

# TASK XV NEWSLETTER NO 5

1 August 2007

## TASK XV EXTENSION COMMENCES

### INDIA, NEW ZEALAND AND SOUTH AFRICA JOIN TASK XV

The IEA DSM Programme Executive Committee has approved the commencement of the extension to Task XV. The extension consists of two parts:

- the incorporation of material from three new participating countries into the work already completed for Task XV; and
- the execution of a new Subtask on the role of load control and smart metering in supporting electricity networks.

#### APPROVAL OF TASK XV EXTENSION

The original work plan for Task XV was completed in May 2007. However, India, New Zealand and South Africa have recently joined the IEA DSM Programme as new members and have indicated that they want to participate in Task XV.

At the IEA DSM Executive Committee meeting in April 2007, the four countries that participated in the original Task XV work plan, Australia, France, Spain and the United States, agreed that an extension to Task XV should be carried out.

The work on the new Subtask will be funded entirely by financial contributions from the three new participants.

The four countries currently participating in Task XV will be able to access and contribute to this new work free of charge, in return for providing new participants with access to the results of the already completed work in Task XV.

The IEA DSM Executive Committee approved these financial arrangements.

The Task XV extension will be carried out over about 12 months.

#### NEW PARTICIPANTS

The new participants are as follows:

**India:** Government of India represented by the Bureau of Energy Efficiency (BEE), Ministry of Power. BEE will seek to involve representatives from the Indian electricity industry.

**New Zealand:** A group of four New Zealand organisations joining Task XV as a Sponsor, comprising: TransPower (the transmission network operator); the Electricity Networks Association; the Electricity Commission (the electricity industry regulator); and the Energy Efficiency and Conservation Authority (a New Zealand Government agency).

**South Africa:** ESKOM, the vertically integrated South African electricity utility.

The new participants are currently selecting their country Experts and are organising work teams to carry out the work required to participate in Task XV.

As Task XV Operating Agent, I would like to welcome these new participants and I look forward to working with you over the next 12 months.



## INCORPORATING MATERIAL FROM NEW PARTICIPANTS

The original work plan for Task XV has now been completed and the results are available in four reports and one on-line database:

- **Research Report No 1:** *Worldwide Survey of Network-driven Demand-side Management Projects*
- **Research Report No 2:** *Assessment and Development of Network-driven Demand-side Management Measures*
- **Research Report No 3:** *Incorporation of DSM Measures into Network Planning*
- **Research Report No 4:** *Evaluation and Acquisition of Network-driven DSM Resources*
- **On-line Database:** *Case Studies of Network-driven Demand-side Management Projects*

Each new participating country will be able to download copies of the four completed research reports from the Task XV website. They will also have access to the existing online database of 45 case studies of network-driven DSM projects.

Experts from the new participants will be invited to provide information for new case studies from their countries, and to contribute additional material to the research reports.

As the Operating Agent, I will prepare the new case studies and add them to the online case studies database. I will also prepare revised editions of the research reports incorporating the material from the new participants.

## SUBTASK 6: ROLE OF LOAD CONTROL AND SMART METERING

The objective of this new Subtask is to investigate in detail the role of load control and smart metering in supporting electricity networks. The work of Subtask 6 will be carried out through three Activities.

### Activity 6-1: Load Control and Smart Metering Technologies

This Activity will carry out a survey of currently available load control and smart metering technologies, focussing on the functionalities and capabilities of load control and smart metering devices that can be used to achieve network-related objectives.

### Activity 6-2: Load Control and Smart Metering Projects

This Activity will review the load control and smart metering projects included in the Task XV case studies database to identify the factors that contribute to making such projects effective.

### Activity 6-3: Best Practices in the Use of Load Control and Smart Metering

This Activity will identify best practices in the use of load control and smart metering to achieve network-related objectives.

## TIMETABLE

APPROXIMATE TIMETABLE FOR TASK XV EXTENSION		
Activity	Start	Finish
Incorporating New Material	Early Aug 2007	End Dec 2007
6-1	Early Aug 2007	End Nov 2007
6-2	Early Dec 2007	End Mar 2008
6-3	Early Apr 2008	End Jul 2008

## COUNTRY EXPERTS

The actual research work for an IEA DSM Task is carried out by a combination of the Operating Agent and a group of country Experts, depending on the nature of the work to be carried out. Each country which is participating in a Task nominates one person as its country Expert.

Each Expert is responsible for carrying out any research work within his/her country which is required for the Task. Alternatively, the work may be carried out by a team of people, with one member of the team nominated as the country Expert and responsible for ensuring that the work is completed.

## TASK XV WORK TO BE CARRIED OUT

### Experts from New Participants

Experts from India, New Zealand and South Africa, please carry out the following tasks before the end of September.

1. Email me contact details for yourself and for other people in your country who will be working on Task XV. Contact details should include: name, job title, organisation, street address, email address, and phone and fax numbers.
2. Download from the Task XV website the four completed Task XV research reports.
3. Email me information that I can use to prepare case studies of network-driven DSM projects from your country. Read the Task XV Research Report No 1 or access the online database for examples of existing case studies.

4. Read the other three Task XV research reports. Email me with suggestions about additional material from your country that could be incorporated into these reports.

### All Experts

All Experts, please carry out the following tasks related to Activity 6-1 before the end of September.

1. Email me information about load control and smart metering technologies used in your country. I am currently developing a database of load control and smart metering technologies which will be accessible online on the Task XV website, hopefully before the end of August.
2. Email me information that I can use to prepare case studies from your country of projects in which direct load control and/or smart metering was used to support electricity networks.

My email address is: [crossley@efa.com.au](mailto:crossley@efa.com.au).

## TASK XV EXPERTS MEETING

Experts meet regularly to review and assess the progress of the work completed by the Operating Agent and by the group of Experts. Experts meetings are held on a rotational basis in one of the countries participating in the Task.

At present one Experts meeting is scheduled to be held during the Task XV extension. I suggest that we hold this meeting either late in 2007 or early in 2008 in one of the new participating countries. If you are interested in volunteering to host the Experts meeting, please contact me at: [crossley@efa.com.au](mailto:crossley@efa.com.au).

## THE TASK XV WEBSITE

The IEA DSM Programme website has been completely re-designed and is now much easier to navigate and use.

The Task XV website within the IEA DSM site has also been redesigned and extensively updated. It has a new URL: <http://www.ieadsm.org/ViewTask.aspx?ID=16&Task=15&Sort=0>

The Task XV website is in two parts:

- a public site which outlines the Task XV purpose and work plan and summarises the work completed to date; and
- an Experts secure site, accessible only by password, which includes working documents and the detailed Task XV research reports completed to date.

A manual containing information about how to access the Task XV Experts secure site is available from me. I will shortly be sending copies of this manual to all people working on Task XV. If you do not receive this manual, please email me at: [crossley@efa.com.au](mailto:crossley@efa.com.au).

Please note that some of the redesign and updating work on the Task XV Experts secure site has not yet been completed:

- the existing case studies database is accessible but still requires work to completely integrate it into the new website design;
- the new database of load control and smart metering technologies is still being developed and is not yet accessible on the secure site.