



Let's talk

Electricity tariffs

12 February 2021



Small customer

- Uses less than 100MWh each year
- CANEGROWERS has asked QCA to increase the small customer threshold to 200MWh

Peak period

- Previously
 - Farm tariffs : 14 hours each weekday – 7.00 a.m. to 9.00 p.m.
 - Small business: 10.00 a.m. to 8.00 p.m.
- New
 - Five (5) hours per weekday – 4.00 p.m. to 9.00p.m.

Off Peak

- Now
 - Middle of the day – 9.00 a.m. to 4.00 p.m.

Control load

- Interruptible supply, guarantees supply 18 hours per day
 - During trials power was lost only *10-12 days per year*

- Farm tariffs (T62, T65 and T66) are being replaced
 - QCA is currently reviewing transitional arrangements
 - The price path is yet to be determined
- Other tariffs are available, check whether they better suit
 - **T20** is the default small business tariff
 - **T22B** is a small business time of use tariff it may suit where there is limited use during peak periods
 - **T34** is a small business load control tariff – *power supply can be interrupted*

Current tariff schedule (to 30 June 2021)



Charges		T62	T65	T66
Usage				
1st 10,000kWh/month	<i>c/kWh</i>	46.516		
Balance 7am-9pm weekdays	<i>c/kWh</i>	39.336		
All other	<i>c/kWh</i>	16.448		
Peak	<i>c/kWh</i>		36.894	
Off-Peak	<i>c/kWh</i>		20.321	
All use	<i>c/kWh</i>			19.338
Fixed				
1st 7.5kW/kW	<i>\$/kW</i>			37.503
Balance/kW	<i>\$/kW</i>			112.759
Service	<i>\$/month</i>	23.862	23.726	52.291

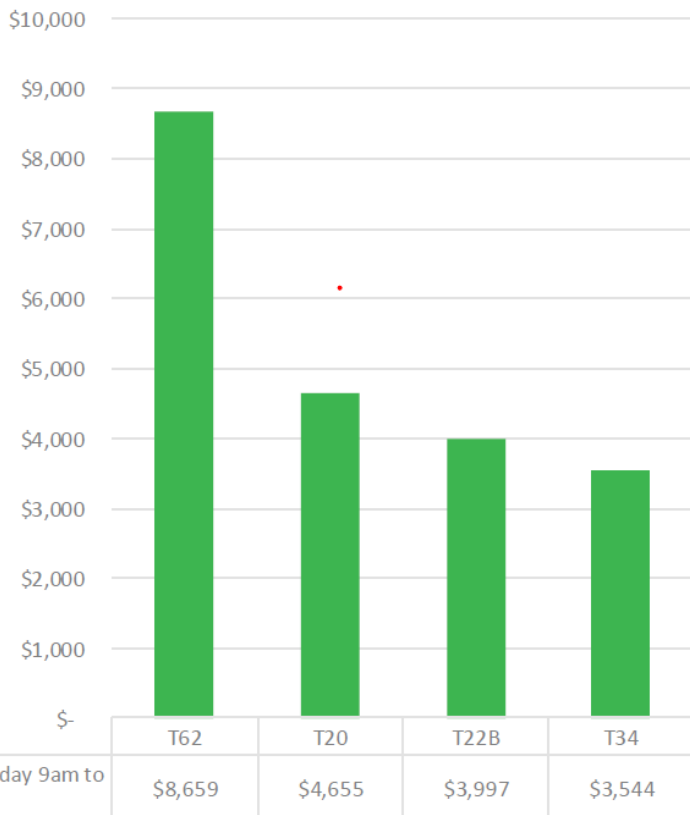
Current tariff schedule (to 30 June 2021)



Charges		T20	T22A	T34*
Usage				
All	<i>c/kWh</i>	23.258		
Peak	<i>c/kWh</i>		54.496	
Off-Peak	<i>c/kWh</i>		21.777	
Controlled	<i>c/kWh</i>			17.295
Fixed				
Supply	<i>\$/month</i>	39.014	35.994	118.081
*T34 is a control load tariff, supply is available <u>at least 18hrs</u> /day				

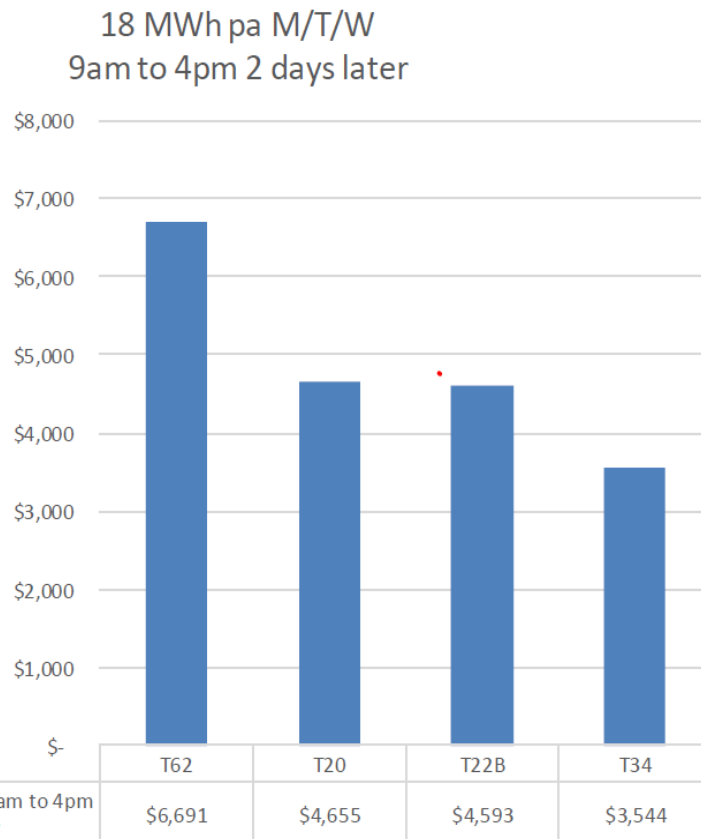
1. Irrigate for 7 hours continuously, 9.00 a.m. to 4.00 p.m. (any day)

18 MWh p.a. Weekday 9am to 4pm



- Compared with T62 Peak charges other tariffs offer significant savings
- Savings are smaller compared with T20
- If more hours are required, use the overnight (shoulder) period from 9pm to 9am
- The most expensive time to irrigate using T20 and T22B is 4.00 p.m. to 9.00 p.m.

2. Irrigate for 55 hours: 9.00 a.m. Tue to 4.00 p.m. Thu

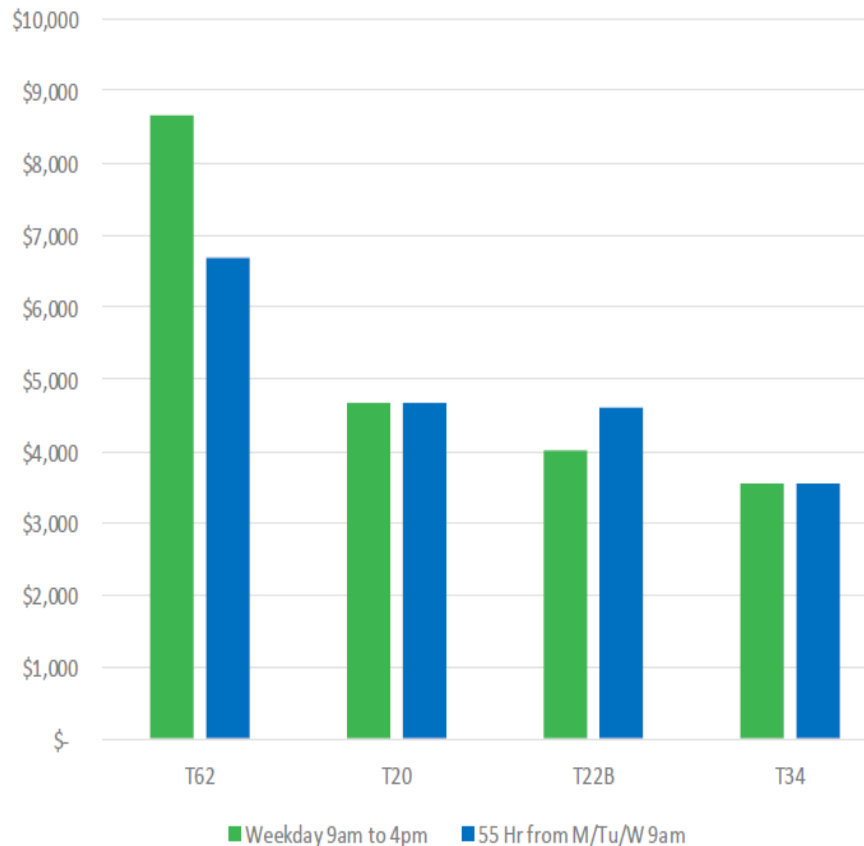


- Compared with T62 Peak charges other tariffs offer significant savings
- Savings are smaller compared with T20
- Additional savings if pumping stopped during peak (4.00 p.m. to 9.00 p.m. weekdays)

Tariff comparisons

www.ergon.com.au/retail/business/tariffs-and-prices/small-business-tariffs/tariff-facts

2. Off Peak (7 Hour) vs Continuous (55 Hour) operations



- Limiting operations to daytime (9.00 a.m. to 4.00 p.m.) will save most on T22B Time of Use tariff
- Key is to minimise peak usage (4pm to 9pm weekdays)
- Control load T34 is the lowest cost tariff

- Using electricity during the day (9.00 a.m. to 4.00 p.m.) will reduce electricity bills
- Control load T34 is the cheapest electricity
 - Power may be interrupted, up to six hours per day
 - In practice interruptions have been infrequent 10-12 times per year and usually less than six hours
- If you are only using during the day time
 - T22B will save compared with T20 (e.g. 11 MWh p.a. on T22B is 5+% cheaper than 10 MWh p.a. on T20)
- For more information
 - www.ergon.com.au/retail/business/tariffs-and-prices/small-business-tariffs/tariff-facts
 - **Energy Analysis:** www.youtube.com/watch?v=ZzGBGaJQMHY

Please note: *Energy Analysis* uses your usage pattern over past 12 months

- If you are a night user, it will assume you will stay a night user
- If you are able to change usage from night (9.00 p.m. to 9.00 a.m.) to daytime (9.00 a.m. to 4.00 p.m.), this change will not be reflected in historical data

How is T34 different to T33?

- T34 is a *primary* tariff, T33 is a *secondary* tariff
 - T34 does not require equipment to be hardwired
 - T33 requires hardwiring
- T34 is *only* available to small business customers
- T33 is available to BOTH small business and residential customers, but as a *secondary* tariff
- T34 is intended for uses such as irrigation pumps and electric vehicle chargers

T34 suits businesses which:

- Have equipment that can cope with outages
- Have a plan in place during an outage (e.g. backup diesel generator, or laptop computer has enough battery power for up to 6 hours, or close the business for the time of outage)
- Do not have customer impacting/ time critical equipment
 - a café would not put coffee machines on tariff 34 during service hours
- Have “set and forget” equipment (EV chargers, lights) that easily turn back on once supply is restored`

- Are you in a dynamic control or time switch area?
 - Mackay fits
- Do you have equipment that can handle outages without damage?
- Do you have equipment totalling over 7.5kW or 20 Amps Inductive for a single-phase load?
 - **If yes**, you'll need a contactor installed (at your own expense, approximately \$1500)
- If you are already on T31 or T33, you can convert to T34
 - Relay/ time switch equipment will need to be updated to the T34 business receiver channel
 - Your electrical contractor can assist you in signing up to T34
- Any other issues contact Ergon

Technical issues

- Brian Elmer – 0467 774 409

Tariff issues

- Bonson Lam – 0418 714 463