ENQUIRY PLANNING ASSESSMENT

1. Connection Application

An enquiry request has been received from an applicant exploring connection to Essential Energy's distribution network for the purposes of connecting a Load project.

The advice contained within this report is based on network parameters at the time of the assessment and does not reserve the requested capacity nor does it guarantee the constructability of any options provided. This will need to be confirmed as part of the application and any subsequent design certification requirements.

To formalise a connection agreement please submit a connection application via the Essential Energy connection portal referencing this assessment.

Project details are included within **Error! Not a valid bookmark self-reference.** below:

Table 1: Summary of connection details

Connection Details	Description
Project Identification	Case-00214089
Proponent	Allam MHE Developments No. 2 Pty Ltd
Location	40-80 Chapmains Rd, Tuncurry, NSW, 2428 Lot: 100 DP1286524
Load/Battery	1160 kVA with an additional 250A - 400A load for community facilities and 1740kW solar generation.
Customer POC	CE307641
Essential Energy Feeder	TUN3B5 - Banksia Gardens
Connection Method	HV extension from pole CE307641
Installation Details	The approximate load for 290 units is 1160kVA, while there will be an approximate 1740kW solar load connected to the network, with an additional 250A - 400A for community facilities.

2. Connection Study Scope

Contestable Planning's assessment has been conducted using a network normal configuration. The project specific assessment considers the thermal rating, voltage constraints, stability, power quality and asset ratings of existing connection assets.

The assessment has been undertaken in compliance with Essential Energy Connection Policy CEOP2513.06

3. Customer Network Connection Details

Feeder at TUN3B5- Banksia Gardens supplies the HV network to this lot. There are no upstream reclosers or voltage regulators.

4. Network Capacity Assessment

Technical assessment of the network indicates that the load of 1160 kVA with additional 400A for community facilities is achievable from the existing network. The network can support solar export of up to 1350 kW given that it passes VRC for its LV network. No upstream upgrades are required.

5. Supporting Evidence

The following figures have been included to complement or provide additional information relating to the proposed development.

Figure 1: Customer Concept Diagram

Figure 2: Customer Location in Small World