

DOCKETED	
Docket Number:	19-ERDD-01
Project Title:	Research Idea Exchange
TN #:	230889
Document Title:	Notice of Staff Workshop- Hourly Temperature Data on Cal-Adapt
Description:	California Energy Commission (CEC) staff will conduct a workshop to discuss energy stakeholders' needs for hourly temperature data to be available on Cal-Adapt, a web-based platform, for use in forecasting. December 18, 2019; 1:00 - 3:00 pm
Filer:	Martine Schmidt-Poolman
Organization:	California Energy Commission
Submitter Role:	Commission Staff
Submission Date:	11/27/2019 2:31:18 PM
Docketed Date:	12/2/2019



IN THE MATTER OF:) **Docket No. 19-ERDD-01**
)
WORKSHOP ON HOURLY) **WORKSHOP**
TEMPERATURE DATA ON CAL-ADAPT) **RE: Hourly Temperature Data on**
) **Cal-Adapt**

NOTICE OF STAFF WORKSHOP

California Energy Commission (CEC) staff will conduct a workshop to discuss energy stakeholders' needs for hourly temperature data to be available on Cal-Adapt, a web-based platform, for use in forecasting.

December 18, 2019
1:00 p.m. – 3:00 p.m.

Warren-Alquist State Energy Building
1516 Ninth Street
1st Floor, Charles R. Imbrecht Hearing Room
Sacramento, California 95814
(Wheelchair Accessible)

Remote access is available by computer or phone via WebEx.™
 (Instructions below.)

Agenda

Energy sector stakeholders have expressed interest in having sub-daily temperature projections as well as observed historical temperature observations made available on Cal-Adapt. This meeting will describe relevant hourly temperature data products of two research projects supported by Electric Program Investment Charge (EPIC) program funds and will explore user needs in relation to these data, which could be made available on Cal-Adapt. Presentations describing the hourly data will be given by:

- David Pierce and Dan Cayan of Scripps Institution of Oceanography on the generation of future projections of hourly temperature over California at 29 meteorological stations used for energy demand forecasting in the state.
- Owen Doherty of Eagle Rock Analytics on a curated repository of hourly weather observations at 39 locations across California for the period 1973-2019 which was produced after careful data quality review.

The presentations will be followed by a guided discussion session, asking participants from the energy sector to provide input on:

- Their needs and potential uses for the historical and projected data,
- Processes by which similar data are obtained at present,
- Their present (and potentially future) needs for frequency at which datasets are to be updated,
- The approach by which the hourly temperature data are made available on Cal-Adapt for download and for supporting further analysis.

The resulting input will be used to determine which dataset(s) should be made available on Cal-Adapt, and how Cal-Adapt can support efforts and/or ongoing coordination between institutions (e.g., one possibility might be by providing a continuously updated, quality-assessed and quality-controlled hourly temperature data set).

Research suggestions can be provided to our [Research Idea Exchange Docket](https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=19-ERDD-01):
<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=19-ERDD-01>.

Background

Cal-Adapt has been designed to provide access to the wealth of data and information that has been, and continues to be, produced by State of California's scientific and research community. Energy sector stakeholders have expressed a desire for a continuously updated, high-quality repository of hourly data from meteorological stations throughout California, as well as projected sub-daily temperature data.

This workshop aims to: (1) get feedback from potential data users to ensure that the manner in which the data is made available on Cal-Adapt meets energy stakeholder's needs; and (2) engage stakeholders in a discussion of data needs related to sub-daily temperature products and how Cal-Adapt can support a coordinated approach to the use of such data. Energy sector stakeholders rely on high-resolution data products, such as those to be discussed at the workshop, to gain insight into the effects of weather on the sector.

Public Comment

Oral comments: Staff will accept oral comments during the workshop. Any comments may become part of the public record for this proceeding.

Written comments: Written comments must be submitted to the Docket Unit by **5:00 p.m. on January 2, 2020**. Written comments will also be accepted at the workshop; however, the Energy Commission may not have time to review them before the conclusion of the meeting.

Written and oral comments, attachments, and associated contact information (e.g. address, phone number, e-mail address) become part of the viewable public record. This information may also become available via any Internet search engine.

The CEC encourages use of its electronic commenting system. Visit our [Research Idea Exchange Docket](#):

<https://efiling.energy.ca.gov/Ecomment/Ecomment.aspx?docketnumber=19-ERDD-01>, which links to the comment page for this docket. Select or enter a proceeding to be taken to the “Add Comment” page. Enter your contact information and a comment title describing the subject of your comment(s). Comments may be included in the “Comment Text” box or attached in a downloadable, searchable Microsoft® Word (.doc, .docx) or Adobe® Acrobat® (.pdf) file. Maximum file size is 10 MB.

Written comments may also be submitted by email. Include the docket number 19-ERDD-01 and Workshop on Hourly Temperature Data on Cal-Adapt in the subject line and send to docket@energy.ca.gov.

If preferred, a paper copy may be submitted to:

California Energy Commission
Docket Unit, MS-4
Re: Docket No. 19-ERDD-01
1516 Ninth Street
Sacramento, CA 95814-5512

Public Advisor and Other Commission Contacts

The CEC’s Public Advisor’s Office provides the public assistance in participating in CEC proceedings. For information on how to participate in this forum, please contact Public Advisor, Noemí O. Gallardo, at publicadvisor@energy.ca.gov, (916) 654-4489 or toll free at (800) 822-6228.

Please direct requests for reasonable accommodation to Yolanda Rushin at yolanda.rushin@energy.ca.gov or (916) 654-4310 at least five days in advance.

Media inquiries should be directed to the Media and Public Communications Office at mediaoffice@energy.ca.gov or (916) 654-4989.

Questions on the subject matter of this meeting should be directed to Martine Schmidt-Poolman at martine.schmidt-poolman@energy.ca.gov or (916) 327-3424.

Remote Attendance

WebEx is the CEC’s online meeting service. When attending remotely, presentations will appear on your computer/laptop/mobile device screen and audio may be heard via the device or telephone. Please be aware that the WebEx meeting may be recorded. WebEx technical support is available at 1-866-229-3239.

Via Computer: Go to the [CEC’s Webex page](https://energy.webex.com/ec): <https://energy.webex.com/ec>. If this event is listed, click “Join.” If not, click the “Home” tab on the top left of your screen and

enter Event Number **493 707 324**. When prompted, enter your name and email address. No password is needed.

The “Join Conference” menu offers a choice of audio connections:

1. To call into the meeting, select "I will call in" and follow the on-screen directions.
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Via Telephone: (no visual presentation): Call 1-866-469-3239 (toll free in the U.S. and Canada) and when prompted, enter the meeting number above. International callers may select a number from the [global call-in page](https://energy.webex.com/energy/globalcallin.php):
<https://energy.webex.com/energy/globalcallin.php>.

Via Mobile Device: Download the application from [the web-conferencing page](http://www.webex.com/products/web-conferencing/mobile.html):
www.webex.com/products/web-conferencing/mobile.html

Muting: We greatly appreciate your cooperation in reducing background noise on the audio connection by muting your line when you are not speaking. Mute your line rather than placing your phone on hold. Using WebEx, right click on your name in the panelists or attendees list and select “Mute.” If you are using a telephone connection, press “*6” once to mute and again to unmute.

Availability of Documents

Documents and presentations for this meeting will be available at the [docket 19-ERDD-01](https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-ERDD-01):
<https://efiling.energy.ca.gov/Lists/DocketLog.aspx?docketnumber=19-ERDD-01>.

Dated: November 27, 2019, at Sacramento, California

Laurie ten Hope
Deputy Director
Energy Research and Development Division

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