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<tr>
<th><strong>Docket Number:</strong></th>
<th>22-IEPR-02</th>
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<tr>
<td><strong>Project Title:</strong></td>
<td>California Planning Library</td>
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<td><strong>TN #:</strong></td>
<td>242817</td>
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<tr>
<td><strong>Document Title:</strong></td>
<td>California Planning Library</td>
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<tr>
<td><strong>Description:</strong></td>
<td>Presentation by Hilary Poore and Kristen Widdifield with the CEC at the April 27, 2022, IEPR Commissioner Workshop on the California Planning Library</td>
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<td><strong>Filer:</strong></td>
<td>Stephanie Bailey</td>
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<td><strong>Organization:</strong></td>
<td>California Energy Commission</td>
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<tr>
<td><strong>Submitter Role:</strong></td>
<td>Commission Staff</td>
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<td><strong>Submission Date:</strong></td>
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Background Information

• The California Energy Commission serves as the State’s energy data repository and plays key role in collecting and analyzing data.

• The CEC is home to a variety of technical and subject matter experts committed to analyzing a variety of energy data and making recommendations to inform state operations.

• Demonstrable evidence, through data requests, that and a need for data and information exists.
Role of Data

• Data transparency and public accessibility are essential to the CEC
• Data and data access are key to bringing clean, reliable, and affordable energy to all Californians
• CEC has been involved in a broader effort to increase data access, visibility, usability
  • Equity Indicators and Energy Insights are products developed as a part of this effort
Energy Data Repository

ACCESS

ORGANIZATION

CEC ENERGY DATA REPOSITORY

EXPLORATION

ANALYSIS
Challenge

CEC lacks a place to host data and analytical tools in accessible, understandable, easily navigable way

New, emerging products without a proper home

Development and adoption of new products increases the need for library
As a part of the IEPR 2022 Update, the CEC plans to identify, consolidate, integrate, and enhance CEC’s analytical products into a California Planning Library.

Highlights of major products include:
- Energy demand forecasts and scenarios
- Reliability assessments
- Land use screens
- Other analytical resources (including those developed under active CEC OIIPs and other proceedings)
California Planning Library will provide a centralized location on the CEC website for the public to find analytic products and data

- Navigable and accessible
- Easily identify opportunities to modernize
- Showcase key takeaways and reports
- Provide links for widely-used products
- Provide links for important analytical products recently adopted
- Link to relevant external parties’ data and analytical products
Phases for Implementation

- Organize existing products
- Modernize data and analytical products
- Expand product list + incorporate links to data partners
Routinizing EAD Products

Incorporate a timeline or calendaring system to:

- Identify big planning deliverables
- Determine when certain products will be released or updated
- Provide a link to those products which have been adopted and/or will continue to be adopted regularly
Audience

Usability

- IOU's
- POU's
- Non-Profits
- CCA's
- Think Tanks
- Academic Research
- CAISO
- Federal Agencies
- State Agencies
- Federal Agencies
- State Agencies
Incorporate feedback from Vice Chair’s office and IEPR workshop to refine project scope

Finalize project plan

Gather input from CEC offices

Determine timeline for data/deliverable inclusion in Planning Library (Phase I or subsequent)

Organize and catalog data and analytic products

Execute California Planning Library web page

Publish Library + Corresponding IEPR Content

April/May 2022

May 2022

June/July 2022

August 2022

Fall 2022

Fall 2022

December 2022
Products for Inclusion

Main Planning Products:

- Summer Stack Analysis
- Demand Forecast
- Transportation Fuels Forecast
- Rates Forecast
- CA Reliability Outlook
- Demand Scenarios
- ZEV Stock Forecast
- Residential Homes Forecast
- Winter Reliability Report
- High Electrification Scenario
- PV and Storage Data
- Commercial Floorspace Forecast

In pipeline: Land-use screens and SB100 results
Questions for Public to Consider

For CEC deliverables:
• What products or datasets do you most frequently use?
• Of the products you utilize, is there a preferred format or geographic level of granularity you would like to see?
• How can we make products easier to find?
• Are there ways to make them easier to utilize?
• Are there datasets or products missing?
• Do you have questions about the terminology used?

Specific to land-use screens:
• How would you like to see this information presented?
• What features would you like to see incorporated?
Thank You!
Contact Information:

CA Planning Library Staff:
Hilary Poore: Hilary.Poore@Energy.ca.gov
Kristen Widdifield: Kristen.Widdifield@energy.ca.gov

Land-Use Screens Staff:
Erica Brand: Erica.Brand@Energy.ca.gov
## Panel Participants

<table>
<thead>
<tr>
<th>Organization</th>
<th>Representatives</th>
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<tbody>
<tr>
<td>CA Independent System Operator</td>
<td>Delphine Hou</td>
</tr>
<tr>
<td>California Public Utilities Commission</td>
<td>Patrick Young</td>
</tr>
<tr>
<td>Southern California Edison</td>
<td>Eduardo Martinez</td>
</tr>
<tr>
<td>Cal CCA</td>
<td>Andrew Mills</td>
</tr>
<tr>
<td>Defenders of Wildlife</td>
<td>Kate Kelly</td>
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Panel Discussion

Introduce yourself, organization, and address opening question (5 min): "How does your organization utilize CEC’s data and analytical products?"

Focused Panel Discussion

1) What types of data and analytical products are most useful?
2) What are the key barriers to using data and analytical products?
3) What are better ways to present the data?
4) How can we make data/information easier to find?
5) What information gaps exist in products developed by the CEC?
6) What could you do (or want to do) with our data that you currently cannot?