California Regulatory Happenings for the Week of June 18, 2018

California Public Utilities Commission

Issue	Latest Developments
CPUC Commissioner's Meeting	The next Commission meeting is scheduled for 7/12/18.
Renewable Portfolio Standard (RPS) (R.15- 02-020)	On 5/26/17, the ALJ issued a <u>proposed decision</u> implementing new compliance requirements for the RPS program in response to SB350. These new rules for long-term contracts start with the compliance period beginning 1/1/21. The changes affect the role of long-term contracts in RPS procurement requirements and the methodology for determining how excess procurement in one compliance period may be applied to later compliance periods. Various parties filed comments on 6/20/17. The <u>decision</u> was approved by the Commission at the 6/29/17 meeting.
	On 5/26/17 the Assigned Commissioner and ALJ issued a <u>ruling</u> identifying issues and a schedule of review for 2017 RPS procurement plans, the ruling asks for comments on the RAM proposal. Comments on the RAM proposal were due by 6/19/17 and reply comments were due by 6/30/17. Procurement plans were due by 6/30/17.
	On 8/24/17 the Commission adopted the Final Decision (D17-08-021) revising eligibility requirements for the RPS Feed-In Tariff in accordance with AB 1979 and AB 1923. These changes make it possible for hydroelectric generation facilities with effective capacity up to 4 MWs and bioenergy generation facilities with effective capacity up to 5 MWs to be eligible for feed-in tariffs as long as they meet other eligibility criteria. On 9/27/17 SDG&E, PG&E, and SCE filed an application for rehearing of Decision 17-08-021. The utilities allege that the decision is contrary to law and an abuse of discretion because footnotes 8 and 11 violate California law in authorizing facilities participating in BioMAT and ReMAT to sell power in excess of the statutory 3 MW limit under other CPUC programs. On 10/12/17 the Utica Water and Power Authority filed a response, advocating that the application for rehearing be denied and the implementation of the decision should not be delayed.
	On 8/2/17 Shell Energy North America filed a <u>petition for modification</u> of D.17-06-026. Shell is requesting a modification of the decision to permit an LSE to count, for RPS compliance (including the 65% Long-term requirement), a long-term contract, ownership, and/or ownership agreement that is held by an LSE's customer, if the customer conveys or assigns eligibility of the renewable energy and credits to the LSE. In addition Shell is requesting a modification to eliminate the requirement that an LSE"s repackaged portion of a long terms RPS contract have term of 10 years to qualify for the LSE's 65% long term requirement. On 9/1/17 PG&E, SCE and SDG&E filed a <u>joint response</u> in opposition to Shell's petition, ORA also filed a response in opposition.
	On 10/4/17, the ALJ issued a <u>ruling</u> requesting comment on a staff proposal for implementing AB 1923 provisions related to interconnection rules for bioenergy feed-in tariff under the California RPS. Comments were due by 10/24/17 and reply comments were due by 10/31/17.
	On 11/14/17, the ALJs in the proceeding published a <u>proposed decision</u> accepting draft 2017 RPS procurement plans, including the related solicitation protocols filed by PG&E, SCE and SDG&E. The proposed decision approves the request by PG&E, SCE and SDG&E to forgo holding a 2017 RPS solicitation and authorizes the utilities to conduct solicitations for the short-term (5 years or less), sales of RPS volumes during the timeframe covered by the 2017 RPS Procurement Plans. The utilities are still required to submit Tier 1 Advice Letters for Commission approval of short-term sales resulting from a solicitation. In addition

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the decision approves the request of the utilities to engage in bilateral transactions to sell RPS volumes, subject to the Commission review and approval via the Tier 3 Advice Letter process. The decision also approves the 2017 RPS Procurement plans filed by several small and multi-jurisdictional utilities, CCAs and ESPs. On 12/14/17 the decision was adopted by the Commission.

On 1/4/18 the ALJ issued a <u>ruling</u> requesting comments on how SB350 impacts determination of RPS penalties for noncompliance with and waivers of RPS procurement requirements to inform a future Commission decision on revisions to RPS enforcement rules in light of SB350. The ruling identifies various issues for comment. On 1/12/18 the ALJ extended the comment deadline to 2/1/18 and reply comments to 2/12/18.

On 1/12/18 Direct Energy Business, LLC, and on 1/19/18 Gexa Energy California, LLC and Liberty Power Holdings, LLC, filed motions requesting waiver of their respective RPS procurement requirements for compliance period one. Comments were due by 2/26/18. On 3/8/18 Direct Energy Business, LLC withdrew its motion for a waiver.

On 4/16/18 the Assigned Commissioner issued a <u>ruling</u> requesting party comments on proposed modifications of language in Sections 4.1 and 4.2 of the Biomat Power Purchase Agreement. Comments were due by 4/26/18.

On 5/1/18 the ALJ issued a <u>proposed decision</u> implementing SB350 provisions on penalties and waivers in the RPS program and denying Shell Energy North America's petition for modification of D.17-06-026. The decision maintains the existing RPS penalty scheme and integrates changes made by SB350 into the current RPS waiver scheme.

On 5/31/18 the CPUC adopted Decision <u>D.1805032</u> modifying Sections 4.1 and 4.2 of the Bioenergy market adjusting tariff power purchase agreement previously approved in D.15-09-004 and <u>D.1805023</u> implementing SB350 provision of penalties and waivers in the RPS program and denying modification of D1706026.

On 6/21/18 the assigned Commissioner ALJ issued a <u>ruling</u> identifying the issues and schedule of review for the 2018 RPS procurement plans. The ruling seeks comment from parties on questions related to the consideration of energy storage in RPS tariffs and power purchase. IOUs, small utilities, ESPs and CCAs must file their proposed annual RPS procurement plans by 7/20/18.

OIR to adopt rules and procedures governing Commission-regulated natural gas pipelines and facilities to reduce natural gas leakage consisted with SB1371 (R.15-01-008)

On 5/15/17 the Assigned Commissioner issued a <u>proposed decision</u> approving the Natural Gas Leak Abatement Program consistent with SB1371. Comments were due by 6/4/17. The <u>decision</u> (D.17-06-015) was signed by the Commission on 6/15/17.

A workshop was held on 8/1/17 to discuss the development of a template for consistency in Best practices compliance plans that will be required as part of the gas safety plans commencing 3/15/18.

On 7/21/17 the ALJ issued a <u>ruling</u> providing notice of a prehearing conference on 8/24/17 and directing joint pre-hearing conference statements. The purpose of the PHC was to discuss the scope and procedural schedule of the second phase of the proceeding. A joint pre-hearing conference statement was due by 8/18/17. (see <u>email ruling</u> correcting PHC date).

On 9/20/17 the Commissioner issued an <u>amended scoping ruling</u>. The second phase of the proceeding will focus on the following broad policy issues: 1) what data is necessary in order for the CPUC to consider a "cost-effectiveness" framework in this proceeding; 2) how should the CPUC's annual report requirements

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and 26 best practices be harmonized with information or action required by other entities such as the PHMSA, DOGGR, ARB and local air quality management districts; 3) pursuant to 975(f) how should rules and procedures including best practices and repair standards developed in this proceeding be incorporated into the applicable general orders; 4) how should ratemaking treatment for LUAF be structured and evaluated?

On 11/30/17 the ALJ issued a <u>ruling</u> entering the ARB and CPUC's joint staff annual report on analysis of 6/16/17 Utilities' reports into the record. Comments are requested on 1)whether the Joint staff annual report clearly illustrate the trends of findings based on CPUC/ARB staff's analysis of the June 2017 reports, and 2) what are "lessons learned" from this reporting and analysis process that were not identified by staff. Comments were due by 12/12/17.

OIR to Develop an Electricity Integrated Resource Planning Framework to Coordinate and Refine Long-Term Procurement Planning Requirements (R16-02-007) On 10/7/16, the City of Lancaster, Sonoma Clean Power Authority, and Marin Clean Energy filed a motion requesting that the Commission take official notice of future load growth among operational CCA programs and the growing number of communities exploring CCA programs. On 10/24/16 SCE, SDG&E and PG&E filed a joint response requesting that the Commission deny the motion as the facts presented in the motion are not currently relevant in the proceeding.

On 12/21/16 the ALJ and Assigned Commissioner issued a <u>ruling</u> requesting comments on disadvantaged communities and other aspects of SB350, and modifying the proceeding schedule. Comments were due by 2/17/17 and reply comments were due 2/27/17.

On 1/12/17, a webinar was held by the Modeling Advisory Group to ensure that modeling work undertaken by Energy Division and individual LSE's as part of the 2017 IRP is transparent and objective.

On 1/18/17, the ALJ issued a <u>ruling</u> seeking comment on assumptions and scenario for use in long term planning in 2017, with emphasis on the CAISO Transmission Planning Process. Comments were due by 2/3/17 and reply comments were due by 2/10/17.

On 2/23/17, the CPUC and the CEC hosted a joint workshop on GHG Target Setting for the Integrated Resource Planning (IRP) Process.

On 2/28/17 Commissioner Randolph issued a <u>ruling</u> adopting assumptions and one scenario for use in long-term planning in 2017.

On 5/1/17 the ALJ sent an email to the service letter informing parties that several workshops scheduled in the CEC Integrated Policy Report process may be of interest to parties to this proceeding. The first workshop was on 5/12/17.

On 5/16/17 the ALJ issued a ruling seeking comment from parties on a staff proposal titled <u>"Proposal for Implementing Integrated Resource Planning at the CPUC: An Energy Division Staff Proposal."</u> The ruling formally enters the proposal into the record. Comments were due by 6/14/17 and reply comments were due by 6/26/17

CPUC Energy Division staff held a webinar on the proposal for implementing IRP at the CPUC on 6/7/17.

On 6/13/17 the ALJ issued a ruling modifying the schedule of the proceeding. The ruling extended the initial comment period on the IRP Staff Proposal to June 28, 2017 and reply comments to July 12, 2017.

On 7/19/17 the ALJ noticed two modeling workshops. The first workshop was on 7/27/17 and allowed

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parties to ask clarifying questions and provide preliminary feedback on the first set of modeling results for the IRP process. The second workshop was held on 8/15/17. At this workshop, CES-21, a public-private collaborative research and development effort between PG&E, SCE, SDG&E and the Lawrence Livermore National Laboratory, presented its final report on the Grid Integration Flexibility Metrics and Standards Project. On 9/12/17 PG&E submitted the final report of the grid integration flexibility metrics and standards.

On 9/19/17 the ALJ issued a <u>ruling</u> seeking comment a proposed reference system plan and related commission policy actions. Comments were due by 10/26/17 and reply comments were due by 11/9/17. On 10/3/17 the ALJ issued a <u>ruling</u> correcting <u>Attachment C</u> to the original 9/18/17 ruling.

On 10/10/17 the ALJ granted a 10/7/16 motion from the City of Lancaster, Marin Clean Energy, and Sonoma Clean Power Authority for official notice of future load growth among operational CCA programs as well as the growing number of communities formally exploring and planning CCA programs. In the same ruling the ALJ granted the separate 3/6/17 motion of Magellan Wind LLC seeking official notice of executive actions relating to the potential value of California's offshore wind resources. However, both motions were granted for purposes of taking official notice that certain local, state and federal agency actions have occurred but not for purposes of reliance on any underlying facts associated with those actions.

On 11/27/17 the ALJ <u>denied a motion</u> by the Protect Our Community Foundation (POCF) for evidentiary hearings. POCF had alleged that an informal process is insufficient to fulfill the requirements of SB350 and the RESOLVE model must be subject to verification via hearings.

On 12/28/17 Commissioner Randolph issued a <u>proposed decision</u> setting requirements for load serving entities filing integrated resource plans. Various comments were filed on 1/17/18. The <u>final decision</u> was approved at the Commission's 2/8/18 meeting (D18-02-018).

On 1/30/18 Imperial County filed a motion to reopen the record to consider the impact of new import tariffs on solar cells and modules in the reference system plan.

On 2/28/18 Friends of the Earth, NRDC, CURE and PG&E filed a joint petition for modification of D18-02-018 (the IRP decision). Decision 18-02-018 contains direction regarding the procurement of GHG free replacement resources in the event Diablo Canyon is retired earlier than 2024-2025, but does not address procurement direction for the planned retirement date. The joint parties have requested that the decision be modified to address this gap in direction.

The IRP Modeling Advisory Group held a webinar on 3/29/18.

On 4/3/18 the ALJ issued a <u>ruling</u> seeking comment on ghg emissions accounting methods and addressing updated ghg benchmarks. Comments on the ruling and new CCA 2030 load forecasts were due by 4/20/18. Reply comments on the GHG accounting and comments on the new CCA load forecasts were permitted no later than 4/30/18.

On 5/14/18 the ALJ and assigned Commissioner issued an <u>amended scoping memo and ruling</u>. The scope of the remainder of the proceeding will be divided into three categories; 1. Items required in preparation for the filing of individual LSE IRPs; 2. Consideration of individual IRPs, leading to adoption of the Preferred System Plan; 3. Groundwork and preparation on policy issues for consideration in the 2019-2020 IRP Cycle.

On 5/25/18 the ALI issued a ruling finalizing ghg emissions accounting methods, load forecasts and ghg

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benchmarks for individual IRP filings and allowing entities to update their load forecasts and GHG benchmarks by accounting for new CCA load.

After receiving motions from two entities to update their load forecasts (CleanPowerSF and Los Angeles Community Choice Energy), on 6/18/18 the ALI issued a <u>ruling</u> finalizing load forecasts and ghg benchmarks for individual IRP filings.

Policies, Procedures and Rules for Regulation of Physical Security for the Electric Supply Facilities of Electrical Corporations (R15-06-009) On 3/10/17 the Assigned Commissioner issued a Phase 1 Scoping Memo and Ruling in this rulemaking regarding policies, procedures and rules for regulation of physical security for the electric supply facilities of electric corporations consistent with Public Utilities Code Section 364 and to establish standards for disaster and emergency preparedness plans for electrical corporations and regulated water companies pursuant to Public Utilities Code Section 768.6. Phase I of the proceeding will consider whether any new rules, standards or General Orders or modifications to other existing policies should apply to all electrical supply facilities within the jurisdiction of the Commission, including facilities owned by publicly owned utilities and rural electrical cooperatives. This phase will pertain to the requirements to address the physical security risks to the electrical supply facilities of electrical corporations and will address whether the Commission should go beyond the physical security regulations of NERC's CIP-9-014-2. A proposed decision in Phase I is anticipated in February 2018. Phase II will address emergency and disaster preparedness plans. A workshop was held on 5/2/17.

On 7/12/17 the ALJ issued a <u>ruling</u> issuing combined workshop notes and request for straw proposals. Comments on Attachment A to the proceeding were due by 7/28/17, straw proposals were due by 8/11/17 and comments on the straw proposals were due by 8/25/17. On 8/31/17 Bear Valley Electric Service, SCE, CMUA, LADWP, Liberty CalPeco, National Rural Electric Cooperative Association, Pacificorp, PG&E, SMUD, and SDG&E filed a <u>joint draft straw proposal</u>. The Office of Ratepayer Advocates and the Safety and Enforcement Division filed comments on 9/14/17. A workshop was held on 9/29/17 to review how SB699 informs the appropriate CPUC response and responsibility in addressing the physical security of California's system and the joint-utility proposal. The Office of Ratepayer Advocates and the Safety and Enforcement Division filed comments on 9/14/17.

On 1/3/18 the ALJ issued an email ruling allowing parties to file legal briefs concerning the Commission's jurisdiction over publically owned electrical utilities and rural electric cooperatives. The scoping ruling in this proceeding asks the following question: "Should any new rules, standards, or General Orders or modifications to existing policies apply to all electrical supply facilities within the jurisdiction of the Commission, including publicly owned electrical utilities and rural electric cooperatives?" Legal briefs were due by 1/26/18. Reply briefs were due by 2/9/18. SMUD, LADWP, The National Rural Electric Cooperative Association and CMUA filed a reply brief.

On 1/16/18 the ALJ issued a <u>ruling</u> allowing comments on the safety and enforcement division's risk assessment and safety advisory section <u>evaluation</u> of the joint utility proposal and recommendations for consideration posted on 1/4/18. Comments were due by 2/2/18 and reply comments were due by 2/16/18.

On 1/19/18 the ALJ issued a <u>ruling</u> setting the prehearing conference for Phase II of the proceeding for 3/15/18. The prehearing conference addressed the status, scope and schedule for Phase II along with any changes to the service list or procedural issues. Prehearing conference statements shall be limited to enumerated questions set forth in the ruling. These questions include the number and type of workshops; what elements should be included in the emergency and disaster preparedness plans; what new rules, standard, general orders, or modifications should the Commission consider to ensure that entities are in compliance with Public Utilities Code Section 768.6; should the new rules apply to publicly owned electrical

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	utilities and rural electric cooperatives and should any rules be adopted to insure that cities and counties have an opportunity to participate in plan preparation. Prehearing conference statements were due by 3/1/18.
	On 5/31/18 the Assigned Commissioner released the Phase II <u>Scoping Memo and Ruling</u> . The scope includes issues related to disaster and emergency preparedness plans. Workshops will be held throughout the rest of 2018 and a proposed decision on phase 1 issues is anticipated for Summer 2019.
Streamlining Interconnection of Distributed Energy Resources and Improvements to Rule 21 (R17-07-007)	On 7/13/17 the Commission issued an order instituting the rulemaking to consider streamlining interconnection of distributed energy resources and improvements to rule 21. Various parties filed comments on 8/2/17, including CESA, Tesla, Chargepoint and CAISO. A pre-hearing conference was held on 9/13/17. Notice On 10/2/17 the Assigned Commissioner and the ALJ issued a scoping ruling in the proceeding. The ruling sets forth three phases. The first phase will deal with urgent issues, the second phase will deal with ratesetting issues requiring coordination with R1408013 and the third phase will deal with small and multijurisdictional utility rules. The schedule for the proceeding currently runs through 2020.
	On 2/14/18 the ALJ issued an <u>email ruling</u> amending the schedule and extending the deadlines for the working group 1 proposal and the working group 2 proposal. The ALJ also reassigned Issue 6 (development of forms and agreements to allow Distributed Energy Resources to fulfill Rule 21 requirements related to smart inverters) to working group 2.
Resource Adequacy, Consider Program Refinements and Establish Annual Local and Flexible	On 9/28/17 the commission opened a <u>rulemaking</u> to oversee the resource adequacy program, consider program refinements and establish annual local and flexible procurement obligations for the 2019 and 2020 compliance years. The proceeding is the successor to R14-10-010. Comments on preliminary matters pertaining to the scope, schedule, and administration of the proceedings were due 10/30/17 and reply comments were due 11/9/17.
Procurement Obligations for the 2019 and 2020 Compliance Years.	On 11/7/17 a working group meeting was held to discuss weather sensitive demand response, behind-themeter resources and comments on the OIR.
(R17-09-020)	A prehearing conference was held on 12/4/17. Notice
	On 1/18/18 the Assigned Commissioner and ALJ issued a scoping memo and ruling. The proceedings will be divided into three separate tracks. Track 1 will consider system, local and flexible capacity requirements for the next year as well as time-sensitive refinements to the Commission's RA program, including adoption of the 2019 Local Capacity Requirements, adoption of the 2019 System RA Requirements, and top priority modifications to the RA program. Track 2 will address less time sensitive topics, including adoption of multi-year local RA requirements, refinements to local area rules and RA program. Track 3 will consider the 2020 program year requirement and may revisit RA counting rules for weather-sensitive and local demand response resources. Comments were due by 1/30/18 and proposals were due by 2/16/18. The proposals and comments were discussed at a 2-day workshop that was held at the CPUC on 2/22-23/18. Various parties filed comments on the proposals on 3/7/18 and reply comments on 3/16/18.
	On 3/22/18 the ALJ sent an email ruling stating that because the CAISO did not file its draft 2019 LCR report on 3/9/18 and anticipates that the report will not be available until 4/23/18 parties are not required to submit comments on 3/23/18 as originally scheduled. On 3/27/18 the ALJ and the Assigned Commissioner

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issued a joint ruling modifying the track 1 schedule. The revised due date for comments on the draft CAISO 2019 LCR and FCR reports was 5/4/18 and comments on the final report are due 5/18/18.

On 5/2/18 the ALJ sent an email ruling changing the date for Track 2 opening testimony to 7/10/18. All other dates remain unchanged.

On 5/22/18 the ALJ issued a <u>proposed decision</u> adopting local capacity obligations for 2019 and refining the resource adequacy PROGRAM. Opening comments were due 6/11/18.

At the 6/21/18 Commission meeting the Commission approved a <u>decision</u> adopting local capacity requirements for 2019 applicable to Commission-jurisdictional electric load-serving entities, and sets forth a process for adoption of flexible capacity requirements for 2019. The decision also makes minor changes to the RA program and provides policy and procedural guidance for future tracks of the proceeding.

A workshop is scheduled for 6/26/18 at the California Governor's Office of Emergency Services in Mather, CA.

Creation of a Shared Database or Statewide Census of Utility Poles and Conduit in California. (I17-06-027) On 6/29/17 the Commission instituted an <u>Order Instituting Investigation</u> into the creation of a shared database or statewide census of utility poles and conduit in California (I17-06-027, R17-06-028 and R17-03-009 have been consolidated into this proceeding).

A prehearing conference was held on 12/5/17. Ruling

On 1/11/18 the Assigned Commissioner and ALJ issued a <u>ruling</u> requesting comments on the creation of a shared statewide database of utility pole and conduit information. Input is requested on (1) whether a proposed listing of data fields is complete; (2)whether any information categories should be treated as confidential; (3) which data fields are most essential to accomplish the safety and goals of the OII and OIR; (4) whether each pole owner should be responsible for maintaining and providing access to its database, or whether a third party facilitator should be responsible for maintaining one global database; and (5) the manner in which the database should be shared. Comments were due by 2/8/18.

On 1/16/18 the ALJ issued a <u>ruling</u> amending the 1/11/18 ruling and attaching the correct listing of proposed data fields.

On 3/22/18 the ALJ issued a proposed decision amending the right of way rules to apply to wireless telecommunications facilities installed by competitive local exchange carriers, comments were due 4/11/18. The decision would amend the right of way rules to provide competitive local exchange carriers with expanded nondiscriminatory access to public utility infrastructure for the purpose of installing antennas and other wireless telecommunications facilities. The Commission is approved the <u>final decision</u> on 4/26/18. This decision closes this aspect of the proceeding; however, the investigation in I17-06-027 with which it was consolidated remains open.

A public participation hearing before the ALJ and Commissioner and President Picker was held on 5/9/18 in San Bernardino, CA. The discussion focused on such topics as 1) history of poles; 2) issues related to poles (e.g. vegetation management and fires); and 3) Southern California fires. Notice

A public participation hearing was held on 5/21/18 in San Jose, CA. Notice

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Successor to Existing Net Energy Metering Tariffs pursuant to PUC Section 2827.1 (R.14-07-002) On 2/20/18 the ALJ issued a <u>proposed decision</u> adopting alternatives to promote solar distributed generation in disadvantaged communities. Opening comments were due by 3/12/18 and reply comments were due 3/19/18. Commissioner Guzman Aceves issued an <u>alternate decision</u>. An all-party meeting was held on 3/13/18 so that parties could make comments to Commissioner Guzman Aceves on the two alternate decisions. On 5/22/18 Commissioner Guzman Aceves issued a <u>proposed revised alternate decision</u>. Various parties subsequently filed comments.

On 3/29/18 the Assigned Commissioner issued the <u>fourth amended scoping memo</u> and ruling. The highest priority issues identified by the Commissioner include consumer protection and development of options for increasing use of renewable DG in disadvantaged communities. The ruling sets a deadline of 1/1/19 for the completion of the proceeding and states that it is the Commission's intention to close this proceeding and initiate a successor proceeding not later than that date.

California Energy Commission

Issue	Latest Developments
CEC Business Meeting	At the meeting on 5/9/18 the Commission adopted building standards that require solar photovoltaic systems starting in 2020. The building energy efficiency standards, which are the first in the nation to require solar, will reduce greenhouse gas emissions by an amount equivalent to taking 115,000 fossil fuel cars off the road. Press Release The Commission will hold its next regularly scheduled Business Meeting on 7/11/18.
Alternative and Renewable Fuel and Vehicle Technology Program (ARFVTP)	On 4/17/18 Commission staff conducted a public workshop for the Southern California Incentive Project, the second incentive project under the California Electric Vehicle Infrastructure Project (CALeVIP) funded by the ARFVTP. The commission is seeking input from stakeholders to inform the Southern California Incentive Project. Notice
	On 4/25/18 the CEC posted the 2018-2019 Investment Plan Update for the Alternative and Renewable Fuel and Vehicle Technology Program. A workshop was held 5/14/18 to discuss activities proposed for electric vehicle charging infrastructure and hydrogen refueling infrastructure pursuant to Governor's Executive Order B-48-18 and new funding allocations for zero-emission vehicle infrastructure. Notice
	A workshop was held 5/23/18 to discuss the staff report, California Plug-In Electric Vehicle Infrastructure Projections: 2017-2025, Future Infrastructure Needs for Reaching the State's Zero-Emission Vehicle Deployment Goals. Notice On 6/28/18 staff from the Commission and the Center for Sustainable Energy will conduct a public webinar to discuss equipment and site requirements for electric vehicle (EV) charging infrastructure installed under the California Electric Vehicle Incentive Project (CALEVIP). Notice
Efficiency	On 6/1/18 Commissioner McAllister and CONUEE Director General Odon de Buen conducted a webinar to give updates on recent energy efficiency policy in California and Mexico. Notice
Electric Program Investment Charge (Docket No. 17-EPIC- 01)	On 5/8/18 CEC stall conducted a workshop and solicited stakeholder input on strategies to implement the requirements of AB 523.

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2018 Integrated	On 4/20/18 the Lead Commissioner for the 2018 IEPR Update and the Lead Commissioner for Siting,
Research Policy Report	Offshore Wind Planning, and Tribal conducted a workshop to hear and discuss the North Coast's regional
Update (18-IEPR-01)	challenges, opportunities, and solutions to meet California's climate and clean energy goals. Notice
	The CEC, CPUC, LADWP and CAISO jointly held a workshop to discuss energy reliability in Southern
	California on 5/8/18 at the SCAQMD. Notice
	On 5/30/18 the Commission and the CPUC will conduct a joint workshop to discuss a draft framework
	and potential actions for addressing energy equity and increased access to distributed energy resources in multifamily buildings. Notice
	On 6/7/18 the Lead Commissioner for Energy Efficiency conducted a workshop to present information and solicit stakeholder feedback on key topics related to the doubling of energy efficiency savings
	mandated by Senate Bill 350, the Clean Energy and Pollution Reduction Act of 2015 (de León, Chapter
	547, Statutes of 2015) (SB 350). <u>Notice</u>
	On 6/27/18 staff will conduct a webinar on the 2018 Tracking Progress Report for Energy Equity. Notice
SB 350- Clean Energy	On 4/4/18 the Commission and CPUC convened the Disadvantaged Communities Advisory Group. Notice
and Pollution	
Reduction Act of 2015	

California Air Resources Board

Issue	Latest Developments
Cap and Trade	A workshop was held on 10/12/17 to discuss the next steps for the cap and trade regulation. Notice Presentation.
	ARB released the January 2018 California-Quebec-Ontario Joint Auction Participant Training Presentation.
	On 1/30/18 ARB posted a notice of public hearing on 3/22/18 in Riverside, CA to consider approving the adoption of two proposed amendments to the Cap and Trade regulation. The narrow amendments are intended to clarify that 1. The regulation requires a successor entity after a change in ownership to be responsible for the outstanding, pre-transfer compliance obligation of the predecessor entity, and 2. The regulatory procedure for establishing the Auction Reserve Price in the Ontario and Quebec regulations. Proposed Regulation Order Notice Agenda. At the meeting the Board adopted Resolution 18-4. On 4/17/18 the final rulemaking package was submitted to the Office Of Administrative Law. OAL has until 5/30/18 to make a final determination. Informative Digest
	Meetings were held on 3/2/18 to discuss potential amendments to the cap and trade regulation and SB350 Integrated Resource Plans. <u>Discussion Draft Price Containment Paper</u> A workshop was held on 4/26/18 to discuss possible revisions to the cap and trade regulation. <u>Notice</u> . Comments were due by 5/10/18. <u>Summary of Stakeholder Comments</u> On 6/15/18 Ontario announced its intention to end Ontario's Cap and Trade program. ARB released a <u>market notice</u> regarding this development and reiterating its commitment with Quebec to continue
	operation of a joint carbon market.

	A workshop was held on 6/21/18 to discuss potential revisions to the regulation. Preliminary Discussion Draft ARB Presentation CAISO Presentation
GHG Reporting	On 4/13/17 ARB posted a <u>proposed second 15-day modifications</u> to the regulation. Comments were due 4/28/17 by 5pm. <u>Notice</u> The board approved the proposed amendments at the 6/29/17 Board Meeting. <u>Agenda</u> .
	On 7/21/17 the proposed amendments were submitted to the California Office of Administrative Law. <u>Updated Informative Digest</u> . On 9/1/17 OAL approved the rulemaking and filed it with the Secretary of State. <u>Notice Final Regulation Order Final Statement of Reasons</u> . The amended regulation became effective on 1/1/18.
Short Lived Climate Pollutants	On 12/29/17 ARB posted a <u>summary</u> of policies to encourage dairy biomethane projects and other projects to reduce methane emissions. On 1/5/18 the three dairy subgroups provided an update to the agencies on their processes and recommendations they have formulated to date. Presentations - <u>ARB</u> ; <u>CDFA</u> ; <u>CPUC</u> ; <u>Subgroup 1</u> ; <u>Subgroup 2</u> ; <u>Subgroup 3</u>
	The Dairy and Livestock subgroups have several meeting scheduled for April. Subgroup 3 met on 4/2/18; Subgroup 2 met on 4/9/18 and Subgroup 1 met on 4/27/18. Meeting Notice
	The Dairy and Livestock subgroups will meet throughout May. Subgroup 3 met on 5/14/18; Subgroup 1 met on 5/21/18; and Subgroup 2 met on 5/23/18. Meeting Notice
	A joint subgroup meeting will be held on 7/26/18 in Fresno. Meeting Notice
2030 Scoping Plan	On 11/30/17 ARB released the <u>proposed final 2017 climate change scoping plan</u> . On 12/14/17 the Board approved the scoping plan along with the finalized environmental documents. <u>Meeting Notice Press Release Final Plan</u>
Low Carbon Fuel Standard	The goal of the LCFS is to reduce carbon intensity of transportation fuel by at least 10% by 2020. On 2/20/18 ARB released the <u>Draft Proposed Regulation Order</u> and a <u>Portion of Draft Staff Report</u> .
	On 3/6/18 ARB released various models and calculators, including the <u>OPGEE</u> and <u>CA-GREET</u> . In addition ARB issued the <u>Initial Statement of Reasons</u> and <u>Proposed Regulation Order</u> setting forth proposed amendments to the LCFS regulation and to the regulation on commercialization of alternative diesel fuels. A public hearing to consider the proposed amendments will be held on 4/27/18. <u>Notice</u>
	On 3/12/18 ARB updated and replaced Guidance 17-03 with <u>Guidance 18-01</u> on Implementation Implications of a Modified Writ issued by the Superior Court of California, County of Fresno, On October 18, 2017 in the case of Poet, LLC et al. vs CARB et al. (No. 09 CECG 04659 JYH) on LCFS.
	On 5/9/18 ARB released the 2017 LCFS Compliance Information Credit Clearance Market Information.
	On 5/21/18 ARB posted for comment the <u>draft calculation of 2017 Crude Average Carbon Intensity</u> <u>Value.</u> Comments are due by 6/5/18.
	On 5/21/18 ARB posted the <u>SB1383 Pilot Financial Mechanism White Paper</u> .

California Regulatory Happenings for the Week of June 18, 2018

	A public workshop to discuss proposed amendments to the LCFS and Alternative Diesel Fuels Regulations was held on 6/11/18. Meeting Notice Staff Presentation On 6/20/18 ARB posted proposed amendments to the LCFS regulation and to the regulation on commercialization of alternative diesel fuels. The deadline to submit comments is 7/5/18 at 5pm.
Innovative Clean Transit Rules	The key goals of this measure include 1. Support the near-term deployment of zero-emission buses where the economics are viable and where transit service can be maintained or expanded; 2. Secure binding commitments from the state's transit providers for a long-term vision for transition to zero-emission technologies across all transit modes, and 3. Partner with transit agencies to pilot innovative approaches to improve access to transit systems with zero-emissions first- and last-mile solutions. On 12/15/17 a public workshop was held to discuss development of innovative clean transit. Presentation. The staff proposal on the ICT Rules includes achieving a zero emission transit system by 2040 and encouragement of early action with opportunities for funding. Rules would be applicable to all public transit agencies that own or operate buses with GVWR > 14,000 lbs.
	On 3/27/18 ARB issued updated numbers of battery and fuel cell electric buses of large California transit agencies. On 3/27/18 ARB issued an <u>update</u> on the Innovative Clean Transit Discussion Document. ARB requested additional comments and information in the areas of transit progress, role of incentives, overall cost, cutaways and non-standard buses, and regulatory assessments.
	A workshop was held on 6/13/18 to discuss the proposed Innovative Clean Transit regulation. Meeting Notice

California Independent System Operator

Issue	Latest Developments
Board of Governors	The next scheduled Board meeting is 7/25-26/18. Schedule
Meeting	

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CAISO Stakeholder Initiatives

Issue	Latest Developments
Flexible resource adequacy criteria and must offer obligations	On 5/1/17 the CAISO posted the revised straw proposal. The CAISO held a stakeholder call on 5/8/17 to discuss the revised straw proposal. Comments were due by 5/22/17. Market Notice Presentation
(FRAC-MOO)	A Phase 2 Working Group call was held on 8/2/17. Market Notice. Comments were due by 8/18/17. Brattle Presentation
	A Phase 2 Working Group Meeting was held on 9/26/17. Market Notice; Presentation
	On 11/2/17 CAISO postponed the stakeholder meeting originally scheduled for 11/9/17 because more time is needed to analyze the data and publish the proposal. A stakeholder meeting was held on 11/29/17. Market Notice. On 11/21/17 CAISO posted the draft proposal. Comments were due by 12/13/17. Presentation
	On 1/31/18 CAISO posted the <u>revised draft</u> flexible capacity framework. A stakeholder meeting was held on 2/7/18 to discuss the revised draft flexible capacity framework in the FRAC-MOO Phase 2 initiative. Comments were due by 2/21/18. <u>Market Notice Agenda and Presentation</u>
	CAISO held a stakeholder meeting on 5/3/18 to discuss the <u>second revised draft</u> flexible capacity framework proposal. Comments were due by 5/17/18. <u>Notice Presentation</u>
	The Phase 2 Working Group met on 6/18/18. Agenda and Presentation
Energy Imbalance Market (EIM)	Participants On 10/1/16 Arizona Public Service and Puget Sound Energy joined EIM. On 10/18/16, Mexico Grid Operator CENACE announced it was exploring EIM participation for Baja California Norte. On 2/24/17 BANC agreed to join the EIM, acting on behalf of SMUD beginning in April 2019. News Release
	On 5/30/17 CAISO and Powerex announced that Powerex would participate in the EIM beginning in April 2018. Powerex will be the first non-U.S. participant to join the market. On 10/3/17 an information call to discuss the Powerex EIM Implementation Agreement was held. Market Notice
	On 6/1/17 CAISO and LADWP announced that they had signed an agreement for LADWP to join the EIM beginning in April 2019.
	On 10/1/17 Portland General Electric became the fifth western utility to begin full participation in the EIM.
Reliability Services	On 2/2/17, CAISO posted the Phase 1B and Phase 2 Draft Tariff language. A call to discuss was held on 2/21/17. Market Notice
	On 4/7/17 the CAISO posted the Phase 1B and Phase 2 Draft Tariff language. A call to discuss was held on 4/24/17. Market Notice
	On 4/18/17 CAISO posted the Business Requirements Specifications v. 2.0.

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On 5/8/17 CAISO announced that the implementation date for the initiative had been extended to 2/13/18 from 11/1/17. The new effective date will be 4/1/18. The extension was discussed at the Market Performance and Planning Forum on 5/16/17.

A technical working group call was held on 6/13/17 to clarify the tariff processes proposed in the initiative. Market Notice.

On 7/7/17 The Second Revised Draft Tariff Language – Phase 1B and 2 was posted. A web conference to discuss was held on 7/21/17. Market Notice Comments were due by 7/14/17.

On 8/3/17 CAISO posted the Phase 2 - Third Revised Draft Tariff Language. Market Notice. On 9/29/17 CAISO filed the tariff amendment for phase 1B and Phase 2 at FERC in docket ER18-1. On 10/23/17 various parties filed comments and protests and the CPUC filed a limited protest. The CPUC has requested that FERC reject the proposed tariff amendments regarding "listed local capacity." On 11/13/17 CAISO filed a motion for leave to file answer and answer to the various protests. On 11/30/17 CAISO filed another motion for leave to file answer and answer to SDG&E's filing. On 1/18/18 FERC issued an order accepting the tariff revisions as filed, effective 2/15/18. On 2/14/18 CAISO filed a petition for limited tariff waiver requesting a temporary suspension of the effectiveness of the tariff revisions. Due to implementation issues CAISO requested a temporary suspension until 3/16/18. FERC granted the suspension on 3/1/18. The initiative will now be activated for trade date 5/1/18. Market Notice. On 3/16/18 CAISO submitted a Compliance Filing at FERC to modify the effective date to 3/16/18. On 4/3/18 CAISO filed an additional petition for the temporary suspension of the effectiveness of the RAAIM modifications to 5/1/18.

CAISO held a call on 1/4/18 to discuss process changes for resource adequacy and outage coordination as part of the Reliability Services Initiative. These changes will be implemented in April 2018. Training was provided on 1/10/18. Presentation. Market Notice.

On 3/5/18 and 3/8/18 the CAISO held the RSI 2017 and RAAIM calculation modification market simulation web conferences to discuss market simulation performance. CAISO has postponed the RSI implementation to March 2018 and activation to May 2017 and the RAAIM Calculation modification implementation to May 2018 and activation to July 2018. Market Notice

Energy Storage and Distributed Energy Resources Participation (Phases 2 and 3)

On 9/29/17 CAISO posted the Phase 3 <u>issue paper</u>. A stakeholder call was held on 10/12/17. The Phase 3 initiative will continue to identify and evaluate opportunities for increased participation of transmission grid-connected energy storage and distribution-connected resources in the CAISO market. Unresolved topics suggested by stakeholders in Phase 2 will also be considered. <u>Market Notice</u>

A workshop to discuss the Phase 3 scope originally scheduled for 12/11/17 has been cancelled. The workshop will not be held until 2018. Market Notice

On 11/6/17 CAISO hosted a workshop to discuss proposed topics for phase 3. Several Stakeholders gave presentations. Market Notice On 11/17/17 CAISO posted the draft tariff language for phase 2. A web conference to discuss was held on 12/12/17. Market Notice.

A customer partnership group call was held on 12/13/17 to discuss implementation of demand response current changes associated with phase 2 of the proceeding. Questions and comments to be discussed during the call were due by 12/6/17. Market Notice

A workshop to discuss Phase 3 was held on 1/16/18. Market Notice Agenda Presentation

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Regional Integration California GHG compliance	The CAISO held a stakeholder meeting on 5/31/17 to discuss the draft final proposal for the initiative. On 5/25/17 CAISO posted the <u>Draft Final Proposal</u> .
	On 6/22/17 CAISO held a call to discuss a revised draft final proposal. Market Notice Presentation. On 6/26/17 CAISO posted the Revised Draft Final Proposal. Comments were due by 7/6/17.
	A stakeholder call was held on 12/4/17 to continue discussions on the initiative and the attribution accuracy report. Comments on materials presented were due by 12/18/17. Market Notice. Presentation. CAISO presentation
	On 2/20/18 CAISO posted the updated <u>Second Revised Draft Final Proposal</u> . A call to discuss was held on 2/22/18. <u>Market Notice Recording</u>
	On 4/25/18 CAISO posted the <u>Third Revised Draft Final Proposal</u> . A web conference to discuss was held on 5/2/18. <u>Market Notice Presentation</u> . Comments were due by 5/23/18.
Miscellaneous Tariff Revisions	On 4/23/18 CAISO released the 2018 Draft Tariff Clarification Language. Matrix. Comments were due by 5/1/18 and a call was held on 5/8/18.
	Market Notice On 6/14/18 the CAISO submitted its tariff clarification amendment in ER18-1787. The CAISO has requested an order by 10/1/18.
Review Transmission Access Charge Structure	On 4/12/17 CAISO posted a background white paper entitled <u>"How Transmission Cost Recovery Through Transmission Access Charge Works Today."</u>
	On 6/30/17 CAISO posted the <u>issue paper</u> . A stakeholder meeting was held on 7/12/17. <u>Market Notice Presentation</u> . A working group meeting was held on 8/29/17 to discuss the 6/30/17 issue paper. An additional meeting to discuss is scheduled for 9/25/17. Comments following the meeting were due by 10/13/17. <u>Market Notice</u> On 9/15/17 CAISO posted <u>Supporting Materials</u> . On 9/20/17 CAISO posted the questions submitted by stakeholders on Clean Coalition's proposed solution presenting during the 8/29/17 working group meeting. These questions were discussed at the 9/25/17 meeting. <u>Market Notice</u> .
	On 10/18/17 CAISO announced that the straw proposal had been postponed.
	On 1/11/18 CAISO posted the <u>Straw Proposal</u> . A meeting to discuss was held on 1/18/18. Comments were due by 2/15/18. <u>Market Notice</u>
	A meeting was held on 4/11/18 to discuss the <u>revised straw proposal</u> . Comments on the proposal were due by 4/25/18. <u>Market Notice Presentation</u> .
	On 6/22/18 CAISO issues a <u>second revised straw proposal</u> . A meeting to discuss is scheduled for 6/28/18. <u>Market Notice</u>
Imbalance Conformance Enhancements	On 11/29/17 CAISO announced a new initiative Imbalance Conformance Enhancements. An issue paper and straw proposal was posted and a call to discuss was held on 12/8/17. Market Notice. Presentation Issue Paper and Straw Proposal
	The scope of the initiative it so clarify the CAISO's authority to conform for imbalance in both real time

	and the day ahead. The initiative will also propose enhancements for the conformance limiter to ensure price spikes do not result. Comments were due by 12/20/17.
	On 1/30/18 CAISO posted the <u>Draft Final Proposal</u> . A call to discuss was held on 2/6/18. <u>Market Notice Agenda and Presentation</u>
	On 3/14/18 CAISO posted the <u>Updated Draft Final Proposal</u> . <u>Market Notice</u> . Comments were due by 3/21/18.
Reliability Coordinator	On 1/2/18 CAISO announced that it would become its own Reliability Coordinator and offer these services to other balancing authorities and transmission operators in the western US. These services include outage coordination, day-ahead planning and real-time monitoring for reliability. In order to accomplish this task, CAISO gave notice of withdrawal to its current reliability coordinator Peak Reliability. CAISO also provided withdrawal to the agencies funding the agreement with Peak Reliability, including, but not limited to, BANC, WAPA, LADWP, APS, BPA, IID, MID, PacifiCorp, SMUD, Salt River Project, and TID. An informational call was held on 1/4/18 and public meetings in Folsom, Portland and Phoenix on 1/17/18, 1/18/18 and 1/19/18 respectively. Market Notice
	On 3/13/18 CAISO launched its Reliability Coordinator Services Rates, Terms and Conditions initiative. A stakeholder meeting was held 4/12/18 to discuss the straw proposal . Revised Market Notice Presentation. The comment deadline was extended to 5/4/18. Market Notice
	On 6/20/18 CAISO issued a <u>draft final proposal</u> . A meeting to discuss is scheduled for 6/27/18. <u>Market Notice</u>
Interconnection Process Enhancements 2018	On 1/4/18 CAISO launched a new initiative, Interconnection Process Enhancements 2018. On 1/17/18 the CAISO posted the <u>issue paper</u> . A stakeholder meeting was held on 1/24/18. Comments were due by 2/7/18. The initiative will evaluate potential changes to enhance the CAISO generator interconnection procedures and agreements. <u>Market Notice</u> Topics fall into six broad categories, 1. Deliverability; 2. Energy Storage; 3. Generator Interconnection Agreements; 4. Interconnection Financial Security and Cost Responsibility; 5. Interconnection Requests; and 6. Modifications. <u>Presentation</u>
	On 5/9/18 CAISO posted the <u>Straw Proposal</u> . A meeting to discuss was held on 5/21/18. <u>Market Notice</u>
Day-Ahead Market Enhancements	On 2/8/18 CAISO launched a new initiative, Day-Ahead Market Enhancements. This initiative will address ramping and uncertainty previously left to be resolved by the real-time market. A stakeholder meeting was held on 3/7/18 to discuss the issue paper and straw proposal. Enhancements to be considered include combining the Integrated Forward Market with the Residual Unit Commitment process, changing the day-ahead scheduling granularity from hourly to 15-minute and adding an imbalance reserve product. At the kickoff meeting, CAISO discussed additional design elements. Market Notice. On 2/28/18 CAISO posted the issue paper/straw proposal. Comments on the issue paper were due by 3/21/18. Presentation.
	On 4/13/18 CAISO posted the <u>revised straw proposal</u> . A meeting to discuss was held on 4/18/18. <u>Market Presentation</u>
	A meeting was held on 6/19/18 to discuss updates to the revised straw proposal. Presentation

California Regulatory Happenings for the Week of June 18, 2018

Federal Energy Regulatory Commission

Issue	Latest Developments			
Large Generator Interconnection Reforms NOPR RM17- 8-000	On 12/15/16 FERC proposed reforms to its large generator interconnection processes aimed at improving the efficiency of processing interconnection requests, removing barriers to needed resource development, and assuring continued reliability of the grid. The NOPR revises regulations, the pro forma Large Generator Interconnection Procedures and the pro forma LGIA. While the NOPR applies to large generating facilities (>20MW), the NOPR does seek comment on whether any of the proposed changes should be applied to small generating facilities. NOPR . Comments were due 60 days after publication in the Federal Register.			
	On 2/23/17, the Commission extended the comment deadline to 4/13/17. On 4/28/17 MID filed an answer.			
	On 7/3/17 Sunflower Electric Power Corporation Mid-Kansas Electric Company requested leave to submit out of time comments. On 7/20/17 Renewable Energy Systems Americas, Inc. submitted a motion to intervene out of time.			
	FERC convened a technical conference on April 3 rd and 4 th to discuss issues related to the coordination of Affected Systems raised in the complaint filed by EDF Renewable Energy against MISO, Southwest Power pool and PJM and this Notice of Proposed Rulemaking.			
	On 4/19/18 the Commission issued a final rule, Order 845. The final rule amends the pro forma Large Generator Interconnection Procedures and the pro forma Large Generator Interconnection Agreement. The rule will become effective 75 days after publication in the Federal Register.			
	On 5/17/18 various parties submitted motions (and subsequently comments in support) requesting an extension of the time period to comply with Order 845. On 6/1/18 FERC granted the extension to 11/5/18.			
Grid Reliability and Resilience Pricing (AD18-7)	On 1/8/18 FERC initiated this proceeding after terminating RM18-1, a rulemaking tasked with evaluating the DOE pricing proposal. This proceeding will holistically examine the resiliency of the market and asks RTOs and ISOs to provide information on whether the Commission needs to act regarding resiliency. RTOs filed comments on 3/9/18, including CAISO.			
	On 3/14/18 various energy industry associations filed a joint motion for a 30-day extension of time to file reply comments. On 3/20/18 FERC extended the deadline to submit reply comments to 5/9/18.			

California Regulatory Happenings for the Week of June 18, 2018

Upcoming Meetings

June/July 2018					
Monday	Tuesday	Wednesday	Thursday	Friday	
25 CPUC Energy Storage and DER Phase 3 Web Con 9am	26 CPUC Workshop in Physical Security proceeding (R1506009) 9:30am (Mather) CAISO Use Limit Registration Process 10am	CAISO Reliability Coordinator Rate Design, Terms and Conditions meeting 10am Joint ARB/CTC Board Meeting 1pm CEC Staff Webinar on Tracking Progress for Energy Equity. 10am	28 ARB Board Meeting 9am CAISO Review TAC Structure Meeting 10am CEC/Center for Sustainable Energy Webinar on CALeVIP Equipment Requirements 9am	29 CPUC IRP Modeling Advisory Group Webinar 10am CAISO Storage as a Transmission Asset meeting 10am	
2 CAISO Energy Storage and DER Phase 2 Implementation Customer Partnership Group meeting 11am	3	4 Holiday	<i>5</i> CAISO Market Update 10:15am	6	

California Regulatory Happenings for the Week of June 18, 2018

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