

## CITIPOWER AND POWERCOR LARGE BUSINESS TARIFFS

Large businesses operate within low voltage, high voltage and sub-transmission tariff classes, all of which have the following structures:

- A rolling demand charge based on the maximum 15-minute kVA demand over a 12-month period measured from 7am to 7pm on workdays with a minimum chargeable demand of 120 kVA for low voltage, 500 kVA for high voltage and 5 MVA for sub-transmission classes.
- Incentive demand charge based on a monthly maximum 15-minute kVA demand with chargeable months and daily measurement period assigned based on the location of the customer.
- Peak usage rate for consumption between 7am and 7pm on workdays.
- Off-peak usage rate for consumption that is not during peak times 7pm-7am, Monday through Friday.
- Workdays are defined as Monday thru Friday excluding public holidays.

AEMO is reviewing transmission charges in Victoria with a new tariff structure to start on 1 July 2022. We will set the incentive demand charge for sub-transmission customers to zero rate and review this once the new structure of transmission charges is finalised.

To allow customers time to adjust to the new tariff change, HV and large LV business customers >120 kVA will be assigned to a transition tariff. This transition tariff will increase over time, with the demand charge starting at 0% in 2021/22, 33% in 2022/23, 67% in 2023/24 and 100% in 2024/25 of the full incentive demand charge. The 12-month rolling demand charge will correspondingly reduce each year of the transition period. Minimum chargeable demand, the minimum charge for electricity use over a given period, will be adjusted during the transition to manage bill impacts.

HV and large LV business customer can opt-in to the full tariff at any time, however once they have elected to use the new tariff, they cannot then revert back to transitional tariff.

Customers on existing the large, low voltage bulk tariff will be consolidated into the default transitional large low voltage tariff as at 1 July 2021.

The following table sets out how the tariff components are calculated.

Tariff components	Calculation
12-month rolling demand charge	cents per kVA per day x 12-month rolling maximum kVA x days / 100
Incentive demand charge	cents per kVA per day x incentive kVA x days / 100
Peak usage charge	cents per peak kWh x peak kWh in month / 100
Off peak usage charge	cents per off-peak kWh x off-peak kWh in month / 100

### 12-month rolling maximum kVA:

kVA 15-minute demand is calculated as:

$$kVA = \sqrt{[kW]^2 + [kVAr]^2}$$

Where: kW = kWh in a 15-minute period x 4  
kVAr = kVArh in a 15-minute period x 4

Maximum 15-minute kVA demand measured between 7am and 7pm local time on workdays over the prior 12 months.

Minimum chargeable demand of 120kVA for low voltage large customers, 500 kVA for high voltage customers and 5 MVA for sub-transmission customers.

If there is a full 12-month history of the customer's consumption data, the rolling 12-month maximum kVA demand will take effect immediately looking back 12 months.

Demand for greenfield sites will be measured from energisation date to the end date of the bill, until 12 months of history is available when it will revert to a 12-month rolling demand.

### Incentive kVA

Incentive KVA is the maximum, monthly 15-minute kVA for four months of the year from December to March and is based on a fixed three-hour measurement period on each workday during the applicable months.

Each customer will be assigned to a fixed measurement period for the duration of this Tariff Structure Statement. As an example, a customer could be assigned to 4-7pm local time workdays for the months of December to March.

### Peak and off-peak usage

Peak usage is kWh usage between 7am and 7pm local time on workdays.  
Off-peak usage is kWh usage at all other times.

## Demand exclusions

The temporary increases in demand may be excluded from the 12-month rolling maximum demand charged to the customer at a supply point at our discretion. For example if there is a specific, short term need, such as commissioning a new plant.

The customer must apply via their retailer, in advance, for a temporary increase in demand to be excluded from the supply point's 12-month rolling maximum demand charge.

## Demand reset criteria

A 12-month rolling demand reset may be granted under the following circumstances:

- Install power factor correction (PFC) equipment and supply a copy of the Certificate of Electrical Safety (CES) to confirm the installation<sup>1</sup>.
- If PFC has not been installed, evidence must be provided of what the customer has changed on site to permanently alter the load/usage; e.g. removal of equipment. Evidence may be in the form of a CES detailing the works performed, technical information and/or photographic evidence to demonstrate the site changes.

Customers that have moved into a premise will automatically continue to have their maximum demand charge based on the 12-month rolling maximum demand. A customer will need to lodge an application for their demand to be measured from the date they occupied the premises.

## Criteria to move away from Large Business tariff

To have a tariff reset from the Large Business tariff, we require confirmation that the load for the connection point is/has been limited to 200 amps per phase to ensure the site cannot exceed a demand greater than 120 kVA. The load can be limited by a supply capacity control device (SCCD) or other types of load limiting devices. If an SCCD exists, an electrician may be required to attend to limit the amps. We will require a copy of the CES as evidence of the works completed on site.

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<sup>1</sup> Customers installing power factor correction equipment will need to be cognisant of their obligations under the Victorian Electricity Distribution Code to keep harmonic distortion and power factor within prescribed levels. Power factor correction equipment has the potential to exacerbate harmonic distortion and can cause a leading power factor during times of low demand if the equipment is not designed properly.

## Incentive demand charge – period allocation

Network owner	Code	Zone substation name	Period
CitiPower	AP	Albert Park	1-4pm
CitiPower	AR	Armadale	4-7pm
CitiPower	B	Collingwood	4-7pm
CitiPower	BC	Balaclava	4-7pm
CitiPower	BK	Brunswick	4-7pm
CitiPower	BQ	Bouverie Queens	1-4pm
CitiPower	C	Brunswick	4-7pm
CitiPower	CL	Camberwell	1-4pm
CitiPower	CW	Collingwood	1-4pm
CitiPower	DA	Dock Area	1-4pm
CitiPower	E	Fishermans Bend	1-4pm
CitiPower	F	Fitzroy	4-7pm
CitiPower	FB	Fishermans Bend	1-4pm
CitiPower	FR	Flinders Ramsden	1-4pm
CitiPower	JA	Little Bourke	1-4pm
CitiPower	L	Deepdene	4-7pm
CitiPower	LQ	Little Queen	1-4pm
CitiPower	LS	Laurens St	1-4pm
CitiPower	MG	Montague	1-4pm
CitiPower	MP	McIlwraith Place	1-4pm
CitiPower	NC	Northcote	4-7pm
CitiPower	NR	North Richmond	1-4pm
CitiPower	PM	Port Melbourne	1-4pm
CitiPower	Q	Kew	1-4pm
CitiPower	R	Richmond	1-4pm
CitiPower	RD	Riversdale	4-7pm
CitiPower	RP	Russell Place	1-4pm
CitiPower	SB	Southbank	1-4pm
CitiPower	SK	St Kilda	1-4pm
CitiPower	SO	South Melbourne	1-4pm
CitiPower	TK	Toorak	1-4pm
CitiPower	VM	Victoria Market	1-4pm
CitiPower	WA	Heffernan Place	1-4pm
CitiPower	WB	West Brunswick	4-7pm
CitiPower	WG	West Gate	1-4pm
CitiPower	WP	Waratah Place	1-4pm
Powercor	AC	Altona Chemical	4-7pm
Powercor	AL	Altona	4-7pm
Powercor	ART	Ararat	4-7pm
Powercor	BAN	Ballarat North	4-7pm
Powercor	BAS	Ballarat South	4-7pm
Powercor	BBD	Boundary Bend	4-7pm
Powercor	BGO	Bendigo	4-7pm
Powercor	BMH	Bacchus Marsh	4-7pm
Powercor	CDN	Camperdown	4-7pm
Powercor	CHA	Cohuna	4-7pm
Powercor	CHM	Charam	4-7pm

Network owner	Code	Zone substation name	Period
Powercor	CLC	Colac	4-7pm
Powercor	CME	Cobram East	4-7pm
Powercor	CMN	Castlemaine	4-7pm
Powercor	COB	Cobden	4-7pm
Powercor	CRO	Corio	4-7pm
Powercor	CTN	Charlton	4-7pm
Powercor	DDL	Drysdale	4-7pm
Powercor	DLF	Docklands	1-4pm
Powercor	ECA	Echuca	4-7pm
Powercor	EHK	Eaglehawk	4-7pm
Powercor	FNS	Ford North Shore	4-7pm
Powercor	GB	Geelong B	1-4pm
Powercor	GCY	Geelong City	1-4pm
Powercor	GL	Geelong	4-7pm
Powercor	GLE	Geelong East	4-7pm
Powercor	GSB	Gisborne	4-7pm
Powercor	HSM	Horsham	4-7pm
Powercor	HTN	Hamilton	4-7pm
Powercor	KRT	Koroit	4-7pm
Powercor	KYM	Kyabram	4-7pm
Powercor	LV	Laverton	4-7pm
Powercor	LVN11	Laverton North 11kV	4-7pm
Powercor	LVN22	Laverton North 22kV	1-4pm
Powercor	MBN	Merbein	4-7pm
Powercor	MDA	Mildura	4-7pm
Powercor	MLN	Melton	4-7pm
Powercor	MNA	Mooroopna	4-7pm
Powercor	MRO	Maryborough	4-7pm
Powercor	NHL	Nhill	4-7pm
Powercor	NKA	Numurkah	4-7pm
Powercor	OYN	Ouyen	4-7pm
Powercor	PLD	Portland	4-7pm
Powercor	RVL	Robinvale	4-7pm
Powercor	SA	St Albans	4-7pm
Powercor	SHL	Swan Hill	4-7pm
Powercor	SHN	Shepparton North	4-7pm
Powercor	SHP	Stanhope	4-7pm
Powercor	SSE	Sunshine East	4-7pm
Powercor	STL	Stawell	4-7pm
Powercor	STN	Shepparton	4-7pm
Powercor	SU	Sunshine	1-4pm
Powercor	TNA	Truganina	4-7pm
Powercor	TRG	Terang	4-7pm
Powercor	WBE	Werribee	4-7pm
Powercor	WBL	Warrnambool	4-7pm
Powercor	WIN	Winchelsea	4-7pm
Powercor	WMN	Wemen	1-4pm
Powercor	WND	Woodend	4-7pm
Powercor	WPD	Waurm Ponds	4-7pm