Meeting Summary
UCAP Discussions – Demand Response

Meeting date: June 28, 2021
Meeting time: 1:00 p.m.
Meeting location: Microsoft Teams Meeting

Chair/Sponsor: Ryan King
Scribe: Nicole Kosonen

Informal Working Group Discussion

Purpose

A series of resource-specific UCAP discussions were hosted by the IESO in order to review in more detail and in an informal setting with stakeholders, initial proposals for resource-specific UCAP methodologies that were presented to stakeholders at the May 28, 2021 Resource Adequacy engagement webinar.

Attendees

Abdi Mohamed	Hoda Youssef	Natalia Perdomo	Sarah Simmons
Allen Freifeld	James Roth	Nicole Kosonen	Tanner Behrend
Allison Miller	Jennifer Jayapalan	Paulo Antunes	Tom Aagaard
Alvin Zhang	Karen Miller	Rahul Mittal	Tony Ruberto
Brandon Kelly	Karen Wharton	Rob Coulbeck	Utilia Amaral
Dale Fitzgerald	Katie Skende	Rob Sinclair	
Dave Forsyth	Laura Zubyck	Robert Ferguson	
David Mitchell	Lucas Born	Roman Grod	
Fahad Rashid	Mark Hartland	Ryan King	
Greg Peniuk	Michael Pohlod	Samantha Misner	
Heather Sears	Mike Zajmalowski	Sarah Griffiths	

Theme: Dispatchable Loads

- No changes to proposal or clarifications requested

ieso
Connecting Today.
Powering Tomorrow.

Theme: Testing of HDR

- Will the PAF be determined through one test or a series of tests? Will the test results be averaged? How many tests will be done?

  - *IESO noted that a retest could be requested if unusual circumstances had an impact during the initial test.*

- Are other resource types allowed to request retests? If not, is this fair?

- Other ISOs use multiple tests and allow for re-testing.

Theme: Losses

- Are loss factors included in unforced capacity calculation?

  - *IESO responded that losses are currently not included in capacity qualification.*

- Deliverability assessment is not part of the current framework for internal resources.

- Recommendation that IESO consider avoided line losses on the transmission / distribution system by adding a "gross-up"

Theme: Historical Data

- Previously considering using historical data → IESO is no longer considering using bid data.

- HDR only need to maintain energy market bids through to real time under specific circumstances (i.e. when placed on standby). Consequently, IESO does not have sufficient real-time bid data to use as an input into assessments.

- Not enough data to currently distinguish between planned and forced outage.

- Better / more indicative data may be available in the future which may warrant revisiting this methodology

Theme: Aggregates

- What is considered as the resource to which these UCAP values would be assigned? How will resources be tracked from year to year?

  - *For aggregated resources, the IESO is looking at the resources that would submit the bid / be activated, submit data and with whom the IESO settles for capacity.*

Other

- A non-dispatchable load could change the capabilities of the load by adding Behind-the-Meter (BTM) storage, making it a dispatchable load. Does this impact the classification/registration? What historical information will be used?

  - *In this scenario, the IESO could treat the resource as a new dispatchable load if it registered as such*

- Can some example calculations be provided for UCAP / PAF?

- When will the PAF be assigned / will the participants know their PAF?

- RCAP, or registered capacity, is a term being considered over ICAP for HDR as ICAP generally implies "steel in the ground" resources. RCAP may be better suited to describe virtual resources and the MW they submit for qualification. This is not necessarily the same as enrolled capacity today, which is currently provided by participants.