kelso Rd/Bruns Rd. intersection

Wildlife Species: Western Toad - Adult

Condition of wildlife:

alive [ ] dead [X]

Possible cause of injury or death:
road mortality

Where is the animal currently?
buried offsite

Is the resource in danger of project (or other) impacts?
NO

Comments:

Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Game (CDFG) and United States Fish and Wildlife Service (USFWS) to protect fish, wildlife and vegetation from construction impacts.

DESIGNATED BIOLOGIST: Todd Ellwood Cell (408) 839-2402 Office (415) 541-7220
BIOLOGICAL FIELD MONITORS: TBD

COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600

WILDLIFE OBSERVATION FORM

To Record Animals Found In Mariposa Energy Project Work Areas

To be filled out by personell who find active nest sites and burrows, dens, and dead or injured wildlife, or other biological resources during daily construction activities.

Name of employee: Philip Merli

Date: 4-20-2012

Location of observation:

NE MAIN ROAD NEAR THE WATER TANKS @ THE FENCE

Wildlife Species: PACIFIC GOPHER SNAKE

Condition of wildlife:

alive [✓] dead [ ]

Possible cause of injury or death:

THE TAIL MAY HAVE BEEN RUN OVER BUT THE SNAKE REMAINED ALERT & AGILE

Where is the animal currently?

THE SNAKE WAS PLACED IN THE GRASS ON THE OPPOSITE SIDE OF THE CONTAINMENT FENCE THEN IT MOVED AWAY.

Is the resource in danger of project (or other) impacts?

NO

Comments:

Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Game (CDFG) and United States Fish and Wildlife Service (USFWS) to protect fish, wildlife and vegetation from construction impacts.

DESIGNATED BIOLOGIST: Todd Ellwood Cell (408) 839-2402 Office (415) 541-7220
BIOLOGICAL FIELD MONITORS: TBD

COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600

WILDLIFE OBSERVATION FORM

To Record Animals Found In Mariposa Energy Project Work Areas

To be filled out by personell who find active nest sites and burrows, dens, and dead or injured wildlife, or other biological resources during daily construction activities.

Name of employee: Steve Sykes

Date: 4/26/12

Location of observation:
on Kelso Rd., 0.2 mile ~~[illegible]~~ east of Kelso Rd./Bruns Rd. intersection

Wildlife Species: Western Toad - juvenile

Condition of wildlife:
alive [ ] dead [X]

Possible cause of injury or death:
road mortality

Where is the animal currently?
buried off site

Is the resource in danger of project (or other) impacts?
No

Comments:

Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Game (CDFG) and United States Fish and Wildlife Service (USFWS) to protect fish, wildlife and vegetation from construction impacts.

DESIGNATED BIOLOGIST: Todd Ellwood Cell (408) 839-2402 Office (415) 541-7220
BIOLOGICAL FIELD MONITORS: TBD

COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600

WILDLIFE OBSERVATION FORM

To Record Animals Found In Mariposa Energy Project Work Areas

To be filled out by personell who find active nest sites and burrows, dens, and dead or injured wildlife, or other biological resources during daily construction activities.

Name of employee: Steve Sykes

Date: 4/26/12

Location of observation:
On Kelso Road, 0.2 mile east of Kelso Rd./Brans Rd. intersection

Wildlife Species: Gopher Snake - 3 ft. long
Condition of wildlife:
alive [ ] dead [X]

Possible cause of injury or death:
road mortality

Where is the animal currently?
buried off site

Is the resource in danger of project (or other) impacts?
NO

Comments:

Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Game (CDFG) and United States Fish and Wildlife Service (USFWS) to protect fish, wildlife and vegetation from construction impacts.

DESIGNATED BIOLOGIST: Todd Ellwood Cell (408) 839-2402 Office (415) 541-7220
BIOLOGICAL FIELD MONITORS: TBD

COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600

WILDLIFE OBSERVATION FORM

To Record Animals Found In Mariposa Energy Project Work Areas

To be filled out by personell who find active nest sites and burrows, dens, and dead or injured wildlife, or other biological resources during daily construction activities.

Name of employee:
TODD ELLWOOD

Date:
4-27-12

Location of observation:
MEP EMPLOYEE PARKING AREA

Wildlife Species: Gopher snake

Condition of wildlife:
alive [X] dead [ ]

Possible cause of injury or death:
n/a

Where is the animal currently?
Moved north to outside project area

Is the resource in danger of project (or other) impacts?
No

Comments:
Approx. 4-5 foot long snake found onsite by electrician.

Please contact the Designated Biologist for questions and to report any wildlife, nest, or den in the project area that could be disturbed. The Designated Biologist will advise personnel on measures required by California Department of Fish and Game (CDFG) and United States Fish and Wildlife Service (USFWS) to protect fish, wildlife and vegetation from construction impacts.

DESIGNATED BIOLOGIST: Todd Ellwood Cell (408) 839-2402 Office (415) 541-7220
BIOLOGICAL FIELD MONITORS: TBD

COMPANY: CH2MHILL ADDRESS: 2485 Natomas Park Drive, St. 600

Cultural Resources Monthly Reports

Monthly Report of Cultural Resources Monitoring Activities for the Mariposa Energy Project – April 2012; Condition of Certification CUL-6

PREPARED FOR: Bo Buchynsky/Mariposa Energy, LLC
James Spicer/Mariposa Energy, LLC
Debi Hertz/CH2M HILL
Keith McGregor/CH2M HILL
Doug Urry/CH2M HILL

PREPARED BY: Clint Helton/CRS

REPORTING FOR PERIOD: April 2012

This report covers cultural resources monitoring activities at MEP for the month of April 2012, as required by Conditions of Certification CUL-6.

Personnel Active in Cultural Monitoring This Period

Cultural Resources Specialist (CRS) Clint Helton was on-call this month.

Monitoring and Associated Activities This Period

No monitoring occurred this month. As per CUL-6, monitoring will be required if discovery of a CRHR-eligible cultural resource occurs.

Cultural Resources Discoveries This Period

No new cultural resources discoveries were made this month.

Anticipated Changes in the Next Period

The CRS will remain on-call to respond to discoveries if they occur.

Comments, Issues, or Concerns

None.

Paleontological Resources Monitoring Report

Mariposa Energy Center (MEP) Condition of Certification (COC) PAL-5 Paleontological Resources Monitoring Report for Construction – April, 2012

PREPARED FOR: Bo Buchynsky/Mariposa Energy, LLC
James Spicer/Mariposa Energy, LLC
Debi Hertz/CH2M HILL
Keith McGregor/CH2M HILL
Doug Urry/CH2M HILL

PREPARED BY: Levi Pratt, Staff Paleontologist
W. G. Spaulding, Paleontological Resources Specialist (PRS)

DATE: May 3, 2012

This paleontological resources monthly compliance report (MCR) for the MEP covers the period of April, 2012.

Personnel On Call for Paleontological Monitoring This Period:

Jaspal Saini- Paleontological Resources Monitor (PRM)
Levi Pratt- PRM

Training Conducted This Month

All new construction personnel attended the CEC approved Worker Environmental Awareness Program (WEAP) training prior to working on this project.

Monitoring Conducted This Month

No excavations occurred in paleontologically sensitive areas. Because no paleontologically sensitive sediments were affected this last month, no paleontological resources monitoring was conducted.

Changes In the Future

No changes to the current paleontological resources monitoring schedule are necessary. Once ground disturbance is complete, a Paleontological Resources Report (PRR) will be prepared (PAL-7).

Paleontological Discoveries This Month

No paleontological resources were encountered during this reporting period.

Comments, Issues or Concerns

No issues or concerns were encountered during this period.

Stormwater Management Monthly Report

Monthly Summary of the Drainage, Erosion, and Sediment Control Plan Implementation for the Mariposa Energy Project – April 2012 (Condition of Certification SOIL&WATER-1)

PREPARED FOR: Bo Buchynsky/Mariposa Energy, LLC
James Spicer/Mariposa Energy, LLC

PREPARED BY: Mieke Sheffield/CH2M HILL

COPIES: Keith McGregor/CH2M HILL
Debi Hertz/CH2M HILL
Doug Urry/CH2M HILL
Stephanie Moore/CH2M HILL

DATE: May 8, 2012

The California Energy Commission (CEC) Condition of Certification SOIL&WATER-1 requires an analysis of the effectiveness of the drainage-, erosion-, and sediment-control measures and the results of the monitoring and maintenance activities. The purpose of this technical memorandum is to summarize the effectiveness of the drainage, erosion, and sediment control measures implemented for the Mariposa Energy Project and the results of associated monitoring and maintenance activities during April 2012.

Construction activities during this month continued with emphasis on construction of aboveground utilities; construction of permanent structures; establishing final grade; placing and compacting base rock; the delivery, offloading, and installation of equipment; and commissioning activities.

With exception of areas along the eastern fenceline and northeast property corner, vegetation has been established at the areas hydroseeded in December 2011. Vegetation is patchy at the gas pipeline area hydroseeded on February 27, 2012.

The site received 1.22 inches of precipitation during the month of April 2012.

The QSP designee continued to monitor adherence to good housekeeping practices and implementation/maintenance of Best Management Practices (BMPs) as outlined in the project's Drainage, Erosion, and Sediment Control Plan (DESCP) and Stormwater Pollution Prevention Plan (SWPPP). No amendments to the DESCP/SWPPP were needed this month.

Site inspections were conducted prior to a forecasted rain event of 50 percent or greater, every 24 hours during extended rain events, and/or weekly by the project's QSD or QSP designee (i.e., site visits were conducted on April 6, 11, 12, 13, 19, and 25, 2012).

Any concerns noted with BMP implementation/maintenance were communicated to the responsible contractor and correction of the issues was monitored by the QSP designee. The following issues were documented during the site inspections:

April 6, 2012:

- Reposition fiber rolls at end of the day
- Place five barrels with hazardous material in secondary containment and under cover
- Label barrel with used welding rods
- Pick up litter at northeast corner and along eastern property boundary
- Post spill-reporting and cleanup procedures

April 11, 2012:

- Sweep mud tracked onto roadway
- Cover grout operation prior to rain event
- Cover dumpster prior to rain event
- Post spill-reporting and cleanup procedures

April 12, 2012:

- Cover grout skid prior to rain event
- Remove cardboard near access road
- Cover waste bins prior to rain event
- Repair squirrel hole in silt fence at northeast corner; add 2 straw bales at same location; remove sediment deposits, as needed
- Post spill-reporting and cleanup procedures

April 13, 2012:

- Cover grout skid prior to rain event
- Remove cardboard near access road
- Post spill-reporting and cleanup procedures

April 19, 2012:

- Pick up litter near trailers and along the stormwater detention pond fence

April 25, 2012:

- Place fiber roll at stockpile
- Pick up litter along eastern fence
- Provide two waste bins with covers

Exhibit 10
WEAP Training Sign-In Sheets

Mariposa Energy Project
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 4-30-12

PLEASE NOTE:
By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Daniel Simon	Daniel Simon	Emerson Electric
MICHAEL HARNACK	[signature]	TECHNET corp
Paul Nielsen	Paul Nielsen	Quality sound
PAT SCHULTE	P Schulte	PG&E
PETER BECK	P. Beck	PG&E
Nick Brener	[signature]	PG&E

10

Mariposa Energy Project
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 4/27/12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
ROGER MORSHEAD	Roger Morshead	PG&E / NAT. GAS OPERATIONS
GARY KRAHMER	Gary Krahmer	PG&E / NAT GAS OPERATION
DAN GARNETT	Dan Garnett	PG&E / NAT GAS OPERATIONS
Christine Rupnik	Christine Rupnik	Diamond Generating Corp / Admin Assistant
JOHN BABA	John Baba	DIAMOND GENERATING / ADMIN ASSISTANT

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM

TRAINING SIGN-IN SHEET

(Biology, Archaeology & Paleontology)

DATE: 4/25/12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Bryan Sison	Bryan	Bayside Insulation

Mariposa Energy Project
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: ~~3~~ 4/23/12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Phil Grixti	[illegible]	Bayside Insulation
CARLOS WARREN	[illegible]	Bayside Insulation
Alejandro Valencia	[illegible]	Bayside Insulation
Shawna Arrington	[illegible]	NLS / Biologist
Juan Covarrubias	Juan C.	Techno Coatings, Inc
Jose Acosta	Jose Acosta	Techno Coatings, Inc

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM

TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE 4/18/12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
PETE MEADOWS	[illegible]	PG&E - FOREMAN
ADAM GOODWIN	[illegible]	PG&E
Beenice Shepherd	[illegible]	Diamond - admin

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM

TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 4/17/12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Robert Ramsey	[illegible]	CCE
WAYNE ELLIS	[illegible]	A.A.S.

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM

TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 4/16/12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Jaime Canas	[illegible]	Quality Sound / Lead
Brian Seeton	[illegible]	CCE / I&C

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM

TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 4/13/12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
CRAIG COCHRAN	[illegible]	Power Industries / Start up

Mariposa Energy Project
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 4-11-2012

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
JESSE VIZUET	Jesse Vizuet	AZCO
JERREL JOHNSON	[illegible]	AZCO
LIONEL SIGNAS	Lionel Signas	AZCO
MATT DISHER	[illegible]	Southwest Networks
Chris Blosser	[illegible]	Southwest Networks
ED WIRTH	[illegible]	CH2MHILL

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM

TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 4-9-2012

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
Steve Wott	Steve Wott	VFC Inc.
Adam Levorio	[illegible]	VFC Inc.
Jorio Amaral	[illegible]	miller pavieling
Steven Hogan	[illegible]	I/E Tech.

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM

TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE 4/6/11

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role
FREDDY DAVIS		AZCO
ROBERT FIERRES		AZCO
ROSCOE UNTAL		NEWTRON

Mariposa Energy Project
WORKER AWARENESS ENVIRONMENTAL PROGRAM
TRAINING SIGN-IN SHEET
(Biology, Archaeology, & Paleontology)

DATE: 04-04-12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role	
Kyle Bennett	Kyle Bennett	PG&E / Telcom	no
Ken Mayeux	Ken Mayeux	CH2MHill	
MARC LISING	[illegible]	PG&E / TELECOM PVT	no
Corteney Tuggle	[illegible]	PG&E	yes
John E. Dozal	[illegible]	PG&E	yes
GARY PARKS	[illegible]	PG&E	yes
DAVID CAUNA	David Cauna	PG&E	no
THOMAS PAYAN	Thomas Payan	PG&E	yes
Gary Bryant	[illegible]	PGEE	yes
FRANK LOWE	[illegible]	P.G.&E.	yes
Tim Johnson	[illegible]	AZCO	
CRAIG CANDIDO	[illegible]	PG&E	yes
William Bulusk	W Bulusk	P.G.&E.	yes
Edward M. Tolell	Edward M. Tolell	PGE	yes

14

Mariposa Energy Project

WORKER AWARENESS ENVIRONMENTAL PROGRAM

TRAINING SIGN-IN SHEET

(Biology, Archaeology, & Paleontology)

DATE: 4/2/12

PLEASE NOTE:

By signing below, I acknowledge that I have attended the Worker Environmental Awareness Program Training for the Mariposa Energy Project, and I agree to comply with all the environmental requirements presented.

Name (print)	Name (signature)	Company/Role	
Reynaldo Lupiani		PGE	no
Ricky Wolfe		PGE	no
Edward Kelling		PG&E	no
Donovan Macenen		PG&E	no
John Esellne		PMI	
Cory Giles		Collins	
James Lee		PG+E	no
ALEX RODRIGUEZ		AZCO	
CHUCK LEONARD		PMI	

Exhibit 11
Construction Safety Reports

Health, Safety, Security, and Environment

Project Name: Mariposa Energy Project Month/Year: April / 2012

Leading Safety Indicators				
Category	**Month**	**YTD**	**PTD**	**Comments**
HSSE Orientations	56	426	922	
Safe Behavior Observations (SBO)	62	138	439	
SBO % Safe – (# Conducted/Goal)	99%	99%	99%	
Pre-Task Plans (PTP)	312	1351	2341	
Tasks Performed w/o PTP	0	0	0	
HSSE Audits	1	7	11	
Audit Items (Past Target Date)	0	0	0	
Safety Committee Meetings	0	3	3	
HSE Training Hours	112	852	1602	
Emergency Response Drills	0	0	0	

Incident Summary			
Date	**Incident Type (Injury, Near Miss, Spill, etc.)**	**Employer**	**Description/Corrective Actions**
4/18	First Aid	LG Constructors	An employee tripped on the deck at the offices and strained the ankle. Ice was applied.
4/25	Spill	LG Constructors	A 4.5 gallon spill of transformer oil occurred, as an employee was lifting the oil bucket out of the containment area.

HSSE Accomplishments/Activities/Concerns	

Exhibit 12
CBO Submittal Approvals

MECH-1

Hertz, Debi/SAC

From: energyusa@us.bureauveritas.com
Sent: Monday, April 09, 2012 12:08 PM
To: Hertz, Debi/SAC
Cc: energyusa@us.bureauveritas.com
Subject: Mariposa Energy Project Project Plans Updated in Mariposa Energy Project

The Project Plans MECH-1-9.0X3 - MEP 415059 UG Piping ORTHOs - PC1 for the Project Mariposa Energy Project was uploaded to BVNet

Client: Mariposa Energy Project
Due Date:

Category	Date	File	Comments
Plan Checks - Pending			
Plan Checks - Reviewed			
CBO Approved	Mon Apr 09 00:00:00 CEST 2012	P-PU510_R1_STAMPED_signed.pdf	
CBO Conditionally Approved			
CBO Review-Comments			
CBO Reference Only			
Superseded			

Updated by : Tomajic, Barbara
https://bvnet2.bureauveritas.com

STRUC-1

Hertz, Debi/SAC

From: susan.coddington-allen@us.bureauveritas.com
Sent: Friday, April 27, 2012 4:14 PM
To: j.spicer@dgc-us.com; b.buchynsky@dgc-us.com; McGregor, Keith/SAC; Nobe, Jeff/DEN; g.normoyle@dgc-us.com; Urry, Doug/SAC; Hertz, Debi/SAC; Banta, Kelly/DEN
Cc: barbara.tomajic@us.bureauveritas.com; christy.pinney@us.bureauveritas.com; gloria.cochran@us.bureauveritas.com; jamie.saldana@us.bureauveritas.com; shamica.zenn@us.bureauveritas.com; keith.long@us.bureauveritas.com
Subject: Mariposa – STRUC-1-35.0X1 - MEP 415059 Concrete Mix Design - PC1 - Approved

Hello,

The Mariposa submittal, STRUC-1-35.0X1 - MEP 415059 Concrete Mix Design - PC1, has been reviewed and approved. You will find the documents on BVnet under the respective title. Feel free to contact me with any questions or concerns.

Respectfully,

Susan Coddington-Allen
CBO Project Coordinator – Power & Utilities
Bureau Veritas North America, Inc.
180 Promenade Circle #150
Sacramento, CA 95834
P: 916.514.4510
F: 916.617.2068
susan.coddington-allen@us.bureauveritas.com
www.us.Bureauveritas.com/energyusa
ISO 9001:2000 Certified
NOTICE:
This message contains information which is confidential and the copyright of our company or a third party. If you are not the intended recipient of this message, please delete it and destroy all copies. If you are the intended recipient of this message, you should not disclose or distribute this message to third parties without the consent of our company. Our company does not represent, warrant and/or guarantee that the integrity of this message has been maintained, nor that the communication is free of virus, interception, or interference. The liability of our company is limited by our General Conditions of Services.

"NOTICE: This message contains information which is confidential and the copyright of our company or a third party. If you are not the intended recipient of this message please delete it and destroy all copies. If you are the intended recipient of this message you should not disclose or distribute this message to third parties without the consent of our company. Our company does not represent, warrant and/or guarantee that the integrity of this message has been maintained nor that the communication is free of virus, interception or interference. The liability of our company is limited by our General Conditions of Services."

Hertz, Debi/SAC

From: susan.coddington-allen@us.bureauveritas.com
Sent: Thursday, April 26, 2012 1:56 PM
To: Hertz, Debi/SAC
Subject: Fw: Mariposa – STRUC-1-37.0 - MEP 415059 High Strength Bolting (HSB) Inspection Procedure - PC1 - Approved

Hello,

The Mariposa submittal, STRUC-1-37.0 - MEP 415059 High Strength Bolting (HSB) Inspection Procedure - PC1, has been reviewed and approved. You will find the documents on BVnet under the respective title. Feel free to contact me with any questions or concerns.

Respectfully,

Susan Coddington-Allen
CBO Project Coordinator – Power & Utilities
Bureau Veritas North America, Inc.
180 Promenade Circle #150
Sacramento, CA 95834
P: 916.514.4510
F: 916.617.2068
susan.coddington-allen@us.bureauveritas.com
www.us.Bureauveritas.com/energyusa
ISO 9001:2000 Certified
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"NOTICE: This message contains information which is confidential and the copyright of our company or a third party. If you are not the intended recipient of this message please delete it and destroy all copies. If you are the intended recipient of this message you should not disclose or distribute this message to third parties without the consent of our company. Our company does not represent, warrant and/or guarantee that the integrity of this message has been maintained nor that the communication is free of virus, interception or interference. The liability of our company is limited by our General Conditions of Services."

Exhibit 13
Unauthorized Spill Incident Report

Unauthorized Spill Incident Report-Mariposa Energy Project

Construction Activity: Collecting of oil samples from GSU's by start-up crew.

Contractors: LG Construction-General Contractor

Location of Release: Northeast side of GSU 600 concrete pad and adjacent rock and dirt

Date and Time of Release: Tuesday, April 24, 2012 before 2 pm

Reason for Release: Someone attempted to lift a 5 gallon bucket over a containment wall and it knocked over spilling mineral oil onto the concrete pad, rock and dirt.

Volume Released: Approximately 4.5 gallons of mineral oil was released.

Amount of soil/material generated: Approximately 10-12 yards of soil and rock soaked with mineral oil.

How release was managed and material cleaned-up: The entire contents of the bucket were spilled so there was no danger of release of additional materials. The oil covered rock was removed and the soil dug up and placed in double plastic bags. All materials were placed on a pallet and covered with plastic until removal from site.

Reporting: Due to the small volume of mineral oil spilled, the release was not reported to any regulating agencies.

Disposition of any hazardous wastes and/or contaminated soils and materials generated by the release: The bags of oily soil and rock are located in the haz mat containment area and will be removed from the site in three weeks when the subcontractor demobilizes from the site. A hazardous waste manifest will be provided when the dirt leaves the site and when it arrives at the appropriate disposal site.

Relevant COC's: WASTE-7 and SOIL&WATER-1 (SWPPP Plan)

Attachments: LG Incident Report and MSDS on mineral oil.

LG Constructors

Incident Investigation Root Cause

Project no.:	415059	Project name:	Mariposa Energy Project
Site:	Byron California	Date:	April 25 2012
Company:	L.G. Constructors	Relationship:	☐ CM ☐ AE ☒ GC ☐ Sub

Employee Information

Employee name:	Employee occupation:
Employee years of experience:	Employee supervisor:
Incident Information	
Date of incident: April 24 2012	Time of incident: 2:00PM
Work hours: ☒ Normal ☐ Overtime ☐ Call-in	
Date reported to contractor supervision: 4/24/2012	Time reported to contractor supervision: 2:00PM
Date reported to owner representative: 4/24/2012	Time reported to owner representative: 2:30PM
Location of incident on site: G.S.U. 600	Witnesses: None
Incident Investigation—check all that apply	

Outcome	Classification	Body Part Affected		Injury Type	Recording Information
☐ Injury/illness ☐ Near miss ☐ Fire ☐ Explosion ☒ Spill ☐ Property damage ☐ Gas or vapor release ☐ Utility break ☐ Operations interruption ☐ Vehicle accident	☐ Struck by ☐ Struck against ☐ Fall from elevation ☐ Fall from different level ☐ Caught in/ under/ between ☐ Contact with non-toxic material ☐ Contact with toxic material ☐ Contact with corrosive material ☐ Contact with temperature extremes ☐ Contact with electrical current ☐ Lifting/carrying ☐ Slip/trip ☐ Twisting ☐ Rubbed/abraded ☐ Overexertion ☐ Motor vehicle accident ☐ Unclassified	☐ Head ☐ Neck ☐ Face ☐ Nose ☐ Eyes ☐ Mouth/teeth ☐ Ear ☐ Hand ☐ Finger ☐ Shoulder ☐ Elbow ☐ Upper arm ☐ Lower arm	☐ Wrist ☐ Lower leg ☐ Thigh ☐ Knee ☐ Ankle ☐ Toe ☐ Chest ☐ Side ☐ Hip ☐ Back ☐ Abdomen ☐ Internal organs ☐ Other	☐ Amputation ☐ Burn ☐ Concussion ☐ Contusion ☐ Crush ☐ Dislocation ☐ Laceration ☐ Foreign body ☐ Fracture ☐ Sprain/ strain ☐ Dermatitis ☐ Other	☐ First aid only ☐ Recordable injury ☐ Lost time injury ☐ Death ☐ Incident reportable to local authorities

PWF P6-7.1-3
Form Rev: Apr-09

Project no.:	415059	Project name:	Mariposa Energy Project
Site:	Byron California	Date:	April 25 2012

Written description of the incident (who, what, when, where, and how):

An LG Constructors Start-Up employee was collecting oil samples from the G.S.U.'s on Monday the 23rd of April. He was using a 5 gallon bucket to collect the oil as he was flushing the valves. He left the oil inside the containment area over night and uncovered. He went to retrieve it the next afternoon for proper disposal. As he approached the G.S.U., he noticed that the bucket was empty and oil was on the stone and the wall. It appears that someone attempted to lift the bucket over the containment wall and tipped the bucket over, spilling the contents which were estimated at 4.5 gallons of transformer oil. As of this report, no one has stepped forward claiming the spill. The rock and contaminated soil has been removed and the area has been remediated.

Root Cause Investigation Guidelines

Check any applicable potential root cause(s) listed below. Determine the root cause(s) by asking "why" to the facts listed in the Incident Investigation section of this form.

Procedures

- ☐ Not available or inconvenient for use
- ☐ Difficult to use
- ☐ Use of the procedure was not required but should be
- ☐ Followed Incorrectly
- ☐ Format confusing
- ☐ Excess references in procedure
- ☐ Details less than adequate
- ☐ Sequence wrong
- ☐ Facts wrong
- ☐ Situation not covered
- ☐ Wrong revision used

Work Environment

- ☐ Housekeeping poor
- ☐ Hot/cold
- ☐ Poor lighting
- ☐ Noise
- ☐ High radiation/ contamination
- ☐ Cramped quarters
- ☐ Weather (wind, dust...)

Communication

- ☐ Misunderstood verbal communication
- ☐ Standard terminology not used
- ☐ Repeat back not used
- ☐ Long message
- ☐ Noisy environment
- ☐ No communication or untimely

Equipment

- ☐ Design specifications less than adequate
- ☐ Design not to specifications
- ☐ Problem not anticipated
- ☐ Independent review less than adequate
- ☐ Inadequate evaluation of change
- ☐ PM less than adequate
- ☐ No PM
- ☐ PM not being conducted
- ☐ Defective equipment/parts

Management System

- ☐ No standard policy or control
- ☐ Policy or control not strict enough
- ☐ Confusing or incomplete policy or control
- ☐ Technical error in the policy or control
- ☐ Conflicting SOPs
- ☐ Lack of policy or standard enforcement
- ☐ No way to implement the policy or standard
- ☐ No accountability
- ☐ No method of implement-ing the policy or std.
- ☐ Infrequent audits & evaluations
- ☐ Audits & evaluations lack depth
- ☐ No employee feedback
- ☐ Unclear assignment of responsibilities
- ☐ No reinforcement
- ☐ Corrective Actions less than adequate or not yet implemented

Management System

- ☐ Complex System
- ☐ Knowledge-based decision required
- ☐ Monitoring > 3 items at once
- ☐ Extreme judgment/ decision demands
- ☐ Non Fault tolerant system
- ☐ Errors not detectable
- ☐ Error not recoverable

Human Engineering

- ☐ Labels less than adequate
- ☐ Arrangement/placement of the instrument or displays
- ☐ Controls less than adequate
- ☐ Monitoring less than adequate

Training

- ☐ Training was not provided
- ☐ Did not attend provided training
- ☐ Instructions less than adequate
- ☐ Refresher training less than adequate

Based on the identified potential root causes, list factors that could have prevented or mitigated the incident:

1. As no one has stepped forward to claim the spill, no root cause can be determined.
2.
3.
4.
5.

Immediate/short-term actions; required to correct specific unsafe act or condition:

Action Required	Person(s) Assigned	Targeted Completion Date
Clean and remediate area	Craig Bellew	4/24/2012

Project no.:	415059	Project name:	Mariposa Energy Project
Site:	Byron California	Date:	April 25 2012

Long-term actions; needed to address root cause(s) and prevent incident recurrence:

Action Required	Person(s) Assigned	Targeted Completion Date

Investigation participants: CRAIG BELLEW, FRANK BUCHANAN, JUSTIN KNOX

Report completed by (print/sign):		Craig Bellew/	
Job title:	H.S.E. Manager		
Date:	April 25 2012		
Company:	L.G. Constructors	Phone no.:	(209)835-9864

ENV-003 Pictorial 4/24/2012:

Contaminated Rock

Contaminated Rock and Soil

Area after contaminated rock and soil has been removed.

Finished Remediation

MATERIAL SAFETY DATA SHEET

NAME OF PRODUCT *HYTRANS 61*

FILE NUMBER: 2791
DATE REVISED: 6/11/09
SUPERCEDES: 8/15/07

SECTION 1: PRODUCT AND COMPANY IDENTIFICATION

PRODUCT NAME: HYTRANS 61
SYNONYMS: DISTILLATE, PETROLEUM
PRODUCT CODES: 2791
MANUFACTURER: SAN JOAQUIN REFINING CO., INC
DIVISION: BAKERSFIELD
ADDRESS: P.O. BOX 5576, BAKERSFIELD, CA., 93388
EMERGENCY PHONE: (661) 327-4257

HAZARDOUS MATERIALS IDENTIFICATION SYSTEM

HMIS® HAZARD RATING		
4 – SEVERE	HEALTH	1
3 – SERIOUS	FLAMMABILITY	1
2 – MODERATE	REACTIVITY	0
1 - SLIGHT		
0 - MINIMAL		

PREPARED BY: SAN JOAQUIN REFINING CO., INC. HEALTH, SAFETY AND ENVIRONMENTAL DEPARTMENTS

SECTION 2: HAZARDOUS INGREDIENTS / IDENTITY INFORMATION

CHEMICAL FAMILY: DISTILLATE (PETROLEUM) HYDROTREATED LIGHT NAPHTHENIC

HAZARDOUS COMPONENT(S)	CAL-OSHA PEL- TWA (8 HOUR)	ACGIH TLV-TWA (8 HOUR)	OTHER LIMITS RECOMMENDED	% BY WEIGHT
Distillates, Petroleum, Hydrotreated Light CAS No. 64742-53-6	5 mg/m³ (As oil mist)	5 mg/m³ (As oil mist)	None	>99
2, 6-Di-t-butyl-p-cresol (BHT) CAS No. 128-37-0	5 mg/m³ (Nuisance Particulates)	2 mg/m³ (Inhalable aerosol and/or vapor)	10 mg/m³	<1

SECTION 3: HEALTH HAZARDS IDENTIFICATION

ROUTES OF ENTRY:	EYES: Yes	SKIN: Yes	INGESTION: Yes	INHALATION: Yes

POTENTIAL HEALTH EFFECTS:

EYES: Eye contact may result in irritation and redness. Exposure to high concentrations of vapors may be irritating to the eyes.

SKIN: Prolonged and repeated contact can defat the skin, which may result in dryness, dermatitis and cracking of the skin.

INGESTION: Do not ingest. Ingestion may result in nausea or stomach discomfort. If swallowed do not induce vomiting, call a physician.

INHALATION: Fumes may be unpleasant and may produce nausea. Remove the person to fresh air if respiratory discomfort occurs.

MEDICAL CONDITIONS AGGRAVATED BY EXPOSURE:

Persons with preexisting skin or respiratory disorders may have their conditions aggravated by overexposure to this material.

SECTION 4: EMERGENCY AND FIRST AID MEASURES

EYES: Avoid contact with eyes. If contact occurs, immediately flush eyes with water for a minimum of 15 minutes. Seek medical attention immediately.

SKIN: Avoid contact with skin. If contact occurs, wash contact areas with soap and water. Remove and clean oil soaked clothing daily and wash affected area.

INGESTION: Do not induce vomiting. If ingested, seek medical attention.

INHALATION: Not expected to be a problem. However, if respiratory irritation, dizziness, nausea or unconsciousness occurs due to excessive vapor or mist exposure, seek medical attention. If operating conditions create airborne concentrations that exceed the exposure standard, the use of an approved NIOSH/OSHA respirator for organic vapors or air- supplied breathing equipment is recommended.

SECTION 5: FIRE AND EXPLOSION HAZARD DATA

FLAMMABLE LIMITS IN AIR, (% BY VOLUME) UPPER: No data available
LOWER: No data available

FLASH POINT: COC ºF: 293º Minimum

EXTINGUISHING MEDIA: Foam, water fog, dry chemical, CO^2

SPECIAL FIRE FIGHTING PROCEDURES: Do not enter confined fire space without proper protective equipment including self-contained breathing apparatus. See Hazardous Decomposition Products.

HAZARDOUS DECOMPOSITION PRODUCTS: Normal combustion forms carbon dioxide and water vapor, and may produce oxides of sulfur and nitrogen. Incomplete combustion can produce carbon monoxide.

SECTION 6: SPILL OR LEAK PROCEDURES

ACCIDENTAL RELEASE MEASURES: In case of spill, clean up using absorbent material such as earth or sand.

RCRA HAZARD CLASS: This product is not a characteristic hazardous waste under RCRA. No EPA waste numbers are applicable for this product's components.

SECTION 7: HANDLING AND STORAGE

HANDLING AND STORAGE: Avoid fire, sparks or open flame. Wear appropriate personal protective equipment to ensure that this product does not contact the eyes or skin.

VENTILATION: Use adequate ventilation to keep the airborne concentrations of this material below the established exposure standard.

SECTION 8: EXPOSURE CONTROLS/PERSONAL PROTECTION

RESPIRATORY PROTECTION: If operating conditions create airborne concentrations that exceed the exposure standard for this product, the use of an approved NIOSH/OSHA respirator for organic vapors or air supplied breathing equipment is recommended.

EYE PROTECTION: Wear appropriate safety glasses, goggles or full-face shield.

SKIN PROTECTION: Long sleeve cotton shirt and cotton pants are recommended. Wear appropriate gloves.

SECTION 9: PHYSICAL AND CHEMICAL PROPERTIES

APPEARANCE:	Straw colored liquid
ODOR:	Petroleum odor
PHYSICAL STATE:	Liquid
INITIAL BOILING POINT:	560º F
VAPOR PRESSURE (mmHg):	<0.1mm Hg @ 100º F (ASTM D-2879)
PERCENT VOLATILE (% BY VOL.):	0
VAPOR DENSITY (AIR = 1):	4
EVAPORATION RATE (ETHYL ETHER = 1):	<1
SPECIFIC GRAVITY (H2O = 1):	0.88
SOLUBILITY IN WATER:	NIL

SECTION 10: REACTIVITY DATA

STABILITY: Stable

CONDITIONS CONTRIBUTING TO INSTABILITY: None

INCOMPATIBILITY (MATERIAL TO AVOID): May react with strong oxidizers.

HAZARDOUS DECOMPOSITION OR BY-PRODUCTS: Normal combustion forms carbon dioxide and water vapor, and may produce oxides of sulfur and nitrogen. Incomplete combustion can produce carbon monoxide.

HAZARDOUS POLYMERIZATION: Will not occur

SECTION 11: TOXICOLOGICAL INFORMATION

ACUTE STUDIES: Low order of acute oral or dermal toxicity

HEALTH EFFECTS: Mild eye and skin irritant

CARCINOGENICITY:

ACGIH, NTP, OSHA and IARC carcinogen lists were checked for those components with CAS Registry Numbers (64742-53-6) & (128-37-0).

ACGIH: This product is not listed as carcinogenic.
IARC: The International Agency for research on cancer has concluded that highly or severely refined light and middle distillates are Group 3 substances, “not classifiable as to their carcinogenicity to humans,” based on inadequate human or animal evidence.
NTP: This product is not listed as carcinogenic.
OSHA: This product is not listed as carcinogenic.

SECTION 12: ECOLOGICAL INFORMATION

AQUATIC RELEASE: Advise authorities if product has entered or may enter watercourses or sewer drains.

SECTION 13: DISPOSAL INFORMATION

WASTE DISPOSAL METHOD: Observe Federal, State and Local regulations covering chemical waste spills.

SECTION 14: TRANSPORT INFORMATION

U.S. DEPARTMENT OF TRANSPORTATION:

PROPER SHIPPING NAME: Not regulated as a hazardous material for transportation by USA DOT.

SECTION 15: REGULATORY INFORMATION

U.S. FEDERAL REGULATIONS:

TSCA (TOXIC SUBSTANCE CONTROL ACT) REGISTRY: Listed

CERCLA (COMPREHENSIVE ENVIRONMENTAL RESPONSE, COMPENSATION AND LIABILITY ACT):
This product is not a hazardous substance under CERCLA.

SARA TITLE III (SUPERFUND AMENDMENTS AND REAUTHORIZATION ACT):

302/304 This product is not listed as an extremely hazardous substance in 40 CFR Part 355, and is not known to contain an extremely hazardous substance in a concentration greater than one percent by weight.

311/312 HAZARD CATEGORIES:		
	Acute Health Hazard:	No
	Chronic Health Hazard:	No
	Fire Hazard:	No
	Pressure Release Hazard:	No
	Reactivity Hazard:	No

313 This product is not known to contain any components in concentrations above *de minimus* levels that are listed as toxic in 40 CFR Part 372 pursuant to the requirements of Section 313 of SARA.

WHMIS: NDA

OSHA: 29 CFR 1910.1200 (Hazard Communication) required.

STATE REGULATIONS:

Mineral oil, petroleum extract, heavy naphthenic distillate solvent appears on one or more of the Hazardous substances lists in the following states:

MA

SECTION 16: REGULATORY INFORMATION

The information provided in this Material Safety Data Sheet is believed to be accurate and reliable on and as of the date on page one. **However, this Material Safety Data Sheet is not a guarantee or warranty of any kind, express or implied. Any and all warranties of merchantability and/or fitness for a particular purpose are specifically disclaimed.** It is the user's responsibility to determine the conditions under which the product is used, including the selection of engineering controls, work practices and Personal Protective Equipment to minimize hazards.