



Information Note

Presentation on SEM PLEXOS Model (2020-2025) Validation and Backcast

SEM-19-69

2nd December 2019

Information Note

On the 10 September 2019, the SEM Committee published an Information Note (SEM-19-044) to inform stakeholders that the Regulatory Authorities (i.e. CRU & UREGNI) are commencing a validation of its SEM PLEXOS model for the period 2020-25.

As per SEM-19-044, the validation exercise is being completed by Economic Consulting Associates (ECA) on behalf of the Regulatory Authorities (RAs). As part of ECA's scope of work, the RAs have requested ECA to complete a backcast, using out-turn market data (post 1 October 2018), to test model settings and parameters in order to bring the SEM PLEXOS model outputs more in line with out-turn data.

To date, the RAs through its consultants (i.e. ECA), have engaged with relevant stakeholders (e.g. EirGrid/SONI, Generators and Suppliers) in order to obtain relevant market information for the validation. Additionally, the RA's consultants have engaged with stakeholders (both suppliers and generators), who have provided feedback on the RAs approach to previous SEM PLEXOS validations and highlighted issues to consider for the forthcoming validation (2020-25).

Prior to finalising the validation of the SEM PLEXOS model, the RAs consultants will host a workshop at the Crowne Plaza in Dundalk on the **9th December 2019** at 11:00am - 12:30am.

As part of this workshop, ECA will present its initial results and findings regarding its backcast and validation, thereby providing stakeholders with an opportunity to provide additional feedback. Following consideration of feedback received, the RAs intend publishing the validated SEM PLEXOS model (2020-25) and associated report in January 2020.

Parties interested in attending the ECA workshop are required to confirm their attendance with the RAs Market Modelling Group (mmg@cru.ie) by **Friday 6th of December 2019**.