



CAISO Operating Procedures Index List

<i>Procedure Number</i>	<i>Procedure Title</i>	<i>Version</i>	<i>EffectiveDate</i>	<i>Public Access</i>	<i>Market Sensitive</i>	<i>Proprietary</i>	<i>Security Restricted</i>
A-02	Development and Distribution of Operating Procedures	3.4	5/23/2008	Yes	No	No	No
A-02A	Procedure Revisions due to Tariff Changes	3.2	5/23/2008	Yes	No	No	No
A-02B	Procedure Development Normal Timeline	2.5	5/23/2008	Yes	No	No	No
A-02C	Operating Procedure Development Flowchart	1.3	5/23/2008	Yes	No	No	No
A-02D	Procedure Exam Development and Maintenance Process	2.1	5/23/2008	Yes	No	No	No
A-02E	Electronic Signature Procedure Approval Process	1.1	5/23/2008	Yes	No	No	No
A-03	Determining Distribution Restrictions for CAISO Operating Procedures	1.2	6/2/2008	Yes	No	No	No
C-608	EMS Daylight Savings Time Workaround	2.2	3/2/2007	No	No	Yes	No

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C-609	Loss of Communication To/From Scheduling Coordinators	1.1	5/27/2008	No	No	No	Yes
C-610	Communications Failure & Testing	4.0	6/6/2007	No	No	No	Yes
D-50	SLIC Logging	4.0	11/21/2007	Yes	No	No	No
D-50A	Transmission Desk Logging	4.0	11/21/2007	No	No	Yes	No
D-50B	Generation Desk Logging	3.0	11/21/2007	No	No	Yes	No
D-50C	Scheduling Desk Logging	2.0	11/21/2007	No	No	Yes	No
D-50D	GRC Desk Logging	5.0	11/27/2007	No	No	Yes	No
D-50E	SLIC Outage Requirements	2.0	11/21/2007	No	No	Yes	No
D-51	Reporting Requirements For the CAISO and Other Operating Entities	4.0	11/1/2007	Yes	No	No	No
D-51A	CAISO Fire Reporting Guidelines	1.1	10/5/2004	Yes	No	No	No
D-52	Real-Time Communication Standards	2.0	11/6/2008	No	No	Yes	No

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D-52A	Suggested Phrases for Marketing Entities	1.1	10/23/2006	No	No	Yes	No
E-501	System Restoration	3.0	9/9/2008	No	No	No	Yes
E-501A	Black Start Units	9.0	11/6/2008	No	No	Yes	Yes
E-501B	Generators with Alternative Source of Fuel	1.0	9/23/2008	No	No	Yes	Yes
E-502	Emergency Manual Load Shedding	4.0	9/12/2008	Yes	No	No	No
E-503	Under-Frequency Load Shedding	1.6	11/16/2006	Yes	No	No	No
E-503A	UFLS and Islanding - Real Time Monitoring	2.0	6/6/2008	No	No	No	Yes
E-505	Emergency Assistance	5.2	2/12/2008	Yes	No	No	No
E-505A	Prices- Emergency Assistance to Other Balancing Authorities	5.0	9/5/2008	No	Yes	Yes	No
E-505B	Prices- Emergency Assistance to the CAISO	5.0	9/5/2008	No	Yes	Yes	No
E-505C	CFE Emergency Request	1.0	8/2/2006	No	Yes	Yes	No

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E-507	Emergency Response Team	5.6	6/13/2008	No	No	No	Yes
E-507A	Events Requiring Immediate Executive In Charge Notification	3.0	1/28/2008	No	No	No	Yes
E-507B	Executive In Charge Duty Roster	3.0	6/13/2008	No	No	No	Yes
E-507C	EIC Event Checklist	1.6	7/9/2007	No	No	Yes	Yes
E-507D	ERC External Emergency Contacts	6.0	10/28/2008	No	No	Yes	Yes
E-507E	Event Impact Levels Communication Flows	1.3	3/28/2007	No	No	Yes	Yes
E-507F	ERC Contact Matrix	1.3	6/13/2008	No	No	Yes	Yes
E-508	Electrical System Emergency	4.8	6/10/2008	Yes	No	No	No
E-508A	Load Shedding Guide	5.0	4/15/2008	Yes	No	No	No
E-508B	Alert-Warning-Emergency (AWE) Guide	4.3	5/20/2008	No	Yes	No	Yes
E-508C	Electrical Emergency Notices	2.2	8/25/2008	Yes	No	No	No

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E-508D	CAISO Switching and System Emergency Declaration Guidelines	1.2	8/25/2008	Yes	No	No	No
E-509	Restricted Maintenance Operations	2.4	7/17/2007	Yes	No	No	No
E-509A	Allowable Transmission Maintenance Activities During Restricted Maintenance Operations	2.3	7/10/2007	Yes	No	No	No
E-509B	SONGS Essential Component List	2.0	9/22/2006	No	No	Yes	Yes
E-509C	Diablo Canyon Vital Component List	1.1	7/10/2007	No	Yes	Yes	Yes
E-511	Load Reduction Programs	6.3	6/5/2008	Yes	No	No	No
E-511B	UDC Interruptible Service Limitations and Conditions	4.2	6/5/2008	No	No	Yes	No
E-511C	UDC Interruptible Service Curtailment Groups	3.3	6/5/2008	No	No	Yes	No
E-518	Control Room Evacuation	2.1	5/23/2007	No	No	Yes	Yes
E-518A	Folsom Control Room Evacuation Maps and Images	1.2	5/23/2007	No	No	Yes	Yes
E-518B	Evacuation Checklists	2.1	5/23/2007	No	No	Yes	Yes

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E-518C	Scheduling Department Emergency Plan	1.3	5/16/2008	No	No	Yes	Yes
G-200	Generating Station Requirements and Communications	2.6	11/30/2007	Yes	No	No	No
G-202	Over-Generation	8.0	2/1/2007	Yes	No	No	No
G-202A	Market Notifications - Over-Generation	1.1	5/7/2003	Yes	No	No	No
G-203	RMR Unit Commitment and Dispatch	8.0	12/17/2007	Yes	No	No	No
G-203B	CAISO RMR Availability Notice	4.2	11/20/2006	Yes	No	No	No
G-203C	Market Substitution for RMR Dispatches	2.0	8/18/2006	Yes	No	No	No
G-203D	RMR Unit Substitution Flowchart	3.0	11/20/2006	No	No	Yes	No
G-203E	RMR Unit Substitution Request Form	1.5	11/20/2006	Yes	No	No	No
G-203F	RMR Test Request Form	2.0	4/9/2008	No	No	No	No
G-203G	RMR Test Request Form Availability Test Ambient Temperature Supplement	1.3	11/20/2006	Yes	No	No	No

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G-203H	RMR Availability Test Dispatch Operational Flow	1.2	11/20/2006	Yes	No	No	No
G-203I	RMR Unit Testing FAQ Sheet	2.0	11/20/2006	No	Yes	Yes	Yes
G-203J	RMR Unit Availability Test Process Flowchart	4.0	3/15/2006	No	Yes	Yes	Yes
G-203K	Procuring A/S Capacity from RMR Units	2.0	11/20/2006	Yes	No	No	No
G-203L	RMR Client Failure Contingency	2.0	11/20/2006	Yes	No	No	No
G-203M	RMR Peakers Subject to CDWR Power Purchase Agreements	3.0	10/17/2008	Yes	No	No	No
G-203P	RMR Unit Emissions/Heat Input Test Process Flowchart	1.3	4/9/2008	Yes	No	No	No
G-203Q	RMR Dual Fuel Test Process Flowchart	2.1	11/20/2006	Yes	No	No	No
G-206	Minimum RMR Commitment: San Diego Area	9.5	6/3/2008	No	Yes	No	No
G-213	Management of Ancillary Services Certification Testing	6.1	6/6/2008	Yes	No	No	No
G-213A	Ancillary Services Test Request Form	5.1	9/30/2008	Yes	No	No	No

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G-213B	Scheduling Coordinator Certification of Imports of Non-Regulation Ancillary Services	2.1	1/26/2004	Yes	No	No	No
G-213C	PI Trend Setup	3.0	10/23/2006	No	No	Yes	No
G-213D	Request for Certification of Dynamic Imports of Spinning and Non-Spinning Reserve	3.0	4/28/2008	Yes	No	No	No
G-213E	SC & Host Control Area Operator Request for Certification of Imports of Regulation	4.0	4/28/2008	Yes	No	No	No
G-213F	Ancillary Services Testing Process Flowchart	2.0	7/19/2005	Yes	No	No	No
G-213G	A/S Test Administrator Test Form	2.0	12/17/2007	Yes	No	No	No
G-213H	Black Start Test Report Form	2.0	7/2/2008	Yes	No	No	No
G-213I	Black Start Process Flowchart	3.0	6/10/2008	Yes	No	No	No
G-214	Unannounced Compliance Testing	1.0	6/22/2007	Yes	No	No	No
G-215	Sutter-Pilot Pseudo Tie Generating Unit	1.0	12/1/2005	No	No	Yes	No
G-217	South of Lugo Generation Requirements	3.1	5/1/2008	No	Yes	No	Yes

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G-219	SCE Area Generation Requirement	6.0	5/1/2008	No	Yes	No	Yes
G-233	Bay Area Generation Commitment	14.5	8/29/2008	No	Yes	Yes	Yes
G-233B	Bay Area Commitment and Assumption Matrices (Tables 1 & 2) & Commitment Nomograms (Graphs 1 & 2)	20.1	11/1/2008	No	No	Yes	Yes
G-233C	Delta Dispatch Generating Unit Selection	4.0	5/9/2005	No	Yes	No	Yes
G-233D	Delta Dispatch Instructions	7.0	4/10/2006	No	Yes	Yes	Yes
G-233E	Bay Area Generation Groups	11.0	1/1/2008	No	Yes	Yes	Yes
I-1203	BPA-CAISO Communications Facilities	2.0	6/23/2005	No	No	Yes	Yes
I-1203A	Primary CAISO/BPA Voice Communication Interface	2.1	11/28/2006	No	No	Yes	Yes
I-1203B	Communication Facilities Contacts	2.0	6/23/2005	No	No	Yes	Yes
M-401	Real Time Intra-Zonal Congestion Management	10.4	10/18/2006	Yes	No	No	No
M-401A	Reliability Must-Run References	6.0	1/12/2007	No	No	No	Yes

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M-401B	Effectiveness Factors	4.2	7/11/2008	Yes	No	No	No
M-402	Ancillary Service Procurement	6.1	11/4/2005	Yes	No	No	No
M-403	Real Time Dispatching	6.0	11/15/2006	Yes	No	No	No
M-406	Administrative Price	3.0	6/29/2004	Yes	No	No	No
M-407	Real-Time Inter-Zonal Congestion Management for SWPL	2.8	1/1/2008	No	Yes	No	Yes
M-407A	Palo Verde Branch Group	1.0	2/13/2002	No	Yes	No	Yes
M-407B	SRP - PV Transmission System Interchange Scheduling and Congestion Management	9.0	3/18/2005	No	Yes	No	Yes
M-407C	APS's Palo Verde West Operating Guidelines	--	9/27/2006	No	No	Yes	No
M-410	CAISO Client Inquiry	1.7	9/25/2007	Yes	No	No	No
M-414	Hour-Ahead Transmission De-Rate Notification	2.4	12/20/2004	Yes	No	No	No
M-414A	Template for De-Rate	2.1	7/25/2002	Yes	No	No	No

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M-423	Scheduling the Use of Existing Transmission Contract Rights and Transmission Ownership Rights	3.6	7/7/2006	Yes	No	No	No
M-423A	ETC/TOR Instructions	1.1	10/7/2004	Yes	No	No	No
M-424	Existing Transmission Contract Calculator Update	2.2	9/15/2005	No	No	Yes	No
M-424A	ETC Calculator Instruction Manual	1.0	7/8/2005	No	No	Yes	Yes
M-425	Out-of-Sequence and Out-of-Market Dispatch	3.1	11/12/2008	Yes	No	No	No
M-426	Ancillary Service Availability Validation	1.3	10/1/2004	Yes	No	No	No
M-430	Splitting Operating Reserve Energy from Imbalance Energy	3.0	6/2/2008	Yes	No	No	No
M-431	Proxy Bid-Price Creation for Must Offer Units	3.0	10/1/2004	No	No	No	Yes
M-431A	Detail of Proxy Bid Calculation	1.0	5/29/2001	No	No	No	Yes
M-432	Must-Offer Waivers	3.2	12/27/2006	Yes	No	No	No
M-432A	Logging Must Offer Waivers	5.3	5/2/2008	No	No	No	Yes

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M-432B	MOUC Computer Application Guidelines	4.0	4/30/2007	No	No	Yes	No
M-432C	Must-Offer Unit Commitment Process	5.0	12/27/2006	Yes	No	No	No
M-432D	Locational Procurement in the SCE Area	3.1	1/4/2007	No	Yes	No	No
M-432E	Filling Out a MOW Request	1.0	8/3/2005	No	No	No	No
M-433	Automatic Mitigation Procedure (AMP)	2.2	10/1/2004	Yes	No	No	No
M-434	Publishing Identities of Late Scheduling Coordinators	4.0	7/8/2005	Yes	No	No	No
M-437	Non-OTC Scheduling Limits for Congestion Management	1.2	6/27/2005	No	No	Yes	No
M-438	Local Area Reliability Capacity Commitment	3.0	3/7/2007	Yes	No	No	No
M-438A	Local Capacity Commitment Areas	3.0	2/12/2007	Yes	No	No	No
M-438B	Capacity Commitment Tables	5.0	5/1/2008	Yes	No	No	No
M-439	Portfolio Balancing	1.0	8/10/2005	Yes	No	No	No

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N-701	Operating Procedure Exchange Process Between CAISO and Other Entities	1.6	3/1/2007	Yes	No	No	No
N-702	Public Information	1.7	9/13/2006	Yes	No	No	No
N-702A	CAISO Office of Communications & Public Relations Contacts	1.5	9/13/2006	No	No	Yes	No
N-703	Significant Event Notification, Reporting and Investigation	7.1	6/6/2007	Yes	No	No	No
N-703A	DOE, NERC & WECC Significant Event Reporting Requirements	1.4	9/4/2007	Yes	No	No	No
S-301	Unscheduled Flow	5.2	8/21/2008	Yes	No	No	No
S-301A	WECC Unscheduled Flow Reduction Procedure	1.1	4/19/2002	Yes	No	No	No
S-301C	WECC UFAS Admin Practice 002-Qualified Path Loading Required to Request Relief of unscheduled Flow	1.0	9/16/1999	Yes	No	No	No
S-301D	WECC UFAS Practice 005 - Rapid Advancement to Latter Steps of Procedure	1.3	6/17/1998	Yes	No	No	No
S-301E	Determining Qualified Path Values for USF	1.2	4/3/2006	Yes	No	No	No
S-303	Schedule Curtailments, Curtailments	2.0	6/19/2006	Yes	No	No	No

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S-304	Supplemental Energy & Ancillary Service Interchange Scheduling	4.0	1/31/2006	Yes	No	No	No
S-310	Inadvertent Interchange Payback	2.7	8/13/2007	Yes	No	No	No
S-311	Real-Time and After the Fact Check-Out Requirements	3.0	12/17/2007	Yes	No	No	No
S-312	Pre-schedule Check-Out Requirements	3.0	9/14/2006	Yes	No	No	No
S-313	NERC Tagging Requirements	3.6	7/11/2007	Yes	No	No	No
S-313A	POR/POD-Scheduling Path Cross Reference	7.0	3/28/2007	Yes	No	No	No
S-315	Emergency Overload Mitigation for Stability Rated Paths	3.1	8/1/2007	Yes	No	No	No
S-315A	COI Path Operator N-S Emergency Overload Mitigation	6.0	5/19/2006	Yes	No	No	No
S-315B	Mead - Parker Curtailment Instructions	1.2	5/19/2006	Yes	No	No	No
S-315C	Emergency Controller Adjustments for PDCI Derates in the N-S Direction	2.2	6/21/2006	Yes	No	No	No
S-315D	Emergency Overload Mitigation for SCIT/EOR Nomogram Derate	2.0	5/11/2006	No	No	Yes	No

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S-316	New Melones Pseudo-Tie	2.1	12/5/2006	No	No	No	Yes
S-317	BPA-CAISO Information exchange	1.4	9/19/2005	No	No	Yes	Yes
S-317A	CAISO/BPA Communication Channels	1.4	9/19/2005	No	No	Yes	Yes
S-317B	BPA Operational Contacts	1.4	9/19/2005	No	No	Yes	Yes
S-317C	ISO Operational Contacts	1.5	9/19/2005	No	No	Yes	Yes
S-318	Out of Market Energy Transactions on the Inter-ties	3.0	10/16/2007	Yes	No	No	No
S-320	Eldorado Branch Group Scheduling	2.2	9/27/2007	Yes	No	No	No
S-321	PDCI Scheduling and Repayment of Losses	2.2	7/10/2008	No	No	No	Yes
S-322	Transmission Reliability Margin (TRM) and Capacity Benefit Margin (CBM)	3.1	5/11/2007	Yes	No	No	No
S-322A	CBM Calculator	3.0	11/20/2006	No	Yes	Yes	Yes
S-322B	PV TRM Calculator Instructions	3.0	3/4/2008	No	Yes	Yes	Yes

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S-326	Southern Cities Branch Groups OTC Determination and Schedule Submission	3.1	12/16/2005	Yes	No	No	No
S-326A	Physical Transmission System	6.0	3/28/2008	No	No	Yes	No
S-326B	Branch Groups	5.0	5/19/2006	No	No	Yes	No
S-326C	IPP-Adelanto OTC and Curtailments	5.0	5/13/2005	No	No	Yes	No
S-326D	Marketplace and Westwing OTC and Curtailments	3.0	1/1/2005	No	No	Yes	No
S-326E	Lugo-Victorville Curtailments - OTC	4.0	6/9/2006	No	No	Yes	No
S-326F	IPP - Entitlement - ETCC Data	6.2	10/3/2008	No	No	Yes	No
S-326G	NERC Tags and SI Entry	3.1	1/1/2005	Yes	No	No	No
S-326H	Instructions for Outage Coordinators and Transmission Dispatchers	3.1	12/16/2005	No	No	Yes	No
S-326I	Adelanto-Sylmar OTC and Curtailment	4.0	4/2/2008	No	No	Yes	No
S-326J	Wheel Loss Adjustment	4.0	3/18/2005	Yes	No	No	No

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S-326K	IPP Generation Schedules	4.0	3/23/2006	No	No	Yes	No
S-328	Scheduling for Stranded Load	3.1	7/13/2007	No	Yes	Yes	Yes
S-328A	Drum-Summit Intertie One-line Diagram	1.1	12/1/2006	No	Yes	Yes	Yes
S-328B	Control-Silver Peak Intertie One-line Diagram	1.1	12/1/2006	No	Yes	Yes	Yes
S-328C	Eagle Mtn.-Blythe Intertie One-line Diagram	1.1	12/1/2006	No	Yes	Yes	Yes
S-328D	Cascade-Crag View Diagram	1.1	12/1/2006	No	Yes	Yes	Yes
S-330	CRN Transfer - Day Ahead	1.0	1/1/2005	Yes	No	No	No
S-330A	Secondary CRN Request	1.0	1/1/2005	Yes	No	No	No
T-101	Remedial Action Schemes	3.3	11/29/2006	No	No	No	Yes
T-102	COI, PDCI North of John Day Nomogram	7.4	11/5/2008	Yes	No	No	No
T-103	EOR - SCIT	8.3	11/5/2008	Yes	No	No	No

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T-103A	EOR - SCIT Nomogram	8.6	11/5/2008	Yes	No	No	No
T-103B	SCIT Nomogram Axis and Reduction Tables	6.9	11/5/2008	Yes	No	No	No
T-103C	Minimum Generation Capacity Requirement For SCIT Inertia Support	3.1	11/5/2008	No	Yes	No	No
T-104	California Simultaneous Import Nomogram (CASI)	3.0	10/7/2008	No	No	No	Yes
T-104A	CASI Nomogram Table	2.3	4/15/2008	No	No	No	Yes
T-104B	4 Nomograms: Fall-Winter; On-Peak; No Helms Units Pumping; 0, 1, 2, or 3 Palo Verde Units On-line	2.2	8/1/2001	No	No	No	Yes
T-104C	4 Nomograms: Fall-Winter; Off-Peak; No Helms Units Pumping; 0, 1, 2, or 3 Palo Verde Units On-line	2.2	8/1/2001	No	No	No	Yes
T-104D	4 Nomograms: Fall-Winter; Off-Peak; 1 or More Helms Pumping; 0, 1, 2, or 3 Palo Verde Units On-line	2.2	8/1/2001	No	No	No	Yes
T-104E	4 Nomograms Fall-Winter; On-Peak; No Helms Pumping; Navajo Intermediate; 0, 1, 2, or 3 Palo Verde	2.2	8/1/2001	No	No	No	Yes
T-104F	4 Nomograms: Fall-Winter; Off-Peak; No Helms Pumping; Navajo Intermediate; 0, 1, 2, or 3 Palo Verde	2.2	8/1/2001	No	No	No	Yes
T-104G	4 Nomograms: Fall-Winter; Off-Peak; 1 or More Helms Units Pumping; Navajo; 0, 1, 2 or 3 Palo Verde	2.2	8/1/2001	No	No	No	Yes

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T-104H	4 Nomograms For: Spring; On and Off-Peak; Navajo Intermediate Compensation; 0, 1, 2, or 3 Palo Verde	2.2	8/1/2001	No	No	No	Yes
T-104I	4 Nomograms For: Spring; On and Off-Peak; 0, 1, 2, or 3 Palo Verde Units On-Line	2.2	8/1/2001	No	No	No	Yes
T-104J	4 Nomograms For: Summer; On and Off-Peak; 0, 1, 2, or 3 Palo Verde Units On-Line	2.2	8/1/2001	No	No	No	Yes
T-105	Voltage and VAR Control	3.3	4/15/2008	Yes	No	No	No
T-106	Pacific DC Intertie Transmission Line	3.7	5/1/2008	Yes	No	No	No
T-107	HVAC Transmission	1.5	9/25/2006	Yes	No	No	No
T-108	Transmission Monitoring & Control to Satisfy IDB-SDGE Local Debt Requirement	1.4	6/10/2004	No	Yes	Yes	Yes
T-109	CAISO Interconnection Switching Procedure	2.0	10/12/2006	Yes	No	No	No
T-109A	APS Switching Operations	2.0	10/12/2006	No	No	Yes	Yes
T-109B	BPA Switching Operations	2.0	10/12/2006	No	No	Yes	Yes
T-109C	CFE Switching Operations	2.0	10/12/2006	No	No	Yes	Yes

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T-109D	IID Switching Operations	3.0	10/12/2006	No	No	Yes	Yes
T-109E	LADWP Switching Operations	2.0	10/12/2006	No	No	Yes	Yes
T-109F	NEVP Switching Operations	2.0	10/12/2006	No	No	Yes	Yes
T-109G	PACW Switching Operations	2.0	10/12/2006	No	No	Yes	Yes
T-109H	PASA Switching Operations	2.0	10/12/2006	No	No	Yes	Yes
T-109I	SPPC Switching Operations	3.0	2/7/2008	No	No	Yes	Yes
T-109J	SRP Switching Operations	2.0	10/12/2006	No	No	Yes	Yes
T-109K	WALC Switching Operations	2.0	10/12/2006	No	No	Yes	Yes
T-109L	SMUD Switching Operations	2.0	10/12/2006	No	No	Yes	Yes
T-109M	TID Switching Operations	2.0	10/12/2006	No	No	Yes	No
T-111	Transmission Jurisdiction	7.0	5/13/2008	No	No	No	Yes

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T-112	Offsite Power Requirements for Nuclear Power Plants	4.3	6/26/2008	No	Yes	Yes	Yes
T-112D	Big Creek to SONGS Start-Up Power Actions and Voltage Profile, Vincent-Serrano Route	1.0	3/20/2002	No	Yes	Yes	Yes
T-112E	Big Creek to SONGS Start-Up Power Actions and Voltage Profile, Vincent-Mira Loma-Chino Route	1.0	3/20/2002	No	Yes	Yes	Yes
T-112F	Hoover to SONGS Start-Up Power Actions and Voltage Profile	1.0	3/20/2002	No	Yes	Yes	Yes
T-112G	PG&E Appendix A- Guidelines for Restoration of Electric Service With full Communication	1.0	12/1/2004	No	No	Yes	Yes
T-113	Scheduled and Forced Outages	7.1	10/10/2008	Yes	No	No	No
T-113A	CAISO Folsom Outage Coordination Contact Information	3.1	12/18/2007	No	No	No	Yes
T-113B	Transmission Outage Request	2.3	12/18/2007	Yes	No	No	No
T-113D	Status of Emissions Limitations	1.1	12/18/2007	Yes	No	No	No
T-113E	Outages to Connect New or Re-arranged Facilities	2.3	11/6/2006	No	No	Yes	No
T-113F	SDG&E Delegation Authority and Critical Facilities List	4.0	5/15/2007	No	No	Yes	No

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T-113G	SCE Delegation Authority and Critical Facilities List	2.3	10/23/2006	No	No	Yes	No
T-113H	PG&E Delegation Authority & Critical Facilities List	2.2	1/29/2002	No	No	Yes	No
T-113I	Generation Facility(ies) Outage Notification Process	1.2	12/18/2007	Yes	No	No	No
T-113J	CDWR - SWP System	3.0	5/28/2008	No	No	Yes	No
T-113K	Outage Management Seniority Lottery Draft	1.1	12/18/2007	Yes	No	No	No
T-113L	SC SLIC Web Client (Electronic Only)	2.0	1/22/2004	Yes	No	No	No
T-113M	PTO SLIC Web Client (Electronic Only)	2.0	1/22/2004	Yes	No	No	No
T-113N	Outage Reporting	3.0	9/26/2008	Yes	No	No	No
T-113O	Transmission Induced Generation Outages	2.0	4/29/2008	Yes	No	No	No
T-113P	WAPA-WASN 500 kV Outage Coordination	1.2	12/18/2007	No	No	Yes	No
T-113Q	List of PG&E Transmission System Equipment Outages Significant to CRRs	1.0	7/2/2008	No	No	Yes	No

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T-113R	List of SCE Transmission System Equipment Outages Significant to CRRs	1.0	7/2/2008	No	No	Yes	No
T-113S	List of SDG&E Transmission System Equipment Outages Significant to CRRs	1.0	7/2/2008	No	No	Yes	No
T-116	AC/DC Nomogram for North-to-South Flow	15.2	11/5/2008	Yes	No	No	No
T-116A	2007 Summer AC/DC North-to-South Nomogram	15.7	11/5/2008	Yes	No	No	No
T-116D	Table Mountain Mechanically Switched Capacitors (MSCs)	5.2	11/5/1988	No	No	Yes	Yes
T-116Q	Quick Reference - Operations Summary for the COI and the PDCI	7.1	11/5/2008	Yes	No	No	No
T-117	PDCI Loss-Block Remedial Action Scheme	5.2	5/1/2008	No	No	No	Yes
T-118	PG&E System 500 kV AC and 1000 kV DC Contingency Ratings	7.0	4/15/2008	No	No	Yes	Yes
T-118A	Outages South of COI - Curtailments of COI, PDCI, Path 15, & Midway-Vincent	11.1	11/14/2008	No	No	Yes	Yes
T-118B	Notes on 500 kV AC System Contingency SOL Limits	4.0	4/15/2008	No	No	Yes	Yes
T-120	Adverse Operating Conditions of Critical 500 and 230 kV Transmission Facilities	2.0	7/2/2008	No	No	No	Yes

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T-121	SMUD-CAISO Inter-Tie Operations	7.1	3/21/2007	No	No	Yes	Yes
T-121A	CAISO-SMUD Load, Generation & Inter-Connection Ratings	6.1	7/30/2007	No	No	Yes	No
T-121Z	Effectiveness Factors & Ratings - SMUD Balancing Area	1.3	8/16/2006	Yes	No	No	No
T-122	Path 15 (Midway-Los Banos)	13.0	11/5/1988	No	Yes	No	Yes
T-122A	West of Borah Versus Path 15 Nomograms	4.4	5/8/2008	No	Yes	Yes	No
T-122B	PG&E Operating Procedures for Operation of IRAS Controller (0-51)	--	7/1/2006	No	Yes	Yes	Yes
T-124	Coordinated Operation for Reliability	3.1	10/8/2008	No	No	No	Yes
T-126	San Francisco Dispatch Instructions	9.1	5/30/2008	No	Yes	Yes	Yes
T-126A	Sequence of Involuntary Load Curtailment, San Francisco and Peninsula Division (North of San Mateo)	3.0	7/24/2004	No	Yes	Yes	Yes
T-126B	Transmission Equipment Ratings Table	5.0	7/21/2006	No	Yes	Yes	Yes
T-129	Fresno Area Operating Instructions	18.5	9/3/2008	No	Yes	Yes	Yes

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T-129A	Emergency Operation Instructions for the Loss of Transmission or Gen Resources in the Fresno Area	3.0	6/30/2003	No	Yes	Yes	Yes
T-129B	Load Calculation and Area Sketch	6.4	4/3/2007	No	Yes	Yes	Yes
T-129C	Fresno Area Equipment Ratings & Intra-Zonal Congestion	8.4	11/15/2007	No	Yes	Yes	Yes
T-129D	Helms PGP RAS (HTT/RAS & HRAS)	5.4	2/20/2007	No	Yes	Yes	Yes
T-129E	Greater Fresno RAS/SPS/UVLS	4.1	1/19/2006	No	Yes	Yes	Yes
T-129F	Fresno Area Planned & Forced Outage Requirments	3.0	1/9/2008	No	Yes	Yes	Yes
T-129F	Fresno Area Planned & Forced Outage Requirments	3.0	1/9/2008	No	No	No	No
T-129Z	Fresno Area - Effectiveness Factors	5.0	9/3/2008	Yes	No	No	No
T-131	SONGS Voltage Nomogram Implementation Process at CAISO	1.0	7/12/2007	No	Yes	Yes	Yes
T-132	San Diego Area	7.11	9/29/2008	No	Yes	Yes	No
T-132A	Operation with Equipment Outages	2.9	9/29/2008	No	Yes	No	Yes

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T-132C	San Diego Area Limits Summary	1.9	9/29/2008	Yes	No	No	No
T-132E	Monitoring & Mitigation Measures for San Diego Area Miguel Import Nomogram	3.7	9/29/2008	No	Yes	Yes	No
T-133	Bay Area Transmission Management	17.3	11/14/2008	No	Yes	Yes	Yes
T-133A	Ratings, Bay Area Transmission Equipment	7.1	11/14/2008	No	No	Yes	Yes
T-133B	Bay Area Undervoltage Load Shedding Scheme (UVLS)	1.0	7/24/2001	No	Yes	Yes	Yes
T-133D	Sketches, Bay Area Transmission System	5.0	5/1/2006	No	Yes	Yes	Yes
T-133F	Gilroy Special Protection Scheme	1.3	6/1/2004	No	Yes	Yes	Yes
T-133Z	Effectiveness Factors- Bay Area	8.1	11/14/2008	Yes	No	No	No
T-135	Lugo-Victorville 500 kV Line (Path 61) Nomogram and Sylmar Transformer Banks (Path 41) Curtailment	7.1	7/11/2008	No	Yes	Yes	Yes
T-135A	Victorville- Lugo Nomograms	5.2	5/5/2008	No	Yes	No	Yes
T-135B	Sylmar Bank Flow Mitigation - LADWP	1.2	5/2/2008	No	No	Yes	No

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T-137	Serrano 500/220 AA Transformer Bank Overload Mitigation	6.0	5/9/2008	No	Yes	Yes	Yes
T-137Z	Effectiveness Factors-Serrano 500/220 kV AA Transformer Bank	2.0	5/9/2008	Yes	No	No	No
T-138	Humboldt Area Transmission Management	4.1	4/14/2008	No	Yes	Yes	Yes
T-138A	Description of Fast Load Pick-up	2.0	3/31/2008	No	Yes	Yes	Yes
T-138B	Humboldt Undervoltage Load Shedding Scheme	3.0	3/31/2008	No	Yes	Yes	Yes
T-138C	Ratings, Humboldt Area Transmission Equipment	4.0	4/1/2008	No	Yes	Yes	Yes
T-138Z	Effectiveness Factors & Ratings - Humboldt Area	2.0	3/31/2008	Yes	No	No	No
T-139	Mira Loma 500/220kV AA Transformer Bank Overload Mitigation	4.2	9/7/2007	No	Yes	No	Yes
T-139Z	Effectiveness Factors - Mira Loma 500/220 kV	1.2	7/25/2007	Yes	No	No	No
T-141	Emergency Overload Mitigation for Path 15 in the South-to-North Direction Following Contingencies	2.6	6/1/2006	No	Yes	No	Yes
T-142	Emergency Overload Mitigation for SCIT Following Contingencies	3.2	1/1/2006	No	Yes	No	Yes

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T-144	South-of-Lugo 500 kV Lines	6.3	4/28/2008	No	Yes	Yes	Yes
T-144A	South-of-Lugo RAS Description	2.0	6/16/2006	No	Yes	Yes	Yes
T-145	Santiago 230 kV Bus Voltage after loss of Both San Onofre- Santiago 230 kV lines	1.5	3/22/2005	No	Yes	Yes	Yes
T-151	North Geysers Area - 115 kV	3.6	7/1/2008	No	Yes	No	Yes
T-151Z	North Geysers - Effectiveness Factors	3.0	8/26/2008	Yes	No	No	No
T-152	Huntington Beach Power Plant Units 1-4 Split Bus Operation	1.4	11/22/2004	Yes	No	No	No
T-153	Path 26 Contingency RAS for North-to-South and South-to-North Directions	1.8	4/2/2008	No	Yes	No	Yes
T-154	Drum Area Operations	6.0	4/2/2007	No	Yes	No	No
T-154A	Drum Area/Summit Inter-Tie Operations (available on Internet only)	5.0	4/2/2007	Yes	No	No	No
T-154B	SPS SEL-49 Relay Operations	1.1	10/23/2006	No	No	Yes	Yes
T-154C	Drum Area 10 a.m. - 7 p.m. Rating Exception Line Management	2.2	1/4/2008	No	Yes	Yes	Yes

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T-154D	Ratings, Drum Area Transmission Equipment	1.0	4/7/2005	No	Yes	No	Yes
T-154F	Marble Tie Management	1.4	9/9/2008	No	No	Yes	No
T-154Z	Drum Area - Effectiveness Factors	1.0	9/15/2005	Yes	No	No	No
T-156	Path 59 (CAISO-WALC Blythe Tie)	3.1	10/9/2008	No	No	No	Yes
T-156A	Path 59 Scheduling Capability Nomogram	1.1	11/9/2007	Yes	No	No	No
T-156B	Blythe - Eagle Mountain 161 kV Line Security Constrained Limit	1.1	11/9/2007	Yes	No	No	No
T-156C	Manual Blythe Power Reduction by WALC	1.1	11/9/2007	No	No	Yes	Yes
T-158	Serrano - Villa Park and Serrano - Lewis Line Clearance	4.0	5/9/2008	No	Yes	Yes	Yes
T-159	Vincent 500/220 kV AA Transformer Bank Overload Mitigation	2.7	5/6/2008	No	Yes	Yes	Yes
T-161	WECC Open Loop Operation	1.4	7/1/2008	No	Yes	No	Yes
T-163	South of Magunden Nomogram Operations	2.0	3/11/2005	No	Yes	Yes	Yes

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T-163A	South of Magunden N-0 Nomogram	2.0	5/2/2006	No	Yes	Yes	Yes
T-163B	South of Magunden N-1 Nomograms	3.0	5/2/2006	No	Yes	Yes	Yes
T-163C	South of Magunden N-2 Nomograms	3.0	7/24/2006	No	Yes	Yes	Yes
T-165	Palermo-Rio Oso Area Transmission Management	5.2	6/19/2008	No	Yes	Yes	Yes
T-165A	Ratings, Palermo - Rio Oso Area Transmission Equipment	2.7	6/2/2008	No	No	Yes	Yes
T-165Z	Effectiveness Factors - Palermo - Rio Oso Area	2.8	6/19/2008	Yes	No	No	No
T-166	Valley Springs Area Operations	1.2	1/9/2007	No	Yes	No	Yes
T-167	Tesla / Bellota Area Operating Instructions	4.2	7/10/2008	No	Yes	No	Yes
T-167Z	Tesla-Bellota Area - Effectiveness Factors	3.0	3/31/2008	Yes	No	No	No
T-168	Path 26 Midway - Vincent RAS	3.3	4/1/2008	No	Yes	Yes	Yes
T-168A	Path 26 (Midway - Vincent) RAS Nomogram	2.2	6/6/2007	No	Yes	Yes	Yes

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T-170	T-170 Mirage-Tamarisk 115 kV Line Overload Mitigation	3.3	7/27/2006	No	Yes	No	Yes
T-171	Antelope - Vincent 220 kV Overload Mitigation	3.0	9/18/2007	No	Yes	Yes	No
T-171Z	Effectiveness Factors – Antelope-Vincent 220 kV	1.1	9/20/2007	Yes	No	No	No
T-173	Westley Operations	1.2	3/17/2008	No	No	Yes	Yes
T-173Z	Effectiveness Factors - Westley Operations	1.0	6/22/2007	Yes	No	No	No
T-174	Parker-Gene Overload Mitigation	1.0	4/19/2006	No	No	No	Yes
T-174Z	Effectiveness Factors - Parker-Gene	1.0	4/19/2006	Yes	No	No	No
T-175	West of Devers	2.2	9/26/2006	No	No	No	Yes
T-175Z	Effectiveness Factors - West of Devers	3.0	3/4/2008	Yes	No	No	No