

# DS3 Programme Advisory Council Meeting

## 23<sup>rd</sup> September 2014

### **Actions from Last Advisory Meeting – 20<sup>th</sup> May 2014**

#### **DS3 Programme Update**

1. TSOs to consider re-run of Annual Constraints and Curtailment report factoring in the revised timelines included in the Operational Capability Outlook document **(TSOs)**
  - **Update to be provided during the general DS3 Programme Update on 23/09/14.**

#### **Actions from Last Meeting**

2. The TSOs are to set up a Teleconference to provide an update on the Minimum Generation Studies to Council Members following its review at the next OPR Committee. **(TSOs)**
  - **Agenda item at the Advisory Council meeting on 23/09/14.**
3. All Advisory Council members to provide feedback and comments on the two outstanding workstreams (Frequency Control & RoCoF) by Tuesday 27<sup>th</sup> May. **(All Members)**
  - **Feedback was received from two Advisory Council members (Tony Hearne and Catriona Diviney). Plans were published on the EirGrid website on 30/05/14 and can be found [here](#).**

#### **Advisory Council Membership**

4. TSOs to write to Advisory Council members in order to confirm their membership **(TSOs)**
  - **TSOs sent an email regarding membership confirmation on 29/08/14. To date no current members have decided to step down from the Advisory Council.**
  - **Additionally the TSOs are exploring adding representatives from Large Energy Users, Demand Side Management, National Grid UK and HVDC Interconnection.**

#### **DS3 Risk Update**

5. The TSOs are to facilitate a Risk Workshop at next Advisory Council **(TSOs)**
  - **Agenda item at the Advisory Council meeting on 23/09/14.**
6. All members to suggest further risks to the DS3 programme which were not presented on **(All Members)**
  - **No further risk suggestions were received.**

#### **Industry Perspective**

##### **IWEA**

7. IWEA to circulate presentation slides to Advisory Council members **(IWEA)**
  - **Caitríona Diviney circulated the IWEA presentation slides following the last Advisory Council meeting on 20/05/2014.**

8. IWEA to provide update on wind farm build out rate at next Advisory Council **(IWEA)**
  - **Work is on-going on this. Caitríona Diviney to provide a high level verbal update at the Advisory Council meeting on 23/09/14.**

#### **SEAI**

9. TSOs to provide clarity on whether LR or MIP is used in RCUC. **(TSOs)**
  - **RCUC uses Mixed Integer Programming (MIP) for unit commitment scheduling and economic dispatch. The MIP uses the AMPL Mathematical Programming Language and the CPLEX MIP engine.**

#### **RoCoF**

10. TSOs to circulate the paper on Tasmania's RoCoF approach to Advisory Council members **(TSOs)**
  - **TSOs circulated this to the Advisory Council along with the Agenda and DS3 Programme Status Update on 09/09/14.**

#### **Voltage and Frequency Study Update**

11. The TSOs to consider presenting on the Reactive Power Planning Studies at the next Advisory Council meeting. **(TSOs)**
  - **Agenda item at the Advisory Council meeting on 23/09/14.**

#### **Curtailement and Constrained Reporting**

12. TSOs to provide an update to Council members on wind dispatch tool with regards to Constraint and Curtailment Reports at next Advisory Council. This will include a discussion on reason codes in said tool **(TSOs)**
  - **The EMS Wind Dispatch Tool is now fully operational in both the Dublin and Belfast control rooms. Each MW Dispatch Instruction (DI) issued by the Wind Dispatch Tool is tagged with an appropriate reason code selected by control centre staff from a drop-down list. These reason codes are logged alongside each DI for reporting purposes.**
  - **As it will take a few months to ensure the system is working correctly, it is expected that the first reports based on this will be available at the start of 2015 at the earliest. This will be the enduring solution going forward. In the meantime the TSOs intend to provide information based on estimates from the data available.**
  - **The list of reason codes is common to both control centres and can be seen below:**
    - **DCC Constraint**
    - **Developer Outage**
    - **High Frequency/Min Gen**
    - **RoCoF/Inertia**
    - **SNSP Issue**
    - **Test – Developer**
    - **Test – TSO**
    - **Transmission Constraint**
  - **Save for changes arising from lessons learned during initial implementation of the tool, these codes are not expected to change significantly in the medium term.**