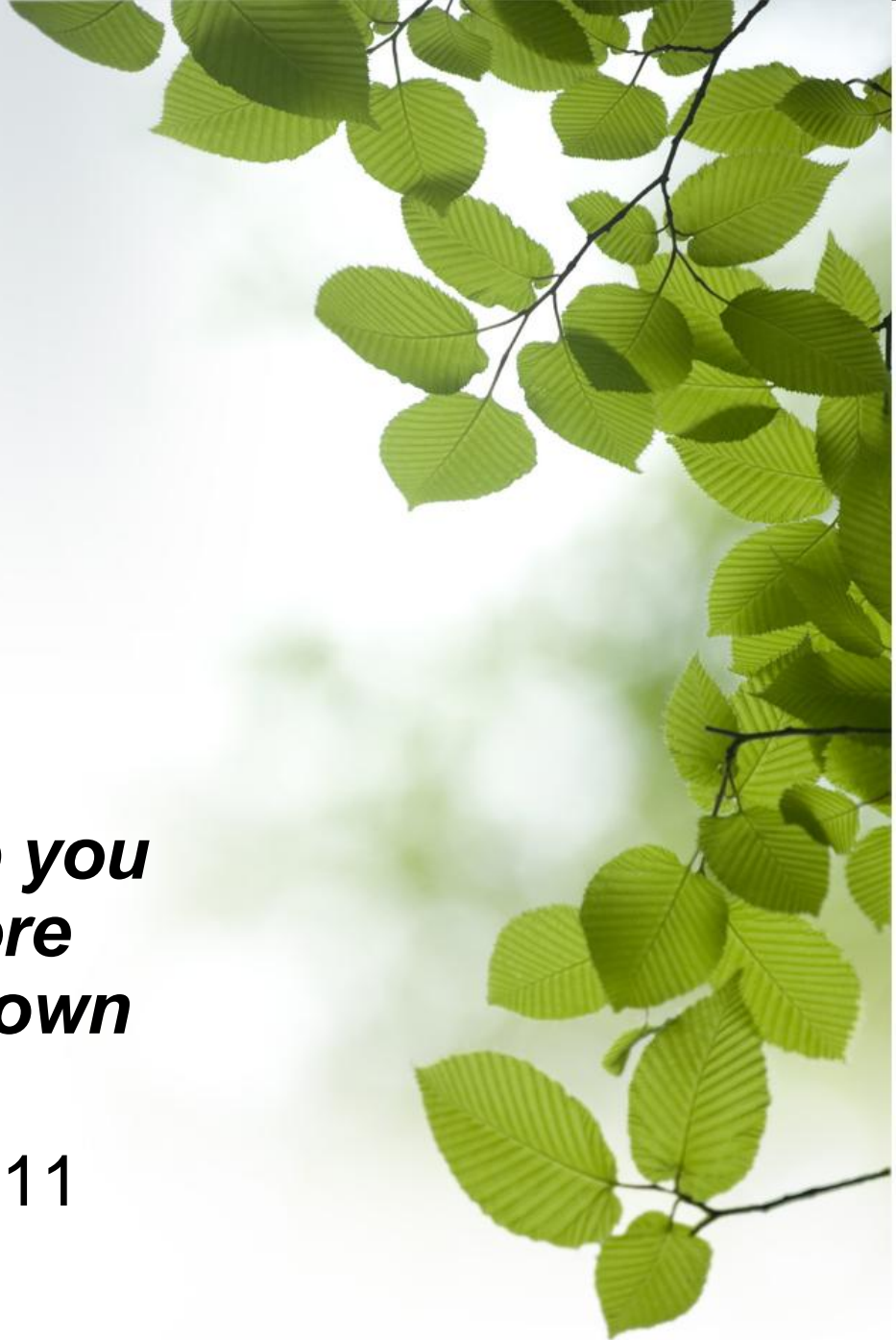


Rebates rebates rebates!

***Getting ALL the help you
can to become more
sustainable in your own
home***

Peter Reefman – 2011



Background – Who am I?

- Residential builder – consultant
- MBAV, ABSA, and “Green Living Builder” member
- Have a genuine interest in seeing affordable and truly efficient housing built at scale
- Recently completed one of Australia’s first zero-carbon 8 Star houses



MASTER BUILDERS
GREEN LIVING



Rebates covered



- **Water**
- **White goods**
- **Green loans**
- **Energy saving products**

- **Hot water**
- **Insulation**
- **Renewable energy**
- **LP Gas for vehicles**



Hot water

Solar hot water

- Federal Government Renewable Energy Bonus Scheme
- Regional Victoria Solar Hot Water System installs
- Renewable Energy Certificates (RECs)
- Victorian Energy Efficiency Certificates (VEECs); also known as the Energy Saver Incentive

Gas hot water

- Gas Hot Water Rebate for replacement of peak (day-rate) electric water heaters.

Solar Hot Water



Solar hot water rebates matrix

Installation situation	Federal Govt	Vic Govt	RECs	VEECs
Replacing gas with solar/gas	No	Yes	Yes	Yes
Adding solar panels to existing system	No	Yes	No	Yes
Replacing wood/briquettes/etc with solar	No	Yes	Yes	No
Replacing electric WITHOUT the ceiling insulation rebate	Yes	No	Yes	Yes
Replacing electric WITH the ceiling insulation rebate	No	Yes	Yes	Yes
All new homes...	No	No	Yes	No
All commercial buildings...	No	No	Yes	No

Solar hot water

Australian Government Solar Hot Water Rebate

- Why – Save money (up to \$700 per year) and carbon (up to 20% of household emissions per year)
- Source – Federal Government
- Eligibility – Replace an electric water heater – Installed after Feb 03 2009 – Need to be a system of at least 20 RECs – Household must NOT have claimed federal insulation rebate - Principal residence – must use a licensed installer.
The flood relief hits this rebate by introducing a cap. Currently the cap is still high enough not to affect the rebate at current demand. But it may end in 2012
- How much - \$1,000
- How to get – Apply for rebate after system is installed.
- More info - 1800 808 571 or www.environment.gov.au/rebates

Solar hot water

Victorian Government Solar Hot Water Rebate - Regional and Metropolitan

- Why – Save money (up to \$700 per year) and carbon (up to 20% of household emissions per year) – **Use this rebate if you have already claimed the \$1,600 federal insulation rebate!**
- Source – Victorian Government
- Eligibility – Principal residence – Must use approved system – must be installed within 60 degrees of true north – Licensed installer
- How much - \$400 to \$1600, depending on existing system, new system, etc.
- How to get – Point of sale.
- More info - 1300 366 195 or www.resourcesmart.vic.gov.au

Solar hot water

Renewable Energy Certificates (RECs)

- Why – Save some extra install money on top of other rebates.
- Source – Federal Government / Industry
- Eligibility – All new Solar Hot Water Systems generate RECs. Adding panels to existing (old) systems do NOT generate RECs.
- How much – Varies on the size of the system, the bigger/better system, the more RECs you get. Right now a typical system generates 25 RECs, worth about \$35 each for a total of \$900
- How to get – Point of sale, or register to trade later
- More info - 1800 159 724 or <http://www.orer.gov.au/publications/ret-overview.html>

Solar hot water

Victorian Energy Efficiency Certificates (VEECs) / Energy Saver Incentive

- Why – Save some extra money (yet again!) on top of other rebates. We'll discuss VEECs more later
- Source – Victorian Government / Industry
- Eligibility – All Solar Hot Water System replacements generate VEECs, except replacing wood fuelled hot water heaters
- How much – Varies on the size of the system, the bigger/better system, the more VEECs you get. Right now a typical system generates 60 VEECs, worth about \$10 each for a total of \$600
- How to get – VEECs are built into product price. Ask your retailer/supplier if they have are involved in VEEC program, and what saving they are passing on to you.
- More info - 03 9651 4911 or www.esc.vic.gov.au

Solar hot water rebates matrix - Revisit

Installation situation	Federal Govt	Vic Govt	RECs	VEECs
Replacing gas with solar/gas	No	Yes	Yes	Yes
Adding solar panels to existing system	No	Yes	No	Yes
Replacing wood/briquettes/etc with solar	No	Yes	Yes	No
Replacing electric WITHOUT the ceiling insulation rebate	Yes	No	Yes	Yes
Replacing electric WITH the ceiling insulation rebate	No	Yes	Yes	Yes
All new homes...	No	No	Yes	No
All commercial buildings...	No	No	Yes	No

Gas Hot Water



Gas hot water

- Why – Save money (up to \$340 per year) and carbon
- Source – Victorian Government
- Eligibility – If you have one day-rate electric (not off-peak), or a wood fuelled water heater – Principal residence – Needs to be a 4 star (internal) or 5 star (external) system.
- How much - \$400 base rebate; \$700 for concession; plus extra \$300 for multi-storey apartment tenants
- How to get – Point of sale
- More info - 1300 366 195 or www.resourcesmart.vic.gov.au

Insulation



Ceiling Insulation

- Gone-ski...

This is a shame because in most cases it was a very successful and useful rebate, especially in Victoria where all installations were bulk insulation rather than reflective.

Ceiling insulation is still one of the best and most cost effective things you can do to make your house more energy efficient.

Renewable Energy



Renewable Energy

- Solar Credits scheme
- Victorian feed-in tariff

Solar Credits scheme

- Why – Save money (potentially ALL of your electricity costs) and prevent carbon
- Source – Federal Government / Industry
- Eligibility – Open to households, community buildings, businesses – must use a licensed installer
- How much – Varies. Approx \$5,000, depending on price of RECs and size of system (1.5kw maximum funded)
- Note that on 1st July 2012 the Solar Credit Scheme rebate will go down by 20%
- How to get – Point of installation. Can keep credits instead.
- More info - 02 6159 7000 or <http://www.orer.gov.au/publications/ret-overview.html>

Victorian feed-in tariff

- Why – Save/make money (up to about \$4,000 per year!)
- Source – Victorian Government / Industry
- Eligibility – Open to Households, community organisations and small businesses - Maximum system size 5kw –
- How much – up to 68.2c per KW/H that is exported as surplus into the grid.
- How to get – Origin, AGL, RED will have an offer to pay out credit once per year, or can roll over into next year. Other power companies will operate as credit only.
- More info - 136 186 or new.dpi.vic.gov.au/energy
- This is the single best rebate available today! (if used correctly)
- Note that the rebate will probably end around the end of 2011, with no plans at yet to replace it. Don't miss out!!

Water



Water

- Rainwater tank and rainwater tank to toilet connection
- Large rainwater tank
- Greywater systems
- Hot water recirculator
- Dual flush toilet
- Three-star water efficient showerhead
- Water conservation home audits
- A basket of goods \$30 when you spend \$100

Rainwater tank and rainwater tank to toilet connection

- A household rainwater tank collects rainwater for use inside or outside your home.
- **\$150** for a tank 600 litres or greater.
- An **additional \$150** for toilet connection.

Large rainwater tank

- **\$1000** for a tank 4000+ litres connected to toilet and laundry
- **\$900** for a tank 4000+ litres connected to toilet or laundry
- **\$500** for tank 2000-3999 litres connected to toilet and/or laundry

See - www.ourwater.vic.gov.au/saving/home/rebates

Greywater systems

\$500 for a greywater permanent tank system recycles waste water from laundries and bathrooms for use on the garden or in the toilet.

Hot water recirculator

\$150 for a hot water recirculator saves cold water in the hot water pipes by diverting this cold water back into the hot water system or cold water plumbing. This reduces water wastage by allowing the water to be used within the home.

Systems directing the cold water to rainwater tanks or storage for outdoor use are not eligible.

See - www.ourwater.vic.gov.au/saving/home/rebates

Dual flush toilet

\$100 for a dual flush toilet uses 3 litres of water on a half flush, 6 litres on a full flush or less.

(limit of 12,000 rebates)

Three-star water efficient showerhead

A water efficient showerhead can use 30% less water than a normal showerhead and can be fitted to most showers. Up to two showerhead rebates are available per property.

\$10 - rebate per showerhead costing between \$30 and \$100

\$20 - rebate per showerhead costing more than \$100

Water conservation home audits

\$50 for a service to assess where a household could save water, and recommend products and methods that would help to do this. Also free repairs of up to \$500 for low income households

A Green Plumber can do this

A basket of goodies worth \$30 when you spend \$100 or more!

Includes products such as mulch (includes pebbles or other inorganic materials which are used as mulch), flow control valves, wetting/moisture agent, compost or mulch bin, soil moisture & rain sensors, garden tap timers, drip watering system or weep hoses, trigger nozzles, temporary greywater diverters, rainwater diverters, waterless car cleaning products, shower timers and toilet flush interrupter devices. One basket offer rebate is available per eligible customer each year.

Water saving rebates

- For more info call **136 186**
- Or go to
www.ourwater.vic.gov.au/saving/home/rebates

White goods



Whitegoods appliance rebate

- Why – Save money and prevent carbon, save water
- Source – Brophy? Glenelg Nils
- Eligibility – Low income or be on Centrelink payments – Must be over 18
- How much – Zero interest loan of up to \$1,200
- How to get – Must apply to be considered.
- More info – **5561 8888**

Free home energy audits Green Loans/Green Start



Green Loans/Green Start

- Another rebate program gone...
- Getting a personal home energy audit is still a very effective way to see what the best ways to improve your house are.
- Generally cost between \$150 - \$250.

Energy saving products



Energy Saver Incentive (VEET)

- Why – Get discounts on all kinds of energy saving products such as Solar hot water units (as discussed in hot water); Space heaters; New and/or improved windows; Weather sealing; Efficient lighting; Shower roses; Fridges. New products will be added to this scheme over time.

VEECs are not a direct rebate to consumers, they are industry credits that count towards the Vic Energy Efficiency Target (VEET). Unlike RECs these credits do NOT help fossil fuel companies, as they are a mechanism to force energy companies to help people use LESS energy.

- Source – Victorian Govt / Industry.
- How much – Varies greatly. From free lightbulbs, up to much more for expensive items.
- How to get – VEECs are built into product price. Ask your retailer/supplier if they have are involved in VEEC program, and what saving they are passing on to you.
- More info - 03 9651 4911 or www.esc.vic.gov.au

LP Gas Conversions



LP Gas Conversions

- Why – Almost halve your vehicle fuel costs while using a lower-carbon fuel

The objective of the LP Gas Conversion Scheme is to increase the use of LPG as a transport fuel.

- Source – Federal government.
- How much – \$1,500 – (\$1,250 after Jun 2011)
 - \$2,000 if fitted during car manufacture
- How to get – Lodge application form once installed (installer should help you do this)
- A cap of 25,000 has been put on the number of rebates per year, for the flood relief. Applications can be held over till the next financial year. The scheme will end in 2014.
- More info - **13 28 46** or www.ausindustry.gov.au/Energyandfuels/LPGVehicleScheme

Thanks!



Peter Reefman

www.energised.com.au