SONI Update on WFPS Commissioning

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Areas for Harmonisation - Testing

- Harmonisation of requirements
  - EirGird WFPS test procedures reviewed against WFPS Settings Schedule in April 2014 to ensure harmonisation where possible.

- Power System Studies
  - New EirGrid Group structure has amalgamated planning functions North and South. Any studies or study requirements will be dealt with on an all-island basis.

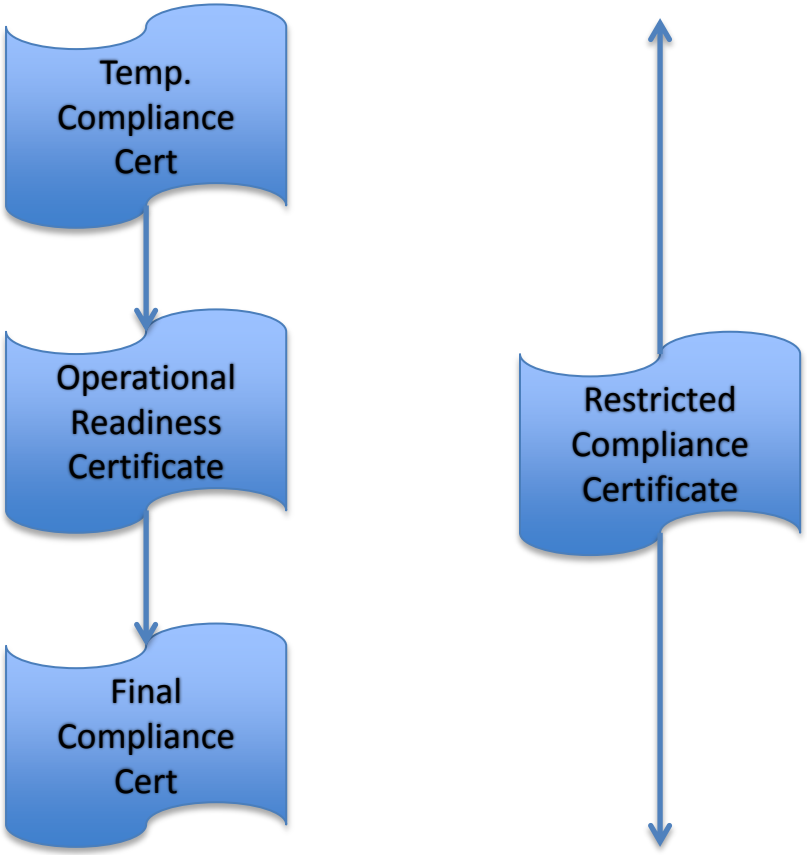
Areas for Harmonisation - Scheduling

- Calendar System
  - No changes being proposed. Calendar system is fair and suits majority of WFPS. Comments welcome.
- Notification List
  - Introduced in 2014. All-island approach implemented. Testing slot always available for Generators who are on notice to test.

Good progress made in last year with only 5 WFPSs in Northern Ireland (connected >12 months) with testing outstanding.

Areas for Harmonisation - Operational Certification

Certification terminology defined in the WFPS Settings Schedule



Website

- WFPS Settings Schedule

Approved version published on SONI website

- Controllability Status Updates

All-Island publication on EirGrid and SONI websites

- Notification List

All-Island publication on EirGrid and SONI websites

Settings Schedule Update

- 200ms requirement

- The **TSO** deems Fast acting with regards to **Frequency Control** response as being:
  - ~~The change in **Active Power Output** commences within 0.2 seconds of the application of the **Frequency** injection~~No time delays, such as moving average frequency filters, other than those necessarily inherent in the design of the **Controllable WFPS** shall be introduced.
  - **WFPS** shall respond to **Frequency** deviations as per **Frequency Response Ramp Rate**:
    - Primary Response capability of the **WFPS** (Available by 5s and sustained to 15s): 60% of expected **MW Output** change value based on droop characteristic. (This is an absolute minimum and if **Generating Units** can offer a larger response within 5 seconds they should do so)
    - Secondary Response capability of the **WFPS** (Available by 15s and sustained to 90s): 100% of expected **MW Output** change value based on droop characteristic. (This is an absolute minimum and if **Generating Units** can offer a larger response within 15 seconds they should do so)

- SONI and NIE currently reviewing WFPS Settings Schedule. Majority of modifications will be to provide clarification as opposed to introducing new requirements.