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<tr>
<th><strong>Docket Number:</strong></th>
<th>22-OII-01</th>
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<tr>
<td><strong>Project Title:</strong></td>
<td>Order Instituting Informational Proceeding on Distributed Energy Resources in California’s Energy Future</td>
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<td><strong>TN #:</strong></td>
<td>243410</td>
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<tr>
<td><strong>Document Title:</strong></td>
<td>Presentation - Proposed Structure of Proceeding</td>
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<tr>
<td><strong>Description:</strong></td>
<td>13 - Presentation - Tom Flynn (CEC)</td>
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<td><strong>Filer:</strong></td>
<td>Harinder Kaur</td>
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<td><strong>Organization:</strong></td>
<td>California Energy Commission</td>
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<td><strong>Submitter Role:</strong></td>
<td>Commission Staff</td>
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Proposed Structure of Proceeding

June 1, 2022

Tom Flynn
Energy Assessments Division
Four topic areas

1. DER today
2. DER future scenarios
3. Implementation
4. Research and development
DER today

Role and status of DERs under existing state policies
• Available technologies: functional capabilities, values, cost.
• Deployment: What’s out there? What criteria are customers applying in deciding to invest in DERs?
• Behavior: How are customers using DERs?
• Expected trends under existing policies
  • Grid power costs, retail rates, outage frequency
• Achievable DER potential under existing state policies and recognized values.
DER future scenarios

• What are additional potential values of DERs not reflected in existing state policies?
• How much DER growth could occur if state policies were designed to achieve the additional potential value of DERs?
  • Removing statutory/regulatory barriers
  • Defining grid services to make DERs more commercially viable
  • Providing funds & grants to reduce investment costs
• Develop a process for constructing DER growth scenarios for CEC to adopt for IEPR forecast, SB100, and other interagency planning processes
• What market structures would be needed to support this?
Implementation

• Policy recommendations to achieve robust customer adoption and community focused DER
  • Maximize value for customers, communities and society
• Apply CEC-adopted DER future scenarios in CPUC and CAISO planning processes
  • Reconsideration of bulk supply and grid needs under DER future scenarios
Research and development

• Technology gaps and needs for research and development
• Research on customer & community criteria for preferring on-site and local resources
  • Resilience, public health & safety, environmental, economic development drivers of DER adoption
Next Steps

• Use stakeholder feedback in developing a staff white paper prior to a Fall workshop

• Explore coordination of workshops with CPUC high-DER proceeding

• Commit to cross participation between CEC and CPUC DER proceedings

• Develop a CEC webpage to coordinate all CEC DER-related proceedings, activities, and information

• Identify opportunities to inform the IEPR record through workshops and other means
Written Stakeholder Comments

- **Written comments**
  - Submitted to docket 22-OII-01 by 5:00 p.m. on June 17, 2022

- **Two ways to submit comments**
  - Electronic commenting system – preferred
    - e-commenting page: https://efiling.energy.ca.gov/EComment/EComment.aspx?docketnumber=22-OII-01 which links to the comment page for this docket.
    - Enter contact information and a comment title describing the subject of your comment(s).
    - Comments may be included in the “Comment Text” box or attached as a downloadable, searchable document in Microsoft® Word or Adobe® Acrobat®. The maximum file size allowed is 10 MB.

- **Written comments may be submitted by email**
  - Include docket number and “Distributed Energy Resources in California’s Energy Future” in the subject line.
  - Email to docket@energy.ca.gov.