

Meeting Summary

UCAP Discussions – Thermal

Meeting date: June 25, 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	Fahad Rashid	Jennifer Jayapalan	Natalia Perdomo
Bajaj, Nitesh	Garry Spence	Jennifer Xu	Nicole Kosonen
Bill Wilbur	Gene Capasso	Laura Zubyck	Paulo Antunes
Brandon Kelly	Heather Sears	Margaret Koontz	Rahul Mittal
Dale Fitzgerald	Hoda Youssef	Mark Hartland	Ritesh Talati
Dave Forsyth	Iain Angus	Maya Knauth	Ryan King
David Mitchell	Ismael El-Samahy	Michael Killeavy	Tony Ruberto
Emma Coyle	Jeff Vidmar	Mike Zajmalowski	

Theme: Outages

- Clarification was requested regarding how outages are used to calculate EFORD – are planned outages used, partial outages used?
 - *For thermal resources, IESO does not use planned outages to calculate EFORD in planning assessments.*
 - *For thermal resources, partial forced de-rates/outages are included in the EFORD calculation in planning assessments.*

- The EFOR_d calculation and information can be found in Section 3.3 of the Annual Planning Outlook on the IESO website ([APO-Resource-Adequacy-Energy-Assessment-Methodology.pdf](#)), and is presented here where FOH_d is Forced Outage Hours on Demand, EFDH_d is Equivalent Forced De-Rated Outage Hours on Demand, and SH is Service Hours:

$$EFOR_d = \frac{FOH_d + EFDH_d}{SH + FOH_d} \times 100$$

Theme: 5 Year Average

- IESO noted that the Planning Group currently uses a 5 year rolling average, with no weighting.
- If upgrades / increases to capacity are installed at facility, how will this be reflected if historical averages are used?
- If improved maintenance routines are incorporated at a facility to effectively reduce the forced outage rate, how will this be incorporated in the EFOR_d calculation?

Theme: Aggregates

- Clarification requested on how aggregate resources are viewed / accounted for by the IESO. Will UCAP values be established at the resource level or facility level for these resources?
- How will multiple or different types of resources within an aggregate be considered?
- For the capacity auction, the IESO will be considering the resource level, not the aggregate level.

Other

- Inquiry by participant as to how the IESO may consider fuel certainty in the future (ie. Availability/delivery of gas). Noted that this may be a more relevant consideration for medium or long term RFPs.