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End-use energy efficiency in Australia – Cost effective greenhouse gas abatement

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**Parliamentary Secretary to the Minister for
the Environment and Heritage**

Acknowledgements

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- Australian Institute of Refrigeration, Airconditioning and Heating;
- the Airconditioning Refrigeration Equipment Manufacturers Association;
- the Energy Supply Association of Australia;
- the Australian Greenhouse Office



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Presentation Outline

- The Australian Government's strong commitment to greenhouse abatement
- The broad energy and greenhouse policy context
- Specific actions on airconditioning



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\$1 billion commitment is delivering

- Australia is on-track to meeting its emissions target;
- Our policies are delivering:
 - Lower greenhouse emissions
 - Certainty
 - Competitiveness



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Continuing the commitment

- The Budget included a \$464 investment in greenhouse mitigation over 4 years:

Emissions management	\$334.4m
International engagement	\$22.6m
Strategic policy support	\$28.5m
Impacts and adaptation	\$14.2m
Science & measurement	\$63.8m



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Developing an integrated energy policy

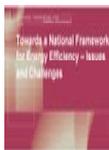
- Australia is developing a coordinated energy policy through:
 - Establishment of the Cabinet Energy Committee and the Energy Taskforce
 - An Energy Policy Statement, to be released soon.



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Energy Efficiency – A National Framework

- Aimed at unlocking the economic benefit of more energy efficient technologies and processes, the framework could deliver:
 - GDP improvement by up to \$1.8 billion
 - Employment growth of up to 9200 jobs
 - Energy use lowered by up to 9%
- Consulting widely with stakeholders to develop and agree future directions for energy efficiency policy and programs.



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Energy Efficiency – End-use Appliance and Equipment Program

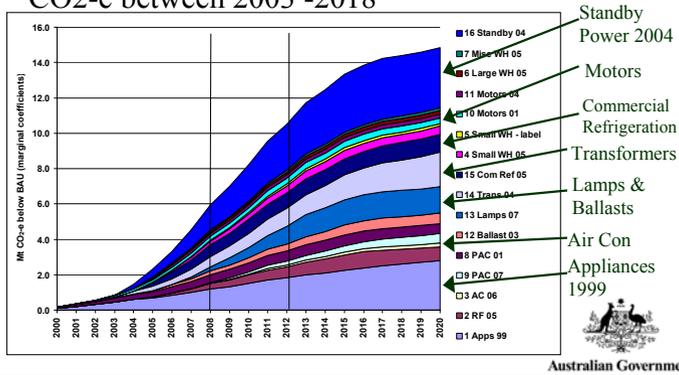
- This national program is an important part of any cost-effective energy efficiency and greenhouse program
- Between 2003-2018, it will deliver:
 - Over \$4 billion in energy savings
 - **Saving** the community around \$30 for every tonne abated



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End-use Appliance and Equipment Program

- Greenhouse reductions of 134 million tonnes of CO₂-e between 2003 -2018



Approach to Appliance and Equipment Efficiency

- An integrated policy approach including:
 - Banning the worst products from sale through minimum performance standards
 - Using mandatory “star” labels and voluntary labels like the Top Energy Saver Award Winner to :
 - enable consumers to make informed choices and
 - encourage suppliers to compete by rewarding more efficient product



Energy Efficiency - Airconditioning

- Commercial airconditioners subject to minimum energy performance standards since 2001
- Consumer airconditioners subject to minimum energy performance standards from October 2004
- National mandatory labelling of consumer airconditioners since the early 1990s and refreshed in 2000



Accelerating Airconditioner MEPS

- The Government welcomes the AREMA’s call to accelerate the second stage MEPS for consumer airconditioners:
 - The previously agreed October 2007 levels to be brought forward eighteen months years earlier to April 2006,
 - Will improve the efficiency of 87% of current product within 20 months.



Accelerating Airconditioner MEPS –2

The Government will consider the AREMA calls:

- To develop a clear regulatory plan for the next 5 to 10 years
- To involve the more than 400 suppliers in the Australian market
- To vigorously police the standards



Conclusion

- This government takes an integrated and long-term approach to energy and greenhouse policy.
- Energy efficiency will play an important part in delivering on energy and greenhouse policy aims.
- This conference is an important part of setting the agenda for the future

