

Registration of Demand Response in Market Manuals

Demand Response Public Meeting
September 12, 2014



- This presentation will highlight the additions to existing IESO Market Manuals in order for DR3 contract holders to participate in Capacity Based Demand Response
- Capacity Based Demand Response is a short-term program designed to bridge the time between the expiration of DR3 contracts and the delivery dates of a DR Auction

1. Market Manual 1.1: Participant Authorization, Maintenance & Exit
 - Addition of Demand Response Market Participant Class
2. Market Manual 1.2: Facility Registration, Maintenance and De-registration
 - Addition of new section outlining how to participate in Capacity Based Demand Response
3. Market Manual 5.4: Prudential Support
 - Addition of specification of prudential amount

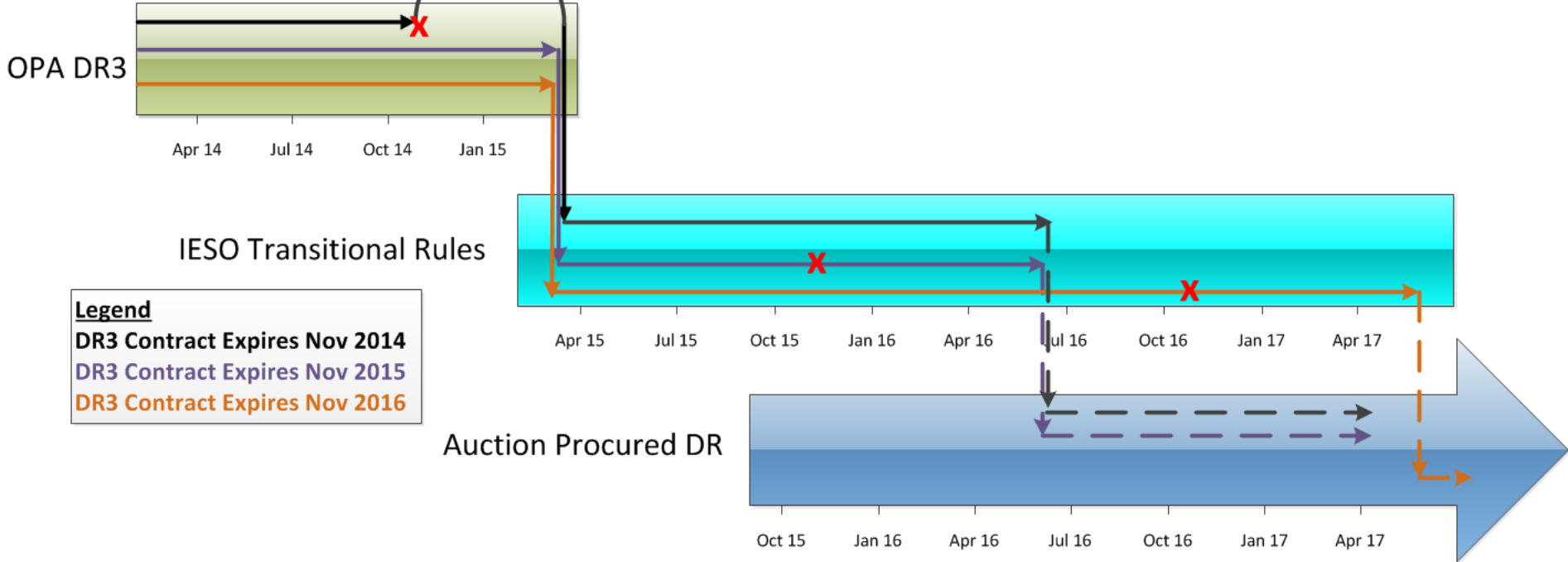
- A new “Demand Response Market Participant” class will be added to the list of existing market participants authorized to participate in the IESO-administered market
- Qualification for this new market participant class would be added to Market Manual 1.1: Participant Authorization, Maintenance & Exit
- Requirements include:
 - Read and comply with the market rules pertaining to market participation
 - Complete application and sign Participation Agreement
 - Payment of Market Entry application fee

- A new section will be created in Market Manual 1.2, Section 6: Capacity Based Demand Response
- Carve out method similar to Market Manual 1.2, Section 5 used for Variable Generation
- Section 6 will contain:
 - What the CBDR program is
 - Who is eligible
 - Registration requirements

- Who will be able to participate:
 - DR3 contracts in place at the time of the Minister of Energy's letter transferring responsibility for Demand Response from the OPA to the IESO (March 31, 2014)
- Term
 - CBDR for each Demand Response Account will terminate on the *next* delivery date of the Demand Response Auction after the expiration date of the respective OPA DR3 contract.

Demand Response Timeline

- Q1 2015
IESO
Transitional
Rules Go Live
- Q4 2015 –
Q1 2016
1st DR
Auction
- ~ Jun 2016
Delivery Date
of 1st DR
Auction
- Q4 2016 –
Q1 2017
2nd DR
Auction
- ~ Jun 2017
Delivery Date
of 2nd DR
Auction



- Availability
 - Hours of Availability
 - Early/Late windows
 - Maximum Activation Hours
 - Option A/B

- Application requirements:
 - DR Account summary
 - DR Account schedule
 - M&V Plan
 - Statement of Participant's ability to provide Prudential Security
 - For Behind the Meter Generation, the required permits and approvals obtained
 - Declaration whether the Account or Contributors are bound under any other DR or other programs

- The prudential security calculation will be contained in Market Manual 5.4: Prudential Support Section 1, 1.3.7

Prudential Security

= \$10,000 X Highest Monthly Contracted MW

- Please send feedback to Stakeholder.Engagement@ieso.ca