

InfoDynamics Time of Use (TOU) periods



TOU periods are applied to interval metering data to split usage into peak, off-peak and shoulder periods (where applicable).

what is a TOU period?

Retailers and networks use TOU periods as an incentive to consumers to shift usage to periods with lower demand, therefore reducing peak loads.

TOU periods vary depending on state or territory, however it can be generalised that peak periods will occur during the day and low load periods will occur through the night and on weekends.

public holiday TOU periods

State-wide public holidays are loaded into the InfoDynamics system as per each Australian State or Territories government website. Public holidays are categorised as off-peak TOU periods where applicable*.

*public holidays are not applied to Victorian TOU periods

how are TOU periods determined?

All participants operating in the national electricity market (NEM) or the retail and wholesale gas markets of South East Australia, are governed by the Australian Energy Market Operator (AEMO).

Currently all states excluding Western Australia and Northern Territory are part of the NEM market and are therefore governed by AEMO.

InfoDynamics has been designed specifically for meters governed by AEMO, therefore all data from within this area is displayed as EST (GMT+10). Due to the way in which meters are read outside of the AEMO area, data for meters located in WA and NT are displayed in local time. Please note daylight savings is never applied.

Within each state retailers set differing TOU periods, the TOU periods set in the InfoDynamics system are as provided by retailers across Australia. Please see overleaf for recorded TOU periods by state.

TOU periods and reports

The preset TOU periods in the InfoDynamics system allow the generation of reports which break your usage by time of day, based on state. The below example displays a month of electricity consumption in NSW broken up by TOU period.

Energy Summary kWh		
Peak:	21,502.70	25%
Shoulder:	38,148.60	42%
Off Peak:	28,388.38	33%
Total:	88,039.75	

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TOU Periods by State

Australian Capital Territory (Data always displayed as AEST = GMT+10)

Period	Peak	Shoulder	Peak	Shoulder	Off -Peak
Mon-Fri	07:00 - 17:00	17:00 - 22:00	N/A	N/A	22:00 - 07:00
Weekends	N/A	N/A	N/A	N/A	All Times

New South Wales (Data always displayed as AEST = GMT+10)

Period	Peak	Shoulder	Peak	Shoulder	Off -Peak
Mon-Fri	07:00 - 9:00	09:00 - 17:00	17:00 - 20:00	20:00 - 22:00	22:00 - 07:00
Weekends	N/A	N/A	N/A	N/A	All Times

Northern Territory (Data always displayed as CST = GMT+9.5)

Period	Peak	Shoulder	Peak	Shoulder	Off -Peak
Mon-Fri	06:00 - 18:00	N/A	N/A	N/A	18:00 - 06:00
Weekends	N/A	N/A	N/A	N/A	All Times

Queensland (Data always displayed as AEST = GMT+10)

Period	Peak	Shoulder	Peak	Shoulder	Off -Peak
Mon-Fri	07:00 - 23:00	N/A	N/A	N/A	23:00 - 07:00
Weekends	N/A	N/A	N/A	N/A	All Times

South Australia (Data always displayed as AEST = GMT+10)

Period	Peak	Shoulder	Peak	Shoulder	Off -Peak
Mon-Fri	07:00 - 21:00	N/A	N/A	N/A	21:00 - 07:00
Weekends	N/A	N/A	N/A	N/A	All Times

Tasmania (Data always displayed as AEST = GMT+10)

Period	Peak	Shoulder	Peak	Shoulder	Off -Peak
Mon-Fri	07:00 - 22:00	N/A	N/A	N/A	22:00 - 07:00
Weekends	N/A	07:00 - 22:00	N/A	N/A	22:00 - 07:00

Victoria (Data always displayed as AEST = GMT+10)

Period	Peak	Shoulder	Peak	Shoulder	Off -Peak
Mon-Fri	07:00 - 23:00	N/A	N/A	N/A	23:00 - 07:00
Weekends	N/A	N/A	N/A	N/A	All Times

Victorian public holidays are not applied to TOU Periods

Western Australia (Data always displayed as WST = GMT+8)

Period	Peak	Shoulder	Peak	Shoulder	Off -Peak
Mon-Fri	08:00 - 22:00	N/A	N/A	N/A	22:00 - 08:00
Weekends	N/A	N/A	N/A	N/A	All Times