



To all parties in R.13-11-005,

**Commission staff is seeking comments on the plan listed below by Wednesday, July 15 at 5pm  
HVAC1 Upstream Draft Research Plan**

To help inform comments Commission staff and its consultant DNV-GL will be hosting a webinar to present the draft plans and address questions on Thursday July 9th between 11:00am and 1:00pm.

Summary:

**HVAC1 Upstream Draft Research Plan:** The California Public Utilities Commission (CPUC) has engaged DNV GL under the CPUC 2013-14 HVAC Research Roadmap to evaluate California investor-owned utility (IOU) heating, ventilation, and air conditioning (HVAC) program activity. As part of this work, this study will investigate the energy impact of 2013-2014 IOU Upstream HVAC programs in California. DNV GL's research will include onsite surveys and engineering analysis of chillers and packaged HVAC/ heat pump systems. The evaluation team will also characterize the commercial use of ductless mini-split systems. In addition, the study will look at the efficacy of remotely-monitored metering equipment with an eye on increasing data collection efficiency and reducing costs for future evaluations. DNV will also investigate market shares to compare the quantity of high efficiency units that were sold without program influence versus the quantity of those attributed to the upstream program. The primary goal of this research is to determine the best estimate of actual energy and demand savings achieved by rebated upstream HVAC measures during the 2013-14 program cycle.

How to file comments

The draft plan can be downloaded from <http://www.energydataweb.com/cpuc/>. Select the search tab and then select *Portfolio Cycle 2013-2014* and search text 'HVAC1' (no quotes). Click the search button and you will see the files for downloading.

**Comments should be uploaded to the website by clicking "comment" on the plan by 5pm on July 15, 2015.** In order to post comments, you will need to register on the site with an ID and password.

Details of the webinar:

**July 9th, 11:00am - 1:00pm.**

You are invited to a meeting using Unified Meeting 5. This webinar will be recorded.

**To join the meeting, click here:**

<https://my.intercall.com/6254786853>

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Not on the web? Call in on your phone:

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If you are the moderator, enter the Leader PIN.

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In the event of any problems or questions, contact Lola Odunlami at [lod@cpuc.ca.gov](mailto:lod@cpuc.ca.gov) telephone (415) 703-1893 and/or Jason Meyer at [jason.meyer@dnvgl.com](mailto:jason.meyer@dnvgl.com).