Russell City Energy Center
01-AFC-7C

Monthly Compliance Report #1
August 1 – August 31, 2010

1. Project Construction Status

   The letter authorizing the start of construction for Russell City Energy Center was issued on August 27, 2010. Pre-construction survey activities were performed during the reporting period. There were no construction activities performed during the month.

2. Required Monthly Compliance Report documents

GEN-2	A copy of the most recent schedule is attached	TSE-4	N/A. Applicable work not completed during the reporting period
GEN-3	N/A. No CBO payments were made during the reporting period	AQ-SC3	A copy of the AQCMM report is attached
GEN-6	N/A. No special inspections during the reporting period	AQ-SC4	A copy of the AQCMM report is attached
GEN-7	N/A. No CBO corrective actions for the reporting period	AQ-SC5	A copy of the AQCMM report is attached
GEN-8	N/A. No work completed for the reporting period	AQ-1	N/A. Applicable work not completed during the reporting period
CIVIL-1	A copy of acknowledgement statement is attached.	AQ-2	N/A. Applicable work not completed during the reporting period
CIVIL-3	N/A. There were no non-compliance issues during the reporting period.	AQ-3	N/A. Applicable work not completed during the reporting period
CIVIL-4	N/A. Applicable work not completed during the reporting period	AQ-4	N/A. Applicable work not completed during the reporting period
STRUC-3	N/A. Applicable work not completed during the reporting period	AQ-5	N/A. Applicable work not completed during the reporting period
STRUC-4	N/A. Applicable work not completed during the reporting period	AQ-6	N/A. Applicable work not completed during the reporting period
MECH-1	N/A. Applicable work not completed during the reporting period	AQ-7	N/A. Applicable work not completed during the reporting period
MECH-2	N/A. Applicable work not completed during the reporting period	AQ-8	N/A. Applicable work not completed during the reporting period
ELEC-1	N/A. Applicable work not completed during the reporting period	AQ-9	N/A. Applicable work not completed during the reporting period
TSE-1	N/A. Applicable work not completed during the reporting period	AQ-10	N/A. Applicable work not completed during the reporting period

Required Monthly Compliance Report documents, continued

WS-3	A copy of the CSS report is attached	PAL-3	A copy of the WEAP training records is attached
BIO-2	A copy of the Designated Biologist's report is attached	PAL-4	N/A. Applicable work not completed during the reporting period
BIO-5	WEAP training was conducted for 2 on-site personnel.	WASTE-7	A copy of the EPA ID number is attached
SW-1	A narrative DESCP effectiveness is attached	NOISE-1	A copy of the notification statement is attached.
SW-6	N/A. There were no notices of violation during the reporting period.	NOISE-8	A copy of acknowledgement statement is attached.
CUL-2	A copy of the current schedule is attached	TRANS-9	N/A. No encroachment permits were obtained during the reporting period.
CUL-4	A copy of the WEAP training records is attached	VIS-11	N/A. There were no complaints reported during the reporting period.
CUL-6	N/A. There were no non-compliance issues during the reporting period.		

3. Compliance Matrix

   A copy of the compliance matrix is attached.

4. Conditions satisfied during the reporting period

   Compliance-4 All pre-construction conditions have been submitted and approved by the CPM. A letter authorizing the start of construction was issued on August 26, 2010.

   Compliance-10 A complaint hotline was established and residents were notified regarding the start of construction.

   Noise-1 A complaint hotline was established and residents were notified regarding the start of construction.

5. Submittal deadlines not met

   There are no past due compliance submittals.

6. Approved condition of certification changes

   - A request for amendment of the license was submitted on November 19, 2009. Amendment #2 was approved by the Commission on August 11, 2010.
   - A change to the verification language of LAND-1 was submitted to the CPM on April 14, 2010 and approved by staff on April 30, 2010.
   - A change to the verification language of SOIL&WATER-8 was submitted to the CPM on August 18, 2010 and approved by staff on August 24, 2010.

7. Filings or permits from other agencies

   There were no permits received or filings made to other governmental agencies during the reporting period.

8. Projection of compliance activities for September – October 2010

GEN-2	Schedule will be updated monthly
GEN-3	CBO payments will be submitted monthly
AQ-SC3	The AQCMM report will be updated monthly
AQ-SC4	The AQCMM report will be updated monthly
AQ-SC5	The AQCMM report will be updated monthly
WS-3	The CSS report will be updated monthly
BIO-2	The Designated Biologist's report will be updated monthly
BIO-5	WEAP training will be completed for new employees as needed
SW-1	DESCP effectiveness will be tracked and reported monthly
CUL-2	A current schedule will be provided to the CRS weekly
CUL-4	WEAP training will be completed for new employees as needed
PAL-3	WEAP training will be completed for new employees as needed
PAL-4	The PRS report will be updated monthly
TRANS-9	Encroachment permits to be obtained for access road construction

9. Additions to the on-site compliance file

   CEC Start of Construction Approval letter

   WEAP training records

10. Listing of complaints, notices of violations, official warnings and citations

    None received during the reporting period.

CONDITION OF CERTIFICATION COMPLIANCE-6
Key Events List

Russell City Energy Center
Monthly Compliance Report #1
August 2010

KEY EVENTS LIST

PROJECT: Russell City Energy Center

DOCKET #: 01-AFC-7C

COMPLIANCE PROJECT MANAGER: Mary Dyas

EVENT DESCRIPTION	DATE
Certification Date	September 26, 2007
Obtain Site Control	September 1, 2010
Online Date	June 2013
POWER PLANT SITE ACTIVITIES	
Start Site Mobilization	September 1, 2010
Start Ground Disturbance	September 8, 2010
Start Grading	September 8, 2010
Start Construction	September 1, 2010
Begin Pouring Major Foundation Concrete	May 2011
Begin Installation of Major Equipment	December 2011
Completion of Installation of Major Equipment	October 2012
First Combustion of Gas Turbine	December 2012
Obtain Building Occupation Permit	August 2012
Start Commercial Operation	May 2013
Complete All Construction	May 2013
TRANSMISSION LINE ACTIVITIES	
Start T/L Construction	February 2011
Synchronization with Grid and Interconnection	December 2012
Complete T/L Construction	December 2012
FUEL SUPPLY LINE ACTIVITIES	
Start Gas Pipeline Construction and Interconnection	January 2012
Complete Gas Pipeline Construction	August 2012
WATER SUPPLY LINE ACTIVITIES	
Start Water Supply Line Construction	January 2012
Complete Water Supply Line Construction	August 2012

CONDITION OF CERTIFICATION
GEN-2

Russell City Energy Center
Monthly Compliance Report #1
August 2010

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
1	CIVIL-1	SWPPP (REV1) (100804)	25483-000-30G-K03G-00001	0	STORM WATER POLLUTION PREVENTION PLAN	GHES		Civil	Q3, 2010	08/04/10	RK	GAKG-00007	8/18/10	8/19/10		8/19/10	Approved by Kurt Wurnits, P.E. -
2	CIVIL-1	DESCP (REV1) (100804)	25483-001-30G-K03G-00002	0	EROSION AND SEDIMENT CONTROL AND STORM WATER MANAGEMENT PLAN	GHES		Civil	Q3, 2010	08/04/10	RK	GAKG-00006	8/18/10	8/27/10		8/27/10	Approved by Kurt Wurnits, P.E. -
3	CIVIL-1	GEO2 (REV0) (100812)	25483-000-30R-K01G-00001	0	SUBSURFACE INVESTIGATION AND FOUNDATION REPORT	Report		Civil		8/12/110		GAKG-000010	8/26/10				Cover Note to Subsurface Investigation Report included as the second page to Transmittal CIVIL1-GE03 (REV0) (100813) G26-GAKG-00011
4	CIVIL-1	GEO1 (REV0) (100811)	25483-000-30R-K01G-00002	0	ENGINEERING GEOLOGY REPORT	Report		Civil		8/11/110	MW	GAKG-00009	8/25/10	8/11/10			Comment for Russell City: CIVIL-1 Geotechnical Information (for reference) (Rev 0). Civil plan review was performed by Gary Wurnitsch, PE
5	CIVIL-1	CIVIL1 CE01 (REV1) (100802)	25483-000-3PS-CE01-00001	0	TECHNICAL SPECIFICATION FOR EARTHWORK, GRADING AND STRUCTURAL BACKFILL	Specification		Civil	Q3, 2010	08/02/10	RP	GAKG-00005	8/17/10	8/16/10			See Comment Response to 25483-001-C2-0000-00001
6	CIVIL-1		25483-000-3PS-NNP0-XXXXX		STANDARD SPECIFICATION FOR EXTERNAL THERMAL INSULATION AND LAGGING			Plant Design	Q1, 2011								
7	CIVIL-1		25483-000-3PS-NNP0-XXXXX		PROJECT SPECIFICATION FOR STEAM TURBINE EXTERNAL THERMAL INSULATION AND LAGGING			Plant Design	Q1, 2011								
8	CIVIL-1		25483-000-3PS-NX00-XXXXX		TECHNICAL SPECIFICATION FOR EXTERNAL COATING OF BURIED PIPELINES			Plant Design	Q1, 2011								
9	CIVIL-1		25483-000-3PS-PH06-XXXXX		TECHNICAL SPECIFICATION - FIELD DESIGN, FABRICATION AND INSTALLATION OF PIPE SUPPORTS			Plant Design	Q1, 2011								
10	CIVIL-1		25483-000-3PS-PS02-XXXXX		STANDARD SPECIFICATION FOR FIELD FABRICATION AND INSTALLATION OF PIPING			Plant Design	Q1, 2011								
11	CIVIL-1	CE01-(Rev0) (100720)	25483-001-C2-0000-00001	0	SITE PLAN	Drawing	0	Civil	Q3, 2010	07/20/10	RK	GAKG-00001	8/3/10				Sent Rev 0 to CBO on 7/20 and again 8/02
12	CIVIL-1	CE01-(Rev1) (100802)	25483-001-C2-0000-00001	0	SITE PLAN	Drawing	0	Civil		08/02/10	RK	GAKG-00005	8/17/10	8/16/10			RCEC Civil Document Plan Review Comments - Civil1 CE01 (Rev1); ABAG ESC Manual May 1995; CASQA BMP SE-2 Feb 2010 (New); CASQA BMP SE-2 Jan 2003 (Old)
13	CIVIL-1	CE01 (Rev2) (100823)	25483-000-C2-0000-00002	H	CONSTRUCTION FACILITIES LAYOUT	Drawing		Civil		08/23/10		GAKG-00012	Reference Document Only				
14	CIVIL-1	CE01 (Rev2) (100823)	25483-000-C2K-0000-00001	C	CONSTRUCTION FENCE LAYOUT	Drawing		Civil		08/23/10		GAKG-00012	Reference Document Only				
15	CIVIL-1		25483-000-CD-0100-00001		STORM WATER DRAINAGE PLAN			Civil	Q1, 2011								
16	CIVIL-1	CE01 (Rev0) (100720)	25483-000-CG-0100-00001	1	ROUGH GRADING EXCAVATION PLAN	Drawing		Civil	Q3, 2010	07/20/10	RK	GAKG-00001	8/3/10				
17	CIVIL-1	CE01 (Rev1) (100802)	25483-000-CG-0100-00001	2	ROUGH GRADING EXCAVATION PLAN	Drawing		Civil		08/02/10	RK	GAKG-00005	8/17/10				
18	CIVIL-1	**CE01 (Rev2) (100823)**	25483-000-CG-0100-00001	4	ROUGH GRADING EXCAVATION PLAN (PHASE 1)	Drawing		Civil		08/23/10	RK	GAKG-00012	8/30/10	8/27/10		8/27/10	Approved by Kurt Wurnits, P.E. -
19	CIVIL-1	CE01 (Rev0) (100720)	25483-000-CG-0100-00002	1	ROUGH GRADING BACKFILL PLAN	Drawing		Civil	Q3, 2010	07/20/10	RK	GAKG-00001	8/3/10				
20	CIVIL-1	CE01 (Rev1) (100802)	25483-000-CG-0100-00002	2	ROUGH GRADING BACKFILL PLAN	Drawing		Civil		08/02/10	RK	GAKG-00005	8/17/10				
21	CIVIL-1	**CE01 (Rev2) (100823)**	25483-000-CG-0100-00002	4	ROUGH GRADING BACKFILL PLAN (PHASE 1)	Drawing		Civil		08/23/10	RK	GAKG-00012	8/30/10	8/27/10		8/27/10	Approved by Kurt Wurnits, P.E.
22	CIVIL-1	CE01 (Rev0) (100720)	25483-000-CG-0100-00003	1	ROUGH GRADING PLAN	Drawing		Civil	Q3, 2010	07/20/10	RK	GAKG-00001	8/3/10				
23	CIVIL-1	CE01 (Rev1) (100802)	25483-000-CG-0100-00003	2	ROUGH GRADING PLAN	Drawing		Civil		08/02/10	RK	GAKG-00001	8/3/10				
24	CIVIL-1	**CE01 (Rev2) (100823)**	25483-000-CG-0100-00003	4	ROUGH GRADING PLAN (PHASE 2)	Drawing		Civil		08/23/10	RK	GAKG-00012	8/30/10	8/27/10		8/27/10	Approved by Kurt Wurnits, P.E.
25	CIVIL-1	CE01 (Rev0) (100720)	25483-000-CG-0190-00001	1	ROUGH GRADING DETAILS, SHEET 1	Drawing		Civil	Q3, 2010	07/20/10	RK	GAKG-00001	8/3/10				
26	CIVIL-1	CE01 (Rev1) (100802)	25483-000-CG-0190-00001	2	ROUGH GRADING DETAILS, SHEET 1	Drawing		Civil		08/02/10	RK	GAKG-00005	8/17/10				

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
27	CIVIL-1	**CE01 (Rev2) (100823)**	25483-000-CG-0190-00001	4	ROUGH GRADING DETAILS, SHEET 1	Drawing		Civil		08/23/10	RK	GAKG-00012	8/30/10	8/27/10		8/27/10	Approved by Kurt Wurnits, P.E.
28	CIVIL-1	CE01 (Rev0) (100720)	25483-000-CG-0190-00002	2	ROUGH GRADING DETAILS, SHEET 2	Drawing		Civil	Q3, 2010	07/20/10	RK	GAKG-00001	8/3/10				
29	CIVIL-1	CE01 (Rev1) (100802)	25483-000-CG-0190-00002	3	ROUGH GRADING DETAILS, SHEET 2	Drawing		Civil		08/02/10	RK	GAKG-00005	8/17/10				
30	CIVIL-1	**CE01 (Rev2) (100823)**	25483-000-CG-0190-00002	5	ROUGH GRADING DETAILS, SHEET 2	Drawing		Civil		08/23/10	RK	GAKG-00012	8/30/10	8/27/10		8/27/10	Approved by Kurt Wurnits, P.E.
31	CIVIL-1	CE01 (REV3) (100901) Part 1 of 2	25483-000-CGN-0100-00001	n/a	DCN FOR ROUGH GRADING - EXCAVATION PLAN (PHASE 1)	DCN		Civil		09/01/10		GAKG-00015	9/7/10				
32	CIVIL-1	CE01 (REV3) (100901) Part 1 of 2	25483-000-CGN-0190-00002	n/a	DCN FOR ROUGH GRADING DETAILS, SHEET 2	DCN		Civil		09/01/10		GAKG-00015	9/7/10				
33	CIVIL-1		25483-000-CPR-GCE-00001		PILE LOAD TEST REPORT - GEOTECHNICAL & HYDRAULIC ENGINEERING SERVICES			Civil	Q3, 2010								
34	CIVIL-1		25483-000-CS-0010-00001		FINISH GRADNG PLAN			Civil	Q3, 2011								
35	CIVIL-1		25483-000-CS-0010-00002		FINISH PAVING PLAN			Civil	Q4, 2011								
36	CIVIL-1		25483-000-CS-0090-00002		FINISH GRADING SECTIONS AND DETAILS			Civil	Q4, 2011								
37	CIVIL-1		25483-000-CS-0090-00003		FINISH GRADING SECTIONS AND DETAILS			Civil	Q4, 2011								
38	CIVIL-1		25483-000-CS-0200-00001		MAIN ACCESS ROAD PLAN AND PROFILE			Civil	Q4, 2010								
39	CIVIL-1		25483-000-D0-0000-00001		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 1			Civil	Q3, 2010								
40	CIVIL-1		25483-000-D0-0000-00002		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 2			Civil	Q3, 2010								
41	CIVIL-1		25483-000-D0-0000-00003		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 3			Civil	Q3, 2010								
42	CIVIL-1		25483-000-D0-0000-00004		CIVIL/STRUCTURAL STANDARDS CONCRETE DETAILS, SHEET 4			Civil	Q3, 2010								
43	CIVIL-1		25483-000-G27-GEK-00002		ENGINEERING GEOLOGY REPORT			Civil	08/10/10								
44	CIVIL-1		25483-000-K0C-7400-00001		STORM WATER MANAGEMENT BASIN SIZING CALCULATION			Civil	Q3, 2010	04/27/10							
45	CIVIL-1	CE01 (REV0) (100720)	25483-000-K0C-7400-00002	0	SEDIMENTATION BASIN SIZING CALCULATION	GHES - Calculation		Civil	Q3, 2010	07/20/10	RK	GAKG-00001	8/3/10				
46	CIVIL-1	CE01 (REV2) (100823)	25483-000-K0C-7400-00002	1	SEDIMENTATION BASIN SIZING CALCULATION	GHES - Calculation		Civil	Q3, 2010	08/23/10	RK	GAKG-00012	8/30/10	8/27/10		8/27/10	Approved by Kurt Wurnits, P.E.
47	CIVIL-1		25483-000-K0C-7400-00003		STORM DRAIN SYSTEM DESIGN			Civil	Q3, 2010								
48	CIVIL-1		25483-000-K0R-CY00-0001		SUBSURFACE INVESTIGATION AND FOUNDATION REPORT			Civil	08/10/10								
49	CIVIL-1		25483-000-P0-		EMBEDDED AND UNDERGROUND PIPING - GENERAL NOTES AND STANDARD DETAILS			Plant Design	Q1, 2011								
50	CIVIL-1	P102 (REV0) (100730)	25483-000-P1-7211-00001	A	GENERAL ARRANGEMENT - COOLING TOWER AREA - PLAN AT GRADE AND ABOVE	General Arrangement		Plant Design	Q4, 2010	07/30/10		GAKG-00004	Reference Document	8/18/10			No Comments
51	CIVIL-1	P102 (REV0) (100730)	25483-000-P1-7211-00002	A	GENERAL ARRANGEMENT - COOLING TOWER AREA - PLAN AT GRADE AND ABOVE	General Arrangement		Plant Design		07/30/10		GAKG-00004	Reference Document	8/18/10			No Comments
52	CIVIL-1	P102 (REV0) (100730)	25483-000-P1-7211-00003	A	GENERAL ARRANGEMENT - COOLING TOWER AREA - PLAN AT GRADE AND ABOVE	General Arrangement		Plant Design		07/30/10		GAKG-00004	Reference Document	8/18/10			No Comments
53	CIVIL-1		25483-000-P1-		GENERAL ARRANGEMENT WATER TREATMENT AREA PLAN AT GRADE AND ABOVE			Plant Design	Q4, 2010								
54	CIVIL-1		25483-000-P1-		GENERAL ARRANGEMENT DRAWING, RECYCLED WATER STORAGE FACILITY AREA PLAN AT GRADE			Plant Design	Q4, 2010								
55	CIVIL-1		25483-000-P1-		GENERAL ARRANGEMENT DRAWING, ADMINISTRATION / WAREHOUSE BLDG. AREA PLAN			Plant Design	Q4, 2010								
56	CIVIL-1		25483-000-P1-		GENERAL ARRANGEMENT DRAWING, GAS METERING AND COMPRESSOR AREA PLAN AT GRADE AND			Plant Design	Q4, 2010								
57	CIVIL-1		25483-000-P1-0000-00001		PLOT PLAN			Plant Design	Q3, 2010								
58	CIVIL-1		25483-000-P30-AB-XXXXX		LARGE BORE PIPING ISOMETRIC - MAIN STEAM SYSTEM (SAMPLE ISOMETRICS)			Plant Design	Q1, 2011								
59	CIVIL-1		25483-000-P30-AE-XXXXX		LARGE BORE PIPING ISOMETRIC - BOILER FEED WATER SYSTEM (SAMPLE ISOMETRICS)			Plant Design	Q1, 2011								

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
60	CIVIL-1		25483-000-P30-PW-XXXXX		LARGE BORE PIPING ISOMETRIC - POTABLE WATER SYSTEM			Plant Design	Q1, 2011								
61	CIVIL-1		25483-000-P30-XN-XXXXX		LARGE BORE PIPING ISOMETRIC - SANITARY DRAINS			Plant Design	Q1, 2011								
62	CIVIL-1		25483-000-P30-XW-XXXXX		LARGE BORE PIPING ISOMETRIC - WASTEWATER SYSTEM			Plant Design	Q1, 2011								
63	CIVIL-1		25483-000-P4-		UNDERGROUND PIPING COMPOSITE - FIRE PROTECTION SYSTEM			Plant Design	Q1, 2011								
64	CIVIL-1		25483-000-P6C-AB-XXXXX		STRESS CALCULATION FOR MAIN STEAM SYSTEM (SAMPLE)			Plant Design	Q1, 2011								
65	CIVIL-1		25483-000-P6C-AE-XXXXX		STRESS CALCULATION FOR BOILER FEED WATER (SAMPLE)			Plant Design	Q1, 2011								
66	CIVIL-1		25483-000-PHC-AB-XXXXX		PIPE SUPPORT DESIGN CALCULATIONS - MAIN STEAM SYSTEM (SAMPLE)			Plant Design	Q1, 2011								
67	CIVIL-1		25483-000-PHC-AE-XXXXX		PIPE SUPPORT DESIGN CALCULATIONS - BOILER FEED WATER SYSTEM (SAMPLE)			Plant Design	Q1, 2011								
68	CIVIL-1		25483-000-PHJ-PH01-XXXXX		SMALL BORE NON-ANALIZED PIPE HANGERS AND SUPPORT NOTES, SYMBOLS AND DETAILS			Plant Design	Q1, 2011								
69	CIVIL-1	P101 (REV0) (100727)	25483-001-P1-1111-00001	A	GENERAL ARRANGEMENT - HRSG UNIT 1 AREA PLAN AT GRADE AND ABOVE	General Arrangement		Plant Design	Q4, 2010	07/27/10	NONE	GAKG-00002	Reference Document Only	8/18/10			No Comments
70	CIVIL-1	P101 (REV0) (100727)	25483-001-P1-1411-00001	A	GENERAL ARRANGEMENT - COMBUSTION TURBINE Unit 1 AREA PLAN AT GRADE AND ABOVE	General Arrangement		Plant Design	Q4, 2010	07/27/10	NONE	GAKG-00002	Reference Document Only	8/18/10			No Comments
71	CIVIL-1	P101 (REV0) (100727)	24583-000-P1-3312-00001	A	GENERAL ARRANGEMENT - STG/CTB TRANSFORMER AREA - PLAN AT GRADE AND ABOVE	General Arrangement		Plant Design		07/27/10	None	GAKG-00002	Reference Document Only	8/18/10			No Comments
72	CIVIL-1	CE01 (REV0) (100720) CE01 (REV1) (100802)	25483-001-P1-0010-00001	A	RUSSELL CITY - PLOT PLAN	Plot Plan		Plant Design	Q1, 2011	7/20/10 8/2/10	NONE BR	GAKG-00001 GAKG-00005	Reference Document Only				
73	CIVIL-1	P101 (REV0) (100727)	24583-001-P1-3311-00001	A	GENERAL ARRANGEMENT - CTG TRANSFORMER AREA - PLAN AT GRADE AND ABOVE	General Arrangement		Plant Design		07/27/10	None	GAKG-00002	Reference Document Only	8/18/10			No Comments
74	CIVIL-1	P101 (REV0) (100727)	25483-002-P1-1112-00001	A	GENERAL ARRANGEMENT - HRSG UNIT 2 AREA - PLAN AT GRADE AND ABOVE	General Arrangement		Plant Design	Q4, 2010	07/27/10	None	GAKG-00002	Reference Document Only	8/18/10			No Comments
75	CIVIL-1	CIVIL1-P101 (REV0) (100727)	25483-002-P1-1412-00001	A	GENERAL ARRANGEMENT - COMBUSTION TURBINE UNIT 2 AREA - PLAN AT GRADE AND ABOVE	General Arrangement		Plant Design	Q4, 2010	07/27/10	None	GAKG-00002	Reference Document Only	8/18/10			No Comments
76	CIVIL-1	CIVIL1-P101 (REV0) (100727)	25483-003-P1-2111-00001	A	GENERAL ARRANGEMENT - STEAM TURBINE UNIT 3 AREA - PLAN AT GRADE AND ABOVE	General Arrangement		Plant Design	Q4, 2010	07/27/10	None	GAKG-00002	Reference Document Only	8/18/10			No Comments
77	CIVIL-1		RESUME		MR. ROBB KRUMPEN, RPE CIVIL DRAINING/EROSION CONTROL	General		PE	Q2, 2010	06/22/10							
78	CIVIL-1	CIVIL1-CE01 (REV2) (100824)	25483-000-G27-GEGC-00001	0	RESPONSE TO PLAN CHECK COMMENTS	Comment Repsonse		CIVIL	8/31/10	08/24/10		GAKG-00013	Reference Document Only	8/27/10		8/27/10	Approved
79			Notice of Intent		SOIL & WATER-2 (Notice of Intent) NOI STATE WATER RESOURCE CONTROL BOARD NOTICE OF INTENT	NOI							Reference Document Only	8/27/10			Reference Only
80			10-09-3387C		SOIL & WATER-7 CONDITIONAL LETTER OF MAP REVISION FROM FEMA								Reference Document Only	8/27/10			
81	ELEC-1		25483-000-3DR-E001-00001		ELECTRICAL DESIGN CRITERIA			Electrical	Q3, 2010								
82	ELEC-1		25483-000-E0C-ES01-00001		LOAD FLOW AND SHORT CIRCUIT CALCULATION			Electrical	Q4, 2010								
83	ELEC-1		25483-000-E0C-EW01-00001		CABLE SIZING UNDERGROUND			Electrical	Q4, 2010								
84	ELEC-1		25483-000-E0C-EW01-00002		CABLE SIZING ABOVEGROUND			Electrical	Q4, 2010								
85	ELEC-1	CIVIL1-CE01 (REV3) (100901) Part 1 of 2	25483-000-E1-0000-00001	0	MAIN ONE LINE DIAGRAM	DRAWING		Electrical		09/01/10		GAKG-00014	9/13/10				
86	ELEC-1		25483-000-E1-EK01-00001		SINGLE LINE METER AND RELAY DIAGRAM - 480 V STG LOAD CENTER			Electrical	Q4, 2010								
87	ELEC-1		25483-000-E1-EK01-00002		SINGLE LINE METER AND RELAY DIAGRAM - 480 V CTG/HRSG LOAD CENTER-1			Electrical	Q4, 2010								

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
88	ELEC-1		25483-000-E1-EK01-00003		SINGLE LINE METER AND RELAY DIAGRAM - 480 V CTG/HRSG LOAD CENTER-2			Electrical	Q4, 2010								
89	ELEC-1		25483-000-E1-EK01-00004		SINGLE LINE METER AND RELAY DIAGRAM - 480 V COOLING TOWER / WATER TREATMENT LOAD			Electrical	Q4, 2010								
90	ELEC-1		25483-000-E1-EK01-00005		SINGLE LINE METER AND RELAY DIAGRAM - 480 V COMMON AREA LOAD CENTER			Electrical	Q4, 2010								
91	ELEC-1		25483-000-E1-ES01-00001		SINGLE LINE METER AND RELAY DIAGRAM - 4.16KV SWITCHGEAR/MCC-1			Electrical	Q3, 2010								
92	ELEC-1		25483-000-E1-ES01-00002		SINGLE LINE METER AND RELAY DIAGRAM - 4.16KV SWITCHGEAR/MCC-2			Electrical	Q3, 2010								
93	ELEC-1		25483-000-E1-EY01-00001		PLANT SINGLE LINE METER & RELAY DIAGRAM CTG			Electrical	Q4, 2010								
94	ELEC-1		25483-000-E1-EY01-00002		PLANT SINGLE LINE METER & RELAY DIAGRAM STG			Electrical	Q4, 2010								
95	ELEC-1		25483-000-E4-3211-00001		ELECTRICAL EQUIPMENT LOCATION MAIN SWITCHGEAR BUILDING			Electrical	Q1, 2011								
96	ELEC-1		25483-000-E4-7211-00001		ELECTRICAL EQUIPMENT LOCATION COOLING TOWER SWITCHGEAR BUILDING			Electrical	Q1, 2011								
97	ELEC-1		25483-000-E8-0001-00001		ELECTRICAL LOAD LIST			Electrical	Q3, 2011								
98	ELEC-1		25483-000-EG-0000-00001		MAIN GROUNDING GRID PLAN			Electrical	Q3, 2010								
99	ELEC-1		25483-000-EG-2001-00001		GROUNDING PLAN - STEAM TURBINE AND DEMIN AREA			Electrical	Q4, 2010								
100	ELEC-1		25483-000-EG-3201-00001		GROUNDING AND LIGHTNING PROTECTION PLAN- MAIN SWGR BUILDING			Electrical	Q1, 2011								
101	ELEC-1		25483-000-EG-7101-00001		GROUNDING PLAN- WATER TREATMENT AREA			Electrical	Q1, 2011								
102	ELEC-1		25483-000-EG-7102-00001		GROUNDING AND LIGHTNING PROTECTION PLAN- TITLE 22 WATER TREATMENT AREA			Electrical	Q1, 2011								
103	ELEC-1		25483-000-EG-7201-00001		GROUNDING AND LIGHTNING PROTECTION PLAN COOLING TOWER AREA SHEET 1			Electrical	Q4, 2010								
104	ELEC-1		25483-000-EG-7201-00002		GROUNDING AND LIGHTNING PROTECTION PLAN COOLING TOWER AREA SHEET 2			Electrical	Q1, 2011								
105	ELEC-1		25483-000-EGC-EG01-00001		SYSTEM GROUND GRID CALCULATION			Electrical	Q4, 2010								
106	ELEC-1		25483-000-EGJ-00001-00001		GROUNDING NOTES SYMBOLS AND DETAILS			Electrical	Q3, 2010								
107	ELEC-1		25483-000-ELC-EL01-00001		LIGHTING ENERGY CALCULATIONS			Electrical	Q4, 2011								
108	ELEC-1		25483-000-EMC-EM01-00001		SETTINGS OF PROTECTIVE RELAYS ON 4.16KV SWITCHGEAR INCOMER, TIE AND TRANSFORMER FEEDERS			Electrical	Q1, 2012								
109	ELEC-1		25483-000-EMC-EM01-00002		SETTINGS OF PROTECTIVE RELAYS ON 4.16KV SWITCHGEAR MOTOR FEEDERS			Electrical	Q1, 2012								
110	ELEC-1		25483-000-EMC-EM01-00003		SETTINGS OF PROTECTIVE RELAYS ON 480V LOAD CENTERS			Electrical	Q1, 2012								
111	ELEC-1		25483-000-EMC-EM01-00004		SETTINGS OF PROTECTIVE RELAYS FOR CTG			Electrical	Q2, 2012								
112	ELEC-1		25483-000-EMC-EM01-00005		SETTINGS OF PROTECTIVE RELAYS FOR STG			Electrical	Q2, 2012								
113	ELEC-1		25483-000-EMC-EM01-00006		ELECTRICAL PROTECTIVE RELAY SETTINGS FOR GSU TRANSFORMER FOR CTG AND STG, AND UNIT			Electrical	Q1, 2012								
114	ELEC-1		25483-001-EG-1101-00001		GROUNDING PLAN- UNIT 1 HRSG AREA			Electrical	Q4, 2010								
115	ELEC-1		25483-001-EG-1401-00001		GROUNDING PLAN - UNIT 1 COMBUSTION TURBINE			Electrical	Q4, 2010								
116	ELEC-1		25483-001-EG-3301-00001		GROUNDING PLAN- UNIT 1 MAIN TRANSFORMER AREA			Electrical	Q1, 2011								
117	ELEC-1		25483-002-EG-1101-00001		GROUNDING PLAN- UNIT 2 HRSG AREA			Electrical	Q4, 2010								
118	ELEC-1		25483-002-EG-1401-00001		GROUNDING PLAN - UNIT 2 COMBUSTION TURBINE			Electrical	Q4, 2010								
119	ELEC-1		25483-002-EG-3301-00001		GROUNDING AND LIGHTNING PROTECTION PLAN- UNIT 2 MAIN TRANSFORMER AREA			Electrical	Q1, 2011								
120	GEN-2	0001 (REV1) (100727)	25483-000-G27-GEGC-00002	1	RESPONSE TO CBO COMMENTS ON 'RCEC - GEN-2 SUBMITTALS LIST 6-14-2010'	Master Drawing & Specification List		General		07/27/10		G26-GAKG-00003	8/10/10	8/13/10		Comment Response	Comment Response Form to include Fire Safety During Construction and Demolition (chapter 14); Emergency Planning and Preparedness (Chapter 4)
121	GEN-2		25483-000-3PS-CS01-00001		PAVING, BITUMINOUS, ROADS AND PARKING AREAS			Civil	Q4, 2010								
122	GEN-2		25483-000-3PS-DB01-00001		TECHNICAL SPECIFICATION FOR FURNISHING PORTLAND CEMENT CONCRETE			Civil	8/10/10								

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
123	GEN-2		25483-000-3PS-DB02-00001		TECHNICAL SPECIFICATION FOR CONCRETE WORK			Civil	8/10/10								
124	GEN-2		25483-000-3PS-DD00-00001		EMBEDDED STEEL AND ANCHOR BOLTS			Civil	Q3, 2010								
125	GEN-2		25483-000-3PS-DG01-00001		PURCHASE AND FABRICATION OF REINFORCING STEEL			Civil	Q3, 2010								
126	GEN-2		25483-000-A1-1210-00002		BOILER FEED PUMP BLDG. - HRSG 2 CONCEPTUAL FLOOR PLAN, ELEVATIONS & SECTIONS			Architectural	Q3, 2011								
127	GEN-2		25483-000-A1-2100-00001		UNIT 1 & 2 BOILER AREA AREA CHEMICAL SUN SHADE			Architectural	Q3, 2011								
128	GEN-2		25483-000-A1-3110-00001		ELECTRICAL SWITCHGEAR BUILDING CONCEPTUAL FLOOR PLAN, ELEVATIONS & SECTION			Architectural	Q3, 2011								
129	GEN-2		25483-000-A1-7110-00001		WATER TREATMENT/FIRE PUMPHOUSE BUILDING FLOOR PLAN			Architectural	Q3, 2011								
130	GEN-2		25483-000-A2-7110-00001		WATER TREATMENT/FIRE PUMPHOUSE BUILDING - EXTERIOR ELEVATIONS			Architectural	Q3, 2011								
131	GEN-2		25483-000-A2-7110-00002		WATER TREATMENT/FIRE PUMPHOUSE BUILDING, CONCEPTUAL SECTIONS			Architectural	Q3, 2011								
132	GEN-2		25483-000-AM-7100-00001		WATER TREATMENT/FIRE PUMPHOUSE CMU DETAILS			Architectural	Q3, 2011								
133	GEN-2		25483-000-V00-AKBS-XXXXX		DESIGN CERTIFICATION ENGINEERING CALCULATION FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
134	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
135	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
136	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
137	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
138	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
139	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
140	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
141	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
142	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
143	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
144	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
145	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
146	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
147	GEN-2		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q3, 2011								
148	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ENG CALCULATIONS			Architectural	Q3, 2011								
149	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
150	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
151	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
152	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
153	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
154	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
155	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
156	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
157	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
158	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
159	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
160	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
161	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
162	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
163	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
164	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
165	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
166	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
167	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
168	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
169	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
170	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q3, 2011								
171	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS STANDARD ERECTION DETAILS			Architectural	Q3, 2011								
172	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL CALC FOR OFFICE FOUNDATION			Architectural	Q3, 2011								
173	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING PROPOSED FLOOR PLAN			Architectural	Q3, 2011								
174	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING DATA/NOTES			Architectural	Q3, 2011								
175	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING FOUNDATION PLAN			Architectural	Q3, 2011								
176	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING FOUNDATION DETAILS			Architectural	Q3, 2011								
177	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING FOUNDATION DETAILS			Architectural	Q3, 2011								
178	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING FOUNDATION DETAILS			Architectural	Q3, 2011								
179	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING CONCRETE DECK AT SHOP AREA			Architectural	Q3, 2011								
180	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING TYP WALL FRAMING DETAILS			Architectural	Q3, 2011								
181	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS "ADDITIONAL STRUCTURAL CALCULATION"			Architectural	Q3, 2011								
182	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS "ADDITIONAL STRUCTURAL CALCULATION"			Architectural	Q3, 2011								
183	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS RESPONSE TO WILLDAN COMMENTS			Architectural	Q3, 2011								
184	GEN-2		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYSTEMS DESIGN CERTIFICATION			Architectural	Q3, 2011								
185	GEN-2		25483-000-V00-ECM1-XXXXX		CERTIFICATE OF COMPLIANCE - 480V MCC'S (BLACK BOX)			Electrical	Q4, 2011								
186	GEN-2		25483-000-V00-EDB0-XXXXX		CERTIFICATE OF COMPLIANCE - 125V DC/ 120V AC UPS EQUIPMENT (BLACK BOX)			Electrical	Q4, 2011								
187	GEN-2		25483-000-V00-EKL1-XXXXX		CERTIFICATE OF COMPLIANCE - 480V UNIT SUBSTATIONS (BLACK BOX)			Electrical	Q4, 2011								
188	GEN-2		25483-000-V00-ESL1-XXXXX		CERTIFICATE OF COMPLIANCE - 4.16KV SWITCHGEAR (BLACK BOX)			Electrical	Q4, 2011								
189	GEN-2		25483-000-V00-ETP0-XXXXX		CERTIFICATE OF COMPLIANCE - GENERATOR STEPUP TRANSFORMERS (BLACK BOX)			Electrical	Q4, 2011								
190	GEN-2		25483-000-V00-ETP1-XXXXX		CERTIFICATE OF COMPLIANCE - UNIT AUXILIARYTRANSFORMER (BLACK BOX)			Electrical	Q4, 2011								
191	GEN-2		25483-000-V00-JA03-XXXXX		CERTIFICATE OF COMPLIANCE - CONTINUOUS EMISSION MONITORING (BLACK BOX)			Electrical	Q4, 2011								
192	GEN-2		25483-000-V00-MCS0-XXXXX		CERTIFICATE OF COMPLIANCE - FUEL GAS COMPRESSOR (BLACK BOX)			Mechanical	Q3, 2011								
193	GEN-2		25483-000-V00-MPGB-XXXXX		CERTIFICATE OF COMPLIANCE - BOILER FEEDWATER PUMPS (BLACK BOX)			Mechanical	Q3, 2011								
194	GEN-2		25483-000-V00-MTS0-XXXXX		CERTIFICATE OF COMPLIANCE - AMMONIA SYSTEM (BLACK BOX)			Mechanical	Q3, 2011								
195	GEN-2		25483-000-V00-MTSW-XXXXX		STANDARD DETAILS FOR LIQUID TANKS W/ ENCAPSULATED BOLT HEADS			Mechanical	Q3, 2011								
196	GEN-2		25483-000-V00-MTSW-XXXXX		STANDARD DETAILS FOR LIQUID TANKS W/ ENCAPSULATED BOLT HEADS			Mechanical	Q3, 2011								
197	GEN-2		25483-000-V00-MTSW-XXXXX		STANDARD LADDER ERECTION DRAWING			Mechanical	Q3, 2011								
198	GEN-2		25483-000-V00-MTSW-XXXXX		STANDARD LADDER ERECTION DRAWING			Mechanical	Q3, 2011								

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
199	GEN-2		25483-000-V00-MTSW-XXXXX		STANDARD ANCHOR BOLT LAYOUT FOR LIQUID PRODUCT BOLTED TANK			Mechanical	Q3, 2011								
200	GEN-2		25483-000-V00-MTSW-XXXXX		ERECTION DETAILS FOR BOLTED STEEL TANK			Mechanical	Q3, 2011								
201	GEN-2		25483-000-V00-MTSW-XXXXX		DESIGN CALCULATIONS FOR A BOLTED LIQUID STORAGE TANK			Mechanical	Q3, 2011								
202	GEN-2		25483-001-A1-1210-00001		BOILER FEED PUMP BLDG. - HRSG 1 FLOOR PLAN, ELEVATIONS & SECTION			Architectural	Q3, 2011								
203	GEN-2		25483-002-A1-1210-00001		BOILER FEED PUMP BLDG. - HRSG 2 FLOOR PLAN, ELEVATIONS & SECTIONS			Architectural	Q3, 2011								
204	GEN-2		LIST		BECHTEL CBO SUBMITTAL LIST			PE	6/14/10	7/2/10							
205	GEN-2		LIST		PROPOSED LIST OF DOCUMENTS FOR THE CTG EQUIPMENT FOR SIEMENS WESTINGHOUSE			PE	Q3, 2011								
206	GEN-2		LIST		PROPOSED LIST OF DOCUMENTS FOR THE STG EQUIPMENT FOR GENERAL ELECTRIC			PE	Q3, 2011								
207	GEN-4		RESUME		MR. DON GERKEN, RPE/ RFE RESIDENT FIELD ENGINEER (CIVIL ENGINEER)			PE	Q2, 2010	07/02/10				Approved		07/15/10	
208	GEN-5	0001-(REV1) (100809)	25483-000-GPE-GXA-00006		RESUME OF RESPONSIBLE ENGINEER - KOUSHIK CHANDA	RESUME		Electrical		08/09/10		G26-GAKG-00008	8/23/10	Approved		08/23/10	
209	GEN-5		RESUME		MR. ROBB KRUMPEN, RPE CIVIL/STRUCTURAL ENGINEER			PE	Q2, 2010	07/02/10				Approved		07/15/10	
210	GEN-5		RESUME		MR. NASI HASHEMI, RPE ELECTRICAL ENGINEER			PE	Q2, 2010	07/02/10				Approved		07/15/10	
211	GEN-5		RESUME		MR. CHRIS LOY, RPE MECHANICAL ENGINEER			PE	Q2, 2010	07/02/10				Approved		07/15/10	
212	GEN-5		RESUME		MR. DON GERKEN, RPE GEOTECH ENGINEER	RESUME		PE	Q2, 2010	07/02/10				Approved		07/15/10	
213	GEN-6		RESUME		MR. JOHN SIEMENS, RPE RESUME FOR SIEMENS			PE	Q4, 2010								
214	GEN-6		RESUME		MR. JOHN ELECTRIC, RPE FOR GENERAL ELECTRIC			PE	Q4, 2010								
215	MECH-1		25483-000-3DR-M10-00001		MECHANICAL DESIGN CRITERIA			Mechanical	Q4, 2010								
216	MECH-1		25483-000-M6J-YA-00001		P&ID SYMBOLS AND LEGENDS			Mechanical	Q4, 2010								
217	MECH-1		25483-000-M6J-YA-00002		P&ID SYMBOLS AND LEGENDS			Mechanical	Q4, 2010								
218	MECH-1		25483-000-M6J-YA-00003		P&ID SYMBOLS AND LEGENDS			Mechanical	Q4, 2010								
219	MECH-1		25483-000-M6J-YA-00004		P&ID SYMBOLS AND LEGENDS			Mechanical	Q4, 2010								
220	MECH-1		25483-000-M6J-YA-00005		P&ID SYMBOLS AND LEGENDS			Mechanical	Q4, 2010								
221	MECH-1		25483-000-M6-PF-00001		P&ID FIRE PROTECTION SYSTEM			Mechanical	Q4, 2010								
222	MECH-1		25483-000-M6-PF-00002		P&ID FIRE PROTECTION SYSTEM			Mechanical	Q4, 2010								
223	MECH-1		25483-000-M6-PW-00001		P&ID DOMESTIC WATER SYSTEM			Mechanical	Q4, 2010								
224	MECH-1		25483-000-M6-XW-00005		P&ID SANITARY WASTE SYSTEM			Mechanical	Q4, 2010								
225	MECH-1		25483-000-V00-MW00-XXXXX		WATER TREATMENT GENERAL ARRANGMENT PLAN AND STRUCTURAL NOTES			Mechanical	Q4, 2010								
226	MECH-1		25483-000-V00-MW00-XXXXX		WATER TREATMENT LOAD TABLE			Mechanical	Q4, 2010								
227	MECH-1		25483-000-V00-MW00-XXXXX		WATER TREATMENT ANCHOR BOLT LAYOUT PLAN			Mechanical	Q4, 2010								
228	MECH-3		25483-000-3PS-MA00-00000		FURNISHING, DESIGNING, INSTALLING AND TESTING OF HVAC SYSTEMS			Mechanical	Q4, 2010								
229	MECH-3		25483-000-MOC-VB-00001		HVAC SYSTEM REQUIREMENTS (MISC BUILDINGS)			Mechanical	Q4, 2010								
230	MECH-3		25483-000-MTS0-00001		HVAC SYSTEM DESIGN CALCULATIONS			Mechanical	Q4, 2010								
231	MECH-3		25483-000-V00-MA00-XXXXX		HVAC EQUIPMENT SCHEDULE AND LEGEND			Mechanical	Q4, 2010								
232	MECH-3		25483-000-V00-MA00-XXXXX		HVAC TEMPERATURE CONTROL DETAILS			Mechanical	Q4, 2010								
233	MECH-3		25483-000-V00-MA00-XXXXX		HVAC ELEC. SWITCHGEAR, SWITCHYARD CONTROL HOUSE, ACC MCC BLDG, MECHANICAL			Mechanical	Q4, 2010								
234	NOISE-1		25483-000-3RC-H01G-00004		NOISE CONTROL PLAN			Mechanical	Q4, 2010								
235	STRUC-1		25483-000-3PS-AKBS-00001		TECH SPEC FOR DESIGN & CONSTRUCTION OF THE ADMIN/MAINT SHOP WAREHOUSE BUILDING			Architectural	Q1, 2011								
236	STRUC-1		25483-000-3PS-AKBS-00002		TECH SPEC FOR DESIGN & CONSTRUCTION OF PRE-ENGINEERED BUILDINGS			Architectural	Q1, 2011								

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
237	STRUC-1		25483-000-3PS-CG01-00001		TECHNICAL SPECIFICATION FOR THE DESIGN AND CONSTRUCTION OF THE SITE ROAD			Civil	Q2, 2011								
238	STRUC-1		25483-000-3PS-CP00-00001		TECHNICAL SPECIFICATION FOR DESIGNING, FURNISHING, INSTALLING, AND TESTING PILES			Civil	Q3, 2010								
239	STRUC-1		25483-000-3PS-DB01-00001		FURNISHING AND DELIVERING READY-MIX CONCRETE			Civil	8/10/10								
240	STRUC-1		25483-000-3PS-SY01-00001		CONCRETE AND EARTHWORK TESTING SERVICES			Civil	8/10/10								
241	STRUC-1		25483-000-3SS-SS-701		TECHNICAL SPECIFICATION FOR PURCHASE OF STRUCTURAL AND MISCELLANEOUS STEEL			Civil	Q1, 2011								
242	STRUC-1		25483-000-A1-3310-00001		CT SWITCHGEAR BUILDING CONCEPTUAL FLOOR PLAN, ELEVATIONS AND SECTIONS			Architectural	Q3, 2011								
243	STRUC-1		25483-000-A1-8110-00001		ADMIN-CONTROL/MAINT/WAREHOUSE BUILDING CONCEPTUAL FLOOR PLAN & ELEVATION			Architectural	Q2, 2011								
244	STRUC-1		25483-000-A2-8190-00001		ADMIN-CONTROL/MAINT/WAREHOUSE BUILDING CONCEPTUAL ELEVATIONS & SECTION			Architectural	Q2, 2011								
245	STRUC-1		25483-000-A2-8190-00002		ADMIN/MAINT SHOP/WAREHOUSE CONCEPTUAL SECTIONS AND DETAILS			Architectural	Q3, 2011								
246	STRUC-1		25483-000-A3-0010-00001		PENETRATON DETAILS			Architectural	Q3, 2011								
247	STRUC-1		25483-000-A5-8110-00001		ADMIN-CONTROL REST ROOM FLOOR PLAN, REFLECTED CEILDING PLAN & ELEVATIONS			Architectural	Q2, 2011								
248	STRUC-1		25483-000-CPC-1100-00001		HRSG PILE ARRANGMENT CALCULATION			Civil	Q4, 2010								
249	STRUC-1		25483-000-DB-2111-00001		INTERNAL DRAIN TANK PIT PLAN, SECTIONS & DETAILS			Civil	Q2, 2011								
250	STRUC-1		25483-000-DB-2111-00002		INTERNAL DRAIN TANK PIT SECTIONS AND DETAILS			Civil	Q2, 2011								
251	STRUC-1		25483-000-DB-3200-00001		ELECTRICAL/SWITCHGEAR BUILDING FOUNDATION			Civil	Q2, 2011								
252	STRUC-1		25483-000-DB-3290-00001		ELECTRICAL/SWITCHGEAR BUILDING FOUNDATION SECTIONS AND DETAILS			Civil	Q2, 2011								
253	STRUC-1		25483-000-DB-3290-00002		ELECTRICAL/SWITCHGEAR BUILDING FOUNDATION			Civil	Q1, 2011								
254	STRUC-1		25483-000-DB-6110-00001		AMMONIA STORAGE TANK FOUNDATION PLAN SECTIONS AND DETAILS			Civil	Q2, 2011								
255	STRUC-1		25483-000-DB-7110-00001		FIRE/FILTER & DEMINERALIZED WATER TANK FOUNDATIONS PLAN - SECTION AND DETAILS			Civil	Q2, 2011								
256	STRUC-1		25483-000-DB-7110-00002		WATER TREATMENT BUILDING FOUNDATION PLAN			Civil	Q2, 2011								
257	STRUC-1		25483-000-DB-7110-00003		WATER TREATMENT BUILDING PAD & ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
258	STRUC-1		25483-000-DB-7110-00004		WATER TREATMENT MISC. YARD EQUIPMENT FOUNDATION			Civil	Q2, 2011								
259	STRUC-1		25483-000-DB-7190-00001		TITLE 22 RECYCLED WATER TREATMENT FACILITY FOUNDATIONS SECTIONS & DETAILS			Civil	Q2, 2011								
260	STRUC-1		25483-000-DB-7190-00002		ZERO LIQUID DISCHARGE FACILITY FOUNDATIONS SECTIONS & DETAILS			Civil	Q2, 2011								
261	STRUC-1		25483-000-DB-7210-00002		COOLING TOWER CONCRETE FOUNDATIONS SHEET 1			Civil	Q2, 2011								
262	STRUC-1		25483-000-DB-7210-00003		COOLING TOWER CONCRETE FOUNDATIONS SHEET 2			Civil	Q2, 2011								
263	STRUC-1		25483-000-DB-7210-00004		COOLING TOWER CONCRETE FOUNDATIONS SHEET 3			Civil	Q2, 2011								
264	STRUC-1		25483-000-DB-7210-00005		COOLING TOWER CONCRETE FOUNDATIONS SHEET 4			Civil	Q2, 2011								
265	STRUC-1		25483-000-DB-7290-00001		COOLING TOWER CONCRETE NEAT LINE AND REINFORCING			Civil	Q2, 2011								
266	STRUC-1		25483-000-DB-7710-00001		OIL/WATER SEPARATOR-FOUNDATIONS PLAN SECTIONS AND DETAILS			Civil	Q2, 2011								
267	STRUC-1		25483-000-DB-9010-00001		MISCELLANEOUS CONCRETE FOUNDATION			Civil	Q2, 2011								
268	STRUC-1		25483-000-DB-9010-00002		MISCELLANEOUS CONCRETE FOUNDATION SHEET 2			Civil	Q2, 2011								
269	STRUC-1		25483-000-DB-9210-00001		PIPE RACK FOUNDATION CONCRETE NEAT LINE & REINFORCING PLAN, SHEET 1			Civil	Q2, 2011								
270	STRUC-1		25483-000-DB-9210-00002		PIPE RACK FOUNDATION CONCRETE NEAT LINE & REINFORCING PLAN, SHEET 2			Civil	Q2, 2011								
271	STRUC-1		25483-000-DB-9290-00001		PIPE RACK FOUNDATION SECTIONS AND DETAILS			Civil	Q2, 2011								
272	STRUC-1		25483-000-DBC-1110-00001		DESIGN OF HRSG AND STACK FOUNDATION, UNIT 1			Civil	Q1, 2011								
273	STRUC-1		25483-000-DBC-1110-00004		HRSG STAIR FOUNDATION, UNIT 2			Civil	Q1, 2011								
274	STRUC-1		25483-000-DBC-1110-00005		HRSG AREA SLAB			Civil	Q1, 2011								

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
275	STRUC-1		25483-000-DBC-1110-00006		KETTLE BOILER PIERS			Civil	Q2, 2011								
276	STRUC-1		25483-000-DBC-1210-00001		BOILER FEEDWATER PUMP BUILDING FOUNDATION			Civil	Q2, 2011								
277	STRUC-1		25483-000-DBC-1210-00002		BOILER FEEDWATER PUMP FOUNDATION DESIGN			Civil	Q2, 2011								
278	STRUC-1		25483-000-DBC-1210-00003		CHEMICAL SUN SHADE AND FEED SYSTEM FOUNDATIONS			Civil	Q2, 2011								
279	STRUC-1		25483-000-DBC-1400-00001		COMBUSTION TURBINE WASH WATER SUMP CALCULATION			Civil	Q2, 2011								
280	STRUC-1		25483-000-DBC-1400-00002		MISCELLANEOUS SUMPS PLAN, SECTIONS AND DETAILS			Civil	Q1, 2011								
281	STRUC-1		25483-000-DBC-1410-00001		COMBUSTION TURBINE FOUNDATION DESIGN, UNIT 1 CALC			Civil	Q2, 2011								
282	STRUC-1		25483-000-DBC-1410-00002		COMBUSTION TURBINE FOUNDATION DESIGN, UNIT 2			Civil	Q2, 2011								
283	STRUC-1		25483-000-DBC-1411-00001		COMBUSTION TURBINE - AIR INLET AND SILENCER FOUNDATION, UNIT 1 CALC			Civil	Q2, 2011								
284	STRUC-1		25483-000-DBC-1411-00002		COMBUSTION TURBINE - AIR INLET AND SILENCER FOUNDATION, UNIT 2			Civil	Q2, 2011								
285	STRUC-1		25483-000-DBC-1411-00003		COMBUSTION TURBINE AREA SLAB			Civil	Q2, 2011								
286	STRUC-1		25483-000-DBC-1411-00004		DESIGN OF EXHAUST FOUNDATION INTERFACE			Civil	Q2, 2011								
287	STRUC-1		25483-000-DBC-1411-00005		CT GENERATOR BREAKER FOUNDATION			Civil	Q2, 2011								
288	STRUC-1		25483-000-DBC-1491-00001		COMBUSTION TURBINE ELECTRIC PEEC STEEL DESIGN CALC			Civil	Q2, 2011								
289	STRUC-1		25483-000-DBC-1491-00002		COMBUSTION TURBINE - ANCHOR BOLT ON PEEC PACKAGE			Civil	Q2, 2011								
290	STRUC-1		25483-000-DBC-2111-00001		INTERNAL DRAIN TANK SUMP			Civil	Q2, 2011								
291	STRUC-1		25483-000-DBC-2410-00002		STEAM TURBINE PEDESTAL DESIGN CALCULATION			Civil	Q2, 2011								
292	STRUC-1		25483-000-DBC-3200-00001		DESIGN OF SWITCHGEAR BUILDING VAULT			Civil	Q2, 2011								
293	STRUC-1		25483-000-DBC-3200-00002		DUCT BANK OPENINGS IN PIT WALLS OF SWITCHGEAR BUILDING			Civil	Q1, 2011								
294	STRUC-1		25483-000-DBC-3200-00003		SWITCHGEAR BUILDING SLAB ON GRADE			Civil	Q1, 2011								
295	STRUC-1		25483-000-DBC-3310-00001		DESIGN OF FOUNDATION AND PIT FOR CTG TRANSFORMER AND UNIT AUX TRANSFORMER			Civil	Q2, 2011								
296	STRUC-1		25483-000-DBC-3310-00002		DESIGN OF EMBEDDED PLATES FOR CTG TRANSFORMER AND UNIT AUX TRANSFORMER			Civil	Q2, 2011								
297	STRUC-1		25483-000-DBC-4410-00001		CEMS FOUNDATION DESIGN			Civil	Q2, 2011								
298	STRUC-1		25483-000-DBC-6110-00001		AMMONIA STORAGE TANK FOUNDATIONS			Civil	Q2, 2011								
299	STRUC-1		25483-000-DBC-7110-00001		FIELD ERECTED TANK FOUNDATIONS			Civil	Q2, 2011								
300	STRUC-1		25483-000-DBC-7110-00002		WATER TREATMENT BUILDING FOUNDATION AND ASSOCIATED EQUIPMENT			Civil	Q2, 2011								
301	STRUC-1		25483-000-DBC-7110-00003		WATER TREATMENT BUILDING - MASONRY WALL DESIGN			Civil	Q2, 2011								
302	STRUC-1		25483-000-DBC-7110-00004		MISC. WATER TREATMENT SYSTEM YARD EQUIPMENT FOUNDATION			Civil	Q2, 2011								
303	STRUC-1		25483-000-DBC-7200-00001		CONDENSATE PUMP FOUNDATION CALCULATIONS			Civil	Q2, 2011								
304	STRUC-1		25483-000-DBC-7210-00001		COOLING TOWER FOUNDATION DESIGN			Civil	Q2, 2011								
305	STRUC-1		25483-000-DBC-7210-00003		COOLING TOWER ANCHOR BOLT DUCTILITY CALC			Civil	Q2, 2011								
306	STRUC-1		25483-000-DBC-7210-00004		COOLING TOWER STAIR FOUNDATION CLACULATION			Civil	Q2, 2011								
307	STRUC-1		25483-000-DBC-7210-00005		CONDENSATE COOLING TOWER TANK FOUNDATION			Civil	Q2, 2011								
308	STRUC-1		25483-000-DBC-7210-00009		COOLING TOWER/MCC BUILDING SLAB ON GRADE			Civil	Q2, 2011								
309	STRUC-1		25483-000-DBC-9210-00001		PIPE RACK AND STAIR TOWER FOUNDATION			Civil	Q2, 2011								
310	STRUC-1		25483-000-DBC-9210-00002		GAS PREHEATER PIER DESIGN			Civil	Q2, 2011								
311	STRUC-1		25483-000-DDC-1410-00001		COMBUSTION TURBINE - ANCHOR BOLT DUCTILITY CALC			Civil	Q2, 2011								
312	STRUC-1		25483-000-S0-0000-00001		CIVIL/STRUCTURAL STANDARDS STRUCTURAL STEEL DETAILS, SHEET 1			Structural	Q3, 2010								

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
313	STRUC-1		25483-000-S0-0000-00002		CIVIL/STRUCTURAL STANDARDS STRUCTURAL STEEL DETAILS, SHEET 2			Structural	Q3, 2010								
314	STRUC-1		25483-000-S0-0000-00003		CIVIL/STRUCTURAL STANDARDS STRUCTURAL STEEL DETAILS, SHEET 3			Structural	Q3, 2010								
315	STRUC-1		25483-000-S0-0000-00004		CIVIL/STRUCTURAL STANDARDS STRUCTURAL STEEL DETAILS, SHEET 4			Structural	Q3, 2010								
316	STRUC-1		25483-000-S0-0000-00005		CIVIL/STRUCTURAL STANDARDS STRUCTURAL STEEL DETAILS, SHEET 5			Structural	Q3, 2010								
317	STRUC-1		25483-000-S0-0000-00006		CIVIL/STRUCTURAL STANDARDS STRUCTURAL STEEL DETAILS, SHEET 6			Structural	Q3, 2010								
318	STRUC-1		25483-000-SS-1410-00001		GENERATOR CIRCUIT BREAKER SUPPORT STRUCTURE			Structural	Q2, 2011								
319	STRUC-1		25483-000-SS-7210-00001		COOLING TOWER AREA CHEMICAL SUN SHADE			Structural	Q2, 2011								
320	STRUC-1		25483-000-SS-9200-00001		PIPE RACK			Structural	Q2, 2011								
321	STRUC-1		25483-000-SS-9210-00001		PIPE RACK STEEL PLAN AT EL. XX' SHEET 1			Structural	Q2, 2011								
322	STRUC-1		25483-000-SS-9210-00002		PIPE RACK STEEL PLAN AT EL. XX' SHEET 2			Structural	Q2, 2011								
323	STRUC-1		25483-000-SS-9210-00003		PIPE RACK STEEL PLAN AT EL. XX' SHEET 1			Structural	Q2, 2011								
324	STRUC-1		25483-000-SS-9210-00004		PIPE RACK STEEL PLAN AT EL. XX' SHEET 2			Structural	Q2, 2011								
325	STRUC-1		25483-000-SS-9210-00005		PIPE RACK STEEL PLAN AT EL. XX' SHEET 1			Structural	Q2, 2011								
326	STRUC-1		25483-000-SS-9210-00006		PIPE RACK STEEL PLAN AT EL. XX' SHEET 2			Structural	Q2, 2011								
327	STRUC-1		25483-000-SS-9210-00007		PIPE RACK STEEL PLAN AT EL. XX'			Structural	Q2, 2011								
328	STRUC-1		25483-000-SS-9211-00001		PIPE RACK STAIR TOWER			Structural	Q2, 2011								
329	STRUC-1		25483-000-SS-9211-00002		MISCELLANEOUS PIPE RACK STAIRS AND PLATFORMS			Structural	Q2, 2011								
330	STRUC-1		25483-000-SS-9290-00001		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 1			Structural	Q2, 2011								
331	STRUC-1		25483-000-SS-9290-00002		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 2			Structural	Q2, 2011								
332	STRUC-1		25483-000-SS-9290-00003		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 3			Structural	Q2, 2011								
333	STRUC-1		25483-000-SS-9290-00004		PIPE RACK STEEL - SECTIONS AND ELEVATIONS, SHEET 4			Structural	Q2, 2011								
334	STRUC-1		25483-000-SSC-1410-00002		CIRCUIT BREAKER SUPPORT STRUCTURE			Structural	Q2, 2011								
335	STRUC-1		25483-000-SSC-7210-00001		CHEMICAL SUN SHADE STRUCTURE @ COOLING TOWER CALCULATION			Structural	Q2, 2011								
336	STRUC-1		25483-000-SSC-9210-00001		PIPERACK CALCULATIONS			Structural	Q2, 2011								
337	STRUC-1		25483-000-SSC-9211-00001		STAIR TOWER AT THE WEST END OF THE PIPE RACK			Structural	Q2, 2011								
338	STRUC-1		25483-000-SSC-XXX		ELECTRICAL ABOVE GROUND RACEWAY SUPPORT CALCULATIONS			Structural	Q2, 2011								
339	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q2, 2011								
340	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWING FOR COOLING TOWER BUILDING			Architectural	Q2, 2011								
341	STRUC-1		25483-000-V00-AKBS-XXXXX		DESIGN CERTIFICATION ENGINEERING CALCULATION FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
342	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
343	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
344	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
345	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
346	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
347	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
348	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
349	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
350	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
351	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
352	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
353	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
354	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
355	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
356	STRUC-1		25483-000-V00-AKBS-XXXXX		ERECTION DRAWINGS FOR SWITCHGEAR BUILDING			Architectural	Q2, 2011								
357	STRUC-1		25483-000-V00-AKBS-XXXXX		STANDARD ERECTION DETAILS			Architectural	Q2, 2011								
358	STRUC-1		25483-000-V00-AKBS-XXXXX		DESIGN CERTIFICATION ENGINEERING CALCULATION FOR WATER TREATMENT BUILDING			Architectural	Q2, 2011								
359	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING EQUIPMENT SCHEDULE AND LEGEND			Architectural	Q2, 2011								
360	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING EQUIPMENT SCHEDULE AND LEGEND			Architectural	Q2, 2011								
361	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING FIRST FLOOR MECHANICAL DUCTWORK			Architectural	Q2, 2011								
362	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING MECHANICAL DETAILS			Architectural	Q2, 2011								
363	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING TITLE 24 SHEETS			Architectural	Q2, 2011								
364	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING PLUMBING SCHEDULES AND DETAILS			Architectural	Q2, 2011								
365	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING ABOVE GROUND PLUMBING			Architectural	Q2, 2011								
366	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING UNDERGROUND PLUMBING			Architectural	Q2, 2011								
367	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q2, 2011								
368	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q2, 2011								
369	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SYS ERECTION DRAWINGS			Architectural	Q2, 2011								
370	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SURFACES FOR ACCESS FLOORS			Architectural	Q2, 2011								
371	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING BRANDOW & JOHNSTON ASSOCIATES ACCESS FLOOR CALCULATIONS			Architectural	Q2, 2011								
372	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING 18" FINISHED FLOOR			Architectural	Q2, 2011								
373	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING SUMP PLAN AND DETAILS			Architectural	Q2, 2011								
374	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING STRUCTURAL CALCULATIONS FOR ACCORDION DOOR SUPPORT			Architectural	Q2, 2011								
375	STRUC-1		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING TYP. ACCORDION DOOR DETAILS			Architectural	Q2, 2011								
376	STRUC-1		25483-000-V00-CP00-XXXXX		MANUAL FOR QUALITY CONTROL AND PRODUCTION OF STRUCTURAL PRECAST CONCRETE			Civil	Q2, 2011								
377	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER FOUNDATION LOADS			Mechanical	Q2, 2011								
378	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER TYPICAL CONNECTIONS DETAILS			Mechanical	Q3, 2011								
379	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER TYPICAL CONNECTIONS DETAILS			Mechanical	Q3, 2011								
380	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER STRUCTURAL STEEL CALCULATIONS FOR STAIRCASE (MAIN			Mechanical	Q3, 2011								
381	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER STRUCTURAL STEEL CALCULATIONS FOR LADDER SUPPORT			Mechanical	Q3, 2011								
382	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER DESIGN CALCULATIONS - COOLING TOWER SUPPORT STRUCTURE			Mechanical	Q3, 2011								
383	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER DESIGN CALCULATIONS - COOLING TOWER SUPPORT STRUCTURE			Mechanical	Q3, 2011								
384	STRUC-1		25483-000-V00-MEAA-XXXXX		STRUCTURAL CALCULATIONS FOR COOLING TOWER (MAIN CALCULATION)			Mechanical	Q3, 2011								
385	STRUC-1		25483-000-V00-MEAA-XXXXX		SUPPORT STRUCTURE SIDE VIEW			Mechanical	Q3, 2011								
386	STRUC-1		25483-000-V00-MEAA-XXXXX		SUPPORT STRUCTURE SIDE VIEW PART 2			Mechanical	Q3, 2011								
387	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER SUPPORT STRUCTURE			Mechanical	Q3, 2011								
388	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER DETAILS & ROOF STRUCTURE			Mechanical	Q3, 2011								

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
389	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER MOTOR SUPPORT STRUCTURE			Mechanical	Q3, 2011								
390	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER DETAILS OF PLATFORM & FANDECK & SUPPORT STEEL			Mechanical	Q3, 2011								
391	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER STAIRCASE			Mechanical	Q3, 2011								
392	STRUC-1		25483-000-V00-MEAA-XXXXX		COOLING TOWER LADDER			Mechanical	Q3, 2011								
393	STRUC-1		25483-000-VXX-XXX		230KV SWITCHYARD FOUNDATIONS (MULTIPLE DWGS)			Civil	Q2, 2011								
394	STRUC-1		25483-000-VXX-XXX		230KV SWITCHYARD FOUNDATION PLAN			Civil	Q2, 2011								
395	STRUC-1		25483-000-VXX-XXX		230KV SWITCHYARD STRUCTURE CALCS (MULTIPLE)			Structural	Q2, 2011								
396	STRUC-1		25483-001-CP-1400-00001		COMBUSTION TURBINE #1 PILE LOCATION			Civil	Q1, 2011								
397	STRUC-1		25483-001-DB-1110-00001		HRSG/STACK #1 FOUNDATION CONCRETE LINE			Civil	Q1, 2011								
398	STRUC-1		25483-001-DB-1110-00002		HRSG #1 STAIR TOWER FOUNDATION PLAN AND SECTION			Civil	Q1, 2011								
399	STRUC-1		25483-001-DB-1111-00001		HRSG #1 AREA SLAB NEAT LINE & ANCHOR BOLT LOCATION PLAN			Civil	Q1, 2011								
400	STRUC-1		25483-001-DB-1210-00001		BOILER FEEDPUMP BUILDING #1 FOUNDATION PLAN AND SECTIONS			Civil	Q2, 2011								
401	STRUC-1		25483-001-DB-1210-00002		BOILER FEEDWATER PUMP 1A & 1B FOUNDATION PLAN AND SECTIONS			Civil	Q2, 2011								
402	STRUC-1		25483-001-DB-1210-00003		UNIT 1 BOILER FEED PUMP CHEMICAL SUN SHADE FDN			Civil	Q2, 2011								
403	STRUC-1		25483-001-DB-1400-00001		MISCELLANEOUS SUMPS PLAN, SECTIONS AND DETAILS			Civil	Q2, 2011								
404	STRUC-1		25483-001-DB-1410-00001		COMBUSTION TURBINE NO. 1 NEAT LINE & EMBEDMENT PLAN			Civil	Q2, 2011								
405	STRUC-1		25483-001-DB-1411-00001		COMBUSTION TURBINE #1 AREA SLAB NEAT LINE PLAN			Civil	Q2, 2011								
406	STRUC-1		25483-001-DB-1490-00001		COMBUSTION TURBINE NO. 1 SECTIONS & DETAILS			Civil	Q2, 2011								
407	STRUC-1		25483-001-DB-1491-00001		CT #1 AREA SLAB SECTION AND DETAILS			Civil	Q2, 2011								
408	STRUC-1		25483-001-DB-1491-00004		COMBUSTION TURBINE #1 ELECTRICAL VAULT SECTIONS & DETAILS			Civil	Q2, 2011								
409	STRUC-1		25483-001-DB-3310-00001		COMBUSTION TURBINE #1 MAIN AND UNIT AUX TRANSFORMER FOUNDATION PLAN & SECTIONS			Civil	Q2, 2011								
410	STRUC-1		25483-001-DB-3390-00001		COMBUSTION TURBINE #1 MAIN AND UNIT AUX TRANSFORMER FOUNDATION SECTIONS & DETAILS			Civil	Q2, 2011								
411	STRUC-1		25483-001-DB-4110-00001		AIR INLET FILTER/SILENCER #1 FOUNDATION PLAN SECTIONS & DETAILS			Civil	Q2, 2011								
412	STRUC-1		25483-001-DB-4410-00001		UNIT 1 CEMS FOUNDATION CONCRETE NEAT LINE & REINFORCING			Civil	Q2, 2011								
413	STRUC-1		25483-001-DD-1410-00001		CT #1 ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
414	STRUC-1		25483-001-DD-1410-00002		CT #1 MAXIBOLT LOCATION PLAN			Civil	Q2, 2011								
415	STRUC-1		25483-001-DD-1411-00001		COMBUSTION TURBINE #1 AREA SLAB ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
416	STRUC-1		25483-001-DG-1110-00001		HRSG/STACK #1 FOUNDATION BOTTOM REINFORCING PLAN			Civil	Q1, 2011								
417	STRUC-1		25483-001-DG-1110-00002		HRSG/STACK #1 FOUNDATION TOP REINFORCING PLAN			Civil	Q1, 2011								
418	STRUC-1		25483-001-DG-1190-00001		HRSG/STACK #1 FOUNDATION REINFORCING SECTIONS			Civil	Q1, 2011								
419	STRUC-1		25483-001-DG-1410-00001		CT #1 REINFORCING PLAN			Civil	Q2, 2011								
420	STRUC-1		25483-001-DG-1490-00001		CT #1 SECTIONS AND DETAILS			Civil	Q2, 2011								
421	STRUC-1		25483-001-SS-1110-00001		PLATFORM AT UNIT 1 BOILER BLOWDOWN TANK			Structural	Q2, 2011								
422	STRUC-1		25483-001-SS-1210-00002		UNIT 1 BOILER FEED PUMP AREA CHEMICAL SUN SHADE & PLATFORM STEEL			Structural	Q2, 2011								
423	STRUC-1		25483-002-DB-1110-00001		HRSG/STACK #2 FOUNDATION CONCRETE NEAT LINE			Civil	Q1, 2011								
424	STRUC-1		25483-002-DB-1110-00002		HRSG #2 STAIR TOWER FOUNDATION PLAN AND SECTION			Civil	Q1, 2011								
425	STRUC-1		25483-002-DB-1111-00001		HRSG #2 AREA SLAB NEAT LINE & ANCHOR BOLT LOCATION PLAN			Civil	Q1, 2011								
426	STRUC-1		25483-002-DB-1210-00001		BOILER FEEDPUMP BUILDING #2 FOUNDATION PLAN AND SECTIONS			Civil	Q2, 2011								

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
427	STRUC-1		25483-002-DB-1210-00002		BOILER FEEDWATER PUMP 2A & 2B FOUNDATION PLAN AND SECTIONS			Civil	Q2, 2011								
428	STRUC-1		25483-002-DB-1210-00003		UNIT 2 BOILER FEED PUMP CHEMICAL SUN SHADE FDN			Civil	Q2, 2011								
429	STRUC-1		25483-002-DB-1400-00001		MISCELLANEOUS SUMPS PLAN, SECTIONS AND DETAILS			Civil	Q1, 2011								
430	STRUC-1		25483-002-DB-1410-00001		CT #2 NEAT LINE & EMBEDMENT PLAN			Civil	Q2, 2011								
431	STRUC-1		25483-002-DB-1411-00001		COMBUSTION TURBINE #2 AREA SLAB NEAT LINE PLAN			Civil	Q2, 2011								
432	STRUC-1		25483-002-DB-1490-00001		CT #2 SECTIONS AND DETAILS			Civil	Q2, 2011								
433	STRUC-1		25483-002-DB-1491-00001		CT #2 AREA FOUNDATION SECTION AND DETAILS			Civil	Q2, 2011								
434	STRUC-1		25483-002-DB-1491-00003		COMBUSTION TURBINE #2 ELECTRICAL VAULT CONCRETE NEAT LINE & REINFORCING			Civil	Q2, 2011								
435	STRUC-1		25483-002-DB-1491-00004		COMBUSTION TURBINE #2 ELECTRICAL VAULT SECTIONS & DETAILS			Civil	Q2, 2011								
436	STRUC-1		25483-002-DB-3310-00001		COMBUSTION TURBINE #2 MAIN AND UNIT AUX TRANSFORMER FOUNDATION PLAN & SECTIONS			Civil	Q2, 2011								
437	STRUC-1		25483-002-DB-3390-00001		COMBUSTION TURBINE #2 MAIN AND UNIT AUX TRANSFORMER FOUNDATION SECTIONS & DETAILS			Civil	Q2, 2011								
438	STRUC-1		25483-002-DB-4110-00001		AIR INLET FILTER/SILENCER #2 FOUNDATION PLAN SECTIONS & DETAILS			Civil	Q2, 2011								
439	STRUC-1		25483-002-DD-1410-00001		CT #2 ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
440	STRUC-1		25483-002-DD-1410-00002		CT #2 MAXIBOLT LOCATION PLAN			Civil	Q2, 2011								
441	STRUC-1		25483-002-DD-1411-00001		COMBUSTION TURBINE #2 AREA SLAB ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
442	STRUC-1		25483-002-DG-1110-00001		HRSG/STACK #2 AREA SLAB ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
443	STRUC-1		25483-002-DG-1110-00002		HRSG/STACK #2 FOUNDATION TOP REINFORCING PLAN			Civil	Q1, 2011								
444	STRUC-1		25483-002-DG-1190-00001		HRSG/STACK #2 FOUNDATION REINFORCING SECTIONS			Civil	Q1, 2011								
445	STRUC-1		25483-002-DG-1410-00001		CT #2 REINFORCING PLAN			Civil	Q2, 2011								
446	STRUC-1		25483-002-DG-1490-00001		CT #2 SECTIONS AND DETAILS			Civil	Q2, 2011								
447	STRUC-1		25483-002-SS-1110-00001		PLATFORM AT UNIT 2 BOILER BLOWDOWN TANK			Structural	Q2, 2011								
448	STRUC-1		25483-002-SS-1210-00002		UNIT 2 BOILER FEED PUMP AREA CHEMICAL SUN SHADE & PLATFORM STEEL			Structural	Q2, 2011								
449	STRUC-1		25483-003-3DR-C11-00001		CIVIL/STRUCTURAL DESIGN CRITERIA			Civil	Q3, 2010								
450	STRUC-1		25483-003-CP-2400-00001		STEAM TURBINE PILE LOCATION PLAN			Civil	Q2, 2011								
451	STRUC-1		25483-003-DB-2110-00001		STEAM TURBINE AREA FOUNDATION PLAN			Civil	Q2, 2011								
452	STRUC-1		25483-003-DB-2111-00003		GLAND STEAM SKID PLATFORM FOUNDATION			Civil	Q2, 2011								
453	STRUC-1		25483-003-DB-2112-00001		STEAM JET AIR EJECTOR FOUNDATIONS			Civil	Q2, 2011								
454	STRUC-1		25483-003-DB-2190-00001		STEAM TURBINE AREA FOUNDATION SECTIONS AND DETAILS			Civil	Q2, 2011								
455	STRUC-1		25483-003-DB-2410-00001		STEAM TURBINE PEDESTAL NEAT LINE PLAN			Civil	Q2, 2011								
456	STRUC-1		25483-003-DB-2490-00001		STEAM TURBINE PEDESTAL FOUNDATION SECTIONS			Civil	Q2, 2011								
457	STRUC-1		25483-003-DB-3410-00001		STEAM TURBINE FOUNDATION NEAT LINE PLAN AND SECTIONS			Civil	Q2, 2011								
458	STRUC-1		25483-003-DB-3490-00001		STEAM TURBINE FOUNDATION PLAN AND SECTIONS			Civil	Q2, 2011								
459	STRUC-1		25483-003-DB-3490-00002		STEAM TURBINE FOUNDATION SECTIONS AND DETAIL			Civil	Q2, 2011								
460	STRUC-1		25483-003-DBC-2110-00001		DESIGN OF STEAM TURBINE AREA SLAB FOUNDATION			Civil	Q2, 2011								
461	STRUC-1		25483-003-DBC-2110-00002		DESIGN OF STEAM TURBINE GENERATOR AIR INLET FILTER FOUNDATION			Civil	Q2, 2011								
462	STRUC-1		25483-003-DBC-2110-00003		GLAND STEAM SKID FOUNDATION			Civil	Q2, 2011								
463	STRUC-1		25483-003-DBC-2110-00006		STEAM JET AIR EJECTOR PLATFORM FOUNDATIONS			Civil	Q2, 2011								
464	STRUC-1		25483-003-DBC-2410-00001		STEAM TURBINE FOUNDATION DESIGN			Civil	Q2, 2011								

CEC No. 01-AFC-07C
RUSSELL CITY ENERGY CENTER
CBO SUBMITTALS LIST

25483-000-G02-GGG-00003
9/2/2010

Project Address: 3862 Depot Road, Hayward, CA 94545

Bechtel Job 25483

SORT ORDER	COC Number	CBO Reference Number	Document Number	Rev	Document Title	Document Type	REV'D	Responsible Discipline	Scheduled to CBO	Actual to CBO	RPE Seal	Transmittal Letter Number	Requested Approval Date	CBO Response Date	Re-Submittal Responses to Comments	CBO Approval Date	Comments
465	STRUC-1		25483-003-DBC-3310-00003		DESIGN OF FOUNDATION AND PIT FOR STG TRANSFORMER			Civil	Q2, 2011								
466	STRUC-1		25483-003-DD-2410-00001		STEAM TURBINE PEDESTAL ANCHOR BOLT LOCATION PLAN			Civil	Q2, 2011								
467	STRUC-1		25483-003-DD-2410-00002		STEAM TURBINE PEDESTAL EMBEDMENT PLAN			Civil	Q2, 2011								
468	STRUC-1		25483-003-DD-2490-00001		STEAM TURBINE PEDESTAL EMBEDMENT SECTIONS & DETAILS, SHT 1			Civil	Q2, 2011								
469	STRUC-1		25483-003-DD-2490-00002		STEAM TURBINE PEDESTAL EMBEDMENT SECTIONS & DETAILS, SHT 2			Civil	Q2, 2011								
470	STRUC-1		25483-003-DDC-2410-00001		DESIGN OF ANCHOR BOLTS FOR STEAM TURBINE			Civil	Q2, 2011								
471	STRUC-1		25483-003-DDC-2410-00002		DESIGN OF TRANSVERSE & ANCHOR PLATES FOR STEAM TURBINE			Civil	Q2, 2011								
472	STRUC-1		25483-003-DG-2410-00001		STEAM TURBINE PEDESTAL REINFORCEMENT PLAN			Civil	Q2, 2011								
473	STRUC-1		25483-003-DG-2490-00001		STEAM TURBINE PEDESTAL REINFORCING SECTIONS & DETAILS, SHT 1			Civil	Q2, 2011								
474	STRUC-1		25483-003-DG-2490-00002		STEAM TURBINE PEDESTAL REINFORCING SECTIONS & DETAILS, SHT 2			Civil	Q2, 2011								
475	STRUC-1		25483-003-DGC-2410-00001		STEAM TURBINE FOUNDATION DESIGN			Civil	Q2, 2011								
476	STRUC-1		25483-003-SS-2110-00001		GLAND STEAM STEEL SUPPORT PLATFORM			Structural	Q2, 2011								
477	STRUC-1		25483-003-SS-2120-00001		STEAM JET AIR EJECTOR PLATFORM SHEET 1			Structural	Q2, 2011								
478	STRUC-1		25483-003-SS-2120-00002		STEAM JET AIR EJECTOR PLATFORM SHEET 2			Structural	Q2, 2011								
479	STRUC-1		25483-003-SS-2190-00001		STEAM JET AIR EJECTOR PLATFORM ELEVATIONS AND DETAILS			Structural	Q2, 2011								
480	STRUC-1		25483-003-SS-2410-00001		STEAM TURBINE PEDESTAL PLATFORMS			Structural	Q2, 2011								
481	STRUC-1		25483-003-SS-2410-00002		STEAM TURBINE PEDESTAL PLATFORMS			Structural	Q2, 2011								
482	STRUC-1		25483-003-SS-2490-00001		STEAM TURBINE PEDESTAL PLATFORMS SECTIONS & DETAILS, SHEET 1			Structural	Q2, 2011								
483	STRUC-1		25483-003-SS-2490-00002		STEAM TURBINE PEDESTAL PLATFORMS SECTIONS & DETAILS, SHEET 2			Structural	Q2, 2011								
484	STRUC-1		25483-003-SSC-2110-00001		GLAND STEAM SKID STEEL PLATFORM CALCULATION			Structural	Q2, 2011								
485	STRUC-1		25483-003-SSC-2110-00002		STEAM JET AIR EJECTOR PLATFORMS CALCULATION			Structural	Q2, 2011								
486	STRUC-1		25483-003-SSC-2410-00001		STEAM TURBINE PEDESTAL PLATFORMS			Structural	Q2, 2011								
487	TITLE 24		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING ENERGY COMPLIANCE REPORT			Architectural	Q3, 2011								
488	TITLE 24		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING REFLECTED CEILING PLAN			Architectural	Q3, 2011								
489	TITLE 24		25483-000-V00-AKBS-XXXXX		ADMIN BUILDING INTERIOR LIGHTING PLAN			Architectural	Q3, 2011								
490	VIS-4		25483-000-ELJ-GCX-00001		PLANT LIGHTING AND PLAN (MULTIPLE SHEET DOCUMENT DESCRIBING ILLUMINATION LEVEL FOR EACH AREA)			Electrical	Q3, 2011								
491	VIS-5		25483-000-C2-0100-00004		FENCING PLAN			Civil	8/10/10								
492	VIS-5		25483-000-S0-0000-00011		CIVIL/STRUCTURAL STANDARDS FENCE DETAILS, SHEET 1			Structural	Q3, 2010								
493	VIS-5		25483-000-S0-0000-00012		CIVIL/STRUCTURAL STANDARDS FENCE DETAILS, SHEET 2			Structural	Q3, 2010								
494	ELEC-1		25483-001-E3-1401-00001		HAZARDOUS AREA CLASSIFICATION DRAWING- UNIT 1 CTG AREA			Electrical	Q3, 2011								

CONDITION OF CERTIFICATION
CIVIL-1

Russell City Energy Center
Monthly Compliance Report #1
August 2010

Russell City Energy Company, LLC

717 Texas Avenue
Suite 1000
Houston, TX 77002

September 10, 2010

Ms. Mary Dyas
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

RE: Russell City Energy Center
01-AFC-7C
Condition of Certification CIVIL-1 CBO Approval

Dear Ms. Dyas:

In compliance with Condition of Certification CIVIL-1, as set forth in the California Energy Commission's Final Decision for the Russell City Energy Center (RCEC), this letter certifies that the documents required by CIVIL-1 have been approved by the CBO.

If you have any questions or require any additional information, please contact Allison Bryan at 925-557-2250.

Sincerely,

//s//
Gevan Reeves
Director, Origination

CONDITION OF CERTIFICATION
AQ-SC3, AQ-SC4, AQ-SC5

Russell City Energy Center
Monthly Compliance Report #1
August 2010

Russell City Energy Center
Monthly Compliance Reports (MCRs)

California Energy Commission, Final Commission Decision, Commission Order No. 07-0926-04, Docket No. 01-AFC-7C, October 2007.

Month: August 2010	
Name of Permittee: RCEC LLC (permittee) / Bechtel Power Corporation (prime contractor)	
Project Location: 3862 Depot Road, Hayward CA. 94545	
County: Alameda County	
Bechtel Project ID: 25483	
Weather: Temperatures in Hayward were normal throughout the month with average daytime highs 73º, and overnight lows averaging 57º and average mean temperature of 65º. Precipitation:0.0”	
Description of present phase of construction:	Site & geotech survey completed in various project parcels. Biological and cultural resources monitors conducted initial surveys.
Worker Environmental Awareness Program (WEAP) & Bechtel Environmental Awareness Training Program	New hire orientation training was conducted on August 24th, for two Towill Inc. survey employees. Training roster attached.
AQCMP Summary: (Condition of certification AQ-SC3 AQ-SC4 and AQ-SC5)	No fugitive dust control actions and/or complaints were noted during this reporting period. No diesel-fueled engines were operated on site during this reporting period.
DESCP & SWPPP:	No ground disturbance or storm water management occurred during this reporting period.

CONDITION OF CERTIFICATION
WORKER SAFETY-3

Russell City Energy Center
Monthly Compliance Report #1
August 2010

Russell City Energy Center
Monthly Compliance Reports (MCRs)

California Energy Commission, Final Commission Decision, Commission Order No. 07-0926-04, Docket No. 01-AFC-7C, October 2007.

Month: August 2010	
Name of Permittee: RCEC LLC (permittee) / Bechtel Power Corporation (prime contractor)	
Project Location: 3862 Depot Road, Hayward CA. 94545	
County: Alameda County	
Bechtel Project ID: 25483	
Weather: Temperatures in Hayward were normal throughout the month with average daytime highs 73º, and overnight lows averaging 57º and average mean temperature of 65º. Precipitation:0.0”	
Description of present phase of construction:	Site & geotech survey completed in various project parcels. Biological and cultural resources monitors conducted initial surveys.
Worker Environmental Awareness Program (WEAP) & Bechtel Environmental Awareness Training Program	New hire orientation training was conducted on August 24th, for two Towill Inc. survey employees. Training roster attached.
AQCMP Summary: (Condition of certification AQ-SC3 AQ-SC4 and AQ-SC5)	No fugitive dust control actions and/or complaints were noted during this reporting period. No diesel-fueled engines were operated on site during this reporting period.
DESCP & SWPPP:	No ground disturbance or storm water management occurred during this reporting period.

Bechtel Training Roster

Russell City Energy Center (RCEC)

DATE: 8-24-10	
COURSE Number New Hire Orientation Training	Location Hayward Ca.
INSTRUCTOR NAME(S): OTIS DRINKARD	
COURSE COMPLETION DATE: 8-24-10	

Employee Number	Full Name	COMPANY	DATE
	IAN McNEIL	TOWILL INC	8-24-10
	MATTHEW VIELBAUM	TOWILL, INC	8-24-10

INSTRUCTOR'S SIGNATURE: DATE: 8/24/2010

FORM T_TRAIN.DOC 2006:REV.3

CONDITION OF CERTIFICATION
BIO-2

Russell City Energy Center
Monthly Compliance Report #1
August 2010

Russell City Energy Center - Preconstruction Biological Surveys

PREPARED FOR: Allison Bryan
Environmental Compliance Manager
Russell City Energy Company, LLC

PREPARED BY: Russell Huddleston/CH2M HILL

COPIES: Karen Parker/CH2M HILL

DATE: August 30, 2010

Introduction

Russell City Energy Company, LLC proposes to construct, own, and operate a merchant energy generating facility in an industrial area in Alameda County, California, to be known as the Russell City Energy Center (RCEC). The RCEC will be a natural gas-fired, combined-cycle electric generating facility rated at a nominal gross generating capacity of 600 megawatts. The RCEC is located on an 18.8-acre site at 3862 Depot Road, near the corner of Depot Road and Cabot Boulevard, in Hayward, California. The City of Hayward's Water Pollution Control Facility is located to the east, with waste water treatment settling ponds located to the west. Commercial and Industrial areas are located to the north and south. Figure 1 shows the site location.

This memorandum documents the findings of preconstruction surveys of the RCEC site as well as the associated construction parking, laydown and storage areas.

Methods

Preconstruction surveys were completed by Russell Huddleston, an ecologist with CH2M HILL (the designated biologist for the RCEC) and Allison Bryan, Russell City Energy Company's Environmental Compliance Manager for the RCEC. The preconstruction surveys were conducted on August 26, 2010 between 1:00 pm and 5:00 pm. Weather conditions were clear with temperatures around 65°F and light winds. Pedestrian surveys were completed for the entire project area as well as each of the laydown areas as shown in Figure 2. Meandering transects were walked throughout each of the project areas to search for nesting birds, animal burrows and special-status plants. The characteristic vegetation and general condition of each site was noted at the time of the survey. Vertebrate wildlife species observed in and around the survey areas were also recorded. Representative photographs of each area were also taken at each site.

Results

The RCEC site and the associated laydown areas are all located in previously disturbed industrial areas or other highly disturbed sites. No nesting birds, burrows or special-status plant or wildlife species were observed during the preconstruction surveys. A total of 18 common bird species and one common mammal were observed in or around the project areas (Table 1). Vegetation observed in all areas included common weedy native and naturalized species typical of disturbed areas. Descriptions of the survey locations are provided below. Representative photographs of each site are included in Attachment A.

RCEC Project Site

The 18.8-acre project site consists of open, undeveloped land characterized by patches of ruderal herbaceous vegetation, open gravels and former sludge storage areas. The southern portion of the site was previously part of the City of Hayward's Water Pollution Control Facility and the northern areas included a former palate storage yard and various industrial buildings and equipment storage areas. Common weedy vegetation observed on this site included stinkwort (*Dittrichia graveolens*), smilo grass (*Piptatherum miliaceum)* bristly ox-tongue (*Picris echioides*), black mustard (*Brassica nigra*), wild oat (*Avena barbata*), fennel (*Foeniculum vulgare*) and common knotweed (*Polygonum arenastrum*). No nesting birds, burrows, or special-status plant or wildlife species were observed on this site.

Laydown Area 1 (Tompkins Parcel)

The Tompkins parcel is located on the south side of Depot Road at its furthest western point. The Applicant has entered into an option to lease approximately 3.55 acres of the Site (excluding the northwestern corner of the property) for temporary storage, parking, and/or material laydown. The site was previously used for auto dismantling and contained a significant number of autos, auto parts and structures used for the disassembly of vehicles. At the time of the survey most of the lease area had been cleared and was characterized by cement pads and open gravel. The site was largely devoid of vegetation with the exception of scattered fennel and Himalayan blackberry (*Rubus americanus*) along the perimeter fence. No nesting birds, burrows, or special-status plant or wildlife species were observed on this site.

Laydown Area 2 (Zanette Parcel)

A portion of the Zanette parcel (approximately 1.93 acres that excludes the area of the Site currently containing an office trailer and associated parking) will be used for construction parking, material laydown, and/or trailers and offices during construction activities. The parcel was previously occupied by Golden Bay Construction Company and used for waste-sorting processes. At the time of the survey the site was an open gravel lot with a covered cement pad along the west side of the property. Scattered ruderal species such as fennel, bristly ox-tongue, prickly lettuce (*Lactuca serriola*), Himalayan blackberry and mallow (*Malva neglecta*) are present along the outer fence line, but the site is otherwise devoid of vegetation. No nesting birds, burrows, or special-status plant or wildlife species were observed on this site.

Laydown Area 3 (Chess Parcel)

The Chess parcel is located south of Depot Road and is approximately 3.58 acres in size, but the RCEC will use only approximately 3.06 acres (excluding the driveway on the northwestern edge of the Site) for construction material laydown. This site was previously used as a shipping container storage yard. At the time of the survey it was an open lot characterized by open gravel areas and patches of ruderal vegetation consisting of fennel, black mustard, smilo grass, prickly lettuce, common knotweed and Himalayan blackberry. No nesting birds, burrows, or special-status plant or wildlife were observed on this site.

Laydown Area 4 (West) City of Hayward

This approximately one acre site was a former outfall canal associated with the City of Hayward's Water Pollution Control Facility. The channel has been replaced by a buried pipeline and the open canal has been filled; however, there is an open stormwater channel immediately south of this parcel. Vegetation is characterized by dense stinkwort with bristly ox-tongue, prickly lettuce, black mustard and wild oats. There is a small dirt pile also present in this area that supports scattered Italian thistle (*Carduus pycnocephalus*), rip-gut brome (*Bromus diandrus*), mallow, and black mustard. No nesting birds, burrows or special-status plant or wildlife species were observed on this site, but several Canada geese (*Branta canadensis*), mallards (*Anus platyrhynchos*) and black-neck stilts (*Himantopus mexicanus*) were observed in and adjacent to the open water channel immediately to the south.

Laydown Area 4 (East) City of Hayward

This 4.1-acre parcel is an open undeveloped field characterized by stinkwort, bristly ox tongue, fennel, black mustard and various annual grasses such as wild oat and rip-gut brome. Most of the parcel is routinely mowed by the city for fire protection. Small dirt and debris piles and open gravel areas are also present. A small area to the northwest is fenced off from the adjacent portion parcel and is not regularly mowed. The fenced area supports very dense growth of wild radish (*Raphanus sativa*), fennel, smilo grass, stinkwort, milk thistle (*Silybum marinum*), mallow, black mustard and rip-gut brome. Several coyote brush (*Baccharis pilularis*) shrubs are also present in this area. Small dirt and debris piles and open gravel areas are also present. No nesting birds, burrows or special-status plant or wildlife species were observed on this site.

Laydown Area 5 (Runnels Parcel)

This 3.9-acre site was a former metal fabricating business (Runnels Industries). At the time of the survey all of the former buildings had been removed and it appeared that remediation efforts to remove contaminated soils were currently in progress as there were several shallow excavations and a large soil stockpile in the center of the site. Most of the site was characterized by bare soil with the exception of the northern and southern areas of the property which were characterized by weedy plants such as wild oat, bristly ox-tongue, yellow star-thistle (Centaurea solstitialis), smilo grass, stinkwort and black mustard. Scattered European olive (Olea europaea), Myoporum (Myoporum laetum) and coyote brush are also present on this site, mostly along the southern edge of the property. No nesting birds, burrows or special-status plant or wildlife species were observed on this site.

Table 1.
Vertebrate Wildlife Species Observed During the August 26, 2010 Preconstruction Survey for the RCEC

Common Name	Scientific Name	Notes
	Birds	
American Crow	*Corvus brachyrhynchos*	Common in and around project areas
Barn Swallow	*Hirundo rustica*	One individual observed at project site
Black Phoebe	*Sayornis nigricans*	Observed perched on fence at Laydown Area 2
Black-neck Stilt	*Himantopus mexicanus*	Observed in open stormwater channel west of RCEC site
Bushtit	*Psaltriparus minimus*	Observed in fennel at Laydown Area 3
California Gull	*Larus californicus*	Common in and around project areas
Canada Goose	*Branta canadensis*	Observed in open stormwater channel west of RCEC site
European Starling	*Sturnus vulgaris*	Observed on transmission tower at Laydown Area 3
Great Egret	*Casmerodius albus*	Flying near sediment ponds west of Depot Road
House Finch	*Carpodacus mexicanus*	Common in ruderal vegetation in and around project area
Mallard	*Anus platyrhynchos*	Observed in open stormwater channel west of RCEC site
Northern Mockingbird	*Mimus polyglottos*	Observed on fence at Laydown Area 3
Red-winged Blackbird	*Agelaius phoeniceus*	One individual observed west of project site
Ring-billed Gull	*Larus delawarensis*	Common in and around project areas
Rock Dove	*Columba livia*	Common in and around project areas
Song Sparrow	*Melospiza melodia*	Common in ruderal vegetation in and around project area
Turkey Vulture	*Cathartes aura*	One observed overhead south of Runnels parcel
Western Tanager	*Piranga ludoviciana*	Observed on fence at Laydown Area 3
	Mammals	
Black-tailed Jackrabbit	*Lepus californicus*	One individual observed on project site

LEGEND

RCEC LOCATION

MAJOR HIGHWAYS

VICINITY MAP

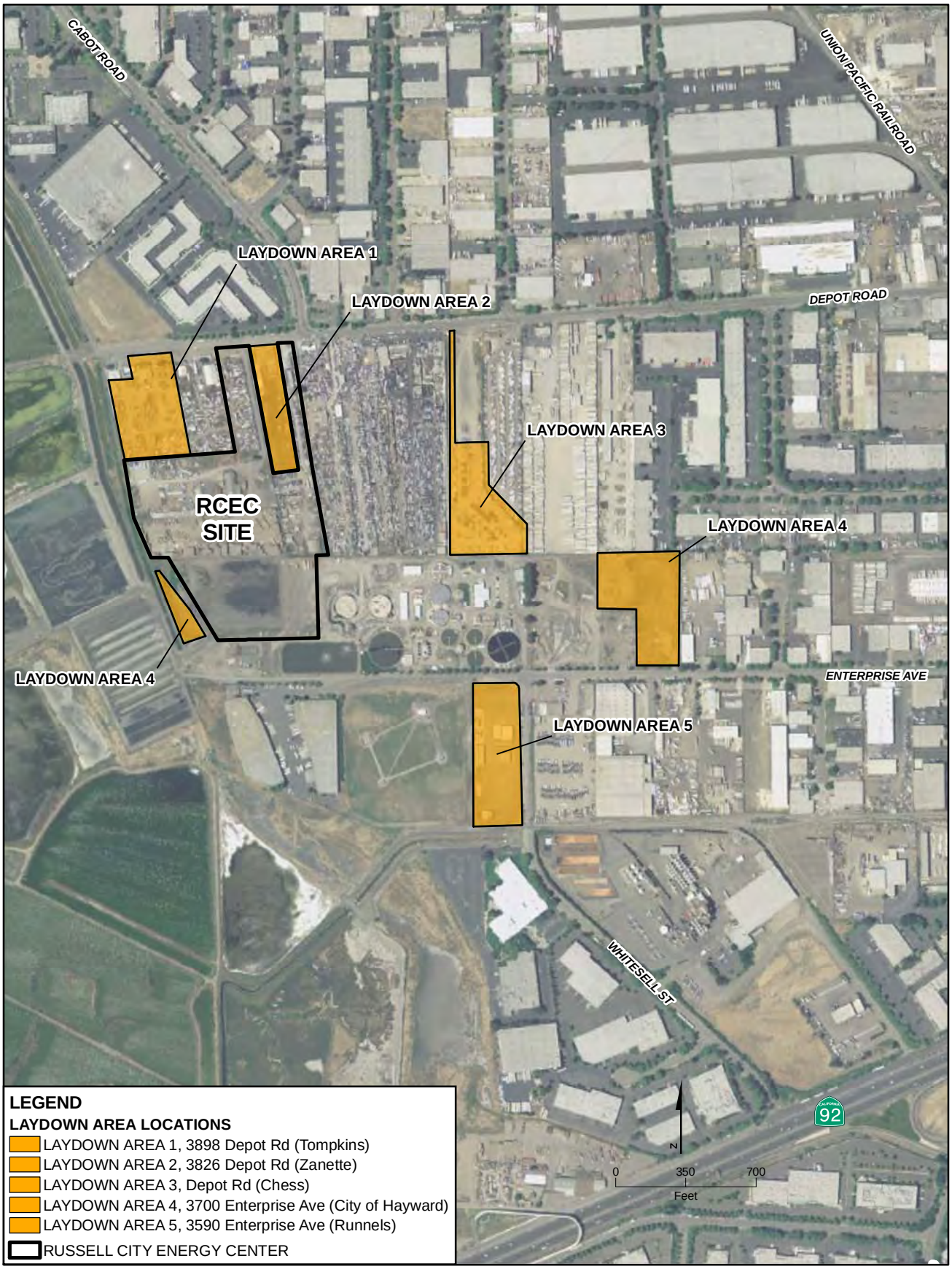
N

0 1.5 3

Miles

FIGURE 1
PROJECT VICINITY MAP
RCEC
HAYWARD, CALIFORNIA

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.



Source: City of Hayward, Parcel Data, 2007.

FIGURE 2
RCEC SITE LOCATION AND LAYDOWN AREAS
RCEC
HAYWARD, CALIFORNIA

This map was compiled from various scale source data and maps and is intended for use as only an approximate representation of actual locations.

CH2MHILL

SAC\\ZION\SACGIS\PROJ\349499_RUSSELLCITY\394797_PHASEII\MAPFILES\LAYDOWN_AREAS_BRMIMP.MXD MHASKELL 1/29/2010 14:38:13

Attachment A – Representative Photographs

RCEC Project Site –open gravel with scattered ruderal vegetation

RCEC Project Site –ruderal vegetation

RCEC Project Site –former sludge storage area near southwest corner

RCEC Project Site – former palette storage area on the north side of site

Laydown Area 1 – former auto dismantling yard

Laydown Area 2 – former construction storage and waste sorting site

Laydown Area 3 – former shipping container storage area

Laydown Area 4 – former discharge canal (now filled) southwest of project site with existing stormwater drainage canal to the west

Laydown Area 4 (east) City of Hayward vacant lot (mowed)

Laydown Area 4 (east) City of Hayward vacant lot northwest area (not-mowed)

Laydown Area 5 – former metal fabrication facility

CONDITION OF CERTIFICATION
SOIL & WATER-1

Russell City Energy Center
Monthly Compliance Report #1
August 2010

Russell City Energy Center
Monthly Compliance Reports (MCRs)

California Energy Commission, Final Commission Decision, Commission Order No. 07-0926-04, Docket No. 01-AFC-7C, October 2007.

Month: August 2010	
Name of Permittee: RCEC LLC (permittee) / Bechtel Power Corporation (prime contractor)	
Project Location: 3862 Depot Road, Hayward CA. 94545	
County: Alameda County	
Bechtel Project ID: 25483	
Weather: Temperatures in Hayward were normal throughout the month with average daytime highs 73º, and overnight lows averaging 57º and average mean temperature of 65º. Precipitation:0.0”	
Description of present phase of construction:	Site & geotech survey completed in various project parcels. Biological and cultural resources monitors conducted initial surveys.
Worker Environmental Awareness Program (WEAP) & Bechtel Environmental Awareness Training Program	New hire orientation training was conducted on August 24th, for two Towill Inc. survey employees. Training roster attached.
AQCMP Summary: (Condition of certification AQ-SC3 AQ-SC4 and AQ-SC5)	No fugitive dust control actions and/or complaints were noted during this reporting period. No diesel-fueled engines were operated on site during this reporting period.
DESCP & SWPPP:	No ground disturbance or storm water management occurred during this reporting period.

CONDITION OF CERTIFICATION
CUL-2

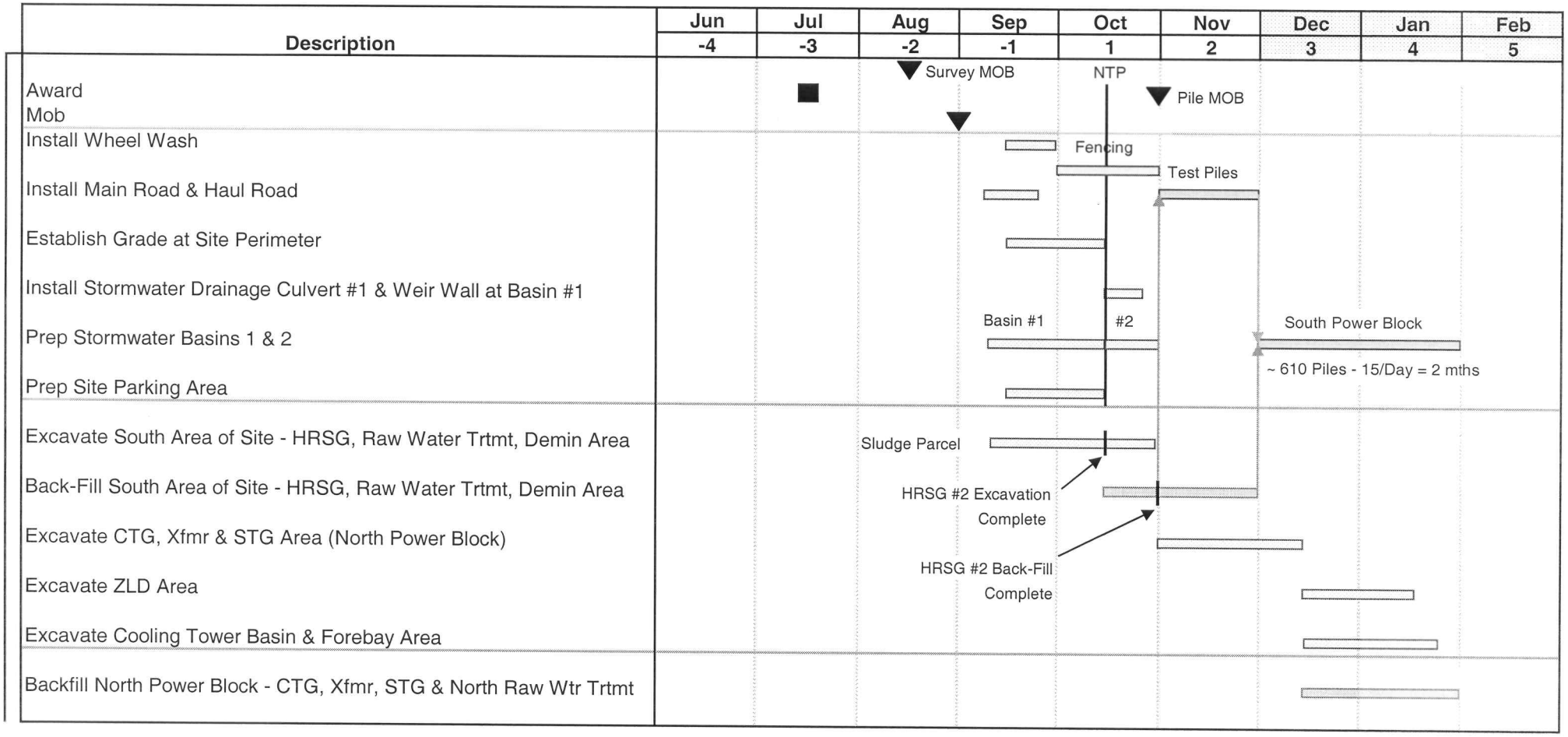
Russell City Energy Center
Monthly Compliance Report #1
August 2010

Russell City

Commodity Mini-Schedule

Commodity: CE02 - Earthwork Subcontract

Date: 9/9/2010



CONDITION OF CERTIFICATION
CUL-4

Russell City Energy Center
Monthly Compliance Report #1
August 2010

Bechtel Training Roster

Russell City Energy Center (RCEC)

DATE: 8-24-10	
COURSE Number New Hire Orientation Training	Location Hayward Ca.
INSTRUCTOR NAME(S): OTIS DRINKARD	
COURSE COMPLETION DATE: 8-24-10	

Employee Number	Full Name	COMPANY	DATE
	IAN McNEIL	TOWILL INC	8-24-10
	MATTHEW VIELBAUM	TOWILL, INC	8-24-10

INSTRUCTOR'S SIGNATURE: DATE: 8/24/2010

FORM T_TRAIN.DOC 2006:REV.3

CONDITION OF CERTIFICATION
PAL-3

Russell City Energy Center
Monthly Compliance Report #1
August 2010

Bechtel Training Roster

Russell City Energy Center (RCEC)

DATE: 8-24-10	
COURSE Number New Hire Orientation Training	Location Hayward Ca.
INSTRUCTOR NAME(S): OTIS DRINKARD	
COURSE COMPLETION DATE: 8-24-10	

Employee Number	Full Name	COMPANY	DATE
	IAN McNEIL	TOWILL INC	8-24-10
	MATTHEW VIELBAUM	TOWILL, INC	8-24-10

INSTRUCTOR'S SIGNATURE: DATE: 8/24/2010

FORM T_TRAIN.DOC 2006:REV.3

CONDITION OF CERTIFICATION
WASTE-7

Russell City Energy Center
Monthly Compliance Report #1
August 2010

Department of Toxic Substances Control

Linda S. Adams
Secretary for
Environmental Protection

Maziar Movassaghi, Acting Director
1001 "I" Street
P.O. Box 806
Sacramento, California 95812-0806

Arnold Schwarzenegger
Governor

EPA ID PROFILE

ID Number: CAR000202945 **Name :** RUSSELL CITY ENERGY CENTER LLC

Status: ACTIVE **Inactive Date:** **Record Entered:** 11/30/2009 **Last Updated:** 11/30/2009

County: ALAMEDA **NAICS:** **SIC:**

	Name	Address	City	State	Zip Code	Phone
Location	RUSSELL CITY ENERGY CENTER LLC	3862 DEPOT RD	HAYWARD	CA	945452722	
Mailing		4160 DUBLIN BLVD STE 100	DUBLIN	CA	945680000	
Owner	RUSSELL CITY ENERGY CENTER LLC	4160 DUBLIN BLVD STE 100	DUBLIN	CA	945680000	9255700849
Operator/ Contact	BARBARA MCBRIDE	4160 DUBLIN BLVD STE 100	DUBLIN	CA	945680000	9255700849

Based ONLY upon ID Number **CAR000202945**

Calif. Manifests ?	Non Calif. Manifests ?	Transporter Registration ?
YES	NO	NO

California and Non California Manifest Tonnage Total and Waste Code by Year Matrix by Entity Type (if available) are on the next page

The Department of Toxics Substances Control (DTSC) takes every precaution to ensure the accuracy of data in the Hazardous Waste Tracking System (HWTS). However, because of the large number of manifests handled, inaccuracies in the submitted data, limitations of the manifest system and the technical limitations of the database, DTSC cannot guarantee that the data accurately reflect what was actually transported or produced.

CONDITION OF CERTIFICATION
NOISE-1

Russell City Energy Center
Monthly Compliance Report #1
August 2010

Russell City Energy Company, LLC

717 Texas Avenue
Suite 1000
Houston, TX 77002

September 10, 2010

Ms. Mary Dyas
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

RE: Russell City Energy Center
01-AFC-7C
Condition of Certification NOISE-1 Construction Notification

Dear Ms. Dyas:

In compliance with Condition of Certification NOISE-1, as set forth in the California Energy Commission's Final Decision for the Russell City Energy Center (RCEC), this letter is to serve as notification that the requirements of NOISE-1 have been completed.

On August 24, 2010, a complaint hotline phone number (including for use by the public to report any undesirable noise conditions associated with the construction and operation of the project) was established and, as required by NOISE-1, the City of Hayward, the Hayward Area Recreation District, the East Bay Regional Parks District, and residents within one mile of the site were notified in writing electronically and by hard copy of the upcoming commencement of construction. On August 26, 2010, two signs were posted at the project site clearly identifying the hotline phone number, (925) 557-2291.

If you have any questions or require any additional information, please contact Allison Bryan at 925-557-2250.

Sincerely,

//s//
Gevan Reeves
Director, Origination

CONDITION OF CERTIFICATION
NOISE-8

Russell City Energy Center
Monthly Compliance Report #1
August 2010

Russell City Energy Company, LLC

717 Texas Avenue
Suite 1000
Houston, TX 77002

September 10, 2010

Ms. Mary Dyas
California Energy Commission
1516 Ninth Street
Sacramento, CA 95814

RE: Russell City Energy Center
01-AFC-7C
Condition of Certification NOISE-8 Construction Notification

Dear Ms. Dyas:

In compliance with Condition of Certification NOISE-8, as set forth in the California Energy Commission's Final Decision for the Russell City Energy Center (RCEC), this letter is acknowledges that the following restrictions will be observed throughout the construction of the project:

> Heavy equipment operation and noisy construction work shall be restricted to the times of day delineated below:
>
> • Monday-Saturday 7:00 a.m. to 7:00 p.m.
> • Sundays and holidays 10:00 a.m. to 6:00 p.m.

If you have any questions or require any additional information, please contact Allison Bryan at 925-557-2250.

Sincerely,

//s//
Gevan Reeves
Director, Origination

CONDITION OF CERTIFICATION COMPLIANCE-5
Compliance Matrix

Russell City Energy Center
Monthly Compliance Report #1
August 2010

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AIR QUALITY																
AQ	SC01	PC			The project owner shall designate and retain an on-site 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.	At least sixty (60) days prior to the start of ground disturbance, the project owner shall submit to the CPM for approval, the name, resume, qualifications, and contact information for the on-site AQCMM and all AQCMM Delegates.	Prior to start of ground distrubance	60						6/7/10		Approved
AQ	SC02	PC			The project owner shall provide an AQCMP, for approval, which details the steps that will be taken and the reporting requirements necessary to ensure compliance with AQ-SC3, AQ-SC4 and AQ-SC5.	At least sixty (60) days prior to the start of any ground disturbance, the project owner shall submit the AQCMP to the CPM for approval.	Prior to start of ground distrubance	60						4/5/10	2010-0390	Approved
AQ	SC03	PRE-OP		MCR	The AQCMM shall submit documentation to the CPM in each Monthly Compliance Report (MCR) that demonstrates compliance with the following mitigation measures for the purposes of preventing all fugitive dust plumes from leaving the Project.	The project owner shall provide to the CPM a MCR.										Ongoing
AQ	SC04	PRE-OP		MCR	The AQCMM or an AQCMM Delegate shall monitor all construction activities for visible dust plumes.	The project owner shall provide to the CPM a MCR.										Ongoing
AQ	SC05	PRE-OP		MCR	The AQCMM shall submit to the CPM in the MCR, a construction mitigation report that demonstrates compliance with the following mitigation measures for the purposes of controlling diesel construction-related emissions.	The project owner shall provide to the CPM a MCR.										Ongoing
AQ	SC06	OP			The project owner shall provide the CPM copies of all District issued Authority-to-Construct (ATC) and Permit-to-Operate (PTO) for the facility and any modifications proposed by the project owner to any project air permit for review and approval.	The project owner shall submit any ATC, PTO, and any proposed air permit modification to the CPM within five (5) working days of its submittal either by 1) the project owner to an agency, or 2) receipt of proposed modifications from an agency.										Ongoing
AQ	SC07a	OP		QCR	The facility's emissions shall not exceed 1,225 lbs of NOx per day during the June 1 to September 30 periods. In addition, NOx emissions in excess of 848 lbs per calendar day shall be mitigated through the surrender of emission reduction credits (ERCs). The amount of credits to be surrendered shall be the difference between 848 lbs per day and the actual daily emissions.	As part of the quarterly compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC07b	OP		ACR		As part of the annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC08a	OP		QCR	Turbine hot/warm start-up NOx emissions shall not exceed 125 pounds per start-up event.	As part of the quarterly compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC08b	OP		ACR		As part of the annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC09a	OP		QCR	The project owner shall not operate both gas turbines (S-1 and S-3) simultaneously in start-up mode.	As part of the quarterly and annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	SC09b	OP		ACR		As part of the annual compliance reports as required by AQ-19, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	SC10	PC			In lieu of complying with AQ-SC7, AQ-SC8, and AQ-SC9, the project's combustion turbine/HRSG units shall be designed and built with equipment and control systems to minimize start-up times and emissions.	Ninety (90) days prior to start of construction, the project owner shall submit to the CPM, for approval, the type of turbine/HRSG design(s) and manufacturer's information that start-up time of the turbine/HRSG can be reduce to no more than 2 hours.	Prior to start of construction	90						3/29/10	2010-0366	Approved
AQ	SC11	PC			The project owner shall surrender 12.2 tons per year of SOx or Sox equivalent emission reduction credits (ERCs) from certificate 989, 28.5 tons per year of POC ERCs, and 154.8 tons per year of NOx, or an equivalent combination of NOx and POC ERCs from certificates 602, 687, 688, and 855, prior to start of construction of the project.	The project owner shall submit to the CPM a copy of all ERCs to be surrendered to the District at least thirty (30) days prior to start construction.	Prior to start of construction	30						4/5/10	2010-0391	Approved
AQ	SC12	PC			A fireplace retrofit/woodstove replacement program shall be made available to all Hayward residents on a first-come, first-serve basis to finance a voluntary woodstove replacement/fireplace retrofit.	At least ninety (90) days before start of construction, the project owner shall submit to the CPM a plan detailing the fireplace/woodstove replacement program for approval.	Prior to start of construction	90						5/14/10		Approved
AQ	SC13	PRE-OP			If complete compliance with AQ-SC12 cannot be achieved by the condition milestones, the project owner shall make up the wintertime PM10 milestone shortfall by providing annual PM10 or PM10 equivalent (SOx for PM10) ERCs at a ratio of 2 tons of annual PM10 or PM10 equivalent ERCs to 1 ton of wintertime PM10.	The project owner shall submit to the CPM a list of PM10 and/or SOx ERCs to be surrendered to the District at least 60 days prior to initial startup.	Prior to initial start-up	60						7/15/10		Approved
AQ	SC14	OP		ACR	Until the California Global Warming Solutions Act of 2006 (AB32) is implemented, the project owner shall either participate in a climate action registry approved by the CPM, or report on a annual basis to the CPM the quantity of greenhouse gases (GHG) emitted as a direct result of facility electricity production.	The project annual GHG emissions shall be reported, as a CO2 equivalent, by the project owner to a climate action registry approved by the CPM, or to the CPM as part of the fourth Quarterly or the annual Air Quality Report, until such time that GHG reporting requirements are adopted and in force for the project as part of the California Global Warming Solutions Act of 2006.										N/A Condition was deleted as part of Amendment #2
AQ	SC15	OP		ACR	The owner/operator shall not operate S-6 Fire pump Diesel Engine for 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) simultaneously with the operation of either gas turbine (S-1 or S-3) in start-up mode.	As part of the quarterly and annual compliance reports as required by AQ-19, the project owner shall include information on the date. time. and sJuration of any violation of this permit condition.										Not Started
AQ	SC16	OP		ACR	The owner/operator shall limit the operation of S-6 Fire pump Diesel Engine to no more than 30 minutes per hour for reliability-related activities {maintenance and other testing, but excluding emission testing or emergency operation).	As part of the quarterly and annual compliance reports as required by AQ-19, the project owner shall include information on the date time and duration of any violation of this permit condition.										Not Started
CONDITIONS FOR THE COMMISSIONING PERIOD																
AQ	1	PRE-OP		MCR	The owner/operator of the RCEC shall minimize emissions of carbon monoxide and nitrogen oxides from S-1 & S-3 gas turbines and S-2 & S-4 Heat Recovery Steam Generators to the maximum extent possible during the commissioning period.	The project owner shall submit MCR to CPM specifiying how this condition is being complied with.										Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	2	PRE-OP		MCR	At the earliest feasible opportunity in accordance with the recommendations of the equipment manufacturers and the construction contractor, the owner/operator shall tune the S-1 & S-3 gas turbines combustors and S-2 & S-4 HRSGs duct burners to minimize the emissions of carbon monoxide and nitrogen oxides.	The project owner shall submit MCR to CPM specifiying how this condition is being complied with.										Not Started
AQ	3	PRE-OP		MCR	At the earliest feasible opportunity in accordance with the recommendations of the equipment manufacturers and the construction contractor, owner/operator shall install, adjust, and operate the A-2 & A-4 Oxidation Catalysts and A-1 & A-3 SCR Systems, to minimize the emissions of carbon monoxide and nitrogen oxides from S-1 & S-3 gas turbines and S-2 & S-4 HRSGs.	The project owner shall submit MCR to CPM specifiying how this condition is being complied with.										Not Started
AQ	4	PRE-OP		MCR	The owner/operator of the RCEC shall submit a plan to the District Engineering Division and the CPM at least four weeks prior to first firing of S-1 & S-3 gas turbines describing the procedures to be followed during the commissioning of the gas turbines, HRSGs, and steam turbines.	The project owner shall submit MCR to CPM specifiying how this condition is being complied with.										Not Started
AQ	5	PRE-OP		MCR	During the commissioning period, the owner/operator of the RCEC shall 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 firing hours, fuel flow rates, stack gas nitrogen oxide emission concentrations, stack gas carbon monoxide emission concentrations, and stack gas oxygen concentrations.	The project owner shall submit MCR to CPM specifiying how this condition is being complied with.										Not Started
AQ	6	PRE-OP		MCR	The owner/operator shall install, calibrate, and operate the District-approved continuous monitors specified in AQ-5 prior to first firing of the gas turbines (S-1 & S-3) and HRSGs (S-2 & S-4). After first firing of the turbines, the owner/operator shall adjust the detection range of these continuous emission monitors as necessary to accurately measure the resulting range of CO and NOx emission concentrations.	The project owner shall submit MCR to CPM specifiying how this condition is being complied with. In addition, the project owner shall provide evidence of the District's approval of the emission monitoring system to the CPM prior to first firing of the gas turbines.										Not Started
AQ	7	PRE-OP		MCR	The owner/operator shall not fire the S-1 gas turbine and S-2 HRSG without abatement of nitrogen oxide emissions by A-1 SCR System and/or abatement of carbon monoxide emissions by A-2 Oxidation Catalyst for more than 300 hours during the commissioning period.	The project owner shall submit MCR to CPM specifiying how this condition is being complied with.										Not Started
AQ	8	PRE-OP		MCR	The owner/operator shall not fire the S-3 gas turbine and S-4 HRSG without abatement of nitrogen oxide emissions by A-3 SCR System and/or abatement of carbon monoxide emissions by A-4 Oxidation Catalyst for more than 300 hours during the commissioning period.	The project owner shall submit MCR to CPM specifiying how this condition is being complied with.										Not Started
AQ	9	PRE-OP		MCR	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-3), HRSGs (S-2 & S-4) and S-6 Fire Pump Diesel Engine during the commissioning period shall accrue towards the consecutive twelve-month emission limitations specified in AQ-23.	The project owner shall submit MCR to CPM specifiying how this condition is being complied with.										Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	10	PRE-OP		MCR	The owner/operator shall not operate the gas turbines (S-1 & S-3) and HRSGs (S-2 & S-4) in a manner such that the combined pollutant emissions from these sources will exceed the following limits during the commissioning period. These emission limits shall include emissions resulting from the start-up and shutdown of the gas turbines (S-1 & S-3).	The project owner shall submit MCR to CPM specifiying how this condition is being complied with.										Not Started
AQ	11	OP			No less than 90 days after start-up, the owner/operator shall conduct District and Energy Commission approved source tests using certified continuous emission monitors to determine compliance with the emission limitations specified in AQ-19.	No later than 30 working days before commencement of source tests, the project owner shall submit to the District and CPM a detailed souce test plan designed to satisfy the requirements of this condition.	Before commenement of source tests	30								Not Started
CONDITIONS FOR THE GAS TURBINES (S-1 & S-3) AND THE HRSGS (S-2 & S-4)																
AQ	12	OP		QCR	The owner/operator shall fire the gas turbines (S-1 & S-3) and HRSG duct burners (S-2 & 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 through S-4 shall sample and analyze the gas from each supply source at least monthly to determine the sulfur content of the gas.	The project owner shall complete, on a monthly basis, a laboratory analysis showing the sulfur content of natural gas being burned at the facility. The sulfur analysis reports shall be incorporated into the quarterly compliance reports.										Not Started
AQ	13a	OP		QCR	The owner/operator shall not operate the units such that the combined heat input rate to each power train consisting of a gas turbine and its associated HRSG (S-1 & S-2 and S-3 & S-4) exceeds 2,238.6 MM BTU (HHV) per hour. (PSD for NOx)	As part of the quarterly compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	13b	OP		ACR		As part of the annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	14a	OP		QCR	The owner/operator shall not operate the units such that the combined heat input rate to each power train consisting of a gas turbine and its associated HRSG (S-1 & S-2 and S-3 & S-4) exceeds 53,726 MM BTU (HHV) per day. (PSD for PM10)	As part of the quarterly compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	14b	OP		ACR		As part of the annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	15a	OP		QCR	The owner/operator shall not operate the units such that the combined cumulative heat input rate for the gas turbines (S-1 & S-3) and the HRSGs (S-2 & S-4) exceeds 35,708,858 MM BTU (HHV) per year. (Offsets)	As part of the quarterly compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	15b	OP		ACR		As part of the annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	16a	OP		QCR	The owner/operator shall not fire the HRSG duct burners (S-2 & S-4) unless its associated gas turbine (S-1 & S-3, respectively) is in operation. (BACT for NOx)	As part of the quarterly compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started
AQ	16b	OP		ACR		As part of the annual compliance reports, the project owner shall include information on the date, time, and duration of any violation of this permit condition.										Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	17a	OP		QCR	The owner/operator shall ensure that the S-1 gas turbine and S-2 HRSG are abated by the properly operated and properly maintained A-1 SCR system and A-2 oxidation catalyst system whenever fuel is combusted at those sources and the A-1 SCR catalyst bed has reached minimum operating temperature. (BACT for NOx, POC and CO)	As part of the quarterly compliance reports, the project owner shall provide information on any major problem in the operation of the oxidizing catalyst and SCR Systems for the gas turbines and HRSGs. The information shall include, at a minimum, the date and description of the problem and the steps taken to resolve the problem.										Not Started
AQ	17b	OP		ACR		As part of the annual compliance reports, the project owner shall provide information on any major problem in the operation of the oxidizing catalyst and SCR Systems for the gas turbines and HRSGs. The information shall include, at a minimum, the date and description of the problem and the steps taken to resolve the problem.										Not Started
AQ	18a	OP		QCR	The owner/operator shall ensure that the S-3 gas turbine and S-4 HRSG are abated by the properly operated and properly maintained A-3 SCR System and A-4 oxidation catalyst system whenever fuel is combusted at those sources and the A-3 SCR catalyst bed has reached minimum operating temperature. (BACT for NOx, POC and CO)	As part of the quarterly compliance reports, the project owner shall provide information on any major problem in the operation of the oxidizing catalyst and SCR Systems for the gas turbines and HRSGs. The information shall include, at a minimum, the date and description of the problem and the steps taken to resolve the problem.										Not Started
AQ	18b	OP		ACR		As part of the annual compliance reports, the project owner shall provide information on any major problem in the operation of the oxidizing catalyst and SCR Systems for the gas turbines and HRSGs. The information shall include, at a minimum, the date and description of the problem and the steps taken to resolve the problem.										Not Started
AQ	19	OP		QCR	The owner/operator shall ensure that the gas turbines (S-1 & S-3) and HRSGs (S-2 & S-4) comply with requirements (a) through (h) under all operating scenarios, including duct burner firing mode. Requirements (a) through (h) do not apply during a gas turbine start-up, combustor tuning operation or shutdown. (BACT, PSD, and Regulation 2, Rule 5)	The project owner shall submit to the District and CPM, quarterly reports for the proceeding calendar quarter within 30 days from the end of the quarter. The report for the fourth quarter can be an annual compliance summary for the preceding year.										Not Started
AQ	19b	OP		ACR		The report for the fourth quarter can be an annual compliance summary for the preceding year.										Not Started
AQ	20a	OP		QCR	The owner/operator shall ensure that the regulated air pollutant mass emission rates from each of the gas turbines (S-1 & S-3) during a start-up does not exceed the limits established below. (PSD)	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	20b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	21a	OP		QCR	The owner/operator shall not perform combustor tuning on gas turbines more than once every rolling 365 day period for each S-1 and S-3. The owner/operator shall notify the District no later than 7 days prior to combustor tuning activity. (Offsets, Cumulative Emissions)	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	21b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	22a	OP		QCR	The owner/operator shall not allow total combined emissions from the gas turbines and HRSGs (S-1, S-2, S-3 & S-4), S-5 Cooling Tower, and S-6 Fire Pump Diesel Engine, including emissions generated during gas turbine start-ups, combustor tuning, and shutdowns to exceed the noted limits during any calendar day.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	22b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	23a	OP		QCR	The owner/operator shall not allow cumulative combined emissions from the gas turbines and HRSGs (S-1, S-2, S-3 & S-4), S-5 Cooling Tower, and S-6 Fire Pump Diesel Engine, including emissions generated during gas turbine start-ups, combustor tuning, and shutdowns to exceed the noted limits during any consecutive twelve-month period.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	23b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	24a	OP		QCR	The owner/operator shall not allow sulfuric acid emissions (SAM) from stacks P-1 and P-2 combined to exceed 7 tons in any consecutive 12 month period. (Basis: PSD)	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	24b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	25a	OP		QCR	The owner/operator shall not allow the maximum projected annual toxic air contaminant emissions (per AQ-28) from the gas turbines and HRSGs (S-1, S-2, S-3 & S-4) combined to exceed the noted limits.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	25b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	26	PRE-OP			The owner/operator shall demonstrate compliance with AQ-13 through AQ-16, AQ-19(a) through (d), AQ-20, AQ-22(a) and (b), AQ-23(a) and (b) by using properly operated and maintained continuous monitors (during all hours of operation including gas turbine start-up, combustor tuning, and shutdown periods) for all of the noted parameters.	At least 30 days before first fire, the project owner shall submit to the CPM a plan on how the measurements and recordings required by this condition will be performed.	Before first fire	30								Not Started
AQ	27a	OP		QCR	To demonstrate compliance with conditions AQ-19(f) thru (h), AQ-22(c) thru (e), and AQ-23(c) thru (e), the owner/operator shall calculate and record on a daily basis, the Precursor Organic Compound (POC) mass emissions, Fine Particulate Matter (PM10) mass emissions (including condensable particulate matter), and Sulfur Dioxide (SO2) mass emissions from each power train.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	27b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	28a	OP		QCR	To demonstrate compliance with AQ-25, the owner/operator shall calculate and record on an annual basis the maximum projected annual emissions of: Formaldehyde, Benzene, and Specified PAH's.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	28b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	29a	OP			Within 90 days of start-up of the RCEC, the owner/operator shall conduct a District-approved source test on exhaust point P-1 or P-2 to determine the corrected ammonia (NH3) emission concentration to determine compliance with AQ-19(e).	The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started
AQ	29b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started
AQ	30a	OP			Within 90 days of start-up of the RCEC and on an annual basis thereafter, the owner/operator shall conduct a District-approved source test on exhaust points P-1 and P-2 while each gas turbine and associated Heat Recovery Steam Generator are operating at maximum load to determine compliance with AQ-19(a),(b),(c),(d),(f),(g), and (h) and while each gas turbine and associated Heat Recovery Steam Generator are operating at minimum load to determine compliance with AQ-19(c) and (d), and to verify the accuracy of the continuous emission monitors required in AQ-26.	The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started
AQ	30b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started
AQ	31a	OP			The owner/operator shall obtain approval for all source test procedures from the District's Source Test Section and the CPM prior to conducting any tests. The owner/operator shall comply with all applicable testing requirements for continuous emission monitors as specified in Volume V of the District's Manual of Procedures. The owner/operator shall notify the District's Source Test Section and the CPM in writing of the source test protocols and projected test dates at least 7 days prior to the testing date(s).	Approval of the source test procedures, as required in AQ-31, and the source test reports shall be deemed as verification for this condition. The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started
AQ	31b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started
AQ	32a	OP			Within 90 days of start-up of the RCEC and on a biennial basis (once every two years) thereafter, the owner/operator shall conduct a District-approved source test on exhaust point P-1 or P-2 while the gas turbine and associated Heat Recovery Steam Generator are operating at maximum allowable operating rates to demonstrate compliance with AQ-25.	Approval of the source test procedures, as required in AQ-31, and the source test reports shall be deemed as verification for this condition. The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started
AQ	32b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started
AQ	33a	OP			The owner/operator shall calculate the 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-24 is exceeded, the owner/operator must utilize air dispersion modeling to determine the impact (in µg/m3) of the sulfuric acid mist emissions pursuant to Regulation 2-2-306, (PSD)	Approval of the source test procedures, as required in AQ-31, and the source test reports shall be deemed as verification for this condition. The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	33b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started
AQ	34a	OP			Within 90 days of start-up of the RCEC and on a semi-annual basis (twice per year) thereafter, the owner/operator shall conduct a District-approved source test on exhaust points P-1 and P-2 while each gas turbine and HRSG duct burner is operating at maximum heat input rates to demonstrate compliance with the SAM emission rates specified in AQ-24.	Approval of the source test procedures, as required in AQ-31, and the source test reports shall be deemed as verification for this condition. The project owner shall notify the District and the CPM within seven (7) working days before the execution of the source tests required in this condition.	Before execution of source tests	7								Not Started
AQ	34b	OP				Source test results shall be submitted to the District and to the CPM within sixty (60) days of the date of the tests.	Test date	60								Not Started
AQ	35	OP			The owner/operator of the RCEC shall submit all reports (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. (Regulation 2-6-502)	The project owner shall submit to the District and CPM the reports as required by procedures and time limits specified in the Rule, Regulation, Manual of Procedures, or Enforcement Division Policies & Procedures Manual.	As required									Not Started
AQ	36	OP			The owner/operator of the RCEC shall maintain all records and reports on site for a minimum of 5 years. These records shall include but are not limited to: continuous monitoring records (firing hours, fuel flows, emission rates, monitor excesses, breakdowns, etc.), source test and analytical records, natural gas sulfur content analysis results, emission calculation records, records of plant upsets and related incidents. The owner/operator shall make all records and reports available to District and the CPM staff upon request. (Regulation 2-6-501)	During site inspection, the project owner shall make all records and reports available to the District, ARB, EPA or CEC staff.	Open									Not Started
AQ	37a	OP		QCR	The owner/operator of the RCEC shall notify the District and the 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, the owner/operator shall submit written notification (facsimile is acceptable) to the Enforcement Division within 96 hours of the violation of any permit condition. (Regulation 2-1-403)	Submittal of these notifications as required by this condition is the verification of these permit conditions. In addition, as part of the quarterly compliance reports of AQ-19, the project owner shall include information on the dates when these violations occurred and when the project owner notified the District and the CPM.										Not Started
AQ	37b	OP		ACR		Submittal of these notifications as required by this condition is the verification of these permit conditions. In addition, as part of the annual compliance reports of AQ-19, the project owner shall include information on the dates when these violations occurred and when the project owner notified the District and the CPM.										Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	38	CONS			The owner/operator shall ensure that the stack height of emission points P-1 and P-2 is each at least 145 feet above grade level at the stack base. (PSD, Regulation 2-5)	At least 120 days prior to construction of the turbine stacks, the project owner shall provide the District and CPM an "approved for construction" drawing showing the appropriate stack height and location of sampling ports and platforms. The project owner shall make the site available to the District, EPA and CEC staff for inspection.	Prior to construction	120								Not Started
AQ	39	CONS			The owner/operator of RCEC shall 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 District Manual of Procedures, Volume IV, Source Test Policy and Procedures, and shall be subject to BAAQMD review and approval. (Regulation 1-501)	At least 120 days prior to construction of the turbine stacks, the project owner shall provide the District and CPM an "approved for construction" drawing showing the appropriate stack height and location of sampling ports and platforms. The project owner shall make the site available to the District, EPA and CEC staff for inspection.	Prior to construction	120								Not Started
AQ	40	PRE-OP			Within 180 days of the issuance of the Authority to Construct for the RCEC, the owner/operator shall contact the BAAQMD Technical Services Division regarding requirements for the continuous emission monitors, sampling ports, platforms, and source tests required by AQ-29, 30, 32, 34, and 43.	Compliance with this condition is the verification of this permit condition.	Issuance of ATC	180								Not Started
AQ	41	OP			Pursuant to BAAQMD Regulation 2, Rule 6, section 404.1, the owner/operator of the RCEC shall submit an application to the BAAQMD for a major facility review permit within 12 months of completing construction as demonstrated by the first firing of any gas turbine or HRSG duct burner. (Regulation 2-6-404.1)	The project owner shall submit to the CPM copies of the Federal (Title IV) Acid Rain and (Title V) Operating Permit within thirty (30) days after they are issued by the District.	After issued by District	30								Not Started
AQ	42	OP			Pursuant to 40 CFR Part 72.30(b)(2)(ii) of the Federal Acid Rain Program, the owner/operator of the Russell City Energy Center shall submit an application for a Title IV operating permit to the BAAQMD at least 24 months before operation of any of the gas turbines (S-1, S-3, S-5, or S-7) or HRSGs (S-2, S-4, S-6, or S-8). (Regulation 2, Rule 7)	The project owner shall submit to the CPM copies of the Federal (Title IV) Acid Rain and (Title V) Operating Permit within thirty (30) days after they are issued by the District.	After issued by District	30								Not Started
AQ	43	PRE-OP			The owner/operator shall ensure that the Russell City Energy Center complies with the continuous emission monitoring requirements of 40 CFR Part 75. (Regulation 2, Rule 7)	At least sixty (60) days prior to the installation of the CEMS, the project owner shall seek approval from the District for an emission monitoring plan.	Prior to installation of CEMS	60								Not Started
PERMIT CONDITIONS FOR COOLING TOWERS																
AQ	44	CONS			The owner/operator shall properly install and maintain the S-5 cooling tower to minimize drift losses. The owner/operator shall equip the cooling tower with high-efficiency mist eliminators with a maximum guaranteed drift rate of 0.0005%. The maximum total dissolved solids (TDS) measured at the base of the cooling towers or at the point of return to the wastewater facility shall not be higher than 8,000 ppmw (mg/l). The owner/operator shall sample and test the cooling tower water at least once per day to verify compliance with this TDS limit. (PSD)	At least 120 days prior to construction of the cooling tower, the project owner shall provide the District and CPM an "approved for construction" drawing and specifications for the cooling tower and the high-efficiency mist eliminator.	Prior to construction	120								Not Started
AQ	45a	OP		QCR	The owner/operator shall perform a visual inspection of the cooling tower drift eliminators at least once per calendar year, and repair or replace any drift eliminator components which are broken or missing.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
AQ	45b	OP		ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
PERMIT CONDITIONS FOR S-6 FIRE PUMP DIESEL ENGINE																
AQ	46a			QCR	The owner/operator shall not operate S-6 Fire Pump Diesel Engine more than 50 hours per year for reliability-related activities. ("Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(2)(A)(3)or (e)(2)(B)(3), offsets)	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	46b			ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	47a			QCR	The owner/operator shall operate S-6 Fire Pump Diesel Engine 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 hours while mitigating emergency conditions or while emission testing to show compliance with District, State or Federal emission limits is not limited.	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	47b			ACR		The project owner shall submit to the District and CPM the annual compliance reports as required by AQ-19.										Not Started
AQ	48a			QCR	The owner/operator shall operate S-6 Fire Pump Diesel Engine 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. ("Stationary Diesel Engine ATCM" section 93115, title 17, CA Code of Regulations, subsection (e)(4)(G)(1), cumulative increase)	The project owner shall submit to the District and CPM the quarterly compliance reports as required by AQ-19.										Not Started
AQ	48b			ACR		The project owner shall submit to the District and CPM the annual compliance reports s required by AQ-19.										Not Started
AQ	49				The owner/operator shall maintain the following monthly records in a District-approved log for at least 60 months from the date of entry.	During site inspection, the project owner shall make all records and reports available to the District, ARB, EPA or CEC staff.	Open									Not Started
BIOLOGICAL RESOUCES																
DESIGNATED BIOLOGIST SELECTION																
BIO	1	PC			The project owner shall submit the resume, including contact information, of the proposed Designated Biologist to the CPM for approval.	The project owner shall submit the specified information at least sixty (60) days prior to the start of any site (or related facilities) mobilization. Site and related facility activities shall not commence until an approved Designated Biologist is available to be on site.	Prior to start of any site (or related facilities) mobilization	60						1/26/10	2010-0078	Approved
DESIGNATED BIOLOGIST DUTIES																
BIO	2a	OP		MCR	The Designated Biologist shall perform the noted during any site (or related facilities) mobilization, ground disturbance, grading, construction, operation, and closure activities	The Designated Biologist shall maintain written records of the tasks described above, and summaries of these records shall be submitted in the Monthly Compliance Reports.										Ongoing
BIO	2b	OP		ACR		During project operation, the Designated Biologist shall submit record summaries in the Annual Compliance Report.										Not Started
DESIGNATED BIOLOGIST AUTHORITY																

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
BIO	3	CONS			The project owner's Construction/Operation Manager shall act on the advice of the Designated Biologist to ensure conformance with the biological resources conditions of certification.	The Designated Biologist must 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 site mobilization, ground disturbance, grading, construction, and operation activities. The project owner shall notify the CPM of the circumstances and actions being taken to resolve the problem.	During construction									Ongoing
BIOLOGICAL RESOURCES MITIGATION IMPLEMENTATION AND MONITORING PLAN																
BIO	4a	PC			The project owner shall submit to the CPM for review and approval a copy of the final Biological Resources Mitigation Implementation and Monitoring Plan (BRMIMP) and, once approved, shall implement the measures identified in the plan.	At least thirty (30) days prior to start of any site mobilization activities, the project owner shall provide the CPM with the final version of the BRMIMP for this project, and the CPM will determine the plans acceptability.	Prior to start of site mobilization	30						4/14/10	2010-0425	Approved
BIO	4b	PRE-OP				Within thirty (30) days after completion of project construction, the project owner shall provide to the CPM for review and approval: a written report identifying which items of the BRMIMP have been completed, a summary of all modifications to mitigation measures made during the project's construction phase, and which mitigation and monitoring plan items are still outstanding.	After completion of construction	30								Not Started
WORKER ENVIRONMENTAL AWARENESS PROGRAM																
BIO	5a	PC			The project owner shall develop and implement a CPM approved Worker Environmental Awareness Program in which each of its employees, as well as employees of contractors and subcontractors who work on the project site or related facilities during construction and operation, are informed about sensitive biological resources associated with the project.	No less than thirty (30) days prior to the start of any site mobilization activities, the project owner shall provide copies of the Worker Environmental Awareness Program and all supporting written materials prepared by the Designated Biologist and the name and qualifications of the person(s) administering the program to the CPM for approval.	Prior to start of any site mobiliazation	30						4/6/10	2010-0394	Approved
BIO	5b	PRE-OP		MCR		The project owner shall state in the Monthly Compliance Report the number of persons who have completed the training in the prior month and keep record of all persons who have completed the training to date. The signed statements for the construction phase shall be kept on file by the project owner and made available for examination by the CPM for a period of at least six months after the start of commercial operation.										Ongoing
FACILITY CLOSURE																
BIO	11	OP			The project owner will incorporate into the planned permanent or unexpected permanent closure plan measures that address the local biological resources. The biological resource facility closure measures will also be incorporated into the project Biological Resources Mitigation Implementation and Monitoring Plan.	At least 12 months (or a mutually agreed upon time) prior to the commencement of closure activities, the project owner shall address all biological resource-related issues associated with facility closure in a Biological Resources Element. The Biological Resources Element will be incorporated into the Facility Closure Plan, and include a complete discussion of the local biological resources and proposed facility closure mitigation measures.	Prior to commencement of closure activities	12 mos								Not Started
CONSTRUCTION NOISE LEVELS																

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
BIO	12	PC			The project owner will develop an approved construction noise mitigation plan that addresses how noise impacts to state and federally listed nesting and breeding sensitive vertebrate species will be minimized during construction.	No less than thirty (30) days prior to the start of any site mobilization activities, the project owner will provide to the Energy Commission CPM with a copy of the final noise mitigation plan.	Prior to start of site mobilization	30						3/29/10	2010-0367	Approved
BIRD FLIGHT DIVERTERS																
BIO	13	PRE-OP			Bird flight diverters will be placed on all overhead ground wires associated with the RCEC power plant.	No less than seven (7) days prior to energizing the new RCEC transmission line, the project owner will provide photographic verification to the Energy Commission CPM that bird flight diverters have been installed to manufacturer's specifications. A discussion of how the bird flight diverters will be maintained during the life of the project will be included in the project's BRMIMP.	Prior to energizing new RCEC Tline	7								Not Started
CULTURAL RESOURCES																
CUL	1a	PC			Prior to the start of pre-construction site mobilization; construction ground disturbance; construction grading, boring, and trenching; and construction, the project owner shall provide the California Energy Commission Compliance Project Manager (CPM) with the name and resume of its Cultural Resources Specialist (CRS), and one alternate CRS, if an alternate is proposed, who will be responsible for implementation of all cultural resources Conditions of Certification.	At least 45 days prior to the start of pre-construction site mobilization; construction ground disturbance; construction grading, boring, and trenching; and construction, the project owner shall submit the name and statement of qualifications of its CRS and alternate CRS, if an alternate is proposed, to the CPM for review and approval.	Prior to pre-construction site mobilization; construction ground disturbance; construction grading, boring, and trenching; and construction	45						1/20/10	2010-0052	Approved
CUL	1b	PC			Alternate									1/20/10	2010-0053 2010-0352	Approved
CUL	2	PC			Prior to the start of pre-construction site mobilization; construction ground disturbance; construction grading, boring, and trenching; and construction, the project owner shall provide the CRS and the CPM with maps and drawings showing the footprint of the power plant and all linear facilities.	At least 40 days prior to the start of pre-construction site mobilization; construction ground disturbance; construction grading, boring, and trenching; and construction, the project owner shall provide the designated cultural resources specialist and the CPM with the maps and drawings.	Prior to pre-construction site mobilization; construction ground disturbance; construction grading, boring, and trenching; and construction	40						5/7/10		Approved
CUL	3a	PC			Prior to the start of pre-construction site mobilization; construction ground disturbance; construction grading, boring, and trenching; and construction, the designated cultural resources specialist shall prepare, and the project owner shall submit to the CPM for review and approval, a Cultural Resources Monitoring and Mitigation Plan (CRMMP), identifying general and specific measures to minimize potential impacts to sensitive cultural resources.	At least 30 days prior to the start of pre-construction site mobilization; construction ground disturbance; construction grading, boring, and trenching; and construction, the project owner shall provide the Cultural Resources Monitoring and Mitigation Plan, prepared by the designated cultural resource specialist, to the CPM for review and written approval.	Prior to pre-construction site mobilization; construction ground disturbance; construction grading, boring, and trenching; and construction	30						1/4/10	2010-0010	Approved
CUL	3b	PC				At least 30 days prior to ground disturbance the project owner shall submit a letter to the CPM indicating that they will pay any curation fees for curation of any collected archaeological artifacts.	Prior to ground disturbance	30						3/29/10	2010-0365	Approved

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
CUL	3c	CONS				The CRR shall be submitted to the CPM within 90 days after completion of ground disturbance (including landscaping) for review and approval.	After completion of ground disturbance	90								Not Started
CUL	3d	CONS				Within 10 days after CPM approval, the project owner shall provide documentation to the CPM that copies of the CRR have been provided to the curating institution (if archaeological materials were collected), the SHPO and the CHRIS.	After CPM approval	10								Ongoing
CUL	4a	CONS		MCR	The project owner shall ensure that a Worker Environmental Awareness Training for all new employees shall be conducted prior to beginning and during periods of pre-construction site mobilization, construction ground disturbance, construction grading, boring, and trenching, and construction.	At a minimum, training for new employees shall be conducted on a weekly basis. Copies of acknowledgement forms signed by trainees shall be provided in the MCR.								1/4/10	2010-0011	Ongoing
CUL	4b	PC				CUL WEAP Handbook								4/6/10	2010-0392	Approved
CUL	5				The project owner shall ensure that the CRS, alternate CRS and the Cultural Resources Monitor(s) shall have the authority to halt or redirect construction if previously unknown cultural resource sites or materials are encountered or if known resources may be impacted in a previously unanticipated manner.	At least 30 days prior to the start of ground disturbance, the project owner shall provide the CPM with a letter confirming that the CRS, alternate CRS and cultural resources monitor(s) have the authority to halt construction activities in the vicinity of a cultural resource find and stating that the CRS will notify the CPM and project owner within 24 hours after a find.	Prior to start of ground distrubance	30						3/15/10	2010-0318	Approved
CUL	6a	CONS			The project owner shall ensure that the CRS, alternate CRS, or monitors shall monitor ground disturbance full-time in the vicinity of the project site, linears and ground disturbance at laydown areas to ensure there are no impacts to undiscovered resources.	During the ground disturbance phases of the project, if the CRS wishes to reduce the level of monitoring occurring at the project, a letter identifying the area(s) where the CRS recommends the reduction and justifying the reductions in monitoring shall be submitted to the CPM for review and approval.	During ground disturbance									Ongoing
CUL	6b	CONS		MCR		During the ground disturbance phases of the project, the project owner shall include in the MCR to the CPM copies of the weekly summary reports prepared by the CRS regarding project-related cultural resources monitoring. Copies of daily logs shall be retained and made available for audit by the CPM as needed.										Ongoing
CUL	7a	CONS			Prior to any form of debris removal, ground clearing, or grading at the Aladdin Parcel, Tomkins parcel, Zanette Parcel, Chess Parcel, Transmission Line Route Alternative 2, and portions of Alternative 1 subject to ground disturbance, the CPM shall be informed via e-mail or other method acceptable to the CPM, that debris removal, ground clearing, or grading is about to occur.	One week prior to any form of debris removal, ground clearing or grading at the Aladdin Parcel, Tomkins parcel, Zanette Parcel, Chess Parcel, Alternative 2 transmission line route, and Alternative 1 Transmission Line Route where there may be ground disturbance, the project owner shall inform the CPM via e-mail, or another method acceptable to the CPM, that the debris removal, ground clearing, or grading will begin within one week and that the CRS, alternate CRS or CRM(s) are available to monitor.	Prior to any form of debris removal, ground clearing or grading	7								Ongoing
CUL	7b	CONS				No later than one week after completion of each cleared earth examination or survey, and prior to any additional grading or ground disturbance, a letter report identifying survey personnel and detailing the methods, procedures, location, and results of the examinations or surveys shall be provided to the CPM for review and approval.	After comlpetion of clearing	7								Not Started
FACILITY DESIGN																

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
GEN	1	PRE-OP	X		The project owner shall design, construct and inspect the project in accordance with the 2001 California Building Code (CBC) and all other applicable engineering LORS in effect at the time initial design plans are submitted to the CBO for review and approval.	Within 30 days after receipt of the Certificate of Occupancy, the project owner shall submit to the CPM a statement of verification, signed by the responsible design engineer, attesting that all designs, construction, installation and inspection requirements of the applicable engineering LORS and the Energy Commission Decision have been met in the area of facility design.	After receipt of Certificate of Occupancy	30								Ongoing
GEN	2a	PC	X		Prior to submittal of the initial engineering designs for CBO review, the project owner shall furnish to the CPM and to the CBO a schedule of facility design submittals, a Master Drawing List, and a Master Specifications List. The schedule shall contain a list of proposed submittal packages of designs, calculations, and specifications for major structures and equipment. To facilitate audits by Energy Commission staff, the project owner shall provide specific packages to the CPM when requested.	At least 60 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of rough grading, the project owner shall submit to the CBO and to the CPM the schedule, the Master Drawing List, and the Master Specifications List of documents to be submitted to the CBO for review and approval. Major structures and equipment shall be added to or deleted from the Table only with CPM approval.	Prior to start of rough grading	60						7/2/10		Approved
GEN	2b	CONS		MCR		The project owner shall provide schedule updates in the Monthly Compliance Report.										Ongoing
GEN	3a	CONS	X		The project owner shall make payments to the CBO for design review, plan check and construction inspection based upon a reasonable fee schedule to be negotiated between the project owner and the CBO.	The project owner shall make the required payments to the CBO in accordance with the agreement between the project owner and the CBO.										Ongoing
GEN	3b	CONS		MCR		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 the applicable fees have been paid.										Ongoing
GEN	4a	PC	X		Prior to the start of rough grading, the project owner shall assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE), to be in general responsible charge of the project	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, the name, qualifications and registration number of the RE and any other delegated engineers assigned to the project.	Prior to start of rough grading	30						7/2/10		Approved
GEN	4b	PC			Prior to the start of rough grading, the project owner shall assign a California registered architect, structural engineer or civil engineer, as a resident engineer (RE), to be in general responsible charge of the project	The project owner shall notify the CPM of the CBO's approvals of the RE and other delegated engineer(s) within five days of the approval. If the RE or the delegated engineer(s) are 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. The project owner shall notify the CPM of the CBO's approval of the new engineer within five days of the approval.		5						7/20/10		Approved
GEN	5a	PC	X		Prior to the start of rough grading, the project owner shall assign at least one of each of the following California registered engineers to the project: A) a civil engineer; B) a geotechnical engineer or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; D) a mechanical engineer; and E) an electrical engineer.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, the names, qualifications and registration numbers of all the responsible engineers assigned to the project. The project owner shall notify the CPM of the CBO's approvals of the engineers within five days of the approval.	Prior to start of rough grading	30						7/2/10		Approved

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
GEN	5b	PC			Prior to the start of rough grading, the project owner shall assign at least one of each of the following California registered engineers to the project: A) a civil engineer; B) a geotechnical engineer or a civil engineer experienced and knowledgeable in the practice of soils engineering; C) a design engineer, who is either a structural engineer or a civil engineer fully competent and proficient in the design of power plant structures and equipment supports; D) a mechanical engineer; and E) an electrical engineer.	The project owner shall notify the CPM of the CBO's approvals of the engineers within five (5) days of the approval. If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five (5) days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval.		5						7/20/10		Approved
GEN	6a		X		Prior to the start of an activity requiring special inspection, the project owner shall assign to the project, qualified and certified special inspector(s) who shall be responsible for the special inspections required by the 2001 CBC, Chapter 17, Section 1701, Special Inspections, Section, 1701.5 Type of Work (requiring special inspection), and Section 106.3.5, Inspection and observation program.	At least 15 days prior to the start of an activity requiring special inspection, the project owner shall 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.	Prior to start of activity requiring special inspection	15								Ongoing
GEN	6b			MCR		The project owner shall also submit to the CPM a copy of the CBO's approval of the qualifications of all special inspectors in the next Monthly Compliance Report.										Ongoing
GEN	7			MCR	The project owner shall keep the CBO informed regarding the status of engineering and construction. If any discrepancy in design and/or construction is discovered in any work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend the corrective action required.	The project owner shall 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.										Ongoing
GEN	8		X	MCR	The project owner shall obtain the CBO's final approval of all completed work that has undergone CBO design review and approval. The project owner shall request the CBO to inspect the completed structure and review the submitted documents. When the work and the "as-built" and "as graded" plans conform to the approved final plans, the project owner shall notify the CPM regarding the CBO's final approval.	Within 15 days of the completion of any work, the project owner shall 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.										Ongoing
CIVIL	1		X		Prior to the start of site grading, the project owner shall submit to the CBO for review and approval of 1) Design of the proposed drainage structures and the grading plan; 2) An erosion and sedimentation control plan; 3) Related calculations and specifications, signed and stamped by the responsible civil engineer; and 4) Soils report as required by the 2001 CBC [Appendix Chapter 33, Section 3309.5, Soils Engineering Report and Section 3309.6, Engineering Geology Report].	At least 15 days prior to the start of site grading (or a lesser number of days mutually agreed to by the project owner and the CBO), the project owner shall submit the documents described above to the CBO for design review and approval. 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.	Prior to start of site grading	15						8/4/10		Approved
CIVIL	2				The resident engineer shall, if appropriate, stop all earthworks and construction in the affected areas when the responsible geotechnical engineer or civil engineer experienced and knowledgeable in the practice of soils engineering identifies unforeseen adverse soil or geologic conditions.	The project owner shall notify the CPM, within five (5) days, when earthwork and construction is stopped as a result of unforeseen adverse geologic/soil conditions. Within five (5) days of the CBO's approval to resume earthwork and construction in the affected areas, the project owner shall provide to the CPM a copy of the CBO's approval.	Notify	5								Ongoing

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
CIVIL	3a		X		The project owner shall perform inspections in accordance with the 2001 CBC, Chapter 1, Section 108, Inspections; Chapter 17, Section 1701.6, Continuous and Periodic Special Inspection; and Appendix Chapter 33, Section 3317, Grading Inspection.	Within five (5) 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. Within five (5) days of resolution of the NCR, the project owner shall submit the details of the corrective action to the CBO and the CPM.	Discovery of discrepancy	5								Ongoing
CIVIL	3b			MCR		A list of NCRs, for the reporting month, shall also be included in the following Monthly Compliance Report.										Ongoing
CIVIL	4a		X		After completion of finished grading and erosion and sedimentation control and drainage facilities, the project owner shall obtain the CBO's approval of the final "as-graded" grading plans, and final "as-built" plans for the erosion and sedimentation control facilities.	Within 30 days of the completion of the erosion and sediment control mitigation and drainage facilities, the project owner shall submit to the CBO 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.	Completion of erosion and sediment control mitigation	30								Not Started
CIVIL	4b			MCR		The project owner shall submit a copy of this report to the CPM in the next Monthly Compliance Report.										Not Started
STRUC	1		X		Prior to the start of any increment of construction of any major structure or component listed in Table 1 of Condition of Certification GEN-2, above, the project owner shall submit to the CBO for design review and approval the proposed lateral force procedures for project structures and the applicable designs, plans and drawings for project structures.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of any increment of construction of any structure or component listed in Table 1 of Condition of Certification GEN-2, above the project owner shall submit to the CBO, with a copy to the CPM, the responsible design engineer's signed statement that the final design plans, specifications and calculations conform with all of the requirements set forth in the Energy Commission Decision.	Prior to start of any increment of construction of any structure	30								Ongoing
STRUC	2				The project owner shall submit to the CBO the required number of sets of the noted documents related to work that has undergone CBO design review and approval.	If a discrepancy is discovered in any of the above data, the project owner shall, within five days, prepare and submit an NCR describing the nature of the discrepancies to the CBO, with a copy of the transmittal letter to the CPM.										Ongoing
STRUC	3a		X		The project owner shall submit to the CBO design changes to the final plans required by the 2001 CBC, Chapter 1, Section 106.3.2, Submittal documents, and Section 106.3.3, Information on plans and specifications, including the revised drawings, specifications, calculations, and a complete description of, and supporting rationale for, the proposed changes, and shall give the CBO prior notice of the intended filing.	On a schedule suitable to the CBO, the project owner shall notify the CBO of the intended filing of design changes, and shall 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.										Ongoing
STRUC	3b			MCR		The project owner shall notify the CPM, via the Monthly Compliance Report, when the CBO has approved the revised plans.										Ongoing
STRUC	4a		X		Tanks and vessels containing quantities of toxic or hazardous materials exceeding amounts specified in Chapter 3, Table 3-E of the 2001 CBC shall, at a minimum, be designed to comply with Occupancy Category 2 of the 2001 CBC.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of installation of the tanks or vessels containing the above specified quantities of toxic or hazardous materials, the project owner shall 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.	Prior to start of installation of tanks or vessels	30								Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
STRUC	4b			MCR		The project owner shall 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.										Not Started
MECH	1a		X		Prior to the start of any increment of major piping or plumbing construction, the project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations for each plant major piping and plumbing system listed in Table 1, Condition of Certification GEN 2.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of any increment of major piping or plumbing construction, the project owner shall 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 the applicable LORS.	Prior to start of any increment of major piping or plumbing construction	30								Not Started
MECH	1b			MCR		The project owner shall send the CPM a copy of the transmittal letter from above in the next Monthly Compliance Report and include a copy of the transmittal letter conveying the CBO's inspection approvals.										Not Started
MECH	2a		X		For all pressure vessels installed in the plant, the project owner shall submit to the CBO and California Occupational Safety and Health Administration (Cal-OSHA), prior to operation, the code certification papers and other documents required by the applicable LORS.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of on-site fabrication or installation of any pressure vessel, the project owner shall submit to the CBO for design review and approval, the above listed documents, including a copy of the signed and stamped engineer's certification, with a copy of the transmittal letter to the CPM.	Prior to start of on-site fabrication or installation of any pressure vessel	30								Not Started
MECH	2b			MCR		The project owner shall 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.										Not Started
MECH	3		X		Prior to the start of construction of any heating, ventilating, air conditioning (HVAC) or refrigeration system, the project owner shall submit to the CBO for design review and approval the design plans, specifications, calculations and quality control procedures for that system. Packaged HVAC systems, where used, shall be identified with the appropriate manufacturer's data sheets.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of construction of any HVAC or refrigeration system, the project owner shall 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.	Prior to start of consturction of any HVAC or refrigeration system	30								Not Started
ELEC	1a		X		Prior to the start of any increment of electrical construction for electrical equipment and systems 480 volts and higher, listed below, with the exception of underground duct work and any physical layout drawings and drawings not related to code compliance and life safety, the project owner shall submit, for CBO design review and approval, the proposed final design, specifications and calculations	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of each increment of electrical construction, the project owner shall submit to the CBO for design review and approval the above listed documents.	Prior to start of each increment of electrical construction	30								Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
ELEC	1b			MCR		The project owner shall include in this submittal a copy of the signed and stamped statement from the responsible electrical engineer attesting compliance with the applicable LORS, and shall send the CPM a copy of the transmittal letter in the next Monthly Compliance Report.										Not Started
GEOLOGICAL RESOURCES																
GEO	1				Prior to the start of construction, the project owner shall assign to the project an Engineering Geologist(s), certified by the State of California, to carry out the duties required by the 2001 edition of the California Building Code (CBC) Appendix Chapter 33, Section 3309.4.	At least 30 days (or a lesser number of days, mutually agreed to by the project Owner and the CBO) prior to the start of construction, the project Owner shall submit to the CPM for approval the names(s), resume(s), and license number(s) of the Certified Engineering Geologist(s) assigned to the project. The submittal should include a statement that CPM approval is needed.	Prior to start of construction	30						6/7/10		Approved
GEO	2a				The assigned Engineering Geologist(s) shall carry out the duties required by the 2001 CBC, Appendix Chapter 33, Section 3309.4 Engineered Grading Requirement, and Section 3318.1- Final Reports.	Within 15 days after submittal of the application(s) for grading permit(s) to the CBO or other, the project Owner shall submit a signed statement to the CPM stating that the Engineering Geology Report has been submitted to the CBO as a supplement to the plans and specifications and that the recommendations contained in the report are incorporated into the plans and specifications.	After submittal of grading permit application	15								Ongoing
GEO	2b					Within 90 days following the completion of the final grading, the project Owner shall submit copies of the Final Geologic Report required by the 2001 CBC Appendix Chapter 33, Section 3318 Completion of Work, to the CBO, with a copy of the transmittal letter forwarded to the CPM.	Completion of final grading	90								Not Started
HAZARDOUS MATERIALS MANAGEMENT																
HAZ	1			ACR	The project owner shall not use any hazardous material in any quantity or strength not listed in Tables 3.5-1 and 3.5-2 of the amendment unless reviewed in advance by the Hayward Fire Department and approved in advance by the CPM.	The project owner shall provide to the Compliance Project Manager (CPM), in the Annual Compliance Report, a list of all hazardous materials contained at the facility. If any changes are requested, the project owner shall do so in writing, with a copy to the Hayward Fire Department, at least 30 days before the change is needed, to the CPM for approval.										Not Started
HAZ	2				The project owner shall provide a Risk Management Plan (RMP) and a Hazardous Materials Business Plan (HMBP), (that shall include the proposed building chemical inventory as per the UFC) to the City of Hayward Fire Department and the CPM for review at the time the RMP plan is first submitted to the U.S. Environmental Protection Agency (EPA).	At least 60 days prior to construction of hazardous materials storage facilities and control systems, the project owner shall provide the final plans (RMP and HMBP) listed above and accepted by the City of Hayward to the CPM for approval.	Prior to construction of hazmat storage facilities	60								Not Started
HAZ	3				The project owner shall develop and implement a Safety Management Plan (SMP) for delivery of ammonia and other liquid hazardous materials.	At least sixty (60) days prior to the delivery of any liquid hazardous material to the facility, the project owner shall provide a SMP as described above to the CPM for review and approval.	Prior to delivery of any liquid hazmat	60								Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
HAZ	4				The aqueous ammonia storage facility shall be designed and built to either the ASME Pressure Vessel Code and ANSI K61.6 or to API 620. In either case, the storage tank shall be protected by a secondary containment basin capable of holding 125 percent of the storage volume or the storage volume plus the volume associated with 24 hours of rain assuming the 25-year storm, and shall be covered so that only drain holes or spaces or vents are open to the atmosphere.	At least sixty (60) days prior to delivery of aqueous ammonia to the facility, the project owner shall submit final design drawings and specifications for the ammonia storage tank, the tanker truck transfer pad, and secondary containment basin(s) to the CPM for review and approval.	Prior to delivery of aqueous ammonia	60									Not Started
HAZ	5				The project owner shall ensure that no combustible or flammable material is stored, used, or transported within 50 feet of the sulfuric acid tank.	At least sixty (60) days prior to receipt of sulfuric acid on-site, the project owner shall provide to the CPM for review and approval copies of the facility design drawings showing the location of the sulfuric acid storage tank and the location of any tanks, drums, or piping containing any combustible or flammable material and the route by which such materials will be transported through the facility.	Prior to receipt of sulfuric acid on-site	60									Not Started
HAZ	6				The project owner shall direct all vendors delivering aqueous ammonia to the site to use only tanker truck transport vehicles, which meet or exceed the specifications of DOT Code MC-307.	At least sixty (60) days prior to receipt of aqueous ammonia on site, the project owner shall submit copies of the notification letter to supply vendors indicating the transport vehicle specifications to the CPM for review and approval.	Prior to receipt of aqueous ammonia	60								Not Started
HAZ	7				The project owner shall direct all vendors delivering any hazardous material to the site to use only the route approved by the CPM (SR92 to Clawiter to Depot Road to the facility).	At least sixty (60) days prior to receipt of any hazardous materials on site, the project owner shall submit to the CPM for review and approval, a copy of the letter to be mailed to the vendors. The letter shall state the required transportation route limitation.	Prior to receipt of any hazmat	60								Not Started
HAZ	8				The project owner shall ensure that the portion of the natural gas pipeline owned by the project undergo a complete design review and detailed inspection 30 years after initial installation and each 5 years thereafter.	At least thirty days prior to the initial flow of gas in the pipeline, the project owner shall provide a detailed plan to accomplish a full and comprehensive pipeline design review to the CPM for review and approval. This plan shall be amended, as appropriate, and submitted to the CPM for review and approval, not later than one year before the plan is implemented.	Priro to initial flow of gas in pipeline	30									Not Started
HAZ	9				After any significant seismic event in the area where surface rupture occurs within one mile of the pipeline, the gas pipeline portion owned by the project shall be inspected by the project owner.	At least thirty days prior to the initial flow of gas in the pipeline, the project owner shall provide to the CPM a detailed plan to accomplish a full and comprehensive inspection of that portion of the pipeline owned by the project in the event of an earthquake for review and approval.	Prior to initial flow of gas	30								Not Started
HAZ	11				Ammonia sensors shall be installed, operated, and maintained around the aqueous ammonia storage tank and tanker truck transfer pad. The number, specific locations, and specifications of the ammonia sensors shall be submitted to the CPM for review and approval.	At least sixty (60) days prior to delivery of aqueous ammonia to the facility, the project owner shall submit final design drawings showing the number, location, and specifications of the ammonia sensors to the CPM for review and approval.	Prior to delivery of aqueous ammonia	60								Not Started
HAZ	12				At least 30 days 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.	At least thirty (30) days prior to commencing construction, the project owner shall notify the CPM that a site-specific Construction Site Security Plan is available for review and approval.	Prior to commencing construction	30						5/10/10	2010-0558	Approved
HAZ	13				In order to determine the level of security appropriate for this power plant, the project owner shall prepare a Vulnerability Assessment and submit that assessment as part of the Operations Security Plan to the CPM for review and approval.	At least 30 days prior to the initial receipt of hazardous materials on-site, the project owner shall notify the CPM that a site-specific vulnerability assessment and operations site security plan are available for review and approval.	Prior to initial receipt of hazmat	30								Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
LAND USE																
LAND	1a				The project owner shall submit a development plan to the City of Hayward Planning Department in sufficient time to allow for an advisory review of the project and its associated facilities for compliance with the jurisdiction's site development and permitting requirements and to provide comments to the project owner and Energy Commission's Compliance Project Manager (CPM).	At least 90 calendar days prior to the start of construction, including any grading or site remediation on the power plant project site and its associated facilities, the project owner shall submit the proposed development plan to the City of Hayward Planning Department for review and comment and to the CPM for review and approval. The project owner shall also provide a copy of the transmittal letter to the City of Hayward.	Prior to start of construction	90						5/14/10		Approved
LAND	1b					At least 30 calendar days prior to the start of construction, the project owner shall provide copies of any comment letters received from the local jurisdiction, along with any changes to the proposed development plan, to the CPM for review and approval.	Prior to start of construction	30						7/12/10		Approved
LAND	2a				The project owner shall adjust the boundaries of all parcels to which the project owner holds fee title that constitute the RCEC and Zero Liquid Discharge Facility project sites as necessary to merge all properties into a single parcel, under single ownership, within the City of Hayward jurisdiction, in accordance with provisions and procedures set forth in the City of Hayward's Municipal Code, Chapter 10 - Article 3 (Subdivision Ordinance).	At least 30 days prior to construction of the RCEC project, the project owner shall submit evidence to the Energy Commission Compliance Project Manager (CPM), indicating approval of the merger by the City of Hayward. The submittal to the CPM shall include evidence of compliance with all conditions and requirements associated with the approval of the certificate of merger and/or notice of lot line adjustment by the city.	Prior to start of construction	30						6/25/10		Approved
LAND	2b					A copy of the executed Aladdin parcel lease shall be provided to the CPM no later than 20 days prior to the start of construction.	Prior to start of construction	20						7/9/10		Approved
NOISE AND VIBRATION																
NOISE	1			MCR	At least 15 days prior to the start of ground disturbance, the project owner shall notify the City of Hayward, the Hayward Area Recreation District, the East Bay Regional Parks District, and residents within one mile of the site, by mail or other effective means, of the commencement of project construction. At the same time, the project owner shall establish a telephone number for use by the public to report any undesirable noise conditions associated with the construction and operation of the project.	The project owner shall transmit to the Energy Commission Compliance Project Manager (CPM) in the first Monthly Construction Report following the start of construction, a statement, signed by the project manager, attesting that the above notification has been performed, and describing the method of that notification.								8/24/10		Completed
NOISE	2				Throughout the construction and operation of the project, the project owner shall document, investigate, evaluate, and attempt to resolve all project related noise complaints.	Within thirty (30) days of receiving a noise complaint, the project owner shall file a copy of the Noise Complaint Resolution Form, or similar instrument approved by the CPM, with the City of Hayward, and with the CPM, documenting the resolution of the complaint.	Receipt of noise complaint	30								Ongoing
NOISE	3				Prior to the start of ground disturbance, the project owner shall submit to the CPM for review a noise control program. The noise control program shall be used to reduce employee exposure to high noise levels during construction and also to comply with applicable OSHA and Cal-OSHA standards.	At least thirty (30) days prior to the start of construction, the project owner shall submit to the CPM the noise control program. The project owner shall make the program available to OSHA upon request.	Prior to start of construction	30						3/22/10	2010-0354	Approved

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
NOISE	4				The project owner shall employ a low-pressure continuous steam or air blow process. High-pressure steam blows shall be permitted only if the system is equipped with an appropriate silencer that quiets steam blow noise to no greater than 86 dBA, measured at a distance of 50 feet. The project owner shall submit a description of this process, with expected noise levels and projected hours of execution, to the CPM.	At least fifteen (15) days prior to any low-pressure continuous steam or air blow, the project owner shall submit to the CPM drawings or other information describing the process, including the noise levels expected and the projected time schedule for execution of the process.	Prior to low-pressure continuous steam or air blow	15								Not Started
NOISE	5				At least 15 days prior to the first steam or air blow(s), the project owner shall notify the City of Hayward, the Hayward Area Recreation District, the East Bay Regional Parks District, and residents within one mile of the site of the planned activity, and shall make the notification available to other area residents in an appropriate manner.	Within five (5) days of notifying these entities, the project owner shall send a letter to the CPM confirming that they have been notified of the planned steam or air blow activities, including a description of the method(s) of that notification.	Notifying entities	5								Not Started
NOISE	6				The project design and implementation shall include appropriate noise mitigation measures adequate to ensure that the project will not cause resultant noise levels to exceed the noise standards of the City of Hayward Municipal Code or Noise Element.	Within thirty (30) days after completing the post-construction survey, the project owner shall submit a summary report of the survey to the CPM. Included in the post-construction survey report will be a description of any additional mitigation measures necessary to achieve compliance with the above listed noise limits, and a schedule, subject to CPM approval, for implementing these measures.	After completing postconstruction survey	30								Not Started
NOISE	7				Within 30 days after the facility is in full operation, the project owner shall conduct an occupational noise survey to identify the noise hazardous areas in the facility.	Within thirty (30) days after completing the survey, the project owner shall submit the noise survey report to the CPM. The project owner shall make the report available to OSHA and Cal-OSHA upon request.	After completing survey	30								Not Started
NOISE	8				Heavy equipment operation and noisy construction work shall be restricted to the times of day delineated	The project owner shall transmit to the CPM in the first monthly construction report a statement acknowledging that the above restrictions will be observed throughout the construction of the project.										Ongoing
PALEONTOLOGICAL RESOURCES																
PAL	1				Prior to the start of any project-related construction activities (defined as any construction-related vegetation clearance, ground disturbance and preparation, and site excavation activities), the Project Owner shall ensure that the designated Paleontologic Resource Specialist approved by the CPM is available for field activities and prepared to implement the Conditions of Certification.	At least 90 days prior to the start of construction (or a lesser number of days mutually agreed to by the Project Owner and the CPM), the Project Owner shall submit the name and resume and the availability for its designated Paleontologic Resource Specialist, to the CPM for review and approval.	Prior to start of construction	90						1/19/10	2010-0051	Approved
PAL	2				Prior to the start of the project construction, the designated Paleontologic Resource Specialist shall prepare a Paleontologic Resources Monitoring and Mitigation Plan to identify general and specific measures to minimize potential impacts to sensitive paleontologic resources, and submit this plan to the CPM for review and approval.	At least 60 days prior to the start of construction on the project (or a lesser number of days mutually agreed to by the Project Owner and the CPM), the Project Owner shall provide the CPM with a copy of the Monitoring and Mitigation plan prepared by the designated Paleontologic Resource Specialist for review and approval.	Prior to start of construction	60						1/4/10	2010-0009	Approved
PAL	3				Prior to the start of construction, and throughout the project construction period as needed for all new employees, the Project Owner and the designated Paleontologic Resource Specialist shall prepare and conduct CPM-approved training to all project managers, construction supervisors, and workers who operate ground-disturbing equipment.	At least 30 days prior to the start of project construction, the Project Owner shall submit to the CPM for review, comment, and approval, the proposed employee training program and the set of reporting procedures the workers are to follow if paleontologic resources are encountered during project construction.	Prior to start of construction	30						4/6/2010 1/4/2010	2010-0393 2010-0011	Approved

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
PAL	4			MCR	At least 30 days prior to the start of project construction, the Project Owner shall submit to the CPM for review, comment, and approval, the proposed employee training program and the set of reporting procedures the workers are to follow if paleontologic resources are encountered during project construction.	The Project Owner shall include in the Monthly Compliance Reports a summary of paleontologic activities conducted by the designated Paleontologic Resource Specialist.										Ongoing
PAL	5				The Project Owner, through the designated Paleontologic Resource Specialist, shall ensure recovery, preparation for analysis, analysis, identification and inventory, the preparation for curation, and the delivery for curation of all significant paleontologic resource materials encountered and collected during the monitoring, data recovery, mapping, and mitigation activities related to the project.	The Project Owner shall maintain in its compliance files copies of signed contracts or agreements with the designated Paleontologic Resource Specialist and other qualified research specialists who will ensure the necessary data and fossil recovery, mapping, preparation for analysis, analysis, identification and inventory, and preparation for delivery of all significant paleontologic resource materials collected during data recovery and mitigation for the project.										Ongoing
PAL	6				The Project Owner shall ensure preparation of a Paleontologic Resources Report by the designated Paleontologic Resource Specialist.	The Project Owner shall submit a copy of the Paleontologic Resources Report to the CPM for review and approval, under a cover letter stating that it is a confidential document. The report is to be prepared by the designated Paleontologic Resource Specialist within 90 days following completion of the analysis of the recovered fossil materials.	Following completion of analysis	90								Not Started
PAL	7				The Project Owner shall include in the facility closure plan a description regarding potential impact to paleontologic resources by the closure activities. The conditions for closure will be determined when a facility closure plan is submitted to the CPM, twelve months prior to closure of the facility.	The Project Owner shall include a description of closure activities described above in the facility closure plan.										Not Started
PUBLIC HEALTH																
PH	1				The project owner shall develop, implement, and submit to the CPM for review and approval a Cooling Water Management Plan to ensure that the potential for bacterial growth in cooling water is controlled.	At least 60 days prior to the commencement of cooling tower operations, the Cooling Water Management Plan shall be provided to the CPM for review and approval.	Prior to commencement of cooling tower operations	60								Not Started
SOCIOECONOMICS																
SOCIO	2				The project owner shall pay the one-time statutory school facility development fee to the Hayward Unified School District as required by Education Code Section 17620.	At least 30 days prior to the start of project construction, the project owner shall provide proof of payment of the statutory development fee.	Prior to start of construction	30						7/15/10		Approved
SOIL & WATER RESOURCES																
WATER	1				Prior to beginning any site mobilization activities, the project owner shall obtain CPM approval for a site-specific Drainage, Erosion and Sedimentation Control Plan (DESCP) that address all project elements.	No later than 90 days prior to start of site mobilization, the project owner shall submit a copy of the DESCP to the City of Hayward (City) for review and comment.	Prior to start of site mobilization	90						2/23/10	2010-0231	Approved
WATER	2				The project owner shall comply with the requirements of the General National Pollutant Discharge Elimination System (NPDES) Permit for Discharges of Storm Water Associated with Construction Activity. The project owner shall develop and implement a Storm Water Pollution Prevention Plan (SWPPP) for the construction of the RCEC site, laydown area, and all linear facilities.	The project owner shall submit to the CPM a copy of the Construction SWPPP that includes all requirements of Hayward Municipal Code Chapter 11, Article 5 for Stormwater Management and Urban Runoff Control prior to site mobilization and retain a copy on-site.								2/23/10	2010-0230	Approved

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
WATER	3				The project owner shall comply with the requirements of the General NPDES Permit for Discharges of Storm Water Associated with Industrial Activity. The project owner shall develop and implement a Storm Water Pollution Prevention Plan (SWPPP) for the operation of the RCEC.	The project owner shall submit to the CPM a copy of the Industrial SWPPP that includes all requirements of Hayward Municipal Code Chapter 11, Article 5 for Stormwater Management and Urban Runoff Control prior to commercial operation and retain a copy on-site.										Not Started
WATER	4a				The project owner shall use tertiary-treated water supplied from the on-site Title 22 Recycled Water Facility (RWF) as its primary source for cooling and process water supply. Potable water may be used for cooling and process purposes only in the event of an unavoidable interruption of the on-site Title 22 RWF supply or secondary effluent from the City of Hayward, but not to exceed 45 days (1080 hours) in any one operational year.	Prior to the use of recycled water for any purpose the project owner shall submit to the CPM the water supply and distribution system design and the Engineering Report for the Production, Distribution and Use of Recycled Water approved by DHS and the SFRWQCB demonstrating compliance with this condition.	Prior to use of recycled water									Not Started
WATER	4b			ACR		The project owner will submit as part of its annual compliance report a water use summary to the CPM on an annual basis for the life of the project. Any significant changes in the water supply for the project during construction or operation of the plant shall be noticed in writing to the CPM at least 60 days prior to the effective date of the proposed change.										Not Started
WATER	6a				Prior to site mobilization, the project owner shall provide the CPM with two (2) copies of an executed and final Water Supply Agreement in accordance with the City of Hayward (City) Municipal Code Section 11, Article 2 and any other service agreements with the City for obtaining potable water for the construction and operation of the Russell City Energy Center project.	At least 60 days prior to site mobilization, the project owner shall submit to the CPM two (2) copies of the executed Water Supply Agreement and any other service agreements between the project owner and the City for obtaining potable water for construction and operation of the RCEC in accordance with City Municipal Code Section 11, Article 2.	Prior to site mobilization	60						6/7/10		Approved
WATER	6b					Prior to the use of recycled water (secondary or tertiary treated) for any purpose, the project owner shall submit to the CPM two (2) copies of an executed and final Recycled Water Supply Agreement between the project owner and the City for the supply of secondary effluent.	Prior to use of recycled water									Not Started
WATER	6c			ACR		During operations, the project owner shall submit any water quality monitoring reports for potable or recycled water use required by the City to the CPM in the annual compliance report.										Not Started
WATER	7a	PC			Prior to any site mobilization activities, the project owner shall provide the CPM with evidence of its request for a flood zone map revision with the City of Hayward, and FEMA's issuance of a conditional letter of map revision (CLOMR). The project owner shall provide evidence of submittal of as-built plans to City of Hayward in order to obtain a final letter of map revision (LOMR).	Thirty (30) days prior to site mobilization, the project owner shall submit to the CPM evidence of its request for a flood zone map revision with the City of Hayward, and FEMA's issuance of a conditional letter of map revision (CLOMR).	Prior to site mobilization	30						7/16/10		Approved
WATER	7b	OP				Within sixty (60) days following the RCEC commercial operation date, the project owner shall submit to the CPM evidence of submittal of as-built plans to the City of Hayward in order to obtain a final letter of map revision (LOMR).	Following commercial operation date	60								Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
WATER	8	PC			Prior to the start of construction, the project owner shall provide the CPM with evidence of a Flood Canal Tie-In Permit to the Alameda County Public Works Agency (Flood Control and Water Conservation District).	At least thirty (30) days prior to construction, the project owner shall submit to the CPM evidence of submitting an Application for a Flood Canal Tie-In Permit to the Alameda County Public Works Agency, Flood Control and Water Conservation District. The project owner shall also obtain a Section 401 Clean Water Act certification from the San Francisco Bay Regional Water Quality Control Board (SFBRWQCB) or provide a letter from the SFBRWQCB stating that 401certification is not required.	Prior to construction	30						7/16/10		Approved
WATER	9a	PRE-OP			Prior to commercial operation, the project owner shall provide the CPM and the City of Hayward (City) with all the information and data necessary to satisfy the City's pretreatment requirements for the discharge of industrial and sanitary wastewater to the City's sewer system. The project owner shall provide the CPM with two (2) copies of an executed and final discharge permit for industrial and sanitary wastewater discharge.	No later than sixty (60) days prior to commercial operation, the project owner shall submit the information and data required in accordance with Municipal Code Section 11, Article 3 and any other service agreements for wastewater discharge to the City's sanitary sewer system to the City for review and comment, and to the CPM for review and approval.	Prior to commercial operations	60								Not Started
WATER	9b			ACR		During operations, the project owner shall submit any water quality monitoring required by the City to the CPM in the annual compliance report.										Not Started
TRAFFIC AND TRANSPORTATION																
TRANS	1				The project owner shall develop a construction traffic control and transportation demand implementation program that limits construction-period truck and commute traffic to off-peak periods in coordination with the City of Hayward and Caltrans.	At least thirty (30) days prior to start of site preparation or earth moving activities, the project owner shall provide to the City of Hayward and Caltrans for review and comment, and to the CPM for review and approval, a copy of their construction traffic control plan and transportation demand implementation program.	Prior to start of site prep or earth moving activities	30						2/24/10	2010-0238	Approved
TRANS	4	PRE-OP			The project owner shall complete construction of Enterprise Avenue along the project frontage. Enterprise Avenue is to be constructed as a standard 60-foot industrial public street per City of Hayward Detail SD-102. This includes removal of the temporary asphalt curb, construction of approximately 21 feet of street pavement and a standard 6-foot sidewalk	At least thirty (30) days prior to operation of the RCEC plant, the project owner shall submit to the CPM, written verification from the City of Hayward that construction of Enterprise Avenue along the project frontage has been completed in accordance with the City of Hayward's standards.	Prior to operations	30								Not Started
TRANS	6				The project owner shall resurface Enterprise Avenue and Clawiter Road, if damage is caused by construction traffic. The degree of rehabilitation is dependent on a condition inspection by the City Engineer after completion of the RCEC project.	At least thirty (30) days prior to project site mobilization, the project owner shall submit to the CPM a letter agreeing to resurface Enterprise Avenue, if in the opinion of the City of Hayward City Engineer, damage to the asphalt overlay is caused by heavy equipment used in the construction of the RCEC.	Prior to site mobilization	30						7/9/10		Approved
TRANS	9			MCR	The project owner or its contractor shall comply with the City of Hayward Planning Department limitations for encroachment into public rights-of-way and shall obtain necessary encroachment permits from the City of Hayward Public Works Department.	In the Monthly Compliance Reports, the project owner shall submit copies of any encroachment permits received during that month's reporting period to the Compliance Project Manager (CPM).										Ongoing
TRANS	10a				The project owner shall ensure that the following mitigation measures are implemented to discourage pilots from flying over or in the proximity to the RCEC.	At least sixty (60) days prior to the start of construction, the project owner shall submit to the CPM for approval final design plans for the power plant that depict the required air traffic hazard lighting. The lighting shall be inspected and declared operational by the CPM (or designate inspector) prior to the start of operations.	Prior to start of construction	60						6/15/10		Approved

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
TRANS	10b					At least six (6) months prior to the first test or commissioning procedure, the project owner shall demonstrate to the CPM that it has coordinated with the Hayward Executive Airport manager and changes to the San Francisco VFR Terminal Area Chart have been submitted.	Prior to first test or commissioning	6 mos								Not Started
TRANS	10c					At least sixty (60) days prior to the first test or commissioning procedure, the project owner shall demonstrate to the CPM that it has coordinated with the Hayward Executive Airport manager and changes to the AFD have been submitted.	Prior to first test or commissioning	60								Not Started
TRANS	10d					At least sixty (60) days prior to the first test or commissioning procedure, the project owner shall provide verification to the CPM from the Hayward Executive Airport ATCT that any necessary modifications to local missed approach procedures have been coordinated with Northern California Terminal Radar Approach Control.	Prior to first test or commissioning	60								Not Started
TRANS	10e					At least thirty (30) days prior to the first test or commissioning procedure, the project owner shall provide verification to the CPM from the Hayward Executive Airport manager that he has an adequate supply, as determined by him, of the "fly friendly" brochure used for pilot education.	Prior to first test or commissioning	30								Not Started
TRANS	10f					At least thirty (30) days prior to the first test or commissioning procedure, the project owner shall provide verification to the CPM from the Hayward Executive Airport and Oakland International ATCT that the proposed language for the ATIS accurately describes the location of the RCEC and recommendation to avoid overflight below 1,000 feet.	Prior to first test or commissioning	30								Not Started
TRANS	10f					The project owner shall provide simultaneously to the CPM copies of all advisories sent to the Hayward and Oakland Air Traffic Control Towers.										Not Started
TRANSMISSION LINE SAFETY AND NUISANCE																
TLSN	1				The project transmission lines shall be constructed 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, and Sections 2700 through 2974 of the California Code of Regulations.	At least thirty (30) days before starting construction of the transmission line or related structures and facilities, the project owner shall submit to the Compliance Project Manager (CPM) a letter signed by a California registered electrical engineer affirming that the lines will be constructed according to the requirements stated in the condition.	Priro to construction of T-line or related	30								Not Started
TLSN	2			ACR	Every reasonable effort shall be made to identify and correct, on a case-specific basis, any complaints of interference with radio or television signals from operation of the project-related lines and associated switchyards.	All reports of line-related complaints shall be summarized for the project-related lines and included during the first five years of plant operation in the Annual Compliance Report.										Not Started
TLSN	3				A qualified consultant shall be hired to measure the strengths of the electric and magnetic fields from the proposed line segment before and after it is energized.	The project owner shall file copies of the pre-and post-energization measurements and measurements with the CPM within 60 days after completion of the measurements.	After completion of measurements	60								Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
TLSN	4			ACR	The rights-of-way of the proposed transmission line shall be kept free of combustible materials, 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 five years of plant operation, the project owner shall provide a summary of inspection results and any fire prevention activities carried out along the right-of way and provide such summaries in the Annual Compliance Report.										Not Started
TLSN	5				All permanent metallic objects within the right-of-way of the project-related lines shall be grounded according to industry standards regardless of ownership. In the event of a refusal by any property owner to permit such grounding, the project owner shall so notify the CPM.	At least 30 days before the lines are energized, the project owner shall transmit to the CPM a letter confirming compliance with this Condition.	Before energization	30								Not Started
TRANSMISSION SYSTEM ENGINEERING																
TSE	1a				The project owner shall furnish to the CPM and to the CBO a schedule of transmission facility design submittals, a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List.	At least 60 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of construction, the project owner shall submit the schedule, a Master Drawing List, and a Master Specifications List to the CBO and to the CPM.	Prior to start of construction	60								Ongoing
TSE	1b			MCR	The project owner shall furnish to the CPM and to the CBO a schedule of transmission facility design submittals, a Master Drawing List, a Master Specifications List, and a Major Equipment and Structure List.	The project owner shall provide schedule updates in the Monthly Compliance Report.										Ongoing
TSE	2a				Prior to the start of construction the project owner shall assign an electrical engineer and at least one of each of the following to the project.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of rough grading, the project owner shall submit to the CBO for review and approval, the names, qualifications and registration numbers of all the responsible engineers assigned to the project.	Prior to start of rough grading	30						7/2/10		Approved
TSE	2b				Prior to the start of construction the project owner shall assign an electrical engineer and at least one of each of the following to the project.	The project owner shall notify the CPM of the CBO's approvals of the engineers within five (5) days of the approval. If the designated responsible engineer is subsequently reassigned or replaced, the project owner has five (5) days in which to submit the name, qualifications, and registration number of the newly assigned engineer to the CBO for review and approval.	Approval	5						7/16/10		Approved
TSE	3				If any discrepancy in design and/or construction is discovered in any engineering work that has undergone CBO design review and approval, the project owner shall document the discrepancy and recommend corrective action.	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.	Receipt	15								Not Started
TSE	4a				For the power plant switchyard, outlet line and termination, the project owner shall not begin any increment of construction until plans for that increment have been approved by the CBO.	At least 30 days (or a lesser number of days mutually agreed to by the project owner and the CBO) prior to the start of each increment of construction, the project owner shall 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.	Prior to start of each increment of construction	30								Not Started
TSE	4b			MCR	For the power plant switchyard, outlet line and termination, the project owner shall not begin any increment of construction until plans for that increment have been approved by the CBO.	The project owner shall send the CPM a copy of the transmittal letter in the next Monthly Compliance Report.										Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
TSE	5				The project owner shall ensure that the design, construction and operation of the proposed transmission facilities will conform to all applicable LORS, including the requirements listed below. The project owner shall submit the required number of copies of the design drawings and calculations to the CBO as determined by the CBO.	At least sixty (60) days prior to the start of construction of transmission facilities (or a lesser number of days mutually agree to by the project owner and CBO, the project owner shall submit to the CBO for approval.	Prior to start of construction	60								Not Started
TSE	6				The project owner shall inform the CPM and CBO of any impending changes, which may not conform to the requirements TSE-5 a) through f), and have not received CPM and CBO approval, and request approval to implement such changes.	At least sixty (60) days prior to the construction of transmission facilities, the project owner shall inform the CBO and the CPM of any impending changes which may not conform to requirements of TSE-5 and request approval to implement such changes.	Priro to construction of T-line or related	60								Not Started
TSE	7				The project owner shall provide the following Notice to the California Independent System Operator (CA ISO) prior to synchronizing the facility with the California Transmission system.	The project owner shall provide copies of the CA ISO letter to the CPM when it is sent to the CA ISO one week prior to initial synchronization with the grid. The project owner shall contact the CA 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.	Prior to initial synchronization with grid	7								Not Started
TSE	8				The project owner shall be responsible for the inspection of the transmission facilities during and after project construction, and any subsequent CPM and CBO approved changes thereto, to ensure conformance with CPUC GO-95 or NESC, Title 8, CCR, Articles 35, 36 and 37 of the, "High Voltage Electric Safety Orders", applicable interconnection standards, NEC and related industry standards.	Within sixty (60) days after first synchronization of the project, the project owner shall transmit to the CPM and CBO.	After first synchronization	60								Not Started
VISUAL RESOURCES																
VIS	1				The project owner shall ensure that implementing the following measures adequately mitigates visual impacts of project construction: Install opaque, solid slats in the chain link fence along the RCEC site's boundary along the Hayward Regional Shoreline. Erect a 12-foot-tall fence with opaque, solid slats along the west property boundary of the site; Staging, material, and equipment storage areas, if visible from public rights-of-way, shall be visually screened with opaque fencing; All evidence of construction activities, including ground disturbance due to staging and storage areas shall be removed and remediated upon completion of construction. Any vegetation removed in the course of construction would be replaced on a 1-to-1 in-kind basis.	At least sixty (60) days prior to the start of site mobilization, the project owner shall submit the plan to the CPM for review and approval. If the CPM notifies the project owner that any revisions of the plan are needed before the CPM would approve the plan, within 30 days of receiving that notification, the project owner shall submit to the CPM a revised plan.	Prior to start of site mobilization	60						4/27/10	2010-0474	Approved
VIS	2a				Prior to the first turbine roll, the project owner shall prepare and implement an approved onsite landscape plan to screen the power plant from view to the greatest extent possible. Suitable irrigation shall be installed to ensure survival of the plantings. Landscaping shall be installed consistent with the City of Hayward zoning ordinance and with the U.S. Fish and Wildlife Service's recommendations, if applicable, that plants not provide opportunities for perching by birds of prey.	Prior to the first turbine roll and at least sixty (60) days prior to installing the landscaping, the project owner shall submit the landscape plan to the CPM for review and approval.	Prior to first turbine roll and prior ot installing landscaping	60								Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
VIS	2b			ACR	Prior to the first turbine roll, the project owner shall prepare and implement an approved onsite landscape plan to screen the power plant from view to the greatest extent possible. Suitable irrigation shall be installed to ensure survival of the plantings. Landscaping shall be installed consistent with the City of Hayward zoning ordinance and with the U.S. Fish and Wildlife Service's recommendations, if applicable, that plants not provide opportunities for perching by birds of prey.	The project owner shall report landscape maintenance activities, including replacement of dead vegetation, for the previous year of operation in the Annual Compliance Report.										Not Started
VIS	3a				Prior to first turbine roll, the project owner shall treat all project structures and buildings visible to the public a) in appropriate colors or hues that minimize visual intrusion and contrast by blending with the landscape; b) such that those structures and buildings have surfaces that do not create glare; and c) such that they are consistent with local laws, ordinances, regulations, and standards.	At least 60 (sixty) days prior to ordering the first structures that are color treated during manufacture, the project owner shall submit its proposed treatment plan to the CPM for review and approval.	Prior ot ordering first color treated sturctures	60								Not Started
VIS	3b			ACR	Prior to first turbine roll, the project owner shall treat all project structures and buildings visible to the public a) in appropriate colors or hues that minimize visual intrusion and contrast by blending with the landscape; b) such that those structures and buildings have surfaces that do not create glare; and c) such that they are consistent with local laws, ordinances, regulations, and standards.	The project owner shall provide a status report regarding treatment maintenance in the Annual Compliance Report.										Not Started
VIS	4				Prior to first turbine roll, the project owner shall design and install all permanent lighting such that a) light bulbs and reflectors are not visible from public viewing areas, b) lighting does not cause reflected glare, and c) illumination of the project, the vicinity, and the nighttime sky is minimized.	Prior to the first turbine roll, the project owner shall notify the CPM that the lighting is ready for inspection. If the CPM notifies the project owner that modifications to the lighting are needed, within thirty (30) days of receiving that notification the project owner shall implement the modifications.	Prior to first turbine roll and receiving notification	30								Not Started
VIS	5				All fences and walls (including sound walls) for the project shall be nonreflective and treated in appropriate colors or hues that minimize visual intrusion and contrast by blending with the surrounding landscape.	At least thirty (30) days prior to ordering fences and walls, the project owner shall submit the specifications and documentation to the CPM for review and approval.	Prior to ordering fences and walls	30						6/15/10		Approved
VIS	6				The project owner shall design project signs using non-reflective materials and unobtrusive colors. The project owner shall ensure that signs comply with the applicable City of Hayward zoning requirements that relate to visual resources. The design of any signs required by safety regulations shall conform to the criteria established by those regulations.	At least sixty (60) days prior to installing signage, the project owner shall submit the plan to the CPM for review and approval.	Prior to installing signage	60								Not Started
VIS	8				The project owner shall reduce the RCEC cooling tower and HRSG visible vapor plumes by the noted methods.	At least 30 days prior to first turbine roll, the project owner shall provide to the CPM for review and approval the specifications for the automated control systems and related systems and sensors that would be used to ensure maximum plume abatement for the wet/dry cooling tower plume abatement systems.	Prior to first turbine roll	30								Not Started
VIS	9				Prior to commercial operation, the project owner shall install new trailside amenities in the Hayward Regional Shoreline that may include, benches, free-of-charge viewscopes, and an information kiosk and set of low panels for the display of interpretive information related to Mt. Diablo and other important elements of the regional setting.	Within twelve (12) months after the start of HRSG construction, the project owner shall submit a final design plan for the trailside amenities to the HARD for review and comment and to the CPM for review and approval.	After start of HRSG construction	12 mos								Not Started

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
VIS	10a				Prior to the start of construction, the project owner shall prepare and implement an approved off-site landscaping plan. Consistent with Measure 3 of the Visual Mitigation Plan, the project owner shall install trees along the west side of the warehouse and industrial park complexes that line the eastern edge of the shoreline wetlands.	At least ninety (90) days prior to start of construction, the project owner shall submit the offsite landscape plan to the CPM for review and approval.	Prior to start of construction	90						5/14/10		Approved
VIS	10b			ACR	Prior to the start of construction, the project owner shall prepare and implement an approved off-site landscaping plan. Consistent with Measure 3 of the Visual Mitigation Plan, the project owner shall install trees along the west side of the warehouse and industrial park complexes that line the eastern edge of the shoreline wetlands.	The project owner shall report landscape maintenance activities, including replacement of dead vegetation, for the previous year of operation in the Annual Compliance Report.										Not Started
VIS	11a				The project owner shall ensure that lighting for construction of the power plant is used in a manner that minimizes potential night lighting impacts.	At least thirty (30) days prior to the start of ground disturbance, the project owner shall provide to the CPM documentation demonstrating that the lighting would comply with the condition.	Prior to start of ground distrubance	30						4/27/10	2010-0473	Approved
VIS	11b			MCR	The project owner shall ensure that lighting for construction of the power plant is used in a manner that minimizes potential night lighting impacts.	The project owner shall report any lighting complaints and documentation of resolution in the Monthly Compliance Report, accompanied by any lighting complaint resolution forms for that month.										Ongoing
WASTE MANAGEMENT																
WASTE	1				Upon becoming aware of any impending waste management-related enforcement action by any local, state, or federal authority, the project owner shall 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.	The project owner shall notify the CPM in writing within ten (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 manner in which project-related wastes are managed.	Becoming aware of impending enforcemetn	10								Not Started
WASTE	2a				Prior to the start of both construction and operation, the project owner shall prepare and submit to the CEC CPM, for review and comment, a waste management plan for all wastes generated during construction and operation of the facility, respectively.	No less than thirty (30) days prior to the start of construction, the project owner shall submit the Construction Waste Management Plan to the CPM for approval.	Prior to start of construction	30						4/2/10	2010-0387	Approved
WASTE	2b				Prior to the start of both construction and operation, the project owner shall prepare and submit to the CEC CPM, for review and comment, a waste management plan for all wastes generated during construction and operation of the facility, respectively.	The Operation Waste Management Plan shall be submitted no less than thirty (30) days prior to the start of project operation for approval.	Prior to start of operation	30								Not Started
WASTE	2c			ACR	Prior to the start of both construction and operation, the project owner shall prepare and submit to the CEC CPM, for review and comment, a waste management plan for all wastes generated during construction and operation of the facility, respectively.	In the Annual Compliance Reports, the project owner shall document the actual waste management methods used during the year and provide a comparison of the actual methods used to those proposed in the original Operation Waste Management Plan.										Not Started
WASTE	3				The project owner shall have a Registered Professional Engineer or Geologist, with experience in remedial investigation and feasibility studies, available for consultation during soil excavation and grading activities. The Registered Professional Engineer or Geologist shall be given full authority to oversee any earth moving activities that have the potential to disturb contaminated soil.	At least thirty (30) days prior to the start of construction, the project owner shall submit the qualifications and experience of the Registered Professional Engineer or Geologist to the CPM for approval.	Prior to start of construction	30						6/7/10		Approved

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
WASTE	4				If potentially contaminated soil is unearthed during excavation at either the proposed site or linear facilities as evidenced by discoloration, odor, detection by handheld instruments, or other signs, the Registered Professional Engineer or Geologist shall inspect the site, determine the need for sampling to confirm the nature and extent of contamination, and file a written report to the project owner and CPM stating the recommended course of action.	The project owner shall submit any reports filed by the Registered Professional Engineer or Geologist to the CPM within five (5) days of their receipt.	Receipt	5								Ongoing
WASTE	5				The project owner shall ensure that the ZLD salt cake is tested twice the first year of operation as per 22 CCR 66262.10 and report the findings to the CPM.	The project owner shall include the results of salt cake testing in annual report provided to the CPM. If two consecutive tests, taken six (6) months apart, show that the sludge is non-hazardous, the project owner may apply to the CPM to discontinue testing.										Not Started
WASTE	6				Prior to site mobilization, the project owner shall enter in to a cost recovery agreement with the Hayward Fire Department and the San Francisco Bay Regional Water Quality Control Board, These agreements will assist agencies' review of the clean-up, demolition, construction and operation of the Russell City Energy Center Project.	The project owner shall submit copies of cost recovery agreements to the CPM, at least sixty (60) days prior to start of construction.	Prior oto start of construction	60						6/15/09		Approved
WASTE	7			MCR	The project owner shall obtain a hazardous waste generator identification number from the Department of Toxic Substances Control prior to generating any hazardous waste.	The project owner shall keep its copy of the identification number on file at the project site and notify the CPM via the monthly compliance report of its receipt.										Ongoing
WASTE	8a				The project owner shall prepare in consultation with the CEC, City of Hayward Fire Department and the RWQCB a groundwater sampling plan to be part of the Soils Management Plan submitted in WASTE-9.	The Project shall submit the groundwater sampling report to the San Francisco Bay Regional Water Quality Control Board and Hayward Fire Department at least sixty (60) days prior to start of construction.	Prior to start of construction	60						6/24/09	2009-0862	Approved
WASTE	8b				The project owner shall prepare in consultation with the CEC, City of Hayward Fire Department and the RWQCB a groundwater sampling plan to be part of the Soils Management Plan submitted in WASTE-9.	At least thirty (30) days prior to the start of commercial operations, if the groundwater is found to be contaminated the project owner shall submit to the CPM documentation that the groundwater sampling report has been recorded as part of the environmental Restrictions required by WASTE-11.	Prior to start of commercial operations	30								Not Started
WASTE	9				Prior to any earthwork, the project owner shall prepare and submit to the City of Hayward Fire Department, San Francisco Bay Regional Quality Control Board, and the CPM for approval, a Soils Management Plan (SMP).	At least sixty (60) days prior to any earthwork, including those earthwork activities associated with the site mobilization, ground disturbance, or grading as defined in the general conditions of certification the project owner shall submit the Soils Management Plan to the City of Hayward Fire Department and the San Francisco Bay Regional Quality Control Board for review and comment, and to the CPM for approval.	Prior to any earthwork	60						6/24/09	2009-0862	Approved
WASTE	10a				The project owner shall ensure that the site is properly characterized and remediated. The project owner shall consult with the City of Hayward Fire Department and the San Francisco Bay Regional Quality Control Board in preparing a Site Cleanup Plan for soil and groundwater contamination present on the RCEC site in compliance with the Water Quality Control Plan for the San Francisco Bay Region prepared pursuant to the Porter-Cologne Water Quality Act, California Water Code Section 13240.	At least 120 days prior to any ground disturbance, which include those activities associated with site mobilization, or grading as defined in the General conditions of certification the project owner shall submit the Site Clean Up Plan to the City of Hayward Fire Department, and the San Francisco Bay Regional Water Quality Control Board and the CPM.	Prior to ground disturbance	120						6/24/2009 07/27/2009 09/08/2009	2009-0862 2009-1444 2009-1618	Approved

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
WASTE	10b				The project owner shall ensure that the site is properly characterized and remediated. The project owner shall consult with the City of Hayward Fire Department and the San Francisco Bay Regional Quality Control Board in preparing a Site Cleanup Plan for soil and groundwater contamination present on the RCEC site in compliance with the Water Quality Control Plan for the San Francisco Bay Region prepared pursuant to the Porter-Cologne Water Quality Act, California Water Code Section 13240.	At least thirty (30) days prior to any ground disturbance, the CPM, will discuss with the Hayward Fire Department and the San Francisco Bay Regional Water Quality Control Board, and shall determine whether the project owner has satisfactorily implemented the Site Cleanup Plan and, if so, allow grading/construction to begin.	Prior to any ground disturbance	30						7/16/10		Approved
WASTE	11				Following completion of the merger and/or lot line adjustment(s) associated with Condition of Certification LAND -2, the project owner shall execute and record a deed for the project site, as identified in the Certificate of Merger and/or Notice of Lot Line Adjustment, with the City of Hayward Recorders Office, which shall include a map and detailed description identifying any easements, restrictions, and limitations on the use of the property, with regard to any hazardous materials, wastes, constituents, or substances remaining on-site following closure of the proposed power plant.	The project owner shall provide copies of the deed and any attachments, with proof of recordation, and the Covenant and Environmental Restriction on Property, with proof of submittal, to the CPM, as part of the compliance package at least thirty (30) days prior to plant closure or sale of property.	Prior to start of plant closure	30								Not Started
WASTE	12				The project owner shall properly destroy groundwater monitoring wells not in use as required by Alameda County Public Works, the City of Hayward Fire Department, the San Francisco Bay Regional Water Quality Control Board, and the Alameda County Water District.	The project owner shall provide evidence to the CPM that the wells have been destroyed in accordance with Alameda County Public Works, the City of Hayward Fire Department, the San Francisco Bay Regional Water Quality Control Board, and the Alameda County Water District requirements.										Ongoing
WORKER SAFETY AND FIRE PROTECTION																
SAFETY	1				The project owner shall submit to the Compliance Project Manager (CPM) a copy of the project Construction Safety and Health Program.	At least thirty (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 Injury and Illness Prevention Program.	Prior to start of construction	30						7/15/10		Approved
SAFETY	2				The project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety and Health Program.	At least thirty (30) days prior to the start of operation, the project owner shall submit to the CPM a copy of the Project Operations and Maintenance Safety & Health Program.	Prior to start of operation	30								Not Started
SAFETY	3a				The project owner shall provide a site Construction Safety Supervisor (CSS) or, if a contractor is hired to oversee the construction of the power plant, ensure that one is provided who, by way of training and/or experience, is knowledgeable of power plant construction activities and relevant laws, ordinances, regulations, and standards, is capable of identifying workplace hazards relating to the construction activities, and has authority to take appropriate action to assure compliance and mitigate hazards.	At least thirty (30) days prior to the start of site mobilization, the project owner shall submit to the CPM the name and contact information for the Construction Safety Supervisor (CSS).	Prior to start of site mobilization	30						6/16/10		Approved
SAFETY	3b			MCR		The CSS shall submit in the Monthly Compliance Report a monthly safety inspection report the noted items.										Ongoing
SAFETY	4				The project owner shall make payments to the Chief Building Official (CBO) for the services of a Safety Monitor based upon a reasonable fee schedule to be negotiated between the project owner and the CBO.	Prior to the start of construction, the project owner shall provide proof of its agreement to fund the Safety Monitor services to the CPM for review and approval.	Prior to start of construction							7/16/10		Approved

RUSSELL CITY ENERGY CENTER COMPLIANCE MATRIX

CONDITION	NO.	Sort Code	CBO	PERIODIC REPORTS	Description of Project Owner Responsibilities (Conditions of Certification)	Verification/Action/Submittal Required by Project Owner	Timeframe	Days	Date Due to CEC CPM	Lead Respons. Party	Lead Person	Internal Start Date	Targeted Internal Finish Date	Date sent to CEC, CBO or agency	CITS Log Number	CEC Status
SAFETY	5				The project owner shall ensure that a portable automatic cardiac defibrillator is located on site during construction and operations and shall implement a program to ensure that the recommended number of workers are properly trained in its use and that the equipment is properly maintained and functioning at all times, as per the manufacturer's instructions.	At least thirty (30) days prior to the start of site mobilization the project owner shall submit to the CPM proof that a portable automatic cardiac defibrillator exists on site and a copy of the training and maintenance program for review and approval.	Prior to start of site mobilization	30						7/16/10		Approved

Start of geoarch work
Start of site mobilization, clearing and grubbing
Install equipment foundations
Start underground piping
Start of electrical construction
Erect water treatment building
Install circ water pumps
Erect cooling tower
Erect HRSG
Install transmission line
Install Field Erected Tanks
Start of Commissioning
Complete Construction
Start Steam Blows
Performance Testing Begins
CTG First Fire
Complete Performance Testing
Plant Commercial Operation