

AEMO Demand-Side Participation Survey

AEMO is conducting a demand-side participation (DSP) survey to provide information for the 2011 Electricity Statement of Opportunities (ESOO).

Information gathered from this survey will be used to understand both:

- 1. historical levels of load reduction that applied to recorded measures of regional summer and winter maximum demand; and*
- 2. future levels of load reduction that should be used to discount future regional demand levels for the purpose of calculating the supply-demand balance.*

The results of this survey will be published in the ESOO in aggregate. Confidential information identifying individual respondents or their customers that may be collected by AEMO while undertaking this survey will not be published.

Instructions

Please read the definition below and then answer the questions that follow.

Definition

DSP includes actual or potential load reduction due to and only due to any of the following:

- load that is able to be significantly reduced¹ in response to short-term wholesale price increases;
- load that is able to be significantly reduced in response to short-term adverse network loading conditions;
- increased output from a small generator that provides a significant load offset and that is responding to short-term wholesale price increases;
- increased output from a small generator that provides a significant load offset and that is responding to short-term adverse network loading conditions; or
- an organised aggregated demand-side response (including load reduction and output increases from small generating systems) to short-term increases in wholesale prices or adverse network loading conditions.

¹ Please note that 'load that is able to be significantly reduced' describes a situation where pricing or other contractual agreements are in place that provide an incentive (but may not guarantee) consumer response on a half-hourly basis.

Questions

1.

Tell us your name, the organisation you represent and your contact details:

Name:

Organisation:

Telephone:

Email:

2.

Using the above **definition**, would you say definitely that your organisation was a party to a pricing arrangement or other contractual agreement that led to (or could have led to) the dispatch of any DSP during the hours of 7:00 am to 7:00 pm during the period from May 2010 to date.

Yes

No If no go to Question 5 ⇨

3.

Who was or would have been responsible for dispatching the DSP identified in Question 2?

Your organisation

Someone else

4.

If you are able to do so, please list all National Metering Identifiers (NMIs) for each respective metering point in the table below, for all the DSP (or possible DSP) identified in Question 2. The first column of the table is for DSP dispatched by your own organisation. The second column is for DSP possibly dispatched by someone else (for example, customers with some direct exposure to market prices).

NMIs – own dispatched	NMIs –dispatched by someone else

If you are unable to provide the NMIs, please separately provide half-hour load traces for both: (1) own-dispatched DSP (in MW); and (2) any other identifiable DSP (in MW) that applied in aggregate in each National Electricity Market region, over the period indicated in Question 2.

If you are unable to provide either a list of NMIs or a load trace for each relevant region, please provide an explanation, either in the space below or attached separately.

5.

Looking to the future and using the above **definition** of DSP, would you say that your organisation will be a party to a pricing arrangement or other contractual agreement that could lead to the dispatch of any DSP during the hours of 7:00 am to 7:00 pm at any time from May 2011 up to and including March 2012?

Yes

No If no go to Question 8 ⇨

6.

For all future DSP considered in your response to Question 5, what would you estimate to be the *maximum* potential quantity (in MW) for which your organisation or its customers are responsible and which could occur during the hours of 7:00 am and 7:00 pm during:

a) *cold days in winter 2012;*

New South Wales	Victoria	Queensland	South Australia	Tasmania

and

b) *hot days in summer 2011-12*

New South Wales	Victoria	Queensland	South Australia	Tasmania

If your answer is nil for both winter and summer for all regions go to Question 8.

7.

Using your best judgement, allocate the DSP in MW stated in Question 6 to the following categories:

- a) very likely to occur at time of regional summer maximum demand;
- b) even chance of occurring at time of regional summer maximum demand;
- c) extremely unlikely to occur at time of regional summer maximum demand;
- d) very likely to occur at time of regional winter maximum demand;
- e) even chance of occurring at time of regional winter maximum demand; or
- f) extremely unlikely to occur at time of regional winter maximum demand.

Place your allocated DSP in the following tables.

SUMMER	New South Wales	Victoria	Queensland	South Australia	Tasmania
a) very likely					
b) even chance					
c) extremely unlikely					

WINTER	New South Wales	Victoria	Queensland	South Australia	Tasmania
d) very likely					
e) even chance					
f) extremely unlikely					

8.

Looking forward, in your opinion what are the main factors that will drive potential increases in DSP in the next 10 years?

- a) commercial arrangements?
- b) weather conditions?
- c) regulation?
- d) generation or network capacity limitations?
- e) smart metering?
- f) time of use/critical peak pricing?
- g) other – please state?

-
- h) don't know

9.

Provide any further comments you may have on the level of DSP that will actually apply at, or close to, times of regional summer and winter maximum demand over the next 10 years in the space below (attach a separate sheet if necessary).

Finish

Return completed survey to AEMO by close of business **Thursday 5 May 2011**, marked for the attention of Richard Hickling, by one of the following means.

Post:

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