



**A2EP – 2xEP Energy Productivity Summit**  
**04-05 April, 2017**  
**Australian National Maritime Museum**  
**Darling Harbour, Sydney**

**Session 08**

**2xEP & governments: Policy and programs**

Margaret Sewell

Jane Holden

*Paul Murfitt > presentation follows*

Stephen Bygrave

Nick Smith

Ivor Frischknecht

*Chair: Chris Dunstan*



*Doing more. Using less.*

# Saving Energy Growing Jobs Victoria



Paul Murfitt, Acting Executive Director,  
Energy Policy and Programs



Environment,  
Land, Water  
and Planning

# Energy Productivity in Victoria: Strategic Context

- Shifts in energy consumption – including peak demand
- Australian businesses lagging behind on energy productivity
- Changes in arrangements for electricity generation including closure of coal-fired plant
- High penetration of and reliance on reticulated natural gas – as gas prices rise
- Increased deployment of renewable energy to meet global emissions reduction targets
- Deployment of smart electricity meters across entire customer base, providing opportunities for data and technology deployment



- What is Energy Productivity?
  - A measure of economic value created per unit of energy consumed (\$/raw energy)

- How can energy productivity be improved?



Replacing fossil fuel energy sources with renewable energy sources



Improvement to energy consumption

# Energy Efficiency and Energy Productivity in Victoria



**Creating new jobs, investment and energy sector growth**



**Keeping energy bills in check and empowering communities**



**Strengthening our smart, safe and reliable energy system**

# Victoria's Energy Efficiency Policy

- Saving Energy, Growing Jobs – Energy Efficiency & Productivity Statement (2015)
- Priorities:
  - Improving the efficiency and quality of our buildings
  - Providing active support to relieve energy cost pressures on the most vulnerable
  - Making Victorian businesses more productive and competitive
  - Government leadership and best practice
  - Harnessing markets to ensure broad uptake of energy efficiency
  - Creating new, and supporting existing, Victorian energy efficiency jobs.



# Existing action: Victorian Energy Efficiency Target (VEET) Scheme

- Funding allocated to expand the scheme:
  - \$1.2 M (2015-16 Budget)
  - \$5.4 M (2016-17 Budget)
- Businesses, and households can access discounted energy efficient products through accredited providers.
- 75% of certificates created are from commercial lighting upgrades.

## Estimated energy bill savings through VEET (2016)



**\$27 million**



**\$43 million**

**Average savings for  
SME's \$670 pa**

# Existing Action: Boosting Productivity Program

- \$3 million (2016-17 Budget)
- Work with industry associations to help more than 1,000 business develop skills needed to cut energy costs, reduce greenhouse emissions, and improve productivity energy productivity materials efficiency benefits:
  - Energy efficiency capability grants to develop the capacity of small to medium sized businesses to boost their energy efficiency
  - Energy assessment grants to develop a plan of action to improve energy efficiency
- For more information:  
[www.sustainability.vic.gov.au](http://www.sustainability.vic.gov.au)



# Existing Action: New Energy Jobs Fund

- \$20 million for projects that drive:
  - long-term sustainable jobs
  - uptake of renewable energy generation
  - abatement of greenhouse gas emissions
  - innovation in new energy technologies
- Round One: 24 successful applicants under the first round of the New Energy Jobs Fund, including:
  - SEA Automotive in Geelong
  - MIL-Systems
  - South East Councils Climate Change Alliance



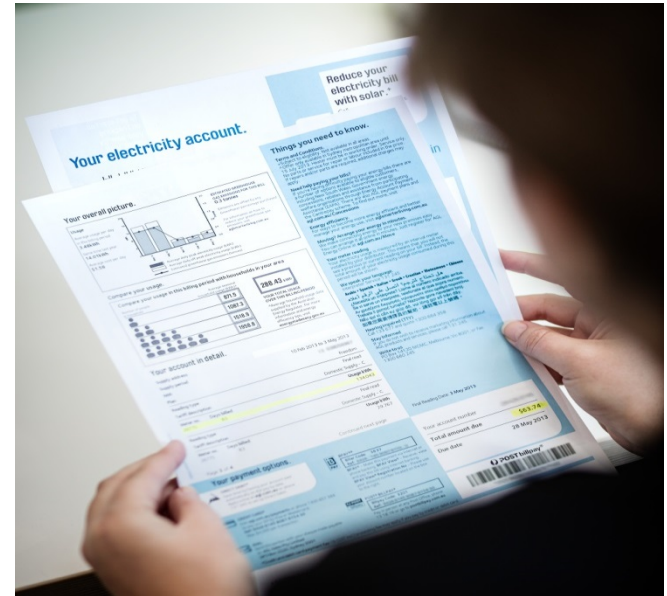
# Existing Action: Victoria's Future Industries

- \$200 million Future Industries Fund for specific industry sectors to drive jobs growth and attract investment
- Future Industries Sector Strategies (launched March 2016)
- Victoria's priority industries:
  1. New Energy Technologies
  2. Food and Fibre
  3. Transport
  4. Defence
  5. Construction Technologies
  6. Construction
  7. Medical Technologies and Pharmaceuticals
  8. International Education



# Recent announcements: Home Energy Affordability

- Minimum energy efficiency standards for rental homes
- Residential Efficiency Scorecard
- Latrobe Valley Home Energy Upgrade Program
- Making Home Energy More Affordable



# Next Steps for Program and Policy Development

- Support energy productivity measures through future industries
- Round two New Energy Jobs Fund to open later in 2017
- VEET scheme to expand to include new activities for energy productivity in businesses (e.g. Project-based methods)
- Implementation and ongoing evaluation of committed programs
  - including smart meter data collection, jobs, and energy intensity measures

# Future Priorities for Program and Policy Development

- End use data – smart meters and sub-metering
- Gas energy productivity
- Stronger standards, and compliance with standards, for existing and new buildings
- Energy efficiency skills, training and capacity building





Thank you

[energy.efficiency@delwp.vic.gov.au](mailto:energy.efficiency@delwp.vic.gov.au)