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17.4 The HASP

17.4.1 Scheduling Deadlines

17.5 The CAISO'S Real-Time Process

17.6 Inter-Balancing Authority Area TOR Self-Schedule Bid Changes

17.7 Intra-Balancing Authority Area TOR Self-Schedule Changes

17.8 Existing Contracts Re TORs For Non-Participating TOs

17.8.1 Participating TO Obligation

17.8.2 Right To Use And Ownership Of TORs

17.8.3 Dispute Resolution For Existing Contracts Applicable To TORs

17.9 Conversion Of PTOs' Rights Under Existing Contracts Re TORs

17.10 TOR Operational Obligations

18. [Not Used]

19. [Not Used]

19.1 [Not Used] 19.1.1 [Not Used] 19.1.2 [Not Used]

19.1.3 [Not Used]

19.2 [Not Used]

20. Confidentiality

20.1 CAISO 20.2 Confidential Information 20.3 Other Parties 20.4 Disclosure

20.5 Confidentiality

21. [Not Used]

22. Miscellaneous

- 22.1 Audits
 - 22.1.1 Materials Subject To Audit

22.1.2 CAISO Audit Committee

22.1.3 Audit Results

22.1.4 Availability Of Records

- 22.1.5 Confidentiality Of Information
- 22.1.6 Payments
- 22.2 Assignment
- 22.3 Term And Termination
 - 22.3.1 Effective Date Of CAISO Tariff
 - 22.3.2 Termination Of CAISO Tariff With Board And FERC Approval
- 22.4 Notice
 - 22.4.1 Effectiveness
 - 22.4.2 Addresses
 - 22.4.3 Notice Of Changes In Operating Procedures And BPMs
- 22.5 Waiver
- 22.6 Staffing And Training To Meet Obligations
- 22.7 Accounts And Reports
- 22.8 Applicable Law And Forum
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- 22.10 Administrative Fees

22.11 Operating Procedures And BPM Development And Amendment

- 22.11.1 Process For Revisions Of Business Practice Manuals
- 22.11.2 Changes To BPM For BPM Change Management
- 22.11.3 Requests For And Access To Nonpublic Operating Procedures
- 22.12 [Not Used]

22.13 Scheduling Responsibilities And Obligations

23. Categories Of Transmission Capacity

24. Comprehensive Transmission Planning Process

- 24.1 Overview
 - 24.1.1 [Not Used]
 - 24.1.2 [Not Used]
 - 24.1.3 [Not Used]
 - 24.1.4 [Not Used]

24.2 Nature of the Transmission Planning Process

- 24.2.1 [Not Used]
- 24.2.2 [Not Used]
- 24.2.3 [Not Used]
- 24.2.4 [Not Used]
- 24.3 Transmission Planning Process Phase 1

- 24.3.1 Inputs to the Unified Planning Assumptions and Study Plan
- 24.3.2 Contents of the Unified Planning Assumptions and Study Plan
- 24.3.3 Stakeholder Input Unified Planning Assumptions/Study Plan
- 24.3.4 Economic Planning Studies
- 24.3.5 [Not Used]
- 24.4 Transmission Planning Process Phase 2
 - 24.4.1 Conducting Technical Studies
 - 24.4.2 Submission of Reliability Driven Projects
 - 24.4.3 Phase 2 Request Window
 - 24.4.4 Comment Period of Conceptual Statewide Plan
 - 24.4.5 Determination of Needed Transmission Projects and Elements
 - 24.4.6 Categories of Transmission Projects
 - 24.4.7 Description of Transmission Elements
 - 24.4.8 Additional Contents of Comprehensive Transmission Plan
 - 24.4.9 Phase 2 Stakeholder Process
 - 24.4.10 Transmission Plan Approval Process
- 24.5 Transmission Planning Process Phase 3
 - 24.5.1 Project Submissions
 - 24.5.2 Project Selection
 - 24.5.3 Notice to Project Sponsors
- 24.6 Obligation to Construct Transmission Projects
 - 24.6.1 [Not Used]
 - 24.6.2 [Not Used]
 - 24.6.3 [Not Used]
- 24.7 Documentation of Compliance with NERC Reliability Standards
- 24.8 Additional Planning Information
 - 24.8.1 Information Provided by Participating TOs
 - 24.8.2 Information Provided by Participating Generators
 - 24.8.3 Information Requested from Load Serving Entities
 - 24.8.4 Information from Planning Groups, BAAs and Regulators
 - 24.8.5 Obligation to Provide Updated Information
- 24.9 Participating TO Study Obligation
- 24.10 Operational Review
 - 24.10.1 [Not Used]
 - 24.10.2 [Not Used]
 - 24.10.3 [Not Used]
 - 24.10.4 [Not Used]
- 24.11 State and Local Approval and Property Rights
 - 24.11.1 PTO Requirement to Seek Necessary Approvals and Rights
 - 24.11.2 Consequences of PTO Inability to Obtain Approvals and Rights
 - 24.11.3 Conferral of Right to Build Facilities on Third Party
- 24.12 WECC and Regional Coordination
- 24.13 Regional and Sub-Regional Planning Process
 - 24.13.1 Scope of Regional or Sub-Regional Planning Participation
 - 24.13.2 Limitation on Regional Activities
- 24.14 Cost Responsibility for Transmission Additions or Upgrades
 - 24.14.1 Project Sponsor Commitment to Pay Full Cost
 - 24.14.2 Cost of Needed Addition or Upgrade to be Borne by PTO
 - 24.14.3 CRR Entitlement for Project Sponsors not Recovering Costs
 - 24.14.4 Treatment of New High Voltage Facilities Costs in HVAC
- 24.15 Ownership of and Charges for Expansion Facilities
 - 24.15.1 Transmission Additions and Upgrades Under TCA
 - 24.15.2 Access and Charges for Transmission Additions and Upgrades
- 24.16 Expansion by Local Furnishing Participating TOs

25. Interconnection Of Generating Units And Facilities

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- 25.1.1 Interconnection Request And Generating Unit Requirements
- 25.1.2 Affidavit Requirement
- 25.2 Interconnections To The Distribution System
- 25.3 Maintenance Of Encumbrances
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26. Transmission Rates And Charges

- 26.1 Access Charges
 - 26.1.1 Publicly Owned Electric Utilities Access Charge
 - 26.1.2 High Voltage Access Charge And Transition Charge Settlement
 - 26.1.3 Disbursement Of HVAC And Transition Charge Revenues
 - 26.1.4 Wheeling
 - 26.1.5 Unbundled Retail Transmission Rates
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- 26.4 Effect On Tax-Exempt Status
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- 26.6 Location Constrained Resource Interconnection Facilities
 - 26.6.1 LCRIFs That Become Network Facilities

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 - 27.1.1 Locational Marginal Prices For Energy
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 - 27.1.3 Regulation Mileage Clearing Price
- 27.2 Load Aggregation Points (LAP)
 - 27.2.1 Metered Subsystems
 - 27.2.2 Determination Of LAP Prices
- 27.3 Trading Hubs
- 27.4 Optimization In The CAISO Markets Processes
 - 27.4.1 Security Constrained Unit Commitment
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 - 27.4.3 CAISO Markets Scheduling And Pricing Parameters
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 - 27.5.1 Network Models used in CAISO Markets
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 - 27.5.3 Integrated Balancing Authority Areas
 - 27.5.4 Accounting For Changes In Topology In FNM
 - 27.5.5 Load Distribution Factors
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- 27.6 State Estimator
- 27.7 Constrained Output Generators
 - 27.7.1 Election Of Constrained Output Generator Status
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 - 27.7.3 Constrained Output Generators In The IFM
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 - 27.7.5 Constrained Output Generators In The Real-Time Market
- 27.8 Multi-Stage Generating Resources
 - 27.8.1 Registration and Qualification
 - 27.8.2 Informational Requirements
 - 27.8.3 Changes in Status and Configurations of Resource
- 27.9 Non-Generator Resources MWh Constraints
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28. Inter-SC Trades

28.1 Inter-SC Trades Of Energy

28.1.1 Purpose

28.1.2 Availability Of Inter-SC Trades Of Energy

- 28.1.3 Submission Of Inter-SC Trades Of Energy
- 28.1.4 Information Requirements
- 28.1.5 General Validation Rules For Inter-SC Trades
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- 28.2 Inter-SC Trades Of Ancillary Services
 - 28.2.1 Information Requirements
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 - 28.2.3 Submission Of Inter-SC Trades Of Ancillary Services
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 - 28.3.1 Information Requirements
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29. [Not Used]

30. Bid And Self-Schedule Submission For All CAISO Markets

- 30.1 Bids, Including Self-Schedules
 - 30.1.1 Day-Ahead Market
 - 30.1.2 HASP And Real-Time Market
- 30.2 Bid Types
- 30.3 [Not Used]
- 30.4 Election For Start-Up Costs And Minimum Load Costs
 - 30.4.1 Start-Up and Minimum Load Costs
 - 30.4.2 Transition Costs
- 30.5 Bidding Rules
 - 30.5.1 General Bidding Rules
 - 30.5.2 Supply Bids
 - 30.5.3 Demand Bids
 - 30.5.4 Wheeling Through Transactions
 - 30.5.5 Scheduling Sourcing/Sinking in Same Balancing Authority Area
- 30.6 Bidding and Scheduling of Proxy Demand Resources
 - 30.6.1 Bidding and Scheduling Generally
 - 30.6.2 [Not Used]
 - 30.6.3 Net Benefits Test For Scheduling of PDRs
- 30.7 Bid Validation
 - 30.7.1 Scheduling Coordinator Access
 - 30.7.2 Timing Of CAISO Validation
 - 30.7.3 DAM Validation
 - 30.7.4 HASP And RTM Validation
 - 30.7.5 Validation Of ETC Self-Schedules
 - 30.7.6 Validation And Treatment Of Ancillary Services Bids
 - 30.7.7 Format And Validation Of Operational Ramp Rates
 - 30.7.8 Format And Validation Of Start-Up And Shut-Down Times
 - 30.7.9 Format And Validation Of Start-Up Costs And Shut-Down Costs
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- 30.8 Bids On Out-Of-Service Paths At Scheduling Points Prohibited 30.9 Virtual Bids
 - 30.9.1 Virtual Bid Components
- 30.10 Use of AC Solution and Nodal Constraints

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- 31.1 Bid Submission And Validation In The Day-Ahead Market
- 31.2 Day-Ahead MPM Process

- 31.2.1 The Market Power Mitigation Process
- 31.2.2 Bid Mitigation for RMR Units
- 31.2.3 Bid Mitigation for Non-RMR Units
- 31.3 Integrated Forward Market
 - 31.3.1 Market Clearing And Price Determination
 - 31.3.2 Congestion And Transmission Losses Cost Determination
 - 31.3.3 Metered Subsystems
- 31.4 CAISO Market Adjustments To Non-Priced Quantities In The IFM
- 31.5 Residual Unit Commitment
 - 31.5.1 RUC Participation
 - 31.5.2 Metered Subsystem RUC Obligation
 - 31.5.3 RUC Procurement Target
 - 31.5.4 RUC Procurement Constraints
 - 31.5.5 Selection And Commitment Of RUC Capacity
 - 31.5.6 Eligibility For RUC Compensation
 - 31.5.7 Rescission Of Payments For RUC Capacity
- 31.6 Timing Of Day-Ahead Scheduling
 - 31.6.1 Criteria For Temporary Waiver Of Timing Requirements
 - 31.6.2 Information To Be Published On Secure Communication System
 - 31.6.3 Conditions Permitting CAISO To Abort Day-Ahead Market
 - 31.6.4 [Not Used]
- 31.7 Extremely Long-Start Commitment Process
- 31.8 [Not Used]

32. [Not Used]

33. Hour-Ahead Scheduling Process (HASP)

- 33.1 Submission Of Bids For The HASP And RTM
- 33.2 The HASP Optimization
- 33.3 Treatment Of Self-Schedules In HASP
- 33.4 MPM For The HASP
- 33.5 [Not Used]
- 33.6 HASP Results
- 33.7 Ancillary Services in the HASP
- 33.8 HASP Prices For HASP Intertie Schedules
 - 33.8.1 Eligibility To Set The HASP Intertie LMP
- 33.9 Cessation Of The HASP

34. Real-Time Market

- 34.1 Inputs To The Real-Time Market
- 34.2 Real-Time Unit Commitment
 - 34.2.1 Commitment Of Fast Start And Short Start Units
 - 34.2.2 Real-Time Ancillary Services Procurement
 - 34.2.3 MPM For The Real-Time Market
- 34.3 Real-Time Dispatch
 - 34.3.1 Real-Time Economic Dispatch
 - 34.3.2 Real-Time Contingency Dispatch
 - 34.3.3 Real-Time Manual Dispatch
- 34.4 Short-Term Unit Commitment
- 34.5 General Dispatch Principles
- 34.6 Dispatch of Dispatch to Units, Participating Loads, and PDR
- 34.7 Utilization Of The Energy Bids
- 34.8 Dispatch Of Energy From Ancillary Services
- 34.9 Exceptional Dispatch
 - 34.9.1 System Reliability Exceptional Dispatches
 - 34.9.2 Other Exceptional Dispatch
 - 34.9.3 Transmission-Related Modeling Limitations

34.9.4 Reporting Requirements

- 34.10 CAISO Market Adjustment To Non-Priced Quantities In The RTM
 - 34.10.1 Increasing Supply
 - 34.10.2 Decreasing Supply
- 34.11 Means Of Dispatch Communication
 - 34.11.1 Response Required By Resources To Dispatch Instructions
 - 34.11.2 Failure To Conform To Dispatch Instructions
- 34.12 Metered Subsystems
- 34.13 Treatment Of Resource Adequacy Capacity In The RTM
- 34.14 Real-Time Activities In The Hour Prior To Settlement Period
- 34.14.1 Confirm Interchange Transaction Schedules (ITSs)
- 34.15 Rules For Real-Time Dispatch Of Imbalance Energy Resources
 - 34.15.1 Resource Constraints
 - 34.15.2 Calculation Of Dispatch Operating Points After Instructions
 - 34.15.3 [Not Used]
 - 34.15.4 Inter-Hour Dispatch Of Resources With Real-Time Energy Bids
 - 34.15.5 Inter-Hour Resources Dispatch Without Real-Time Energy Bids
 - 34.15.6 Intra-Hour Exceptional Dispatches
- 34.16 Ancillary Services In The Real-Time Market
 - 34.16.1 [Not Used]
 - 34.16.2 Dispatch Of Self-Provided Ancillary Services
 - 34.16.3 Ancillary Services Requirements For RTM Dispatch
- 34.17 Dispatch Information And Instructions
 - 34.17.1 Dispatch Information To Be Supplied By The CAISO
 - 34.17.2 Dispatch Information To Be Supplied By SC
 - 34.17.3 Dispatch Information To Be Supplied By UDCs
 - 34.17.4 Dispatch Information To Be Supplied By PTOs
 - 34.17.5 Dispatch Information To Be Supplied By Balancing Authorities
- 34.18 [Not Used]
- 34.19 Pricing Imbalance Energy
 - 34.19.1 General Principles
 - 34.19.2 Determining Real-Time LMPs

35. Market Validation And Price Correction

- 35.1 Market Validation
- 35.2 Timing Of The Price Correction Process
- 35.3 Finality Of Prices Subject To The Price Correction Process
- 35.4 Scope Of Price Corrections
- 35.5 Price Correction Methodology
- 35.6 Weekly Price Correction Report

36. Congestion Revenue Rights

- 36.1 Overview Of CRRs And Procurement Of CRRs
- 36.2 Types Of CRR Instruments
 - 36.2.1 CRR Obligations
 - 36.2.2 CRR Options
 - 36.2.3 Point-To-Point CRRs
 - 36.2.4 [Not Used]
 - 36.2.5 Monthly CRRs
 - 36.2.6 Seasonal CRRs
 - 36.2.7 Long Term CRRs
 - 36.2.8 Full Funding Of CRRs
- 36.3 CRR Specifications
 - 36.3.1 Quantity
 - 36.3.2 Term
 - 36.3.3 On-Peak And Off-Peak Specifications

36.4 FNM For CRR Allocation And CRR Auction

36.4.1 Transmission Capacity For CRR Allocation And CRR Auction

36.4.2 Simultaneous Feasibility

36.4.3 Outages That May Affect CRR Revenue; Scheduling Requirements

36.5 Candidate CRR Holder And CRR Holder Requirements

36.5.1 Creditworthiness Requirements

36.5.2 Required Training

36.6 [Not Used]

36.7 Bilateral CRR Transactions

36.7.1 Transfer Of CRRs

36.7.2 Responsibility Of The CAISO

36.7.3 CRR Holder Reporting Requirement

36.8 CRR Allocation

36.8.1 Structure Of The CRR Allocation Process

36.8.2 Load Eligible For CRRs And Eligible CRR Sinks

36.8.3 CRR Allocation Process

36.8.4 Eligible Sources For CRR Allocation

36.8.5 Load Migration Between LSEs

36.8.6 Load Forecasts Used To Calculate CRR MW Eligibility

36.8.7 Reconfiguration of CRRs

36.9 CRR Allocation To OBAALSEs

36.9.1 Showing Of Legitimate Need

36.9.2 Prepayment Of Wheeling Access Charges

36.9.3 CRR Eligible Quantities

36.9.4 Eligible CRR Sources And Sinks

36.9.5 Priority Nomination Process

36.10 CRR Allocation To Metered Subsystems

36.11 CRR Allocation To Merchant Transmission Facilities

36.11.1 Eligibility For Merchant Transmission CRRs

36.11.2 Procedure For Allocating Merchant Transmission CRRs

36.11.3 CRRs Allocated To A Transmission Facility Project Sponsor

36.12 [Not Used]

36.13 CRR Auction

36.13.1 Scope Of The CRR Auctions

36.13.2 Responsibilities Of The CAISO Prior To Each CRR Auction

36.13.3 CRR Holder Creditworthiness

36.13.4 Bids In The CRR Auctions

36.13.5 Eligible Sources And Sinks For CRR Auction

36.13.6 Clearing Of The CRR Auction

36.13.7 Announcement Of CRR Auction Results

36.14 CRR Implications Of New IBAAs Or Modifying Existing IBAAs

36.14.1 Coordination Of IBAA Changes With Release Of CRRs

36.14.2 Modifications To CRR Settlement To Reflect Ibaa Changes

36.14.3 IBAA Change Impact On Adequacy Of Previously-Released CRRs

36.15 [Not Used]

37. Rules Of Conduct

37.1 Objectives, Definitions, And Scope

37.1.1 Purpose

37.1.2 Objectives

37.1.3 Application Of Other Remedies

37.1.4 [Not Used]

37.1.5 Administration

37.2 Comply With Operating Orders

37.2.1 Compliance With Orders Generally

37.2.2 [Not Used]

- 37.2.3 Operations & Maintenance Practices
- 37.2.4 Resource Adequacy Availability
- 37.2.5 [Not Used]
- 37.2.6 [Not Used]
- 37.3 Submit Feasible Bids And Submissions To Self-Provide
 - 37.3.1 Bidding Generally
 - 37.3.2 Exceptions
- 37.4 Comply With Availability Reporting Requirements
 - 37.4.1 Reporting Availability
 - 37.4.2 Scheduling And Final Approval Of Outages
 - 37.4.3 Explanation Of Forced Outages
 - 37.4.4 Enhancements And Exceptions
- 37.5 Provide Factually Accurate Information
 - 37.5.1 [Not Used]
 - 37.5.2 Inaccurate or Late Actual SQMD
- 37.6 Provide Information Required By CAISO Tariff
 - 37.6.1 Required Information Generally
 - 37.6.2 Investigation Information
 - 37.6.3 Audit Materials
 - 37.6.4 Review By FERC
- 37.7 [Not Used]
- 37.8 Process For Investigation And Enforcement
 - 37.8.1 Purpose; Scope
 - 37.8.2 Referrals To FERC
 - 37.8.3 Investigation
 - 37.8.4 Notice
 - 37.8.5 Opportunity To Present Evidence
 - 37.8.6 Results Of Investigation
 - 37.8.7 Statement Of Findings And Conclusions
 - 37.8.8 Officer Representative
 - 37.8.9 Record Of Investigation
 - 37.8.10 Review Of Determination
- 37.9 Administration Of Sanctions
 - 37.9.1 Assessment; Waivers And Adjustments
 - 37.9.2 [Not Used]
 - 37.9.3 Settlement
 - 37.9.4 Disposition Of Proceeds
- 37.10 Miscellaneous
 - 37.10.1 Time Limitation
 - 37.10.2 No Limitation On Other Rights
- 37.11 Method For Calculating Penalties
 - 37.11.1 Inaccurate or Late Actual SQMD Penalty
 - 37.11.2 Inaccurate Actual SQMD Penalty Without Recal. Sett. Stmt.

38. Market Monitoring

39. Market Power Mitigation Procedures

- 39.1 Intent Of CAISO Mitigation Measures; Additional FERC Filings
- 39.2 Conditions For The Imposition Of Mitigation Measures
 - 39.2.1 Conduct Inconsistent With Competitive Conduct
- 39.3 Categories Of Conduct That May Warrant Mitigation
 - 39.3.1 Conduct Regarding Bidding, Scheduling Or Facility Operation
 - 39.3.2 Market Effects Of Rules, Standards, Procedures, Other Items
 - 39.3.3 Using Different Prices In Other Markets Not Uncompetitive
 - 39.3.4 Foregoing Category List Subject To Amendment As Appropriate
- 39.4 Sanctions For Physical Withholding

39.5 FERC-Ordered Measures

- 39.6 Rules Limiting Certain Energy, AS, And RUC Bids
 - 39.6.1 Maximum Bid Prices
- 39.7 Local Market Power Mitigation For Energy Bids
 - 39.7.1 Calculation Of Default Energy Bids
 - 39.7.2 Competitive Path Designation
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- 39.8 Eligibility For Bid Adder
 - 39.8.1 Bid Adder Eligibility Criteria
 - 39.8.2 New Generating Units
 - 39.8.3 Bid Adder Values
- 39.9 CRR Monitoring And Affiliate Disclosure Requirements
- 39.10 Mitigation Of Exceptional Dispatches Of Resources
 - 39.10.1 Measures For Resources Eligible For Supplemental Revenues
 - 39.10.2 Resources Not Eligible For Supplemental Revenues
 - 39.10.3 Eligibility For Supplemental Revenues
 - 39.10.4 Limitation On Supplemental Revenues
 - 39.10.5 Calculation Of Exceptional Dispatch Supplemental Revenues
- 39.11 Market Power Mitigation Applicable to Virtual Bidding
 - 39.11.1 Affiliate Disclosure Requirements
 - 39.11.2 Monitoring of Virtual Bidding Activity

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- 40.1 Applicability
 - 40.1.1 Election Of Load Serving Entity Status
 - 40.2 Information Requirements For Resource Adequacy Programs
 - 40.2.1 Reserve Sharing LSEs
 - 40.2.2 Non-CPUC LSEs Electing Reserve Sharing LSE Status
 - 40.2.3 Modified Reserve Sharing LSEs
 - 40.2.4 Load Following MSS
 - 40.3 Local Capacity Area Resource Requirements For SCs For LSEs
 - 40.3.1 Local Capacity Technical Study
 - 40.3.2 Allocation Of Local Capacity Area Resource Obligations
 - 40.3.3 Procurement Of Local Capacity Area Resources By LSEs
 - 40.3.4 [Not Used]
 - 40.4 General Requirements On Resource Adequacy Resources
 - 40.4.1 Eligible Resources And Determination Of Qualifying Capacity
 - 40.4.2 Net Qualifying Capacity Report
 - 40.4.3 General Qualifications For Supplying Net Qualifying Capacity
 - 40.4.4 Reductions For Testing
 - 40.4.5 Reductions For Performance Criteria
 - 40.4.6 Reductions For Deliverability
 - 40.4.7 Submission Of Supply Plans
 - 40.5 Requirements Applying To Modified Reserve Sharing LSEs Only
 - 40.5.1 Day Ahead Scheduling And Bidding Requirements
 - 40.5.2 Demand Forecast Accuracy
 - 40.5.3 Requirement To Make Resources Available In System Emergency
 - 40.5.4 Consequence Of Failure To Meet Scheduling Obligation
 - 40.5.5 Substitution Of Resources
 - 40.6 Requirements For SCs And Resources For Reserve Sharing LSEs
 - 40.6.1 Day-Ahead Availability
 - 40.6.2 Real-Time Availability
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 - 40.6.7 Release Of Long Start Units

40.6.8 Use Of Generated Bids

40.6.9 Grandfathered Firm Liquidated Damages Contracts Requirements

40.6.10 Exports Of Energy From Resource Adequacy Capacity

40.6.11 Curtailment Of Exports In Emergency Situations

40.6.12 Participating Loads and Proxy Demand Resources

40.7 Compliance

40.7.1 Other Compliance Issues

40.7.2 Penalties For Non-Compliance

40.8 CAISO Default Qualifying Capacity Criteria

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40.9. Availability Standards And Payment; Non-Availability Charges

40.9.1 General

40.9.2 Exemptions

40.9.3 Availability Assessment Hours

40.9.4 Availability Determinations

40.9.5 Outage Reporting

40.9.6 Non-Availability Charges And Availability Incentive Payments

40.9.7 Assessment For NRS-RA Resources

40.9.8 Reporting

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41.1 Procurement Of Reliability Must-Run Generation By The CAISO

41.2 Designation Of Generating Unit As Reliability Must-Run Unit

41.3 Reliability Studies And Determination Of RMR Unit Status

- 41.4 Reliability Must-Run Contracts
- 41.5 RMR Dispatch

41.5.1 Day-Ahead And HASP RMR Dispatch

- 41.5.2 RMR Payments
- 41.5.3 RMR Units And Ancillary Services Requirements
- 41.6 Reliability Must-Run Charge

41.6.1 No Offsets To Responsible Utility's CAISO Invoice Payments

41.6.2 Refunds Of Disputed Amounts On RMR Invoices

41.6.3 Time-Frame For Responsible Utility To Dispute RMR Invoices

41.6.4 Disputes After Operational Compliance Review

41.6.5 Invoice Disputes Subject To RMR Contract Resolution Process

41.6.6 RMR Owner's Rights As A Third Party Beneficiary

41.7 Responsibility For Reliability Must-Run Charge

41.8 Responsibility For RMR Charges Associated With SONGS

41.9 Exceptional Dispatch Of Condition 2 RMR Units

41.9.1 Notification Required Before Condition 2 RMR Unit Dispatch

42. Adequacy Of Facilities To Meet Operating & Planning Reserve

42.1 Generation Planning Reserve Criteria

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42.1.2 Applicable Reliability Criteria Met In Peak Demand

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42.1.4 Lowest Cost Bids Satisfying Applicable Reliability Criteria

42.1.5 CAISO To Take Necessary Steps To Ensure Criteria Compliance

42.1.6 Long Term Forecast For Information Purposes

42.1.7 Reliance On Market Forces To Maximum Possible Extent

42.1.8 Allocation Of Costs Incurred By CAISO In Trading Hour To SCs

42.1.9 Costs For Difference In Schedules And Real-Time Deviations

43. Capacity Procurement Mechanism

43.1 Interim Capacity Procurement Mechanism

43.1.1 Capacity Procurement Mechanism Expiration

43.2 Capacity Procurement Mechanism Designation

43.2.1 SC Failure To Show Sufficient Local Capacity Area Resources

43.2.2 Collective Deficiency In Local Capacity Area Resources

43.2.3 SC Failure To Show Sufficient Resource Adequacy Resources

43.2.4 CPM Significant Events

43.2.5 Exceptional Dispatch CPM

43.2.6 Capacity At Risk Of Retirement Needed For Reliability

43.3 Terms of CPM Designation

43.3.1 SC Annual Plan Failure To Show Local Capacity Area Resources

43.3.2 SC Month Plan Failure To Show Local Capacity Area Resources

43.3.3 Annual Plan Collective LCA Resouces Insufficient

43.3.4 SC Failure To Show Sufficient Resource Adequacy Resources

43.3.5 Term – CPM Significant Event

43.3.6 Term – Exceptional Dispatch CPM

43.3.7 Term - Capacity At Risk Of Retirement Needed For Reliability

43.4 Selection of Eligible Capacity Under The CPM

43.5 Obligations of a Resource Designated Under The CPM

43.5.1 Availability Obligations

43.5.2 Obligation To Provide Capacity And Termination

43.6 Reports

43.6.1 CPM Designation Market Notice

43.6.2 Designation Of A Resource Under The CPM

43.6.3 Non-Market And Repeated Market Commitment Of Non-RA Capacity

43.6.4 [Not Used]

43.7 Payments To Resources Designated Under The CPM

43.7.1 Monthly CPM Capacity Payment

43.7.2 Resource-Specific CPM Capacity Payment

43.7.3 Market Payments

43.8 Allocation Of CPM Capacity Payment Costs

43.8.1 LSE Shortage Of Local Capacity Area Resources In Annual Plan

43.8.2 LSE Shortage Of Local Capacity Area Resources In Month Plan

43.8.3 Collective Deficiency In Local Capacity Area Resources

43.8.4 LSE Shortage Of Demand Or Reserve Margin Requirement In Plan

43.8.5 Allocation Of CPM Significant Event Costs

43.8.6 Allocation Of Exceptional Dispatch CPMs

43.8.7 Allocation of CPM Costs For Resources At Risk of Retirement 43.9 Crediting Of CPM Capacity

43.10 [Not Used]

44. [Not Used]

44.1 [Not Used] 44.2 [Not Used] 44.3 [Not Used]

Appendix A Definitions

Appendix B Pro Forma Agreements

Appendix B.1 Scheduling Coordinator Agreement

Appendix B.2 Participating Generator Agreement

Appendix B.3 Net Scheduled Participating Generator Agreement

Appendix B.4 Participating Load Agreement

Appendix B.5 Dynamic Scheduling Agreement For SCs

Appendix B.6 MSA For Metered Entities (MSA CAISOME)

Appendix B.7 Meter Service Agreement For SCs (MSA SC)

Appendix B.8 Utility Distribution Company OA (UDCOA)

Appendix B.9 DSHBA Operating Agreement (DSHBAOA)

Appendix B.10 Small Utility Distribution Co. OA (SUDCOA) Appendix B.11 Pro Forma CRR Entity Agreement Appendix B.12 MSS Aggregator CRR Entity Agent Agreement Appendix B.13 Resource-Specific System Resource Agreement Appendix B.14 Proxy Demand Resource Agreement Appendix B.15 Convergence Bidding Entity Agreement Appendix B.16 Pseudo-Tie Participating Generator Agreement

- Appendix C Locational Marginal Price
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- Appendix E Submitted Ancillary Services Data Verification
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- Appendix M Dynamic Scheduling Protocol (DSP)
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- Appendix O CAISO Market Surveillance Committee
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- Appendix Y GIP For Interconnection Requests

- Appendix Z LGIA For Interconnection Requests Process Under the GIP
- Appendix AA Transition Plan for Multi-Stage Generating Resources
- Appendix BB Standard Large Generator Interconnection Agreement for Interconnection Requests in a Serial Study Group
- Appendix CC Large Generator Interconnection Agreement for Interconnection Requests in a Queue Cluster Window
- Appendix DD Generator Interconnection and Deliverability Allocation Procedures (GIDAP)
- Appendix EE Large Generator Interconnection Agreement for Interconnection Requests Processed under the Generator Interconnection and Deliverability Allocation Procedures
- Appendix FF Small Generator Interconnection Agreement for Interconnection Requests Processed Under the Generator Interconnection and Deliverability Allocation Procedures
- Appendix GG One-Time Interconnecting Generator Downsizing Opportunity
- Appendix HH Generation Interconnection Agreement Amendment Re: Generator Downsizing
- Appendix II Market-Based Rate Authority Suspension