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October 23, 2006

The Honorable Magalie R. Salas  
Secretary  
Federal Energy Regulatory Commission  
888 First Street, NE  
Washington, DC 20426

Re: *California Independent System Operator Corporation,*  
Docket No. ER01-313-004

*Pacific Gas and Electric Company,*  
Docket No. ER01-424-004

*San Diego Gas & Electric Company v.*  
*California Independent System Operator Corporation,*  
Docket No. EL03-131-000

Dear Secretary Salas:

In accordance with Opinion No. 463-B, the Commission's Order Denying Rehearing and Affirming in Part and Reversing in Part Initial Decision dated November 7, 2005, in the above-captioned dockets,<sup>1</sup> the California Independent System Operator Corporation ("ISO") submits this compliance filing. These consolidated dockets concern the Grid Management Charges ("GMC") collected by the ISO during the period January 1, 2001 through December 31, 2003 (the "Adjustment Period").

In Opinion No. 463-B, the Commission directed the ISO to submit a correct list of generators that were incorporated into the base cases used by the ISO for transmission planning and operations between 2001 and 2003. In Opinion No. 463, the Commission generally approved the ISO's unbundled GMC.<sup>2</sup> In doing so, however, the Commission

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<sup>1</sup> *Calif. Indep. Sys. Operator Corp.*, 113 FERC ¶ 61,135 (2005) ("Second Rehearing Order").

<sup>2</sup> *Calif. Indep. Sys. Operator Corp.*, 103 FERC ¶ 61,114 (2003).

directed that the control area service (“CAS”) charge be allocated on the basis of control area gross load (“CAGL”) with an exemption for load served by certain behind-the-meter generation. In the Order on Rehearing in the proceeding, the Commission redefined the exemption so that load served by unmodeled behind-the-meter generation would be exempt from the CAS charge.<sup>3</sup>

Exempting loads associated with unmodeled generator loads has two effects on the CAS charge during the Adjustment Period.<sup>4</sup> First, Scheduling Coordinators whose CAS obligation was based in part on unmodeled generator loads are due refunds for a portion of the CAS charges they paid. Second, the elimination of the unmodeled generator loads from the denominator used to calculate the CAS rate increases that rate and thereby increases the CAS charge payable by Scheduling Coordinators with respect to all other control area gross load.

To implement the First Rehearing Order, the ISO identified all of the generators that were modeled and incorporated into the base cases that the ISO used for transmission planning and operations. Based on that and other information, the ISO calculated the amount of “behind-the-meter” standby load assessed CAS monthly for the years 2001-2003. With the IOUs’ assistance, the ISO then calculated the portion of the total behind-the-meter standby generator load that was associated with generators not modeled by the ISO in its planning and operation, and calculated the revised CAS charge for the 2001-2003 time period. The ISO then submitted the revised rates to the Commission in a November 15, 2004 compliance filing.<sup>5</sup>

The next day, the Commission deferred action on the requests for rehearing of the First Rehearing Order pending the compilation of a more detailed record regarding this issue, and established a limited hearing to compile such a record,<sup>6</sup> in response to which the ISO withdrew its compliance filing. A hearing was held, and the Initial Decision affirmed the exemption of behind-the-meter-load from CAGL,<sup>7</sup> as did the Commission’s Second Rehearing Order. That Second Rehearing Order, however, concluded that the list of generators that the ISO used to calculate the exemption of behind-the-meter generation might be inaccurate, and directed “the ISO, in cooperation with the Participating Transmission Owners, to correct the deficiencies of [the list of generators] and make a compliance filing reflecting the total universe of modeled generation for the locked-in

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<sup>3</sup> *Calif. Indep. Sys. Operator Corp.*, 106 FERC ¶ 61,032 (2004) (“First Rehearing Order”).

<sup>4</sup> The CAS is the only one of the three unbundled GMC charges in effect during this period that was paid on the basis of Scheduling Coordinators’ CAGL. Accordingly, compliance with the Commission’s directive affects only the CAS charges collected during the Adjustment Period.

<sup>5</sup> Compliance Filing filed by California Independent System Operator Corp., Docket Nos. ER01-313 & ER01-424 & EL03-131 (November 15, 2004).

<sup>6</sup> *Calif. Indep. Sys. Operator Corp.*, 109 FERC ¶ 61,162 (2004).

<sup>7</sup> *Calif. Indep. Sys. Operator Corp.*, 111 FERC ¶ 63,008 (2005).

period.”<sup>8</sup> The Commission directed that the compliance filing be made within thirty days of the issuance of a final order in this proceeding,<sup>9</sup> which occurred on September 7, 2006.<sup>10</sup>

Last month, the ISO prepared a revised list of the generators that were incorporated into the base case scenarios used for transmission planning and operations between 2001 and 2003 and submitted them to the IOUs for review to ensure their accuracy. On October 10, 2006, the ISO submitted to the Commission a compliance filing reporting that it had not received confirmation regarding the accuracy of the list from Southern California Edison or San Diego Gas & Electric. On October 19, 2006, the ISO received confirmation from San Diego Gas & Electric, the last of the three IOUs to confirm the accuracy of the portions of the list submitted to them.

The ISO has attached to this filing a list that it assembled (the accuracy of which was confirmed by Pacific Gas and Electric, Southern California Edison and San Diego Gas & Electric) of generators that were modeled and incorporated into the base cases that the ISO used for transmission planning and operations.

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<sup>8</sup> *Second Rehearing Order* at P 81.

<sup>9</sup> *Id.* at Ordering Paragraph (C).

<sup>10</sup> *Calif. Indep. Sys. Operator Corp.*, 116 FERC ¶ 61,224.


The Honorable Magalie R. Salas

October 23, 2006

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One original and five copies of this compliance report are enclosed for the Commission's use. Two additional copies have been included to be date/time stamped and returned to our messenger. Thank you for your assistance with this matter.

Sincerely,



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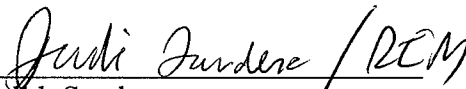
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Counsel to the California Independent  
System Operator Corporation

### Certificate of Service

I hereby certify that I have this day served a copy of this document upon all parties listed on the official service list compiled by the Secretary in the above-captioned proceedings, in accordance with the requirements of Rule 2010 of the Commission's Rules of Practice and Procedure (18 C.F.R. § 385.2010).

Dated this 23<sup>rd</sup> day of October in the year 2006 at Folsom in the State of California.

  
\_\_\_\_\_  
Judith Sanders  
(916) 608-7143

# **Attachment A**

**List of Generators That Were Incorporated  
Into the Base Case Scenarios Used for  
Transmission Planning and Operations  
Between 2001 and 2003**



## Revised ISO-55

Utility Name	bus	name	bkv	id	long id	pgen
PG&E	33160	DOW CHEM	13.8	3		19.77
PG&E	33160	DOW CHEM	13.8	2		19.77
PG&E	33145	CROWN.Z.	13.8	2		5.4
PG&E	35860	OLS-AGNE	9.11	3		9.86
PG&E	35860	OLS-AGNE	9.11	2		9.86
PG&E	33463	CARDINAL	12.47	2		20.5
PG&E	34608	AGRICO	13.8	4		0
PG&E	34608	AGRICO	13.8	3		0
PG&E	31726	ELKCREEK	60	SG		0
PG&E	34316	ONEILPMP	4.16	6		0
PG&E	34316	ONEILPMP	4.16	5		0
PG&E	34316	ONEILPMP	4.16	4		0
PG&E	34316	ONEILPMP	4.16	3		0
PG&E	34316	ONEILPMP	4.16	2		0
PG&E	30631	NEWARK E	230	1		0
PG&E	32001	WOLFSKIL	13.8	1		0
PG&E	35663	LECEFGT4	13.8	4		50
PG&E	35662	LECEFGT3	13.8	3		50
PG&E	35661	LECEFGT2	13.8	2		50
PG&E	35660	LECEFGT1	13.8	1		50
PG&E	32175	CREEDGT1	13.8	3		46.32
PG&E	32174	GOOSEHGT	13.8	2		46.32
PG&E	32173	LAMBGT1	13.8	1		46.32
PG&E	38357	WOODMID2	13.8	2		4
PG&E	33178	RIVERVG1	13.8	1		45
PG&E	34773	FELLOWSG	21	3		0
PG&E	34773	FELLOWSG	21	2		0
PG&E	32205	FREC	13.8	1		0
PG&E	32980	STATIN-L	12	EB		0
PG&E	31874	SPI-BURN	9.11	SM		3
PG&E	35851	GLRYCGS2	13.8	2		40
PG&E	34773	FELLOWSG	21	1		0
PG&E	35079	SUNRSE3S	18	1		0
PG&E	33807	GWFTRCY2	13.8	1		85.9
PG&E	33805	GWFTRCY1	13.8	1		85.9
PG&E	32150	DG_VADIX	13.8	1		49
PG&E	32172	HIGHWNDS	34.5	1		150
PG&E	32513	WISE2	2.3	2		0
PG&E	36207	KCTYPKER	13.8	1		48.7
PG&E	32962	GRNFLPKR	13.8	1		48.7
PG&E	37958	RDGCT4	13.8	1		45
PG&E	34608	AGRICO	13.8	2		0
PG&E	34301	CHOWCOGN	13.8	1		50
PG&E	31621	NEO RBLF	13.8	1		40
PG&E	36209	SLD ENRG	12.47	1		13.4
PG&E	35034	MIDSUN +	13.8	1		22



## Revised ISO-55

Utility Name	bus	name	bkv	id	long id	pgen
PG&E	36226	DUKMOSS6	18	1		190
PG&E	36225	DUKMOSS5	18	1		170
PG&E	36224	DUKMOSS4	18	1		170
PG&E	36223	DUKMOSS3	18	1		190
PG&E	36222	DUKMOSS2	18	1		170
PG&E	36221	DUKMOSS1	18	1		170
PG&E	33110	DEC CTG3	18	1		200
PG&E	33109	DEC CTG2	18	1		200
PG&E	33108	DEC CTG1	18	1		200
PG&E	33107	DEC STG1	24	1		280
PG&E	33113	LMECST1	18	1		200
PG&E	33112	LMECCT1	18	1		180
PG&E	33111	LMECCT2	18	1		180
PG&E	31451	WHEELBR2	12.47	1		4
PG&E	38365	N.HGN DM	4	2		1.1
PG&E	38365	N.HGN DM	4	1		2.2
PG&E	37523	SUTTER3	18	3		167
PG&E	37522	SUTTER2	18	2		167
PG&E	37521	SUTTER1	18	1		167
PG&E	35637	IBM-CTLE	115	1		0
PG&E	31404	WEST FOR	13.8	2		12
PG&E	35075	TEXSUN2G	18	1		169
PG&E	35074	TEXSUN1G	18	1		169
PG&E	35073	LAPLM_G4	21	1		277.5
PG&E	35072	LAPLM_G3	21	1		277.5
PG&E	35071	LAPLM_G2	21	1		277.5
PG&E	35070	LAPLM_G1	21	1		277.5
PG&E	33918	FBERBORD	9.11	1		3.2
PG&E	33773	ALTA-CGE	60	1		4.03
PG&E	31471	SPI_AND1	9.1	1		4.3
PG&E	31465	WHEELBR1	9.1	1		49.75
PG&E	34340	CRANEVLY	9.11	1		0.9
PG&E	38117	ROSEVCT2	13.8	1		22
PG&E	38119	ALMDACT2	13.8	1		22.6
PG&E	32903	OAKLND 3	13.8	3		0
PG&E	32902	OAKLND 2	13.8	2		42.7
PG&E	32901	OAKLND 1	13.8	1		42.7
PG&E	31430	SMUDGE01	13.8	1		33
PG&E	35907	PAUL SWT	115	SC		0
PG&E	32922	CHEVGEN2	13.8	1		54
PG&E	32921	CHEVGEN1	13.8	1		54
PG&E	31160	HMBLT TT	12	1		0
PG&E	36940	SPI1	60	1		10.47
PG&E	32512	WISE1	2.3	1		0
PG&E	33460	SMATO2SC	13.2	1		0
PG&E	33461	SMATO3SC	13.2	1		0





## Revised ISO-55

Utility Name	bus	name	bkv	id	long id	pgen
PG&E	33462	SMATO1SC	13.2	1		0
PG&E	32900	CRCKTCOG	18	1		240
PG&E	33134	GWF #4	13.8	1		18.58
PG&E	33141	SHELL 1	12.47	1		20
PG&E	33122	MRAGA 2T	13.2	1		0
PG&E	33123	MRAGA 3T	13.2	1		0
PG&E	33143	SHELL 3	12.47	3		40
PG&E	33121	MRAGA 1T	13.2	1		0
PG&E	33142	SHELL 2	12.47	2		40
PG&E	38029	PALTOLND	60	1		1.02
PG&E	36205	CIC COGN	12.47	1		28
PG&E	36200	SARGCN G	13.8	1		33.73
PG&E	36201	SALNR GN	13.8	1		32.15
PG&E	33804	BELLTA T	13.8	1		0
PG&E	34618	MCCALL1T	13.2	1		0
PG&E	34621	MCCALL3T	13.2	3		0
PG&E	34632	HERNDN2T	13.2	1		0
PG&E	34630	HERNDN1T	13.2	1		0
PG&E	31400	SANTAFE	13.8	1		32.1
PG&E	31402	BEAR CAN	13.8	1		9.8
PG&E	31402	BEAR CAN	13.8	2		9.8
PG&E	31404	WEST FOR	13.8	1		12.1
PG&E	31764	MALCHA	13.8	1		12.54
PG&E	31798	BRNYFRST	13.2	1		26.56
PG&E	31800	SMPSN-AN	12.47	1		42
PG&E	33132	GWF #2	13.8	1		12.33
PG&E	32910	UNOCAL	12	1		15.7
PG&E	32910	UNOCAL	12	2		15.7
PG&E	32910	UNOCAL	12	3		15.7
PG&E	35850	GLRYCGG1	13.8	1		82
PG&E	34050	CH.STN.	13.8	1		10.02
PG&E	33816	I.ENERGY	12	1		14.5
PG&E	33818	COG.NTNL	12	1		35
PG&E	34054	MDSTO CN	13.8	1		4.45
PG&E	34056	STNSLSRP	13.8	1		16.27
PG&E	33806	TH.E.DV.	13.8	1		19.65
PG&E	33808	SJ COGEN	13.8	1		45.24
PG&E	33814	CPC STCN	12.47	1		49
PG&E	33810	SP CMPNY	13.8	1		37.7
PG&E	35004	SUNSETG1	13.8	1		75
PG&E	31902	HAT CRK1	6.6	1		8
PG&E	31904	HAT CRK2	6.6	1		6.5
PG&E	31818	PIT 1 U1	11	1		30
PG&E	31818	PIT 1 U1	11	2		11.25
PG&E	31802	PIT 3	11.5	1		23
PG&E	31802	PIT 3	11.5	2		18



## Revised ISO-55

Utility Name	bus	name	bkv	id	long id	pgen
PG&E	31802	PIT 3	11.5	3		23
PG&E	31766	PIT 4	13.8	1		47
PG&E	31766	PIT 4	13.8	2		32
PG&E	31804	PIT 5 U1	11.5	1		38
PG&E	31804	PIT 5 U1	11.5	2		28.5
PG&E	31806	PIT 5 U2	11.5	1		37
PG&E	31806	PIT 5 U2	11.5	2		28.5
PG&E	31768	JBBLACK1	13.8	1		80
PG&E	31770	JBBLACK2	13.8	1		37
PG&E	31772	PIT 6 U1	13.8	1		39.5
PG&E	31774	PIT 6 U2	13.8	1		18.5
PG&E	31776	PIT 7 U1	13.8	1		55.5
PG&E	31778	PIT 7 U2	13.8	1		29.5
PG&E	31908	INSKIP	4.16	1		6.9
PG&E	31906	COLEMAN	6.6	1		8.73
PG&E	31898	DE SABLA	6.9	1		14.48
PG&E	31780	BUTTVLLY	13.8	1		39
PG&E	31808	CRBOU2-3	11.5	1		0
PG&E	31808	CRBOU2-3	11.5	2		0
PG&E	31810	CRBU 1	11.5	1		0
PG&E	31810	CRBU 1	11.5	OF		0
PG&E	31782	CRBU 4-5	13.8	1		59.25
PG&E	31782	CRBU 4-5	13.8	2		59.25
PG&E	31784	BELDEN	13.8	1		65
PG&E	31786	ROCK CK1	13.8	1		54.25
PG&E	31788	ROCK CK2	13.8	1		34.25
PG&E	31820	BCKS CRK	11	1		29
PG&E	31820	BCKS CRK	11	2		16
PG&E	31812	CRESTA	11.5	1		34
PG&E	31812	CRESTA	11.5	2		21
PG&E	31790	POE 1	13.8	1		59
PG&E	31792	POE 2	13.8	1		34
PG&E	38700	THERMLT1	13.8	1		25
PG&E	38705	THERMLT2	13.8	1		25
PG&E	38710	THERMLT3	13.8	1		25
PG&E	38715	THERMLT4	13.8	1		25
PG&E	38825	HYATT 1	12.5	1		85
PG&E	38830	HYATT 2	12.5	1		85
PG&E	38835	HYATT 3	12.5	1		85
PG&E	38840	HYATT 4	12.5	1		105
PG&E	38845	HYATT 5	12.5	1		106
PG&E	38850	HYATT 6	12.5	1		105
PG&E	38720	PINE FLT	13.8	1		55
PG&E	38720	PINE FLT	13.8	2		55
PG&E	38720	PINE FLT	13.8	3		0
PG&E	31794	WOODLEAF	13.8	1		54.41



## Revised ISO-55

Utility Name	bus	name	bkv	id	long id	pgen
PG&E	31814	FORBSTWN	11.5	1		30
PG&E	32450	COLGATE1	13.8	1		146.1
PG&E	32452	COLGATE2	13.8	1		106.5
PG&E	32504	DRUM 1-2	6.6	1		13.2
PG&E	32504	DRUM 1-2	6.6	2		13.2
PG&E	32506	DRUM 3-4	6.6	1		13.2
PG&E	32506	DRUM 3-4	6.6	2		13.2
PG&E	32454	DRUM 5	13.8	1		42.5
PG&E	32464	DTCHFLT1	11	1		22
PG&E	32460	NEWCASTLE	13.2	1		0
PG&E	32502	DTCHFLT2	6.9	1		22
PG&E	32462	CHI.PARK	11.5	1		37.88
PG&E	32508	FRNCH MD	4.16	1		16.4
PG&E	32456	MIDLFORK	13.8	1		64.5
PG&E	32456	MIDLFORK	13.8	2		64.5
PG&E	32458	RALSTON	13.8	1		83
PG&E	33800	SALT SPS	11	1		10.18
PG&E	33800	SALT SPS	11	2		32
PG&E	38122	NEWSPICE	4.16	1		1.6
PG&E	38122	NEWSPICE	4.16	2		1.6
PG&E	38122	NEWSPICE	4.16	3		0.5
PG&E	33822	TIGR CRK	11	1		27
PG&E	33822	TIGR CRK	11	2		27
PG&E	33820	WEST PNT	11.5	1		15
PG&E	33812	ELECTRA	13.8	1		29
PG&E	33812	ELECTRA	13.8	2		29
PG&E	33812	ELECTRA	13.8	3		29
PG&E	33850	CAMANACHE	4.16	1		3.5
PG&E	33850	CAMANACHE	4.16	2		3.5
PG&E	33850	CAMANACHE	4.16	3		3.5
PG&E	33845	PARDEE 3	7.2	3		0
PG&E	33846	PARDEE 1	7.2	1		8
PG&E	32292	ELDOR U1	7.2	1		0
PG&E	32293	ELDOR U2	7.2	1		0
PG&E	33848	PARDEE 2	7.2	2		0
PG&E	34058	DONNELLS	13.8	1		64.15
PG&E	34074	BEARDSLY	6.9	1		10.58
PG&E	34076	TULLOCH	6.9	1		16.5
PG&E	34060	SANDBAR	13.8	1		14.68
PG&E	34078	SPRNG GP	6.6	1		3.93
PG&E	34062	STANISLS	13.8	1		63.92
PG&E	38102	COLLRVL1	13.8	1		89.35
PG&E	38104	COLLRVL2	13.8	1		89.35
PG&E	36980	KIRKWD 1	13.8	1		37
PG&E	36982	KIRKWD 2	13.8	1		37
PG&E	36984	KIRKWD 3	13.8	1		37



## Revised ISO-55

Utility Name	bus	name	bkv	id	long id	pgen
PG&E	36986	HOLM 1	13.8	1		70
PG&E	36988	HOLM 2	13.8	1		70
PG&E	36990	MCSN CK1	13.8	1		45
PG&E	36992	MCSN CK2	13.8	1		45
PG&E	34306	EXCHQUER	13.8	1		89.95
PG&E	34658	WISHON	2.3	1		0
PG&E	34658	WISHON	2.3	2		0
PG&E	34658	WISHON	2.3	3		4.5
PG&E	34658	WISHON	2.3	4		4.5
PG&E	34343	KERCK1G1	6.6	1		0
PG&E	34344	KERCK1G2	6.6	2		6.78
PG&E	34345	KERCK1G3	6.6	3		0
PG&E	34308	KERCKHOF	13.8	1		128
PG&E	34600	HELMS 1	18	1		350
PG&E	34602	HELMS 2	18	1		350
PG&E	34604	HELMS 3	18	1		200
PG&E	34610	HAAS	13.8	1		70
PG&E	34610	HAAS	13.8	2		70
PG&E	34624	BALCH 1	13.2	1		27
PG&E	34612	BLCH 2-2	13.8	1		50
PG&E	34614	BLCH 2-3	13.8	1		50
PG&E	34616	KINGSRIV	13.8	1		47
PG&E	31170	HMBOLDT1	13.8	1		50
PG&E	31172	HMBOLDT2	13.8	1		50
PG&E	33114	C.COS 4	13.8	1		0
PG&E	33115	C.COS 5	13.8	1		0
PG&E	33116	C.COS 6	18	1		329.05
PG&E	33117	C.COS 7	18	1		339.27
PG&E	33105	PTSB 5	18	1		325
PG&E	33106	PTSB 6	18	1		325
PG&E	30000	PTS7SWG	20	1		680
PG&E	33252	POTRERO3	20	1		206.51
PG&E	33271	HNTRS P1	12	1		44
PG&E	33268	HNTRS P2	13.8	1		0
PG&E	33269	HNTRS P3	13.8	1		0
PG&E	33270	HNTRS P4	18	1		170
PG&E	36405	MOSSLND6	22	1		725
PG&E	36406	MOSSLND7	22	1		725
PG&E	36407	MORRO 1	18	1		157.3
PG&E	36408	MORRO 2	18	1		157.33
PG&E	36409	MORRO 3	18	1		336.88
PG&E	36410	MORRO 4	18	1		-2.08
PG&E	36411	DIABLO 1	25	1		1133.2
PG&E	36412	DIABLO 2	25	1		1135.15
PG&E	31406	GEYSR5-6	13.8	1		39
PG&E	31406	GEYSR5-6	13.8	2		39



## Revised ISO-55

Utility Name	bus	name	bkv	id	long id	pgen
PG&E	31408	GEYSER78	13.8	1		39
PG&E	31408	GEYSER78	13.8	2		32
PG&E	31412	GEYSER11	13.8	1		60
PG&E	31414	GEYSER12	13.8	1		31
PG&E	31416	GEYSER13	13.8	1		68
PG&E	31418	GEYSER14	13.8	1		54
PG&E	31420	GEYSER16	13.8	1		64
PG&E	31422	GEYSER17	13.8	1		36
PG&E	31424	GEYSER18	13.8	1		56
PG&E	31426	GEYSER20	13.8	1		52
PG&E	38106	NCPA1GY1	13.8	1		35
PG&E	38108	NCPA1GY2	13.8	1		35
PG&E	38110	NCPA2GY1	13.8	1		36
PG&E	38112	NCPA2GY2	13.8	1		36
PG&E	33253	POTRERO4	13.8	1		42.9
PG&E	33254	POTRERO5	13.8	1		42.9
PG&E	33255	POTRERO6	13.8	1		42.9
PG&E	31156	ULTRAPWR	12.47	1		10
PG&E	31158	LP SAMOA	12.47	1		10
PG&E	31150	FAIRHAVN	13.8	1		15.9
PG&E	31152	PAC.LUMB	13.8	1		20
PG&E	38730	SANLUIS1	13.8	1		20
PG&E	38730	SANLUIS1	13.8	2		20
PG&E	38735	SANLUIS2	13.8	1		20
PG&E	38735	SANLUIS2	13.8	2		20
PG&E	38740	SANLUIS3	13.8	1		0
PG&E	38740	SANLUIS3	13.8	2		0
PG&E	38745	SANLUIS4	13.8	1		0
PG&E	38745	SANLUIS4	13.8	2		0
PG&E	36854	CSC COG.	13.8	1		5.5
PG&E	38116	ROSEVCT1	13.8	1		22
PG&E	38118	ALMDACT1	13.8	1		22.6
PG&E	34316	ONEILPMP	4.16	1		-3.9
PG&E	31824	VOLTA 1	9.11	1		7.77
PG&E	31825	VOLTA 2	12	2		0.89
PG&E	31826	SOUTH G	9.11	1		6.91
PG&E	31828	KILRC1-2	2.3	1		2
PG&E	31830	HAMIL.BR	2.4	1		4
PG&E	31832	SLYCREEK	6.6	1		12.8
PG&E	31834	KELLYRDG	4.16	1		10
PG&E	31836	TOAD TWN	9.11	1		0.9
PG&E	31838	CNTRVL12	2.3	1		4
PG&E	34871	WELLPORT	9.11	2		3.3
PG&E	31840	BLCKBUTT	9.11	1		2.23
PG&E	31433	POTTRVLY	9.11	1		3.2
PG&E	32700	MONTICLO	9.11	1		4.65



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Utility Name	bus	name	bkv	id	long id	pgen
PG&E	32700	MONTICLO	9.11	2		4.65
PG&E	32700	MONTICLO	9.11	3		0
PG&E	32466	NARROWS1	11	1		6
PG&E	32468	NARROWS2	13.8	1		52
PG&E	32470	CMP.FARW	4.16	1		4.6
PG&E	32472	SPAUL1-2	2.3	1		7
PG&E	32472	SPAUL1-2	2.3	2		4.16
PG&E	32473	SPAULD 3	9.11	3		1.7
PG&E	32474	DEER CRK	9.11	1		3.07
PG&E	32476	ROLLINSF	6.6	1		12
PG&E	32478	HALSEY F	6.6	1		8.57
PG&E	32480	BOWMAN	4	1		2.46
PG&E	32510	CHILIBAR	12	1		5.5
PG&E	32511	ROCK CRK	12	1		1.8
PG&E	32484	OXBOW F	9.11	1		5.4
PG&E	32486	HELLHOLE	9.11	1		0
PG&E	34320	MCSWAIN	9.11	1		6.8
PG&E	34322	MERCEDFL	12	1		2.91
PG&E	34139	CRESSY12	12	1		3
PG&E	34451	SJ1GEN	2.3	SJ		0
PG&E	34631	SJ2GEN	9.11	1		2.05
PG&E	34633	SJ3GEN	9.11	1		1
PG&E	35018	KERNCNYN	9.11	1		10.6
PG&E	38120	LODI25CT	13.8	1		10
PG&E	31900	GRIZZLYG	6.9	1		16.81
PG&E	36860	CSCGNRA1	13.8	1		19.5
PG&E	36859	CSCGNRA2	13.8	2		19.5
PG&E	38114	STIG CC	13.8	1		48.16
PG&E	31435	GEO.ENGY	9.11	1		8.92
PG&E	31435	GEO.ENGY	9.11	2		8.93
PG&E	36906	WIN-AMED	60	1		1
PG&E	36906	WIN-AMED	60	2		2
PG&E	31846	COVE_RD	9.11	1		0
PG&E	31846	COVE_RD	9.11	2		2.47
PG&E	31846	COVE_RD	9.11	3		0
PG&E	31846	COVE_RD	9.11	4		0
PG&E	31162	LOW GAP	9.11	1		0.2
PG&E	31164	BLUFORD	9.11	1		0.27
PG&E	31166	KEKAWAK	9.11	1		0
PG&E	31436	INDIAN V	9.11	1		0.88
PG&E	31168	WEA BAKR	12	1		0
PG&E	31554	GROUSCRK	60	1		0
PG&E	31563	LEWISTON	12	1		0
PG&E	31855	OLSEN	60	1		0
PG&E	31590	CEDR CRK	60	1		1
PG&E	31858	BAILEY+2	12	1		0



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Utility Name	bus	name	bkv	id	long id	pgen
PG&E	31862	DEADWOOD	9.11	1		0
PG&E	31475	KANAKA	115	1		0
PG&E	31868	HATLOST+	9.11	1		0
PG&E	31868	HATLOST+	9.11	2		0
PG&E	31868	HATLOST+	9.11	3		0
PG&E	31870	FORKBUTT	9.11	1		0
PG&E	32488	HAYPRES+	9.11	1		0
PG&E	32488	HAYPRES+	9.11	2		1.9
PG&E	31591	COWCREEK	2.4	1		0.7
PG&E	33901	PHOENIX	17	1		0.7
PG&E	32375	BONNIE N	12	AL		0.7
PG&E	33505	MURPHYS	17	AN		0.7
PG&E	31705	CLARK RD	17	LS		2
PG&E	31705	CLARK RD	17	CC		0.9
PG&E	33505	MURPHYS	17	MU		0.7
PG&E	31587	BEAR CRK	2.4	1		5
PG&E	31872	CLOVER	9.11	1		0.8
PG&E	34636	FRIANTDM	9.11	1		22.54
PG&E	35020	RIOBRAVO	9.11	1		8.26
PG&E	31874	SPI-BURN	9.11	1		15.8
PG&E	31876	BIG VLLY	9.11	1		3.88
PG&E	31880	SPI-HAYF	9.11	1		6.8
PG&E	31884	PAC.ENGY	9.11	1		9.8
PG&E	32490	GRNLEAF1	9.11	1		41
PG&E	32492	GRNLEAF2	9.11	1		47
PG&E	32494	YUBA CTY	13.8	1		41.31
PG&E	32154	WADHAM	9.11	1		22.84
PG&E	31888	OROENGY	9.11	1		8.5
PG&E	31890	PO POWER	9.11	1		18
PG&E	36908	JELD-WEN	60	1		1
PG&E	31892	PE.WWOOD	12	1		10.5
PG&E	36910	HONEYLAK	60	1		22.06
PG&E	31894	COLLINS	9.11	1		8.3
PG&E	31896	SPI-QUCY	9.11	1		19
PG&E	32156	WOODLAND	9.11	1		25
PG&E	32498	SPILINCF	12	1		4.65
PG&E	32500	ULTR RCK	9.11	1		22.12
PG&E	33826	MARTELL	9.11	1		11
PG&E	33830	GEN.MILL	9.11	1		2.5
PG&E	31446	SONMA LF	9.11	1		4
PG&E	33151	FOSTER W	12.47	1		45.4
PG&E	33151	FOSTER W	12.47	2		45.4
PG&E	33151	FOSTER W	12.47	3		35
PG&E	33466	UNTED CO	9.11	1		28.22
PG&E	33468	SRI INTL	9.11	1		4.28
PG&E	32738	OLS	12	1		26



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Utility Name	bus	name	bkv	id	long id	pgen
PG&E	33160	DOW CHEM	13.8	1		19.77
PG&E	33133	GWF #3	13.8	1		19.03
PG&E	33145	CROWN.Z.	13.8	1		40
PG&E	32920	UNION CH	9.11	1		20.37
PG&E	33139	STAUFER	4.16	1		1.95
PG&E	33131	GWF #1	9.11	1		12.74
PG&E	33135	GWF #5	13.8	1		18.94
PG&E	35860	OLS-AGNE	9.11	1		9.86
PG&E	36856	CSC_CCA	13.8	1		23.75
PG&E	35863	CATALYST	12	1		2.25
PG&E	34332	JRWCOGEN	9.11	1		3.77
PG&E	34334	BIO PWR	9.11	1		21.88
PG&E	33463	CARDINAL	12.47	1		20.5
PG&E	36416	ST MARIA	9.11	1		8
PG&E	34640	ULTR.PWR	9.11	1		14.46
PG&E	34642	KINGSBUR	9.11	1		34
PG&E	34646	SANGERCO	9.11	1		37.5
PG&E	34648	DINUBA E	13.8	1		11.5
PG&E	34650	GWF-PWR.	9.11	1		23
PG&E	34653	DERRICK	70	1		10
PG&E	34653	DERRICK	70	2		7.97
PG&E	34654	COLNGAGN	9.11	1		34.21
PG&E	35024	DEXEL +	9.11	1		28.57
PG&E	35026	KERNFRNT	13.8	1		47.65
PG&E	34733	DOUBLE C	13.8	1		46.28
PG&E	34723	HISIERRA	13.8	1		47.94
PG&E	34727	BADGERCK	13.8	1		42.52
PG&E	35028	OILDALE	9.11	1		33
PG&E	35032	CHV-CYMR	9.11	1		19.43
PG&E	34783	TEXCO_NM	9.11	1		5.38
PG&E	34785	TEX MCKT	9.11	1		2.7
PG&E	35036	MT POSO	13.8	1		50
PG&E	34787	UNIVRSTY	12.47	1		33.77
PG&E	35038	CHALKCLF	13.8	1		43.6
PG&E	35040	KERNRDGE	9.11	1		60
PG&E	35044	TX MIDST	9.11	1		33.38
PG&E	35046	SHL-KERN	9.11	1		17.75
PG&E	35048	FRITOLAY	12	1		4.28
PG&E	35050	SLR-TANN	6.9	1		14.95
PG&E	35052	CHEV.USA	9.11	1		10
PG&E	35058	PSE-LVOK	9.11	1		43.08
PG&E	35060	PSEMCKIT	9.11	1		43.52
PG&E	35062	DISCOVERY	9.11	1		32.53
PG&E	35064	NAVY 35R	9.11	1		44
PG&E	33136	CCCSD	12.47	1		4.4
PG&E	35066	PSE-BEAR	13.8	1		43.31





## Revised ISO-55

Utility Name	bus	name	bkv	id	long id	pgen
PG&E	32168	USWINDPW	9.11	1		0
PG&E	32168	USWINDPW	9.11	2		3.41
PG&E	30570	USWP-RLF	230	1		4.5
PG&E	30575	WND MSTR	230	1		0
PG&E	33175	ALTAMONT	9.11	1		0
PG&E	33175	ALTAMONT	9.11	2		0
PG&E	33838	USWP #3	9.11	1		0
PG&E	33840	FLOWD3-6	9.11	1		2.38
PG&E	33171	JVE&HOWD	9.11	1		0
PG&E	30655	ADCC	230	1		0
PG&E	35312	SEAWESTF	21	1		0.08
PG&E	35314	WALKER+	9.11	1		0
PG&E	35316	ZOND SYS	9.11	1		0
PG&E	35208	USWP-FRK	60	1		2.64
PG&E	35318	FLOWDPTR	9.11	1		0.03
PG&E	33576	USWP-PAT	115	1		0
PG&E	33578	FAYETTE	115	1		0
PG&E	34342	INT.TURB	9.11	1		1.08
PG&E	37549	FOLSOM1	13.8	1		62
PG&E	37550	FOLSOM2	13.8	2		62
PG&E	37551	FOLSOM3	13.8	3		62
PG&E	37553	J.F.CARR	13.8	1		70
PG&E	37553	J.F.CARR	13.8	2		71
PG&E	37645	NIMBUS12	4.2	1		7
PG&E	37645	NIMBUS12	4.2	2		0
PG&E	37561	MELONE1	13.8	1		166
PG&E	37562	MELONE2	13.8	2		166
PG&E	37575	SHASTA1	13.8	1		110
PG&E	37576	SHASTA2	13.8	2		107
PG&E	37577	SHASTA3	13.8	3		125
PG&E	37578	SHASTA4	13.8	4		125
PG&E	37579	SHASTA5	13.8	5		125
PG&E	37581	SPRINGCR	13.8	1		87
PG&E	37581	SPRINGCR	13.8	2		87
PG&E	37590	TRINTY12	13.8	1		60
PG&E	37590	TRINTY12	13.8	2		59
PG&E	37559	KESWICK1	6.9	1		35
PG&E	37556	KESWICK2	6.9	2		36
PG&E	37557	KESWICK3	6.9	3		0
PG&E	37941	RDGCT 2	13.8	1		0
PG&E	37942	RDGCT 3	13.8	1		30
PG&E	37944	RDGSTAM	13.8	1		0
PG&E	37940	RDGCT 1	13.8	1		0
PG&E	38349	COTTLE	17	F		3.73
PG&E	38550	DONPDRO1	13.8	1		46
PG&E	38552	DONPDRO2	13.8	1		46



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Utility Name	bus	name	bkv	id	long id	pgen
PG&E	38554	DONPDRO4	13.8	1		25
PG&E	38564	ALMONDPP	13.5	1		50
PG&E	38560	LA GRNGE	4.16	1		3.18
PG&E	38562	DAWSON	4.16	1		3.28
PG&E	38350	DONPDRO3	13.8	1		49.88
PG&E	38352	MCCLURE1	13.8	1		0
PG&E	38354	MCCLURE2	13.8	1		0
PG&E	38356	WOODLMID	13.8	1		41.1
PG&E	37301	CAMINO 1	13.8	1		60
PG&E	37302	CAMINO 2	13.8	1		60
PG&E	37304	CAMPBEL2	13.8	1		40
PG&E	37303	CAMPBEL1	13.8	1		85
PG&E	37305	JAYBIRD1	13.8	1		60
PG&E	37306	JAYBIRD2	13.8	1		60
PG&E	37307	JONESFRK	4.16	1		9.5
PG&E	37308	LOON LK	13.8	1		70
PG&E	37309	MCCLELLN	13.8	1		50
PG&E	37310	PROCTER1	13.8	1		41
PG&E	37311	PROCTER2	13.8	1		41
PG&E	37312	PROCTER3	13.8	1		41
PG&E	37313	PROCTER4	13.8	1		39.5
PG&E	37314	ROBBS PK	13.8	1		23
PG&E	37315	SRWTPA	13.8	1		40
PG&E	37315	SRWTPA	13.8	2		11
PG&E	37316	SRWTPB	13.8	1		40
PG&E	37317	UNIONVLY	13.8	1		40
PG&E	37318	WHITERK1	13.8	1		86.12
PG&E	37319	WHITERK2	13.8	1		100
PG&E	37320	UCDMC	12.5	1		27
PG&E	34438	GWF_CT2	13.8	2		48.2
PG&E	34437	GWF_CT1	13.8	1		48.2
PG&E	34179	MADERA_G	13.8	1		28.7
PG&E	34142	WHD_PAN2	13.8	1		49
PG&E	34185	WHD_GAT2	13.8	1		49
PG&E	34539	GWF_GT1	13.8	1		49
PG&E	34541	GWF_GT2	13.8	1		49
PG&E	34186	DG_PAN1	13.8	1		49
PG&E	32963	GROYPKR1	13.8	1		48.7
PG&E	32964	GROYPKR2	13.8	2		48.7
PG&E	32965	GROYPKR3	13.8	3		48.7
PG&E	31154	HUMBOLDT	13.2	1		15
PG&E	31154	HUMBOLDT	13.2	2		15
PG&E	31400	SANTAFE	13.8	2		32.1
PG&E	38556	WALNUT1	13.8	1		0
PG&E	38558	WALNUT2	13.8	1		0
PG&E	30464	EXXON_BH	12.47	1		52



## Revised ISO-55

Utility Name	bus	name	bkv	id	long id	pgen
PG&E	35009	SUNSETG2	13.8	2		75
PG&E	35010	SUNSETG3	13.8	3		75
PG&E	35035	ULTRAOGL	13.8	1		34.47
PG&E	35078	ELKHIL3G	18	1		225.5
PG&E	35077	ELKHIL2G	18	1		166.8
PG&E	35076	ELKHIL1G	18	1		166.8
PG&E	36202	BAF COG1	13.8	1		38
PG&E	36203	BAF COG2	13.8	1		75
SCE	28004	ELLWOOD				56.5
SCE	24222	MANDLY3G				120
SCE	24914	MTNVIEW1				63.8
SCE	24915	MTNVIEW2				62
SCE	24018	BRIGEN				?
SCE	24436	GOLDTOWN				?
SCE	28008	LAKEGEN				?
SCE	24456	BOREL				11
SCE	24211	OLINDA				?
SCE	24491	OAKWIND				?
SCE	24150	ULTRAGEN				38
SCE	24027	COLDGEN				28
SCE	24045	ELSEG1				
SCE	24046	ELSEG2				
SCE	24060	GROWGEN				28
SCE	24169	HUNT5 G				120
SCE	24050	MTNVIST1				134.7
SCE	24051	MTNVIST2				133.9
SCE	28005	PASADNA1				32
SCE	28006	PASADNA2				40
SCE	24905	RVCANAL1				33
SCE	24906	RVCANAL2				33
SCE	24907	RVCANAL3				44
SCE	24908	RVCANAL4				44
SCE	24133	SANTIAGO				0.32
SCE	28008	AGUAMNSA	13.8	1		30
SCE	25653	ALAMO SC	13.8	1		0
SCE	24001	ALAMT1 G	18	1		158
SCE	24002	ALAMT2 G	18	2		158
SCE	24003	ALAMT3 G	18	3		300
SCE	24004	ALAMT4 G	18	4		606.45
SCE	24005	ALAMT5 G	20	5		460
SCE	24161	ALAMT6 G	20	6		460
SCE	24162	ALAMT7 G	16	7		0
SCE	24714	ALTA 1G	13.8	1		60
SCE	24715	ALTA 2G	13.8	2		80
SCE	24719	ALTA30ST	13.8	30		80
SCE	24718	ALTA31GT	13.8	31		50



## Revised ISO-55

Utility Name	bus	name	bkv	id	long id	pgen
SCE	24734	ALTA32GT	13.8	32		50
SCE	24721	ALTA40ST	13.8	40		80
SCE	24720	ALTA41GT	13.8	41		50
SCE	24735	ALTA42GT	13.8	42		50
SCE	25635	ALTWIND	115	1		0
SCE	25203	ANAHEIMG	13.8	1		50
SCE	24009	APPGEN1G	13.8	1		50
SCE	24010	APPGEN2G	13.8	2		50
SCE	24012	APPGEN3G	13.8	3		10
SCE	24457	ARBWIND	66	1		0
SCE	24011	ARCO 1G	13.8	1		400
SCE	24314	B CRK 4	12	41		50
SCE	24314	B CRK 4	12	42		40
SCE	24315	B CRK 8	13.8	81		25
SCE	24315	B CRK 8	13.8	82		35
SCE	24306	B CRK1-1	7.2	1		15
SCE	24306	B CRK1-1	7.2	2		15
SCE	24307	B CRK1-2	13.2	3		15
SCE	24307	B CRK1-2	13.2	4		20
SCE	24308	B CRK2-1	13.8	1		40
SCE	24308	B CRK2-1	13.8	2		40
SCE	24309	B CRK2-2	7.6	3		10
SCE	24309	B CRK2-2	7.6	4		10
SCE	24310	B CRK2-3	6.6	5		15
SCE	24310	B CRK2-3	6.6	6		15
SCE	24311	B CRK3-1	13.8	1		30
SCE	24311	B CRK3-1	13.8	2		30
SCE	24312	B CRK3-2	13.8	3		30
SCE	24312	B CRK3-2	13.8	4		37
SCE	24313	B CRK3-3	13.8	5		25
SCE	28282	BIGCRK1	33	PO		0
SCE	24703	BLM E7G	13.8	7		20
SCE	24704	BLM E8G	13.8	8		20
SCE	24705	BLM W9G	13.8	9		20
SCE	28026	BRDWAYB3	13.8	C1		0
SCE	24408	BREEZE	66	1		0
SCE	24709	BSPHYD26	2.2	26		12
SCE	24710	BSPHYD34	2.2	34		14
SCE	25634	BUCKWND	115	1		0
SCE	28280	CABAZON	34.5	1		0
SCE	24711	CALGEN1G	13.8	1		30
SCE	24712	CALGEN2G	13.8	2		25
SCE	24713	CALGEN3G	13.8	3		25
SCE	25633	CAPWIND	115	1		0
SCE	24020	CARBOGEN	13.8	1		34
SCE	28007	CENTURY	12.47	1		7.25



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Utility Name	bus	name	bkv	id	long id	pgen
SCE	28007	CENTURY	12.47	2		7.25
SCE	28007	CENTURY	12.47	3		7.25
SCE	28007	CENTURY	12.47	4		7.25
SCE	24199	CHEVMAIN	66	1		76
SCE	24026	CIMGEN	13.8	1		30
SCE	28022	CPC-COLT	12	1		0
SCE	28022	CPC-COLT	12	2		0
SCE	24726	CSA DIAB	4.16	1		15
SCE	24030	DELGEN	13.8	1		45
SCE	28006	DREWSG12	12.47	1		6
SCE	28006	DREWSG12	12.47	2		6
SCE	28009	DREWSG34	12.47	3		6
SCE	28009	DREWSG34	12.47	4		6
SCE	24460	DUTCHWND	66	1		0
SCE	25648	DVLCYN1G	13.8	1		60
SCE	25649	DVLCYN2G	13.8	2		60
SCE	25603	DVLCYN3G	13.8	3		0
SCE	25604	DVLCYN4G	13.8	4		0
SCE	24319	EASTWOOD	13.8	1		195
SCE	24047	ELSEG3 G	18	3		310
SCE	24048	ELSEG4 G	18	4		310
SCE	24458	ENCANWND	66	1		0
SCE	25424	ESRP P1	6.9	1		4
SCE	25424	ESRP P1	6.9	2		4
SCE	25424	ESRP P1	6.9	3		0
SCE	25424	ESRP P1	6.9	4		0
SCE	25425	ESRP P2	6.9	5		0
SCE	25425	ESRP P2	6.9	6		0
SCE	25425	ESRP P2	6.9	7		0
SCE	25425	ESRP P2	6.9	8		0
SCE	25426	ESRP P3	6.9	9		0
SCE	25426	ESRP P3	6.9	10		0
SCE	25426	ESRP P3	6.9	11		0
SCE	25426	ESRP P3	6.9	12		0
SCE	24055	ETIWANDA	66	MW		23
SCE	24055	ETIWANDA	66	QF		30
SCE	24459	FLOWIND	66	1		0
SCE	24831	GARNET	34.5	QF		2
SCE	24831	GARNET	34.5	UN		0
SCE	28028	GLNARMC1	13.8	C1		0
SCE	28029	GLNARMC2	13.8	C2		0
SCE	28030	GLNARMC3	13.8	C3		0
SCE	28031	GLNARMC4	13.8	C4		0
SCE	24057	GOLETA	66	EX		0
SCE	24057	GOLETA	66	GV		0
SCE	24057	GOLETA	66	QF		0



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Utility Name	bus	name	bkv	id	long id	pgen
SCE	24062	HARBOR G	13.8	1		80
SCE	24062	HARBOR G	13.8	2		10
SCE	25510	HARBORG3	4.16	3		14
SCE	28003	HIDEDCT1	15	1		175
SCE	28002	HIDEDCT2	15	1		175
SCE	28001	HIDEDCT3	15	1		175
SCE	28000	HIDEDST1	20	1		0
SCE	24063	HILLGEN	13.8	1		45
SCE	24727	HOLGATE	115	BX		47
SCE	24727	HOLGATE	115	MG		57
SCE	24066	HUNT1 G	13.8	1		200
SCE	24067	HUNT2 G	13.8	2		200
SCE	24167	HUNT3 G	13.8	3		200
SCE	24168	HUNT4 G	13.8	4		200
SCE	24070	ICEGEN	13.8	1		45
SCE	28180	INDIGOG1	13.8	1		43.85
SCE	28190	INDIGOG2	13.8	2		43.85
SCE	28191	INDIGOG3	13.8	3		43.85
SCE	24437	KERNRVR	66	1		0
SCE	28284	KERNRVU1	11	K1		0
SCE	28285	KERNRVU2	11	K2		0
SCE	24237	LACSD	12	1		10
SCE	24237	LACSD	12	2		10
SCE	24237	LACSD	12	3		10
SCE	24237	LACSD	12	4		5.5
SCE	24078	LBEACH1G	13.8	1		60
SCE	24170	LBEACH2G	13.8	2		50
SCE	24171	LBEACH3G	13.8	3		50
SCE	24172	LBEACH4G	13.8	4		50
SCE	24173	LBEACH5G	13.8	5		50
SCE	24174	LBEACH6G	13.8	6		50
SCE	24079	LBEACH7G	13.8	7		50
SCE	24080	LBEACH8G	13.8	8		70
SCE	24081	LBEACH9G	13.8	9		50
SCE	24737	LUZ8 G	13.8	8		80
SCE	24738	LUZ9 G	13.8	9		80
SCE	24317	MAMOTH1G	13.8	1		80
SCE	24318	MAMOTH2G	13.8	2		80
SCE	24089	MANDLY1G	13.8	1		200
SCE	24090	MANDLY2G	13.8	2		200
SCE	24740	MC GEN	13.8	1		105
SCE	24464	MIDWIND	66	1		0
SCE	24094	MOBGEN	13.8	1		45
SCE	24095	MOHAV1CC	22	1		680
SCE	24096	MOHAV2CC	22	2		680
SCE	24465	MORWIND	66	1		0



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Utility Name	bus	name	bkv	id	long id	pgen
SCE	24052	MTNVIST3	18	3		300
SCE	24053	MTNVIST4	18	4		300
SCE	24054	MTNVIST5	16	5		125
SCE	24744	NAVYII4G	13.8	4		25
SCE	24745	NAVYII5G	13.8	5		25
SCE	24746	NAVYII6G	13.8	6		25
SCE	24462	NORTHWND	66	1		0
SCE	24102	OMAR 1G	13.8	1		70
SCE	24103	OMAR 2G	13.8	2		70
SCE	24104	OMAR 3G	13.8	3		70
SCE	24105	OMAR 4G	13.8	4		70
SCE	24107	ORMOND1G	26	1		700
SCE	24108	ORMOND2G	26	2		700
SCE	24747	OXBOW G1	13.8	1		53
SCE	24110	OXGEN	13.8	1		34
SCE	25640	PANAERO	115	1		0
SCE	28286	PANDOL1G	13.8	1		25
SCE	28287	PANDOL2G	13.8	2		25
SCE	28005	PICO_THM	13.8	1		0
SCE	24118	PITCHGEN	13.8	1		30
SCE	24784	POOLUWD	6.9	1		13
SCE	24119	PROCGEN	13.8	1		51
SCE	24120	PULPGEN	13.8	1		40
SCE	24121	REDON5 G	18	5		150
SCE	24122	REDON6 G	18	6		130
SCE	24123	REDON7 G	20	7		350
SCE	24124	REDON8 G	20	8		350
SCE	25636	RENWIND	115	1		0
SCE	24783	RUSH	2.3	1		15
SCE	24461	S.OAKWND	66	1		0
SCE	24129	S.ONOFR2	22	2		1070
SCE	24130	S.ONOFR3	22	3		1080
SCE	25646	SANWIND	115	1		0
SCE	24785	SEARLES	34.5	AR		55
SCE	24785	SEARLES	34.5	WS		3
SCE	28060	SEAWEST	34.5	1		44.4
SCE	24136	SEAWEST	230	1		0
SCE	28060	SEAWEST	34.5	2		22.2
SCE	28060	SEAWEST	34.5	3		0
SCE	25639	SEAWIND	115	1		0
SCE	24751	SEGS 1G	13.8	1		18
SCE	24752	SEGS 2G	13.8	2		28
SCE	24139	SERRFGEN	13.8	1		33
SCE	24140	SIMPSON	13.8	1		37
SCE	24754	SUNGEN3G	13.8	3		34
SCE	24755	SUNGEN4G	13.8	4		34



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Utility Name	bus	name	bkv	id	long id	pgen
SCE	24756	SUNGEN5G	13.8	5		34
SCE	24757	SUNGEN6G	13.8	6		35
SCE	24758	SUNGEN7G	13.8	7		35
SCE	24143	SYCCYN1G	13.8	1		70
SCE	24144	SYCCYN2G	13.8	2		70
SCE	24145	SYCCYN3G	13.8	3		70
SCE	24146	SYCCYN4G	13.8	4		70
SCE	24148	TENNGEN1	13.8	1		22
SCE	24149	TENNGEN2	13.8	2		22
SCE	25632	TERAWND	115	1		0
SCE	25637	TRANWND	115	1		0
SCE	25645	VENWIND	115	1		0
SCE	24152	VESTAL	66	UG		37
SCE	24152	VESTAL	66	WF		0
SCE	24157	WALNUT	66	QF		0
SCE	25651	WARNE1	13.8	1		38
SCE	25652	WARNE2	13.8	2		38
SCE	28061	WHITEWTR	34.5	1		0
SCE	24159	WILLAMET	13.8	1		25
SCE	24463	ZONDWIND	66	1		0
SDG&E	22074	BDLRKSP1	13.8	1		49
SDG&E	22075	BDLRKSP2	13.8	1		49
SDG&E	22149	CPBORDER	13.8	1		49.9
SDG&E	22150	CPELCAJN	13.8	1		49
SDG&E	22153	CPESCND0	13.8	1		49
SDG&E	22176	DIVISNGT	12.5	1		13
SDG&E	22212	ELCAJNGT	12.5	1		13
SDG&E	22233	ENCINA 1	14.4	1		100
SDG&E	22234	ENCINA 2	14.4	1		100
SDG&E	22236	ENCINA 3	14.4	1		100
SDG&E	22240	ENCINA 4	22	1		280
SDG&E	22244	ENCINA 5	24	1		320
SDG&E	22248	ENCINAGT	12.5	1		14
SDG&E	22257	ESPGEGEN	13.8	1		46
SDG&E	22332	GOALLINE	69	1		49.8
SDG&E	22997	INTBCT	16	1		160
SDG&E	22996	INTBST	18	1		150
SDG&E	22373	KEARN2AB	12.47	1		14
SDG&E	22373	KEARN2AB	12.47	2		14
SDG&E	22374	KEARN2CD	12.47	1		14
SDG&E	22374	KEARN2CD	12.47	2		14
SDG&E	22375	KEARN3AB	12.47	1		14
SDG&E	22375	KEARN3AB	12.47	2		14
SDG&E	22376	KEARN3CD	12.47	1		14
SDG&E	22376	KEARN3CD	12.47	2		14
SDG&E	22377	KEARNGT1	12.5	1		14.5





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Utility Name	bus	name	bkv	id	long id	pgen
SDG&E	22385	KYOCERAG	12	1		0
SDG&E	22990	LRP-U4	16	C		150
SDG&E	22488	MIRAMRGT	12.5	1		17
SDG&E	22488	MIRAMRGT	12.5	2		16
SDG&E	22533	MURRAY12	12	A		0
SDG&E	22576	NOISLMTR	69	QF		33
SDG&E	22577	NOISLNAV	69	CG		1
SDG&E	22552	NSCOGEN	12.47	1		20
SDG&E	22605	OTAY	12.47	1		3.5
SDG&E	22617	OYPGEGEN	13.8	1		49
SDG&E	22661	POINTLMA	12.47	CG		3
SDG&E	22660	POINTLMA	69	QF		22
SDG&E	22776	SOUTHBGT	12.5	1		13
SDG&E	22780	SOUTHBY1	15	1		130
SDG&E	22784	SOUTHBY2	15	1		145
SDG&E	22788	SOUTHBY3	20	1		165
SDG&E	22792	SOUTHBY4	20	1		0
SDG&E	22801	STRMVWBC	12.47	B		0
SDG&E	22801	STRMVWBC	12.47	C		0
SDG&E	22993	TDM CTG1	18	G1		180
SDG&E	22992	TDM CTG2	18	G2		179
SDG&E	22991	TDM STG	21	S		240.72