

# WS1A P7 Baseline Methodologies Open Networks

December 2020

## Key findings

- GB DNO Flexibility Products involve some specific parameters that are not widely seen internationally, most notably long utilisation instruction periods due to requirement predictability.
- As such, DNO constraint management products do not suitably compare against existing GB and international practices. Nevertheless, examples have been taken into account for the recommendations.
- Engagement found that FSPs value inclusivity and simplicity higher than other scoreable factors.
- Recommendations focus on three types of baselining methodologies that are relatively simple, are known in GB markets, and which are currently in use by DNOs and/or in ESO balancing services and/or in the Balancing Mechanism.

# Summary of DNV Recommendations

Product	Main recommendations
<b>Sustain and Secure Scheduled</b>	<p>More experience needs to be gained by all DNOs before moving to the standardisation of the validation process (including baselines, if applicable).</p> <p><b>Interim technology-specific validation mechanisms</b> have been recommended, these should be agreed between FSP and DNO at contract stage.</p>
<b>Secure Dispatched (week-ahead)</b>	<p><b>Default - Historical baseline without SDA</b></p> <p>Mid 8 of 10 for weekdays, mid 2 of 4 for weekends. Excludes prior event days and outliers.</p> <p><b>Alternative – Nomination.</b> To be used for</p> <ul style="list-style-type: none"> <li>• dispatchable generation</li> <li>• connections with dominant dispatchable generation</li> <li>• if accuracy levels of historical baselines are (too) low</li> <li>• in case historical data is not available.</li> </ul>
<b>Secure Dispatched (real-time), Dynamic and Restore</b>	<p><b>Default - Historical baseline with SDA</b></p> <p>Mid 8 of 10 for weekdays, mid 2 of 4 for weekends. Excludes prior event days and outliers.</p> <p><b>Alternative – Nomination.</b> To be used for</p> <ul style="list-style-type: none"> <li>• dispatchable generation</li> <li>• connections with dominant dispatchable generation</li> <li>• if accuracy levels of historical baselines are (too) low</li> </ul>

## Next Steps

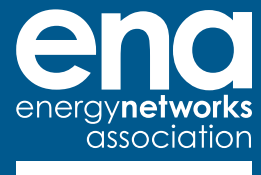
### Considerations for Implementation

- This product will continue under the ENA Open Networks 2021 Programme. Further consideration will be taken during 2021 as to the practicality of implementing the recommended baselines and further consultation will be undertaken with stakeholders.
- DNOs will need to consider available system capability as well as their current operational processes when assessing the suitability and practical implementation of these recommendations.
- While these recommendations will greatly inform our thinking, it is recognised that further implementation assessment over 2021 may evolve the final methodologies that DNOs go on to adopt.

# Next Steps

## 2021 P7 Scope

Activity	Outputs
<b>Stakeholder Feedback</b>	Consult with DNOs and relevant stakeholders to share baseline recommendation and gather feedback.
<b>Refine and finalise baseline(s)</b>	Evolve, refine and finalise the recommended baselines. Agree DNO implementation strategy and develop an appropriate governance strategy.
<b>Quantative Analysis</b>	Commission a tool to undertake analysis to ensure results meet baseline objectives. Develop tool to allow ongoing verification of baselines by DNOs, FSPs and Platforms
<b>Disseminate and implement</b>	Publication and marketing of product outputs; <ul style="list-style-type: none"> <li>• Final report.</li> <li>• Implementation strategy/timeline.</li> <li>• Governance strategy.</li> <li>• Baseline verification tool and supporting documentation.</li> </ul>



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