Department of Environment & Climate Change NSW

# NSW Government energy efficiency programs

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# **Energy Savings Action Plans (ESAPs)**

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- ESAPs established in 2005 under the Energy and Utilities Administration Act 1987
- High energy users (>10GWh/yr at a site) and large Councils (>50,000 popn) required to prepare a ESAP
- Councils identified 'top 10' sites
- Conducted technical audits, management review, baseline analysis
- Cost effective and potentially cost effective savings measures identified

	NSW Councils	SCCG Councils
Number of approved plans	46	12
Number of cost effective actions	939	317
Total savings	112,705 GJ	26,129 GJ
Emission savings	74,149 tCO <sub>2</sub> -e	6,923 tCO <sub>2</sub> -e



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			Те	chnical	measu	ires					
Technical measure help											
Heasure description	Responsibility	Cast all.	tent."	Est. Sammas	Actual Services	Sexings III.52	Savings In S	Start data	Cema. data	Status."	Comment/reason for change or why not intermented
Use of real time monitoring system to reduce leakage.	Maintenance Supervisor	п	\$2,500	100 kL	100 kL		8450	65,93797			
Install flow restrictors on showers and hand basins.	Maintenance Supervisor	п	\$11,000	158,800 kt	198,000 kt		\$115,000	05/07/08	01/03/09		
Harvest and reuse rainwater from roof area	Project Engineer	п	\$155,000	17,500 ki	17,500 ki		\$22,000	05/02/08	30/06/09		
Installation of waste water treatment plant	Project Engineer	п	\$415,000	406,800 kL	400,000 NL		\$500,000	05/95/98	31/12/99		
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## **Climate Change Fund**

- More than \$700 million over 5 years
- Aim is to provide practical assistance to families, community organisations, government and businesses to help fight climate change
- Established on 1 July 2007 under Energy and Utilities Administration Act 1987
  - replaced Water and Energy Savings Funds, established in 2005
  - Includes the new NSW Energy Efficiency Strategy

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# **Climate Change Fund**

- Funding programs:
  - Residential Rebate Program
  - Green Business Program
  - Public Facilities Program Community Savers and Demonstration streams
  - Renewable Energy Development Program
  - Schools Energy Efficiency Program
  - Recycling and Stormwater Harvesting Program
  - Rainwater Tanks in Schools Program
  - Central Coast Water Savings Fund

## **Renewable Energy Development**

- \$40 million
- Support commercialisation of proven renewable energy technologies
- Includes solar thermal, geothermal, wind, biomass (not from fossil fuels), hydro systems, wave/tide
- First round held, allocated \$27.3 million to 7 projects estimated to generate or displace 393,000MWh or electricity per year and save 410,000 tCO<sub>2</sub>-e



#### **NSW Energy Efficiency Strategy**

- Announced 18 June 2008
- Programs
  - Low income household refit program
  - Small Business Energy Efficiency Program
  - Expanded Sustainability Advantage Program
  - Mandating implementation of energy savings measures
  - Energy Efficiency Community Awareness
  - Energy Efficiency Skills for Trades and Professionals
  - Energy Savings Scheme



- Leading environmental awards in NSW for outstanding achievement in the sustainable use of natural resources in NSW and tackling climate change.
- Inaugural Local Government Sustainability Award

**Green Globe Awards** 

- Nominations close 11 June advertised in the press and at www.environment.nsw.gov.au/greenglobes
- Contact Kate Breeze at DECC for more information, kate.breeze@environment.nsw.gov.au or 9995 6311

# **Contact information**

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