
SCHEDULE 4**MAINTENANCE COORDINATION****[Section 5.1.2]**

By October 15th of each year, SVP shall exchange with the ISO a provisional planned outage program for all lines and equipment in Schedule 1. That document will be updated quarterly or as changes occur to the proposed schedule.

The ISO shall approve all proposed outages on equipment and lines listed on Schedule 1 unless a proposed outage would cause the ISO to violate Applicable Reliability Criteria. Approval of outages shall not be unreasonably withheld or delayed.

As noted on Schedule 1, some facilities are jointly owned by SVP and one or more other entities. The ISO acknowledges that, under the terms of the operating agreements applicable to each such facility, SVP may not be able to control unilaterally the timing of outages. SVP shall exercise its rights under the operating agreements, if any, applicable to each jointly owned facility listed on Schedule 1 to coordinate scheduling of outages with the ISO in accordance with this Agreement to the maximum extent possible and shall not enter into any operating agreement or amendment to an existing operating agreement with respect to any such facility that diminishes SVP's rights to schedule outages. However, SVP shall communicate directly to the ISO regarding its coordination of scheduled outages.

Applications for scheduled work shall be submitted to the ISO by the SVP Grid Operations group via means to be agreed to by both Parties. The documents submitted by SVP shall record the details for all work and become the database for reporting and recording outage information.

SCHEDULE 5**CRITICAL PROTECTIVE SYSTEMS****[Section 5.3]**

Distribution protective relay schemes affecting the ISO Controlled Grid are those associated with transformers that would trip transmission breakers and/or buses at SVP's Points of Interconnection when activated. These would include any of the following:

1. High Side Overcurrent Relays
2. Differential Overcurrent Relays
3. Sudden Pressure Relays
4. Low Oil Relays
5. Neutral Ground Overcurrent Relays
6. On fuse protected transformers, it would be the high-side fuses.

The following is a brief description of the relaying schemes at Kifer Receiving Station that trip one or more of the 115kV line breakers (except SVP's 115kV tie line between Kifer Receiving Station and Scott Receiving Station):

- The single 115kV Bus Differential Protection Schemes would trip all 115kV breakers including the 115kV PG&E line breakers.
- All 115/60kV Transformer Protection Schemes trip only the transformer breakers and NOT any of the 115kV PG&E line breakers because of the main/auxiliary bus configuration.

The following is a brief description of the relaying schemes at Scott Receiving Station that trip one or more of the 115kV line breakers (except SVP's 115kV tie line between Kifer Receiving Station and Scott Receiving Station):

- 115kV Bus Differential Protection Scheme would trip all 115kV breakers including the 115kV PG&E line breakers.
- All 115/60kV Transformer Protection Schemes trip only the transformer breakers and NOT any of the 115kV PG&E line breakers because of the main/auxiliary bus configuration.

The following is a brief description of the relaying schemes at Northern Receiving Station that trip one or more of the 115kV line breakers:

- Both 115kV Bus Differential Protection Schemes would trip all associated 115kV breakers including the 115kV PG&E line breakers.
- All 115/60 kV Transformer Protection Schemes trip only the transformer breakers and NOT any of the 115 kV PG&E line breakers because of the main/auxiliary bus configuration.

**SCHEDULE 6
OPERATIONAL CONTACT**

[Section 5.4]

ISO:

**CONFIDENTIAL
INFORMATION
REDACTED**

SVP:

SCHEDULE 7

EMERGENCIES

[Section 7.2]

The ISO shall notify SVP's Power Control Center ("PCC") Operator, as identified in Schedule 6, of the emergency, including information regarding the cause, nature, extent, and potential duration of the emergency. The PCC Operator shall make the appropriate notifications within SVP organization. The PCC Operator shall then take such actions as are appropriate for the emergency in accordance with Section 7 of this Agreement.

SVP shall make requests for information from the ISO regarding emergencies through contacts to the ISO's Operations Shift Supervisor, by SVP's PCC Operator, or SVP's Information Officer may coordinate public information with the ISO Communication Coordinator.

SVP will communicate necessary information, including estimated service restoration by geographic areas, to appropriate state, local governmental entities, and its customers as needed. For transmission system caused outages, the ISO's Operations Shift Supervisor will notify the PCC Operator, who will make appropriate notifications within SVP's organization of any information related to the outage such as cause, nature, extent, potential duration and customers affected.

The PCC Operator and Grid Control Center logs, Electric Switching Orders and Energy Management System temporal database will be used in preparation of outage reviews. These documents are defined as the chronological record of the operation of the activities which occur with the portion of the electrical system assigned to that control center. The log shall contain all pertinent information, including orders received and transmitted, relay operations, messages, clearances, accidents, trouble reports, daily switching program, etc.

SVP shall retain records in accordance with its standard practices for record retention for six years.

SCHEDULE 8

UNDERFREQUENCY LOAD SHEDDING

[Section 7.4.1]

The objective of the Under Frequency Load Shedding (UFLS) program is to provide security and protection to the interconnected bulk power network by arresting frequency decay during periods of insufficient resources

SVP's UFLS program establishes Under Frequency Load Shedding objectives consistent with the load shedding policies of the Western Electricity Coordinating Council, the North American Electric Reliability Council and SVP. SVP's UFLS program satisfies the requirements of the WECC Off-Nominal Frequency Load Shedding and Restoration Plan (Formal Report November 25, 1997). SVP's UFLS program is also set in accordance with the WECC Southern Island Tripping Plan and coordinated with it. The SVP UFLS program utilizes WECC planning criteria in this area. Per WECC requirements, UFLS is on the feeder side of the transformer.

SVP's UFLS is set forth in Attachment A to SVP's EAP, which is attached to Schedule 11, and incorporates the tripping scheme set forth therein.

SCHEDULE 9
OTHER AUTOMATIC LOAD SHEDDING
[Section 7.4.1]

SVP has no other automatic load shedding devices other than those identified in Schedule 8.

SCHEDULE 10

MANUAL LOAD SHEDDING

[Section 7.4.3]

Criteria for the implementation of manual Load Shedding are set forth in the SVP Emergency Action Plan attached to Schedule 11.

NOTE: SVP's deep load shedding program needs to be coordinated with PG&E's deep load shedding program (to make sure the same load is not double-counted).

SCHEDULE 10A

ROTATING LOAD CURTAILMENT PROCEDURES

[Section 7.4.3]

Any information regarding SVP rotating Load curtailment procedures are described in the SVP Emergency Action Plan attached to Schedule 11. To maintain a minimum amount of continuously interrupted Load, as directed by the ISO, for an extended amount of time, no portion of SVP's interrupted Load shall be restored unless an equal or greater amount of Load is interrupted first.

SCHEDULE 10B

INTERRUPTIBLE LOAD

[Section 7.4.3]

Should SVP seek to bid any interruptible Load into any ISO market, SVP shall provide a complete description of the program to the ISO at least sixty (60) days prior to the submission of the first such bid by SVP's Scheduling Coordinator and all applicable Operating Procedures shall be followed.

SCHEDULE 11
EMERGENCY ACTION PLAN
[Sections 5.2 and 7.5.1]

SVP's current Emergency Action Plan is attached to this Schedule 11.

**CONFIDENTIAL
INFORMATION
REDACTED**

SCHEDULE 12

LOAD RESTORATION

[Section 7.4.4]

SVP shall follow the procedures set forth below in this Schedule 12 in promoting orderly, coordinated restoration of electric systems after a major system disturbance has occurred which resulted in load shedding by frequency relays in California.

1. Immediately after load shedding by frequency relay has occurred in SVP's System, SVP shall remain in contact with PG&E's Area Control Center (ACC) until normal frequency has been restored throughout the ISO Control Area or the ISO Shift Manager has concluded that such full-time communications can be terminated. Emergency communications over the California ACC Hot-line will be under the direction of the ISO Shift Manager and the senior dispatcher present at the PG&E ACC(s).
2. Manual load restoration shall not normally be initiated until the California ACC Hot Line is attended. No load is to be manually restored unless directed by the ISO, either directly or through its assignee, provided that the procedure for the ISO's designation of any assignee is agreed to by SVP, after the frequency has recovered and there is indication that the frequency can be maintained. SVP shall await direction from the ISO or its assignee, who will be in contact with the ISO Shift Manager. The ISO Shift Manager shall determine whether adequate generation resources are available on line to support the load to be restored.
3. SVP's automatic load restoration will be consistent with the WECC Coordinated Off-Nominal Frequency Load Shedding and Restoration Plan.
4. If the ISO cannot meet the WECC and NERC Control Area Disturbance Control Standard or the Control Performance Standard post disturbance, no manual load restoration shall be permitted. If the frequency is such that automatic load restoration occurs under these conditions, if SVP has restored load automatically, it will manually shed an equivalent amount of load to offset the load which was automatically restored.
5. Restoration of ties and off-site power supply to nuclear generating facilities should be given top priority. Manual load restoration will be deferred during periods of tie restoration. SVP should be equipped and prepared to drop load manually when necessary to allow frequency recovery sufficient to re-establish ISO intra-area ties and ties between the ISO Control Area and outside systems. Where manual load shedding is required, the ISO shall make reasonable efforts to allocate the load shedding requirement equitably among SVP, UDCs, and MSS Operators where load shedding shall be beneficial, and such load shedding shall be made in accordance with Section 7.4.

6. SVP shall use its existing plans and priorities to restore load within the parameters given by the ISO, giving the appropriate priority to essential services such as military, public safety agencies, water treatment plants, sewage treatment plants, etc.

SCHEDULE 13

EXISTING CONTRACTS AND ENCUMBRANCES

[Section 9.1.1]

Existing Contract or Encumbrance	Amount (MW)	Scheduling Timeline	
		To PTO	To ISO
PG&E - WAPA Contract 2948A (PG&E # 79)	216	20 min. into the active ½ hour.	In accordance with the ISO Tariff
COTP Interim Participation Agreement, scheduled in accordance with the Coordinated Operations Agreement among PG&E, SCE, SDG&E and TANC (PG&E # 146)	252 North to South* 192 South to North*	N/A	30 min. prior to the start of the active hour.
South of Tesla Principles between PG&E and TANC (PG&E # 143)	**	30 min. prior to the start of the active hour.	In accordance with the ISO Tariff
PG&E-SVP Grizzly Agreement(s)	45.32 (17.66 + 27.66)	20 min. into the active ½ hour.	In accordance with the ISO Tariff
SCE-MSR Firm Transmission Service Agreement	52.5	30 min. prior to the start of the active hour.	In accordance with the ISO Tariff

*The amount of SVP's Existing Contracts and Encumbrances associated with its ISO contract reference numbers (CRNs) is set forth here for informational purposes only and is accounted for, and subject to, Schedule 13 of the NCPA MSS Aggregator Agreement. The COTP Interim Participation/Coordinated Operations Agreement amount is contingent upon the direction of the transaction and the California Oregon Intertie rating.

**The amount of SVP's Existing Contracts and Encumbrances associated with its ISO contract reference numbers (CRNs) is set forth, and is accounted for, and subject to, Schedule 13 of the NCPA MSS Aggregator Agreement. The SOTP amounts are contingent upon the availability of unused transmission service rights as further described in the Path 15 Operating Instructions (Appendix B, Transmission Control Agreement, as approved in Docket ER99-1770 and as may be amended or superceded) and is accounted for, and subject to, Schedule 13 of the NCPA MSS Aggregator Agreement.

Note: Details regarding the agreed upon scheduling provisions for each Existing Contract or Encumbrance are described in the Settlement Agreement.

SCHEDULE 14

GENERATING UNITS

[Section 10.1]

SVP has identified in the attached table all of the individual Generating Units that it owns or controls on SVP's System, together with certain information required by the ISO.

SCHEDULE 14
Section 1: Technical Characteristics of Generator
Units
Silicon Valley Power

Name of Facility	QF	Name of Owner	Control Room Telephone Number	ISO Resource ID	Type of Unit	Capacity	Minimum Operating Limit 1/	Normal Maximum Operating Limit 1/	Extended Maximum Operating Limit 1/ 2/	Maximum Normal Ramp Rate 1/ 2/	Startup-Time 1/	Minimum Run Time 1/	Limitations
(Including Unit Number)	(Y/N)					(MW)	(MW)	(MW)	(MW)	(MW/Min)	(Hrs)	(Hrs)	(Reference #)
Thermal													
Jefferson-Smurfit Container Corp.	Y	Jefferson-Smurfit Corp.	408-496-5081	CONTAN_1_UNIT	Aggregated Unit	25.8	20.9	25.8	25.8	6.0	1	Continuous	SVP-1,2,8
					Combustion Turbine	20.9	20.9	20.9	20.9	6.0	1	Continuous	SVP-1,2,8
					Steam Turbine	4.9		4.9	4.9	2.0	1	Continuous	SVP-1,2,8
Gianera GT1	N	CSC	408-247-3730	CSCGNR_1_UNIT 1	Combustion Turbine	24.75	24	24.75	24.75	6.0	0.2	2	SVP-1,2,3,4
Gianera GT2	N	CSC	408-247-3731	CSCGNR_1_UNIT 2	Combustion Turbine	24.75	24	24.75	24.75	6.0	0.2	2	SVP-1,2,3,4
Santa Clara Cogen	N	CSC	408-247-3732	CSCCOG_1_UNIT 1	Aggregated Unit	7	6	7	7	1.8	1	Continuous	SVP-1,2,5
					Combustion Turbine	3.5	3.0	3.5	3.5	1.8	1	Continuous	SVP-1,2,5
					Combustion Turbine	3.5	3.0	3.5	3.5	1.8	1	continuous	SVP-1,2,5
Hydroelectric													
Stoney Gorge	N	CSC	408-247-3730	CSCHYD_2_UNIT 1	Aggregated Hydro	4.9	1.3	4.9	4.9	2.5	0.02	ROR	SVP-6,7
					Hydro	2.45	1.3	2.45	2.45	2.5	0.02	ROR	SVP-6,7
					Hydro	2.45	1.3	2.45	2.45	2.5	0.02	ROR	SVP-6,7
Black Butte Hydro	N	CSC	408-247-3731	BLCKBT_2_STONEY	Hydro	6.2	1.5	6.2	6.2	6.2	0.02	ROR	SVP-6,7
High Line Hydro	N	CSC	408-247-3732	CSCHYD_2_UNIT 2	Hydro	0.5	0.5	0.5	0.5	0.5	0.02	ROR	SVP-6,7
Nuclear													
Wind													
Solar													
Waste-to-Energy													
Biomass													
Geothermal													
Synchronous Condensers													
Other													

1/ Current effective values for purposes of scheduling Energy and bidding to provide Energy and/or Ancillary Services in ISO markets may differ from those set forth in this Schedule 1, depending on the results of ISO performance testing pursuant to Sections 2.5.24 and 2.5.25 of the ISO Tariff and Section 9 of the ISO Ancillary Services Requirements Protocol.

2/ These and other values are subject to certification by the ISO.

SCHEDULE 14

Section 2: Limitations
Silicon Valley Power

Reference #	Description of Limitation
SVP-1	Unit is subject to operational output limitations due to ambient temperatures. Hot ambient temperatures significantly reduce output capability.
SVP-2	Unit is subject to operational output limitations due to Nox and CO emission limits in accordance with Bay Area Air Quality Management District standards. A reduction in loading rapidly increases CO emissions toward the BAAQMD permit limit. Consequently, unit is not operated at less than the Minimum Operating Limit except during source testing.
SVP-3	Unit is subject to permit constraints of a maximum of 21 hours of operation per day while operation is on natural gas fuel and a maximum of 7 hours of operation per day while operation is on fuel oil.
SVP-4	Unit is subject to permit constraints of a maximum of 19,000 MWh during any calendar year and a maximum of 877 hours of operation during any calendar year.
SVP-5	Two CTG Cogeneration plant that must run continuously, fully loaded, to meet the steam customer contract requirement obligations. When unit HRSG is cold, a minimum 4-hour startup time is required. During planned shutdowns one CTG may run independently from the other while the customers backup boiler is supporting total steam load. Backup boiler is subject to permit constraints on number of annual operating hours.
SVP-6	Unit is a run of the river facility. Orland Unit Water User's Association and the Corps of Engineers determine the water flow rates through the plant and therefore the power production and run time.
SVP-7	Unit is subject to operational output limitations due to the variations in the reservoir available head.
SVP-8	Container Corp. facility was operating as QF but is currently selling their 20MW excess power to SVP. At present, it is not clear whether or not the Container Corp. unit is going to be scheduled under SVP's utility Scheduling Coordinator. Discussions are on-going.

SCHEDULE 15**METERING OBLIGATIONS****[Section 12.2]****Obligations and Rights of SVP**

- 1.0 Submission of Meter Data through the ISO's Revenue Meter Data Acquisition and Processing System ("MDAS").** SVP agrees to make available to the ISO through MDAS its Meter Data in accordance with the ISO Tariff. The ISO's requirements regarding the frequency with which it requires Meter Data to be made available to it through MDAS by SVP are referred to in the Metering Protocol of the ISO Tariff.
- 1.1 Meter Information.** SVP shall provide in the format prescribed by Schedule 15.1 the required information with respect to all of its meters used to provide Meter Data to the ISO. SVP must immediately notify the ISO of any changes to the information provided to the ISO in accordance with this Section and provide the ISO with any information in relation to such change as reasonably requested by the ISO. SVP shall have the right to modify Schedule 15.1, although such modification shall not constitute an amendment to this Agreement.
- 1.2 Transformer and/or Line Loss Correction Factor.** If SVP uses low voltage side metering, it shall use the ISO approved transformer and/or line loss correction factor referred to in the Metering Protocol of the ISO Tariff.
- 1.3 Rights to Access Metering Facilities.** SVP shall use its best efforts to procure any rights necessary for the ISO to access all Metering Facilities of SVP to fulfill its obligations under the ISO Tariff, and its obligations under this Agreement. If, after using its best efforts, SVP is unable to provide the ISO with such access rights, SVP shall ensure that one of its employees is an ISO Authorized Inspector and such employee undertakes, at the ISO's request, the certification, testing, inspection and/or auditing of those Metering Facilities in accordance with the procedures established pursuant to the Metering Protocol of the ISO Tariff, including the requirement to complete and provide to the ISO all necessary documentation. The ISO acknowledges that it will not be prevented from fulfilling its obligations under the ISO Tariff or this Agreement by reason of the fact that it is provided with escorted access to the Metering Facilities of SVP.
- 1.4 Security and Validation Procedures.** The security measures and the validation, editing, and estimation procedures that the ISO shall apply to Meter Data made available to the ISO by SVP shall be as referred to in the Metering Protocol of the ISO Tariff.

- 1.5 Authorized Users.** In addition to the persons referred to in the ISO Tariff, including SVP and the relevant Scheduling Coordinator, as being entitled to access Meter Data on MDAS, SVP may set forth in Schedule 15.2 of this Agreement any additional authorized users that shall be entitled to access SVP's Settlement Quality Meter Data held by the ISO. SVP shall include in Schedule 15.2 as authorized users the relevant UDCs and TOs. The ISO shall provide the authorized users with any password or other information necessary to access SVP's Settlement Quality Meter Data held by the ISO on MDAS. Any amendment or addition to Schedule 15.2 shall not constitute an amendment to this Agreement.
- 1.6 Certification, Inspection, and Auditing of Meters.** SVP shall be responsible for all reasonable costs incurred by the ISO or an ISO Authorized Inspector in connection with them carrying out the certification, inspection, testing or auditing of the meters identified in Schedule 15.1 from which SVP provides Meter Data to the ISO. The ISO or ISO Authorized Inspector shall furnish SVP, upon request, an itemized bill for such costs.

Obligations and Rights of the ISO

- 2.0 Direct Polling of MDAS.** The ISO shall allow the Scheduling Coordinator representing SVP and all authorized users to directly poll MDAS for the Meter Data relating to SVP in accordance with the procedures referred to in the Metering Protocol of the ISO Tariff.
- 2.1 ISO as a Third-Party Beneficiary.** The ISO shall be a third-party beneficiary to any future agreement between SVP and any other party relating to the Metering Facilities of SVP for the purpose of granting the ISO access to any relevant information, records and facilities as needed by the ISO to fulfill its obligations under the ISO Tariff and its obligations under this Agreement.
- 2.2 Remote and Local Access to Metering Data.** The ISO shall provide SVP any password or other requirements necessary for SVP to access its Meter Data remotely or locally at the meter.

Calculation of SVP Settlement Quality Meter Data

If SVP elects to use its MSS Aggregator for Load following, the calculation of SVP's Settlement Quality Meter Data ("SQMD") shall be made as part of its MSS Aggregator's calculation of SQMD. If SVP does not use its MSS Aggregator for Load following, the calculation of SVP's SQMD shall be made in accordance with a calculation procedure that is mutually agreed by the Parties, which calculation procedure will generally be as follows:

SVP SQMD (Gross Load) = Meter Data at the Points of Interconnection + Metered Generation from Internal Generating Units – Final

Real-Time WAPA 2948A Energy in accordance with the Settlement Agreement Power Scheduled with PG&E +/- the incremental or decremental real-time revisions to the Hour-Ahead Schedules for Grizzly Agreement deliveries in accordance with the Settlement Agreement

SCHEDULE 15.1**METER INFORMATION****METER INFORMATION**

Resource ID/Meter Number	CSCGNR_1_UNIT 1/# 5910308
Name of the Facility	Gianera Unit # 1
Location (address if applicable)	2339 Gianera St., Santa Clara, CA
Resource ID/Meter Number	CSCGNR_1_UNIT 2/# 5910309
Name of the Facility	Gianera Unit # 2
Location (address if applicable)	Same as above
Resource ID/Meter Number	CONTAN_1_UNIT/# 5910307
Name of the Facility	CCA (Smurfit-Stone)
Location (address if applicable)	2600 De La Cruz Blvd., Santa Clara, CA
Resource ID/Meter Number	No Resource ID/#5910353
Name of the Facility	NRS No. 1 (Northern Receiving Station)
Location (address if applicable)	4851 Centennial Blvd., Santa Clara, CA
Resource ID/Meter Number	No Resource ID/#5910355
Name of the Facility	NRS No. 2 (Northern Receiving Station)
Location (address if applicable)	4851 Centennial Blvd., Santa Clara, CA
Resource ID/Meter Number	No Resource ID/#5910354
Name of the Facility	Kifer Receiving Station (South Line)
Location (address if applicable)	2970 Lafayette St., Santa Clara, CA
Resource ID/Meter Number	No Resource ID/#5910352
Name of the Facility	Kifer Receiving Station (North Line)
Location (address if applicable)	2970 Lafayette St., Santa Clara, CA
Resource ID/Meter Number	CSCCOG_1_UNIT 1/# 5910310
Name of the Facility	Co-Generation Site
Location (address if applicable)	524 Robert Ave. Santa Clara, CA
Resource ID/Meter Number	BLCKBT_2_STONEY/# 5910312
Name of the Facility	Black Butte Powerhouse
Location (address if applicable)	19227 Newville Rd., Orland, CA
Resource ID/Meter Number	CSCHYD_2_UNIT 1/# 5910311
Name of the Facility	Stony Gorge Powerhouse
Location (address if applicable)	2550 County Rd. 306, Elk Creek, CA

FUTURE

Resource ID/Meter Number	TBD
Name of the Facility	Northern Receiving Station
Location (address if applicable)	4851 Centennial Blvd. Santa Clara, CA

SCHEDULE 15.2

**ACCESS TO METER DATA
AND AUTHORIZED USERS**

[SVP shall provide in Schedule 15.2 a list of all authorized users of SVP's Settlement Quality Meter Data and any restrictions or limitations placed on them.]

Western Area Power Administration
Pacific Gas and Electric Company

SCHEDULE 16
TRANSMISSION RELIABILITY CRITERIA

[Section 13.5]

For transmission reliability, SVP shall abide by all NERC and WECC Planning Criteria and the following:

Power Flow Assessment:

	Criteria	
	Thermal ³	Voltage ⁴
Contingencies		
Generating unit ¹	A/R	A/R
Transmission line ¹	A/R	A/R
Transformer ¹	A/R ⁵	A/R ⁵
Overlapping ²	A/R	A/R

- 1 All single contingency outages (i.e. generating unit, transmission line or transformer) will be simulated on participating transmission owners' local area systems.
- 2 Key generating unit out, system readjusted, followed by a line outage.
- 3 Applicable Rating – Based on ISO Transmission Register or facility upgrade plans.
- 4 Applicable Rating – ISO Grid Planning Criteria or facility owner criteria as appropriate.
- 5 Based on judgment of ISO and facility owner, a thermal or voltage criterion violation resulting from a transformer outage may not be cause for Reliability Must-Run Generation solution if the violation is considered marginal (e.g. acceptable loss of life or low voltage), otherwise (e.g. unacceptable loss of life or voltage collapse) a Reliability Must-Run Generation solution would be indicated.

Post Transient Load Flow Assessment:

Contingencies	Reactive Margin Criteria ²
Selected ¹	A/R

- 1 If power flow results indicate significant low voltages for a given power flow contingency, simulate that outage using the post transient load flow program. The post-transient assessment will develop appropriate Q/V and/or P/V curves.
- 2 Applicable Rating – positive margin based on 105% of 1 in 2 year load forecast.

Stability Assessment:

Contingencies

Stability Criteria ²

Selected ¹ A/R

- 1 If power flow or post transient study results indicate significant low voltages or marginal reactive margin for a given contingency, simulate that outage using the dynamic stability program.
- 2 Applicable Rating – ISO Grid Planning Criteria or facility owner criteria as appropriate.

SCHEDULE 17

NOTICES

[Section 19.1]

SVP

Name of Primary Representative: Mr. James Pope
Title: Director of Electric Utility
Address: 1500 Warburton Avenue
City/State/Zip Code: Santa Clara, CA 95050-3796
Email Address: jpope@ci.santa-clara.ca.us
Phone: (408) 261-5490
Fax No: (408) 249-0217

Name of Alternative Representative: Mr. Ray Camacho / Mr. Robert Streich
Title: Assistant Director of Electric Utility
Address: 1500 Warburton Avenue
City/State/Zip Code: Santa Clara, CA 95050-3796
Email Address: rcamacho@ci.santa-clara.ca.us
rstreich@ci.santa-clara.ca.us
Phone: (408) 615-2186 / (408) 615-5605
Fax No: (408) 261-2717 / (408) 988-1080

ISO

Name of Primary

Representative: Byron Woertz
Title: Director of Client Relations
Address: 151 Blue Ravine Road
City/State/Zip Code: Folsom, CA 95630
Email Address: bwoertz@caiso.com
Phone: (916) 608-7066
Fax No: (916) 608-7074

Name of Alternative

Representative: Deborah A. Le Vine
Title: Director of Contracts
Address: 151 Blue Ravine Road
City/State/Zip Code: Folsom, CA 95630
Email Address: dlevine@caiso.com
Phone: (916) 351-2144
Fax No: (916) 351-2487

ATTACHMENT G

