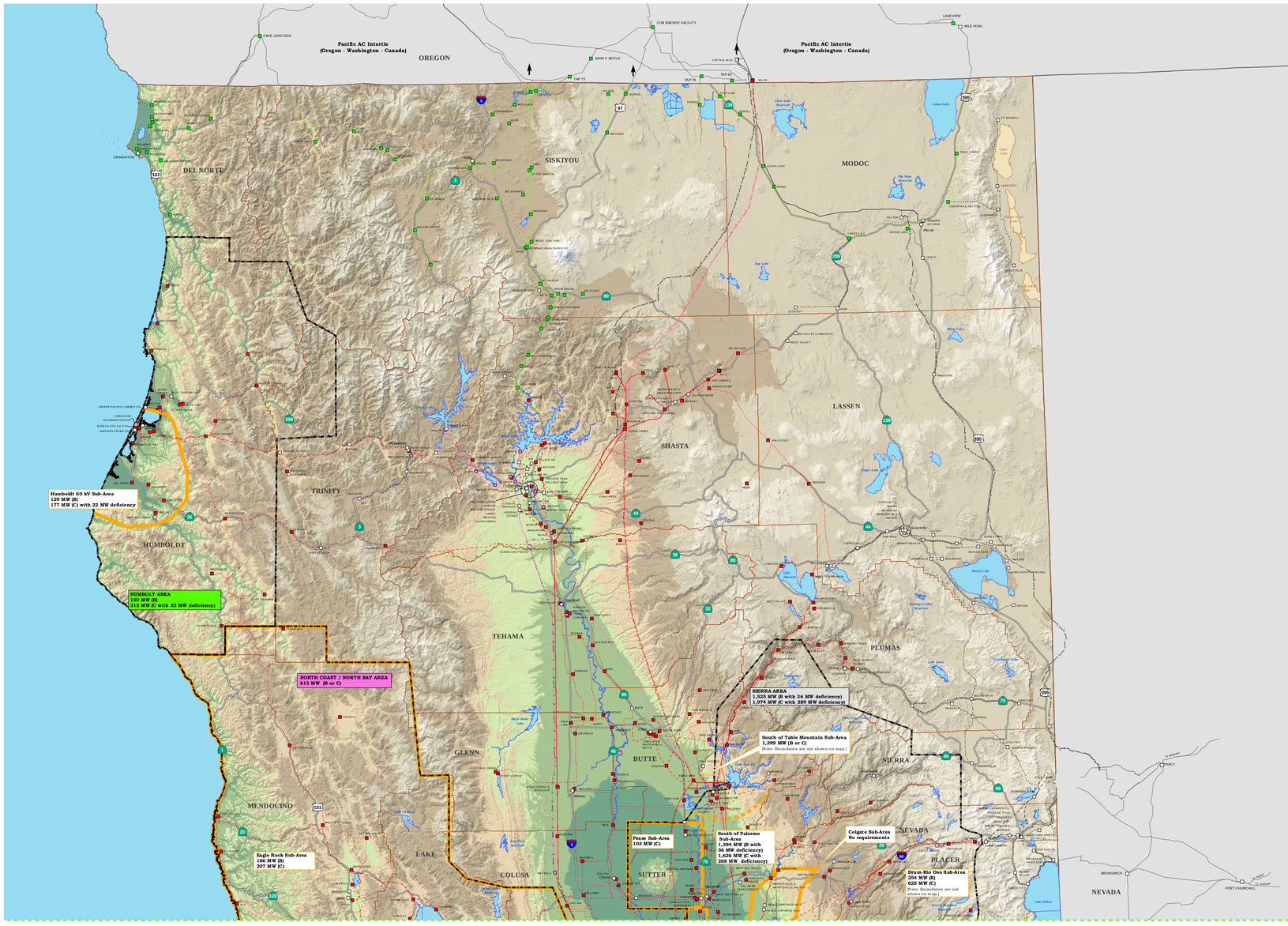

Local Reliability Areas For 2012

Legend

Substation Owners

- Imperial Irrigation District (IID)
- Los Angeles Department of Water & Power (LADWP)
- Pacificorp
- Pacific Gas & Electric (PG&E)
- Southern California Edison (SCE)
- San Diego Gas & Electric (SDG&E)
- Sacramento Municipal Utility District (SMUD)
- Western Area Power Administration (WAPA)
- Other Owners (See Table below)

Features

- County Line
- City
- Major Road
- Water Body
- Dry lake

Transmission Lines (Colorized according to Utility Ownership)

- 33 - 92KV
- 110 - 161KV
- 220 - 287KV
- 345 - 500KV
- 500KV - DC

NORTH COAST/ NORTH BAY AREA 613 MW (B or C) — Local Capacity needed to meet NERC reliabilty criteria

LOCAL RELIABILITY AREAS

LA BASIN AREA	BIG CREEK VENTURA AREA
NORTH COAST AREA	GREATER BAY AREA
SAN DIEGO AREA	GREATER FRESNO AREA
SIERRA AREA	HUMBOLDT AREA
STOCKTON AREA	KERN AREA

Local Reliability Sub-Areas

Local Reliability Sub-Areas

Reliability Data is from the California Independent System Operator's " 2012 Local Capacity Technical Analysis: Final Report and Study Results" April 29, 2011

CALIFORNIA ENERGY COMMISSION
ELECTRICITY SUPPLY ANALYSIS DIVISION
CARTOGRAPHY UNIT
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To inquire about ordering this map or information on other types of maps call the map line at (916) 654-4182 or e-mail: JULIBRAE@ENERGY.STATE.CA.US

Updates for 2012 Jim Woodward & Terry Rose

*** Other Substation and Transmission Line Owners**

AEWSD	Arvin-Edison Water Storage Distribution	NCPA	Northern California Power Agency
AMP	Alameda Municipal Power	NPUA	Needles Public Utility Authority
BART	Bay Area Rapid Transit District	NV ENERGY	NV Energy
BFP	Burney Forest Power	PACW	PacifiCorp's Western Control Area
BPA	Bonneville Power Administration	PCWA	Placer County Water Agency
BUBB	City of Burbank	PLSR	Plumas - Sierra Rural Electric Corp.
CA RECLAMATION DISTRICT		PORT OF OAKLAND	
CA STATE	State of California	PRIVATE	
CALPINE	Calpine Corporation	REU	Redding Electric Utility
CDWR	California Department of Water Resources	RPU	Riverside Public Utilities
CCSF	City & County of San Francisco	ROSEVILLE	Roseville Electric
COLTON	City of Colton	SJVE	San Joaquin Valley Clean Energy Org.
DCS	City of Dublin	SVP (Silicon Valley Power)	City of Santa Clara
FRESNO	City of Fresno	SFPP	Santa Fe Pacific Pipeline Partners
LOMPOC	City of Lompoc	STANFORD	Leland Stanford, Jr. University
PALO ALTO	City of Palo Alto	SUVE	Surprise Valley Electrification Corporation
ROSEVILLE	City of Roseville	TANC	Transmission Agency of Northern California
SAN JOSE	City of San Jose	TBC	Trans Bay Cable
SHASTA LAKE	City of Shasta Lake	TID	Turlock Irrigation District
EBMUD	East Bay Municipal Utility District	TPUD	Truckee Donner Public Utility District
ECCID	East Contra Costa Irrigation District	UCB	University California of Berkeley
FED	Federal Facilities	UCD	University California of Davis
GWP	City of Glendale Water & Power	UNKNOWN	
IPA	Intermountain Power Agency	USBR	U.S. Bureau of Reclamation
ISLAND ENERGY	City of Pittsburg	WALC	Western Area Lower Colorado (WAPA)
LIBERTY ENERGY			
LMUD	Lassen Municipal Utility District		
MEID	Merced Irrigation District		
MID	Modesteo Irrigation District		
MWD	Metropolitan Water District of Southern California		