

Tas policy update

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Current issues

- * Tas Energy Efficiency Loan Scheme (TEELS)
- * Solar diverters and Tasmanian tariffs
- * Tariff reform
 - * Time of use tariffs 93 and 94 available now
 - * Demand based tariffs approved for 2017-2019
 - * Proposed demand based tariffs for 2019-2024
 - * Implications for the solar industry



Tasmanian Energy Efficiency Loan Scheme (TEELS)

- * \$10m loan fund launched 1 May 2017
- * Interest free loans repayable over 3 years of up to \$10,000 for households and small businesses
- * Applications managed and decided by Aurora Energy, loans administered by Westpac
- * Open to all Tasmanian homes and small businesses (Aurora customer or not, on or off grid)
- * **Apply at: <https://www.auroraenergy.com.au/teels>**

- * Note that the existing No Interest Loan Scheme (<https://www.nilstasmania.org.au/>) is a not for profit organisation that provides safe, fair and affordable loans for low income Tasmanians including appliances.



TEELS – take home message for solar installers

- * “Quotes are only valid if they come from a supplier that has been operating in Tasmania since 1 November 2015” – Make sure your quotes include this info.
- * Addition of loans of \$10,001 to \$40,000 for small business still being finalised – [register your interest](#)
- * Watch out for repayment terms. Loans issued as Westpac credit card. Interest applies to non-TEELS purchase and balance remaining after 3 years.



Solar diverters

- * Tracks export of solar PV
- * Diverts electricity to pre-heat hot water
- * Needs to be installed in meter box by an electrician
- * Notional savings \$300-\$400 a year
- * Customer benefits will depend very much on:
 - * amount of surplus solar available
 - * amount and pattern of hot water use
 - * interaction with chosen tariffs



Options

Technology	Tariff	Time of use tariff 93	Combined tariffs 31 & 41
Solar diverter		Solar and all consumption on one tariff. Diverter sends surplus to hot water.	Diverter switches hot water between tariffs depending on available surplus solar.
Timer on hot water		Solar and all consumption on one tariff. Timer turns on hot water heater mainly in middle of the day.	Hot water rewired to tariff 31. Heat pumps remain on tariff 41. Timer turns on hot water heater mainly in middle of the day.



Solar diverter – products



* Products available in Australia include:

* **Catchpower**

<http://www.catchpower.com.au/>
(video <https://vimeo.com/204239422>)

* **Powerdiverter**

<https://www.powerdiverter.com.au/>

* **SunMate**

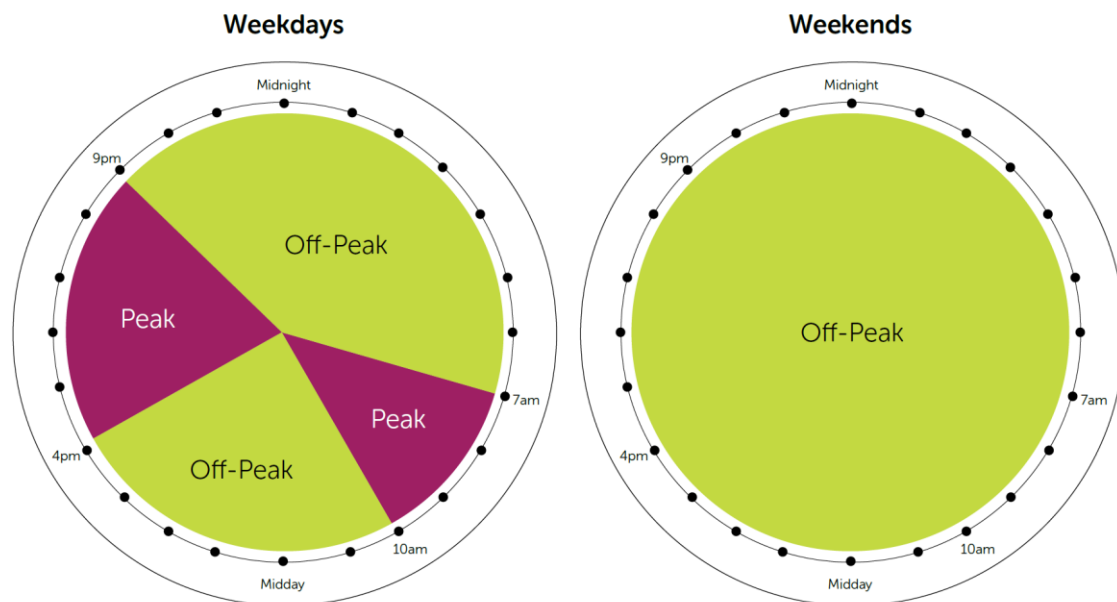
<http://www.australianwindandsolar.com/aw-sunmate>



Aurora time of use tariffs

- * New opt-in tariffs from 1 July 2016 for residential (T93) and commercial (T94) customers
- * Available for any customer
- * Action: make sure your customers are aware of the options

More info: <http://tasrenew.org.au/tou2016/>



Residential time bands (non-daylight saving time)



Residential time of use tariff

- * Likely to be of benefit to customers with more kWh on T31 than T41
- * Partial solution to the [solar metering problem](#)

More info: <http://tasrenew.org.au/tou2016/>

Tariff	Fixed charge / day	Peak /kWh	Off-peak /kWh
Tariff 93 time of use	103.021c	31.307c	14.577c
Tariff 31	92.457c		26.065c
Tariff 41	17.907c		15.719c
31+41	110.364c		



Demand based tariffs 2017-2019

- * Recently approved by the AER for operation July 2017 to June 2019
- * Opt-in basis
- * Residential and commercial versions
- * Variable charge based on highest 30 minute period in a monthly billing cycle
- * Network tariffs – depends how Aurora implement them in retail tariffs



Demand based tariffs 2019-2024

- * Currently at a very early stage in setting tariffs for 2019-2024 period
- * Indication at this stage is that demand tariffs will continue to be opt-in for this period
- * Additional proposed variation for “distributed energy resource” customers:
 - * Reduction in off-peak demand charge
 - * Intended to be attractive to customers coming off the legacy FiT (December 2018)



Tariff reform - Implications for the solar industry

- * Changes will be gradual and on opt-in basis
- * Difference between T31 and T41 will reduce over time
- * Customers will have more options
- * Understanding individual customers' patterns of consumption will be essential in determining the best tariff option
- * Introduction of smart meters and monitoring and control will be essential part of increasing the benefit to both customers and the network



More info

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