

## 0011182 Phillip Island Non-Network Opportunity RFP – Frequently Asked Questions

15 December 2020

	<u>Question</u>	<u>Response</u>
1	Is there an AusNet Services land site or zone substation where a solution could be installed?	Service providers are responsible for establishing the site in accordance with statutory requirements, and entering agreements with land owners for occupancy throughout the duration of the network support period.
2	Outside of the defined parameters of charge/discharge restrictions, is a solution permitted to trade on the wholesale spot market outside of required availability for AusNet Services?	Service providers can operate their systems to participate in other markets within the normal operating limits of the network. These constraints are identified in the Connection Applications stage when you complete and submit network studies.
3	Are ancillary services permitted to be provided at this location, connected to 22kV?	Services providers will need to discuss with AEMO their eligibility to participate in ancillary services market. As above, participation must be within the normal operating limits of the network (i.e. manage charging loads within feeder thermal limits).
4	A service provider is planning on proposing a multi-part solution, e.g. comprising centralised storage and other demand control solutions. Would AusNet Services consider this option?	<p>Non-Network solutions can comprise any or all of the mentioned options to provide the requested output / demand response. Please include details and the proposed operating methodology to provide a firm response in your submission.</p> <p>Your submission will be evaluated on its ability to provide a firm response for the desired duration upon request or when triggered.</p>
5	Is the constraint on the proposed solution from charging from the grid between the hours of 4pm to midnight, apply all year (Billing Period) or only during the October - March months (Dispatch Period)	<p>Yes, the charging constraint between the hours of 4pm and midnight applies all-year.</p> <p>Also, charging capacity is limited between the hours of midnight and 2am all-year, and this will be confirmed once your system details (e.g. inverter specifications) are provided and assessed in the Connection Application stage, when network studies are completed and assessed by AusNet Services.</p>

6	<p>Connection – does the solution need to be an actual 4.95MW solution or can it be larger, and a software solution be in place to restrict the output to under 4.95MW?</p>	<p>Pending results of your network connection studies, the solution can be larger than 4.95 MW and across multiple locations on Phillip Island.</p> <p>The maximum capacity that can be connected will be confirmed in the Connection Application stage when you complete and submit network studies.</p> <p>The proposed systems are required to follow the normal process for connection of embedded generators. Any connection with an installed nameplate rating of 5 MW or above is required to be registered with AEMO or apply for exemption.</p> <p>Please note that there is no exemption for battery storage facilities 5 MW or more.</p>
7	<p>Is the annual network support payment in real or nominal dollars? If in real dollar term what is the reference date?</p>	<p>The annual network support payments are in nominal terms.</p>
8	<p>Under what temperature condition and power factor does the 4.95MW need to be achieved at?</p>	<p>4.95 MW @ ambient temperature of 45 deg.C (per the RFP document). Reactive power requirements of proposed solutions will be assessed in the Connection application stage when you complete and submit network studies.</p> <p>An ability for the solution to provide VAR support (i.e. four-quadrant capability) is also desired.</p>
9	<p>What level of detail and foreknowledge does AusNet Services have for the network support services e.g. does the supply need to occur to keep the temperature of the line below a threshold?</p> <p>How much detail do you have, and how much can be made available for the project during operations?</p> <p>What timeframes e.g. minutes, hours, days, weeks in advance?</p>	<p>Network support is likely to be required on days where ambient temperature exceeds 35 deg.C. and during holiday periods.</p> <p>For a manual dispatch, 12 to 24 hours' notice is provided via phone request.</p> <p>Per Schedule 1, an automated method of dispatch by which a solution receives a signal or trigger via DNP3 to dispatch the solution is also desired.</p>
12	<p>Can you please provide me with a link to any registration page, as well as the location that any addendums, questions and answers will be posted.</p>	<p>Any queries or submissions should be directed to the <a href="mailto:NonNetworkSolutions@ausnetservices.com.au">NonNetworkSolutions@ausnetservices.com.au</a> mailbox or via the submission form on the Non-Network Opportunities webpage.</p>