

Electrifying Tasmania

Introducing a Gross Feed-In Tariff

Launched by Nick McKim MP

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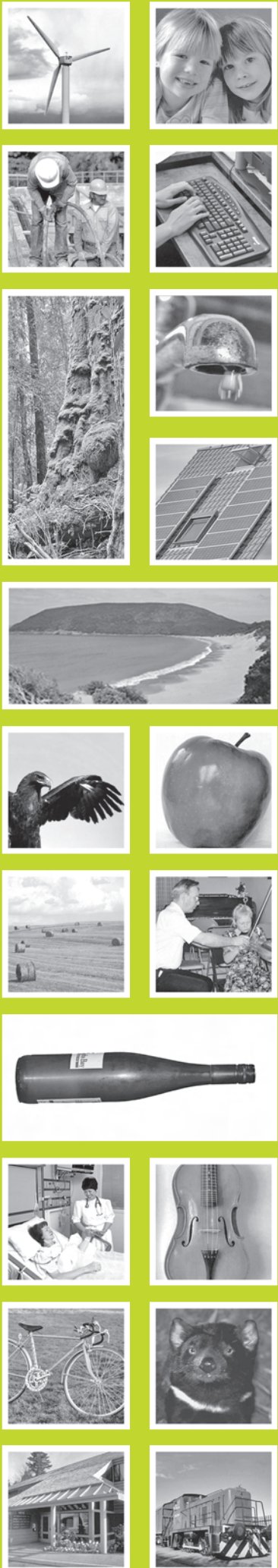
READY TO DELIVER

Establish a Gross Feed-In Tariff for residential and business customers

Drive the installation of up to 8 000 micro power stations on residential and business rooftops

Provide \$5 million for solar or wind generators to be installed on 500 public housing residences

POLICY INITIATIVE OF THE TASMANIAN GREENS MPs



Electrifying Tasmania

“The Greens’ Gross Feed-In Tariffs proposal positions us to meet the challenges of climate change, and will save those who participate nearly \$400 per annum on their power bills. This is real action that will lessen the pressure on the wallets of all Tasmanians and those who are doing it tough.”

Nick McKim MP - Greens Leader

THE ISSUE:

- Tasmanian power bills have increased dramatically over the last 18 months and are contributing to the spike in the cost of living with which so many Tasmanians are struggling to cope*
- Heating, hot water, and electricity are all growing demands*
- In a carbon-constrained world, alternative and renewable energy sources are going to be relied upon in order to keep greenhouse gas emissions down.*

THE TASMANIAN GREENS WILL:

- Install up to 8000 micro power stations on the roofs of Tasmanian homes, shacks and businesses*
- Invest \$9 million to compensate electricity retailers to ensure other consumers’ Bills do not go up*
- Invest \$5 million over three years to install solar or wind generators on up to 500 public housing residences.*

The Tasmanian Greens - Delivering Cheaper Power

The Tasmanian Greens recognise that many Tasmanians are hurting due to the spiralling cost of living - particularly with regard to power costs.

At the same time, Tasmania faces the challenge of moving to sustainable power generation as we adapt to a world impacted by climate change and a carbon-constrained future.

The Tasmanian Greens have a vision for Tasmania’s future:

- ▲ *Where each and every residence feasible is turned into an ‘electricity generator’;*
- ▲ *Where the introduction of a solar gross feed-in tariff delivers lower power prices for Tasmanians, continuing our campaign to lower the cost of living; and*
- ▲ *Where the Tasmanian community is positioned to meet the challenges of a carbon constrained future.*

The Tasmanian Greens’ commit to the introduction by July 2010 of:

- ▲ *A Solar Gross Feed-In Tariff at double the retail rate for all residential and commercial properties, saving Tasmanian households approximately \$400 annually; and*
- ▲ *A state-wide package to see solar panels or wind generators installed on 500 public housing residences, where energy is fed into the grid and the savings passed on to tenants.*

Solar Gross Feed-In Tariffs are the way of the future - this system is good for people, good for the economy, and good for the environment.

Solar Gross Feed-In Tariff

The Tasmanian Greens will introduce a *'Solar Gross Feed-In Tariff'* in Tasmania.

Broadly speaking, a feed-in tariff is a premium rate paid for electricity produced by a renewable source such as a grid connected rooftop solar system or wind turbine and is applied in one of two ways:

- ▲ *Gross feed in tariff* involves payment of a premium amount to a consumer for all power generated and fed back into the grid; while
- ▲ *Retail net feed in tariff* involves only *surplus* power generated by a consumer being deducted from a bill at the same rate as electricity is charged.

Applying a gross feed-in tariff will:

- ▲ Deliver real savings for consumers;
- ▲ Deliver real benefits to the Tasmanian economy; and
- ▲ Deliver real reductions in greenhouse gas emissions by encouraging greater uptake of the renewable energy production.

Gross feed-in tariffs are considered a key element in boosting solar power uptake, and are being implemented extensively throughout Europe as well as in New South Wales and the Australian Capital Territory.

Delivering a Residential and Business Gross Feed-In Tariff

The Tasmanian Greens propose installation of up to 8000 micro power stations on the roofs of Tasmania's residential and commercial properties, dwellings, shacks and businesses.

In addition to the Greens' proposed *Solar Rebate Scheme*, to further encourage uptake of solar energy systems, the rate applied to the electricity fed back into the grid will be **double the retail rate for electricity usage**.

Solar on Public Housing

This policy also provides **\$5 million over the next three years** to install solar panels or wind generators on the roofs of up to 500 of Tasmania's public housing stock.

This will also turn government owned homes and units into a key component of Tasmania's electricity generation grid - with the savings passed directly to Housing Tasmania tenants, reducing their electricity costs.

What this means for Electricity Retailers

The Tasmanian Greens will invest **\$9 million over the forward estimates** to compensate electricity retailers.

This funding will meet the costs incurred by retailers in implementing the *Gross Feed-In Tariff*, in addition to the revenue forgone through retail margins.

This will ensure that no additional costs are passed on to consumers, delivering real and immediate savings.

Investment in 'Electrifying Tasmania'

The Tasmanian Greens' 'Electrifying Tasmania' initiative calls for an investment of **\$14 million across the forward estimates**, comprising:

- ▲ **\$5 million over three years** to install solar panels or wind generators on up to 500 public houses; and
- ▲ **\$9 million over three years** to compensate electricity retailers, ensuring immediate savings are passed on to consumers.

	2009-10 Budget	2010-11 Forward Estimate	2011-12 Forward Estimate	2012-13 Forward Estimate
	\$'000	\$'000	\$'000	\$'000
Public housing - solar/wind retrofit	2 000	1 500	1 500
Assistance for retailers in implementing GFIT	2 000	3 000	4 000

'Electrifying Tasmania' - Gross Feed-In Tariff Calculations

	2011	2012	2013	2014
Feed-in tariff rate (c/kWh)	36.84	37.08	37.66	39.17
Total number of installed systems (#)	2 953	4 633	6 313	7 993
Net system output (kWhs/year)	3 130 062	4 910 795	6 691 527	8 472 260
Anticipated total cost to retailers (\$)	1 170 353	1 848 203	2 557 577	3 367 991
Value of average energy cost savings to average household (\$)	390	393	399	415

Your **Greens** Representatives in Tasmania's State Parliament



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