

ELECTRICAL CONTRACTOR UPDATE



Use of Control Tariffs for Irrigation

A number of tariffs used by agricultural customers will no longer be available after 30 June 2020. This means agricultural customers will need to explore other tariff options. Following an earlier trial in 2017, we are inviting primary producers to work with us and their electricity retailer to assess if moving farm equipment like irrigation pumps, to a load control tariff (for example Tariff 33) is a suitable option.

Tariff 33 (VC) is a load controlled tariff which has power available for a minimum of 18 hours per day, but the times of day that power is available may differ across regional Queensland, change from day to day and vary in duration. Please note, Tariff 33 is only available for small customers (using < 100MWh/year) and standard tariff rules require a small business or residential tariff at the same NMI. Through an on-line expression of interest process, we'll help customers assess if this is a viable option for them and advise how Tariff 33 is typically switched in their area. We'll also provide general advice on meter box suitability.

More information, including a tailored guide that highlights the key technical requirements contractors will need to prepare customer meter boxes to move to a load control tariff is available on the [website](#).

It Just Won't Fit

There are limitations to the size and number of consumer mains cables that can be installed to Network equipment. For example trying to fit too many cables or cables that are too large to the

Jean Muller LV switchboards within a padmount, creates issues with physically bolting up the cables and maintaining clearances between phases.

Generally speaking there is an upper limit of 300mm² for cables and 3 cables per phase. There have been instances where the limit has been exceeded such as trying to fit:

- 5 x 300mm² Copper cables per phase to a parallel circuit in a padmount
- 4 x 400mm² Aluminium cables per phase to a parallel circuit in a padmount
- 6 x 300mm² Aluminium per phase to an LV Board for a Ground Mounted Transformer site.

And unfortunately it just won't fit.

Currently, for the South East region, the following per phase connection capability is allowed when fitting to Jean Muller boards:

- To a Parallel Connection Kit – 3 x 300mm² cables
- To a Feeder Connection Kit – 2 x 300mm² cables
- To an LV Circuit Breaker 630A – 2 x 300mm² cables
- To an LV Circuit Breaker 1260A – 3 x 300mm² cables
- To a Connection Kit – 4 x 240mm² cables

If you think you are trying to fit too many cables or cables that are too large check with your designer and planning officer before installing the cables as they may be incorrect, not to standard or unworkable.

Portal Updates - Request Types

The ordering of primary and secondary service selections in the portal have been modified for ease of use. These changes will be effective 6 December 2018.

Primary Service	Secondary Services (Bundles)
Install additional meter for hot water or controlled load	<ul style="list-style-type: none">• Add appliance to existing controlled load meter• Exchange Meter (Removal of Move/Remove Meter)
Add additional appliance to existing controlled load	<ul style="list-style-type: none">• Add Meter (H/W or Control Load)• Exchange Meter (Removal of Move/Remove Meter)
Remove Meter (at least one meter must remain)	<ul style="list-style-type: none">• Add Meter (H/W or Control Load)• Add appliance to existing controlled load meter
Move Meter Location	<ul style="list-style-type: none">• Add Meter (H/W or Control Load)• Add appliance to existing controlled load meter

Reasons for Change

- Positions the primary services as the most complex component or majority of work being performed on site

Benefits

- This in turn enables the retailer to better understand primary works performed on site and submit the correct request to us for crews to attend
- Provides clarity for retailers enabling them to quote more accurately
- Consistent with recent Ergon Network automation generating maximum efficiency when being processed

Upcoming changes to LV Current Transformer Ordering

We have reviewed the feedback that has been provided in regards to the changes to be made to ordering of LV Current Transformers (CTs) that was relayed in the [October Electrical Contractors Update \(issue 48\)](#).

There is a transitional period that will cease 31 March 2019 that allows for scenarios where an existing contract is in place with a customer. During this period, LV CTs and associated equipment can still be supplied on applications received prior to 31 March 2019. In preparation for 31 March 2019 we recommend that, where possible, you adopt the new process of purchasing the materials directly through the external sales team or source them from an electrical wholesaler.

Soon you will see the existing 'LV CT Metering Equipment Order' form change to a 'LV CT Advice' form as a result of this change. This form will be available on our [Electrical Contractors webpage](#) in the coming weeks.

Key changes to the form include:

- Requirement to provide switchboard layout and single line diagrams for all installations
- Removal of pick up/delivery address – collection to be organised with the external sales team
- Requirement for electrical contractor/ switchboard manufacturer to advise if request is for an existing contract with their customer that requires Energex or Ergon Energy to supply CTs and associated equipment

Please note: The ability to have the CT's supplied by Ergon and Energex upfront will only be available for forms submitted prior to the 31 March 2019. You can subscribe to our [Alert Service](#) to receive an email when this form or any other documents on the page are updated.

Merry Christmas from all of us at Ergon Network

Contact Details

420 Finders St,

About Electrical Contractor Update

This newsletter will keep you informed about

Townsville, Qld 4810

Electrical Contractors Hotline [1800 237 466](tel:1800237466)

Network General Enquiries [13 74 66](tel:137466)

7:00am to 5.30pm Monday to Friday

networkenquiries@ergon.com.au



what's happening in the industry and any changes to compliance, rulings and legislation.

www.ergon.com.au

