



Victorian Service and Installation Rules

Guidance for additional Point of Supply requests

Purpose

Increased demand for Electric Vehicle charging, community batteries, communications systems and other installations located on land owned and operated by separate entities has resulted in an increase in requests for additional Points of Supply (POS) for electrical installations.

This document is intended to help guide those seeking an additional POS to determine if it is likely to be approved. This guide does not override the need to comply to the technical requirements as detailed in the VSIR's that must be met.

Background

- The VSIR's currently allow for one connection point per electrical installation or property, with discretion given to the electrical distributor to vary these arrangements provided it is not necessary for the Distributor (DB) to undertake unreasonable augmentation of the network to provide an additional point of supply
- The Victorian Distributors preference is for a single point of supply as the standard connection method.
- In circumstances when standard solutions have been explored a customer can request dispensation from the VSIRs via completion of an "Exceptional Circumstances" request form <https://www.victoriansir.com.au/forms>.
- Requests will be assessed on a case-by-case basis considering the merits of the circumstances
- Final decisions on the merits of additional Points of Supply requests will be appropriately considered not only for the immediate need, but also the long term safety and operability of the installation.

Site Conditions where multiple points of supply are likely to be permitted

- Installations to remain physically separated and electrically isolated from the existing installation and buildings including any sub circuits e.g. external lighting
- Installations are easily recognisable as separate entities on the existing property
- Installation complies with industry standards & rules, including the current Victorian Service Installation Rules (VSIR's) & AS/NZS3000
- Installations include required warning labels and signage at the generation source(s), network point(s) of supply and at the main switchboards, informing operational and emergency services staff of:
 - the existence and location of each source of supply;
 - type(s) of supply;
 - point(s) of isolation; and
 - safe shutdown and isolation procedures.

Instances where multiple points of supply are not likely to be permitted

- Where the location of the proposed additional supply point may result in potential confusion for field crews attending the site in emergency circumstances.
- Where the Distributor would need to undertake unreasonable augmentation of the network to provide an additional point of supply
- Where the installation is not physically separate and electrically isolated from other installations/buildings
- Any situation where a potentially unsafe situation could be created
- Pre-existing sites where the Main Switchboard (MSB) can support the requirements for the additional load and accommodate multiple customers
- Earthing and touch potential hazards may be created
- Greenfield sites where there is opportunity for the electrical installation to be planned and built to meet the Service and Installation Rules
- Where site conditions or point of supply is not suitable for multiple supplies

Process to formally apply for an additional supply point

1. Complete the multiple points of supply checklist
 2. Complete Exceptional Circumstances form providing additional information to satisfy the technical requirements of clause 6.2.2.2 of the VSIR's
 3. Submit both documents to the relevant distributor for consideration
- DB's will typically respond within 2-4 weeks of receipt of request containing all required information
 - If approved, please ensure you include approval paperwork with supply and connection applications.



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Multiple Points of Supply Request Checklist

Date:	
Project Name:	
Project Address:	

Multiple Points of Supply Request – Checklist of required evidence		
Item	Description	Completed
Electrical Concept Plan	Plan to outline the proposed connection and existing connection on the site, including details of the existing and proposed connection points, leased areas, and property boundaries. Plans clearly showing how the multiple supplies will be segregated on site, including any sub installations.	
Site Photo	Photographs of current site	
Existing MSB details	Details of the existing site main switchboard (MSB) including the rating of any customer owned SPD assembly	
Single Line Diagram (SLD)	Diagram showing existing and proposed electrical connections	
Maximum Demand Calculation	Maximum electrical demand for the existing site and the calculated maximum demand of the proposed secondary supply site.	
Justification	Any supporting evidence to show that a second point of supply is required to remove engineering constraints and is more viable than consolidating with existing infrastructure	
Labelling	<p>Provide details & examples of how warning labels and signage will appropriately identify the generations source(s), network points(s) of supply informing operational and emergency services staff of;</p> <ul style="list-style-type: none">• the existence and location of each source of supply;• type(s) of supply;• point(s) of isolation; and• safe shutdown and isolation procedures	