

Amendment D3.3 – Network Constraints – AMP Requirements

Attachment A of the ID determination has been amended to require EDBs to provide the following:

- A description of any policies or practices for providing sufficient information on current and forecast constraints (including LV network constraints where known) to inform the decision-making of potential consumers connecting to the network and potential providers of non-network solutions; and
- Regarding load and injection constraints on LV networks, a description of:
 - Any challenges, and progress, towards collecting or procuring data required to inform the EDB of current and forecast constraints on its LV network, including historical consumption data; and
 - Any analysis and modelling (including limitations and assumptions) the EDB undertakes, or intends to undertake, with that constraint-related data.

Narrative Information:

Top Energy advertises its known Network Congestions/Constraints on its website: [Export-Congestion-Website-Jan-2024.pdf \(topenergy.co.nz\)](#), this document was recently updated on 11 January 2024. Top Energy has published a Generation Congestion Management Policy [Generation Congestion Management Policy.pdf](#), This policy is aligned to the Electricity Authority statutory objective, which is to promote competition in, reliable supply by, and the efficient operation of, the electricity industry for the long-term benefit of consumers.

Top Energy is currently undertaking a LV Data Capture and Visibility project, this is intended to accurately capture, document, and quantify our LV data set.

We have developed two GIS based maps.

1. The first capture's locations of PV Installations to visually represent congestion or hot spots on the network that could potentially develop constraints. Further we continue to monitor Solar Uptake on the Network monthly.
2. The Second map forms part of an investigation we are conducting on the Distribution System. This is a heat map that identifies potential constraints based on ADMD. We also intend to roll out more LV monitoring devices on the distribution transformers as part of a capital project in FY25.

Access to smart meter data is still cost prohibitive based on the current offering we received.