

Regulatory Updates on Demand Side Management

July 2010

- *The Memorandum of Understanding between the Forum of Regulators, Lawrence Berkeley National Laboratory (LBNL); California Energy Commission (CEC) and the California Public Utilities Commission (CPUC) is making its headway in the demand-side management sector. LBNL team has made regular visits to Regulators and Distribution licensees and also conducted focused workshops on topics related to Load Research, DSM design & implementation and Measurement & Verification protocols. Above activities were carried out during December 2007 to June 2010. Staff from both regulatory commissions and utility companies participated in these training programs and workshops.*
- *Maharashtra Electricity Regulatory Commission (MERC) notified two Regulations –*
 - a) *Maharashtra Electricity Regulatory Commission (DSM Implementation Framework) Regulations, 2010*
 - b) *Maharashtra Electricity Regulatory Commission (DSM Implementation Framework) Regulations, 2010 on 26 April 2010.*

The Regulations can be downloaded from the webpage www.mercindia.org.in/regulations or can be requested from secretary@mercindia.org.in. MERC has formed a DSM Cell comprising of Regulatory Officers. The DSM cell will facilitate the activities of the DSM Consultation Committee; a forum facilitating the DSM program approval and tracking process at the Commission. Maharashtra now has around 10 pilot programs under various phases of implementation. The programs target agriculture pumping (supported through the Bureau of Energy Efficiency), residential lighting, residential and industrial HVAC (ceiling fans and ACs) and commercial air-conditioning programs.

- *Forum of Regulators approved the Draft Guideline DSM Regulations prepared by the Bureau of Energy Efficiency (BEE) during the meeting held on 21st April, 2010 at Shillong. The regulations can now be adapted by the State Electricity Regulatory Commissions. The Regulations can be downloaded from the webpage <http://www.forumofregulators.gov.in/> or can be requested by email sent to dcra@cercind.gov.in*
- *Karnataka Electricity Regulatory Commission (KERC) organized a half-day workshop on DSM design and implementation strategies for distribution companies in the state of Karnataka on July 12, 2010. Experts from the LBNL team made presentations on DSM theory,*

its benefits to the state including those resulting in higher tax revenues. Based on the discussions at the meeting, one of the DISCOMs in Karnataka has initiated the process of launching a detailed Load Research activity, which will act as one of the starting points for design and implementation of DSM programs.

- Delhi Electricity Regulatory Commission (DERC) organized a half-day workshop on DSM design and implementation strategies for distribution companies on July 15, 2010. Experts from the LBNL team and industry representatives made presentations on DSM theory, its benefits to the state including those resulting in higher tax revenues, DSM implementation options and demand response programs. Based on the discussions at the meeting, Delhi utilities will be submitting DSM programs for approval of the Commission during a one-month period.*
- West Bengal Electricity Regulatory Commission (WBERC) expressed interest in initiating load research activities in the state. Accordingly, CESC is now in the process of launching load research in Kolkata. Experts from the LBNL team visited Kolkata in June 2010 and are assisting CESC in the end-use data that should be collected as part of this activity.*
- Forum of Regulators, during the meeting on 18 June 2010, approved the Regulated Multi-state DSM Programs (RMSDP) to be implemented jointly with Energy Efficiency Services Ltd. (EESL) and the Bureau of Energy Efficiency (BEE). RMSDP is intended to promote long-term utility-based DSM programs. It will reduce transaction costs by bundling future demand across several states/regions and enhance the ease of administering the design and deployments of appliances that are better suited to Indian conditions, and significantly accelerate the pace of market penetration of super efficient appliances in the market.*
- The design and implementation of aforementioned DSM programs will be assisted by a Lawrence Berkeley National Laboratory team led by Dr. Jayant Sathaye. For additional information about these programs please contact Dr. Mahesh Patankar who is based in Mumbai. (Mahesh.patankar09@gmail.com)*