

VICTORIAN

Electricity

Distributors

SERVICE & INSTALLATION RULES



MANAGEMENT COMMITTEE

Victorian Service & Installation Rules and Associated Connection Practices



Introduction This information has been collated by the Victorian Service & Installation Rules (SIR) Management Committee to provide guidance to the industry for individual Distributor SIR and associated connection practices. Please note this information was correct at the time of publication and the relevant Distributor should always be contacted where any doubt exists or confirmation is required. Refer to SIR Clause 4.2.

Contents		Page
Distributors Underground Services Installation	≤ 100A service pole to pit.	4
	≤ 170A pole to pit and supply connection facility	
	Any other Distributors U/G Service	
Number of Consumer Terminals	Subdivision or Multiple occupancy with Common Property or common area	4
	Single property with multiple occupancies	
Supply Capacity Control		4
Overhead Services	Maximum service length inside property	5
	Use of extra height service raiser brackets	
	Mid-Span Services	
	Property Crossings	
	POA location - Customer initiated new mains	
	Customer initiated over veranda servicing on Commercial Premises	

Supply from Sub-station on customer's property.	Consumer Terminals Location and Service Protection Device	5
SPD Location		5
Metering	Switching/Synchronising Service	6
	Metering Diagrams	
	Removal/Interference of meters & meter panels/boards by a REC	
	Grouped meter locations	7
	Provision of metering neutral links on customer supplied panels	
	Reuse of existing metal meter enclosures with new composite customer supplied panel	
	Distributors providing Current Transformers	
To obtain Current Transformers		
General	Dedicated or Distributor Contact Numbers	8

	Citipower	Jemena	Powercor	AusNet Services	United Energy
Distributors Underground Services - Installation					
≤ 100A service pole to pit.	Distributor (Commences 1 st Jan 2016)	Distributor	Distributor	Distributor (Service pit request form can be found at the AusNet Services website)	Distributor (Pole to Pit application form can be located at the United Energy website)
≤ 170A pole to pits & supply connection facility	Distributor	Distributor	Distributor	Distributor	Distributor
Any other Distributors U/G Service	Distributor	Distributor	Distributor	Distributor	Distributor
Number of Consumer's Terminals					
Subdivision or Multiple occupancy with common property or common area (includes two lot subdivision with existing house)	Per SIR - One (Large complexes may be more than one dependent on Distributor agreement)	Per SIR - One (Large complexes may be more than one dependent on Distributor agreement)	Per SIR - One (Large complexes may be more than one dependent on Distributor agreement)	Per SIR - One (Large complexes may be more than one dependent on Distributor agreement)	Per SIR - One (Large complexes may be more than one dependent on Distributor agreement)
Single property with multiple occupancies. (Dual Occupancy with no prospect to subdivide) NB. This resembles the properties described in the preceding row.	Per SIR – One	Per SIR – One (Dependent upon Distributor agreement - may be separate consumer terminals for an occupancy if it's a stand-alone property)	Per SIR – One	Per SIR – One (Dependent upon Distributor agreement - may be separate consumer terminals for an occupancy if it's a stand-alone property)	Per SIR – One (Dependent upon Distributors Responsible Officer agreement)
Supply Capacity Control	Per SIR and the Electricity Safety (Installations) Regulations	Per SIR and the Electricity Safety (Installations) Regulations	Per SIR and the Electricity Safety (Installations) Regulations	Per SIR and the Electricity Safety (Installations) Regulations	Per SIR and the Electricity Safety (Installations) Regulations

	Citipower	Jemena	Powercor	AusNet Services	United Energy
Aerial Service Cable					
Maximum service length inside property.	Per SIR (20m maximum)	Per SIR (20m maximum)	Per SIR (20m maximum)	Per SIR (20m maximum)	Per SIR (20m maximum)
Use of \geq 900mm extra height service raiser brackets	Not Permitted	Not Permitted	Not Permitted	Not Permitted	Yes (When installed in accordance with manufacturers instructions)
Mid Span Service	Yes (by agreement with Distributor)	No	Yes (by agreement with Distributor)	No (unless by agreement with Distributor)	No
Property Crossings	Per SIR	Per SIR	Per SIR	Per SIR	Property crossings should be avoided
POA location - Customer initiated new consumers mains	Per SIR (Current specification required)	Per SIR (Current specification required)	Per SIR (Current specification required)	Per SIR (Current specification required)	Per SIR
Customer initiated over veranda servicing on commercial premises	Per SIR (Distributor must be consulted in all proposed cases)	Per SIR (Distributor must be consulted in all proposed cases)	Per SIR (Distributor must be consulted in all proposed cases)	Per SIR (Distributor must be consulted in all proposed cases)	Per SIR (Distributor must be consulted in all proposed cases)
Supply from a substation on a customer's property	Per SIR (Generally LV terminals within the substation)	Per SIR (Need to discuss with Jemena's Customer Projects Officer in all cases.)	Per SIR (Generally LV terminals within the substation)	Per SIR (Need to discuss with the Responsible Officer in all cases. Generally Consumer Terminals and Service Protection Device at substation LV Terminals)	Per SIR (Need to discuss with the Distributors Responsible Officer in all cases)
SPD Location (Some Distributors may utilise HV equipment for service protection)	Confirm the supply protection arrangement with the Distributor at the design stage	Confirm the supply protection arrangement with the Distributor at the design stage	Confirm the supply protection arrangement with the Distributor at the design stage	Confirm the supply protection arrangement with the Distributor at the design stage	Confirm the supply protection arrangement with the Distributor at the design stage

	Citipower	Jemena	Powercor	AusNet Services	United Energy
Metering					
Switching / Synchronising Service	Single phase \leq 30A set hours for HW. Boost to off peak if required. Multi-phase \leq 2A time of use. Synchronising service	Single phase \leq 30A Multi-phase \leq 30A and 2A synchronising service Hours as per Jemena Network Tariffs	Single phase \leq 30A set hours for HW. Boost to off peak if required. Multi-phase \leq 2A time of use. Synchronising service	Synchronising Service: Single phase \leq 30A. Multi-phase:- – Approved one off peak load - \leq 30 A. - Approved Multiple off peak loads - \leq 2A. No off peak boost available	Control provided for bottom HW element systems when requested by customers Retailer. Single / Multi phase \leq 2A synchronising service
Metering Diagrams	As per SIR Specific meter wiring diagrams posted on the CitiPower website	Meter wiring diagrams for new installations and alterations as per Jemena website	As per SIR. Specific meter wiring diagrams posted on the Powercor website	Single phase metering per SIR. Multiphase metering diagrams on the AusNet website.	As per SIR. Specific meter wiring diagrams posted on the UE website Consult with UE for other configurations
Removal / Interference of meters or seals by a REC	Not Permitted	Not Permitted	Not Permitted	Not Permitted	Not Permitted
Group Meter Locations	Required, as per SIR	Required, as per SIR	Required, as per SIR (Some provision for individual meter locations. Consult with Responsible Officer)	Required, as per SIR	Required, as per SIR
Provision of metering neutral links on customer supplied panels	Per SIR	Per SIR	Per SIR	Per SIR	Per SIR
Builders supply meter used for construction supplies in grouped metering situations	Information on the EWR and CES must clearly describe the purpose of the supply and its location.	Information on the EWR and CES must clearly describe the purpose of the supply and its location	Information on the EWR and CES must clearly describe the purpose of the supply and its location	Information on the EWR and CES must clearly describe the purpose of the supply and its location.	Submit paperwork (EWR and prescribed CES) to the Retailer requesting "Temp Supply".

<i>Continued from previous page...</i>				Meter installed with “dummy” meters used to terminate unused meter cables. Additional CES required for new occupancy.	EWR and CES must clearly describe the supply purpose. Additional CES required for new occupancy.
Reuse of existing metal meter enclosures with new composite customer supplied panel	Permitted (Conditions apply. Consult with Responsible Officer)	Permitted (Conditions apply. Consult with Responsible Officer)	Permitted (Conditions apply. Consult with Responsible Officer)	Permitted (Conditions apply. Consult with Responsible Officer)	Permitted (Conditions apply. Consult with Responsible Officer)
Distributors providing Current Transformers (Excluding Embedded Network customers)	Yes	Yes	Yes	Yes	Yes
To obtain Current Transformers	Submit an EWR to the Customer’s Retailer	Submit an EWR to Jemena’s Customer Projects Team	Submit an EWR to the Customer’s Retailer	Submit an EWR to the Customer’s Retailer	Contact Distributor
Distributors may require an applicant to complete a Pre-Approval of Small Inverter Connection Form before the system is installed to ensure there are no power quality issues to the Distributors network.	Yes	Photovoltaic generator or any other small embedded generator greater than 10kVA per phase must be individually assessed and approved by Jemena. (More information on Jemena website)	Yes	Yes Inverter Energy System (IES) Generator Connection Form available on AusNet Services website	No Refer to UE website for additional information.

	Citipower	Jemena	Powercor	AusNet Services	United Energy
General					
Dedicated or Distributor Contact Numbers	1300 132 894	For Jemena technical advice 1300 855 824 Faults & Emergencies 132 626 New connections 1300 131 871	1300 360 410	General Inquiries 1300 360 795 Faults & Emergencies 131 799	UE Connections 1300 131 685 ueconnections@ue.com.au Faults & Emergencies 132 099