



NSW Energy Saving Scheme

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Senior Team Leader

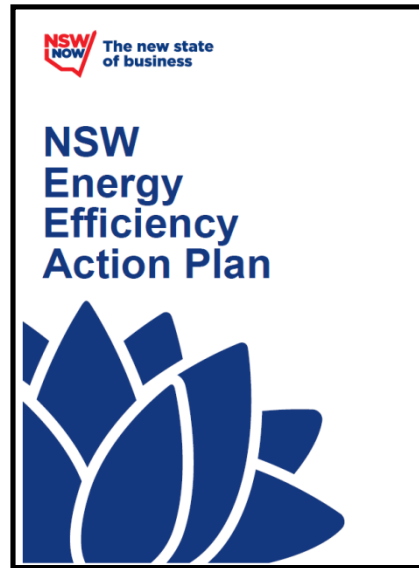
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Thriving Energy Services Industry



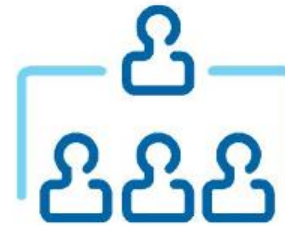
Energy Audit
Training
Direct funding



one to one
service
provision



ESS Development,
Industry Partnerships



one to many
service
provision



Accessibility

Simplicity

Quality

Transformative



ESS General Improvements

- extending the ESS to 2025
- increasing targets from 5% to 7% in 2016 up to 8.5% by 2019
- expanding the ESS to include gas savings
- Regional network factor





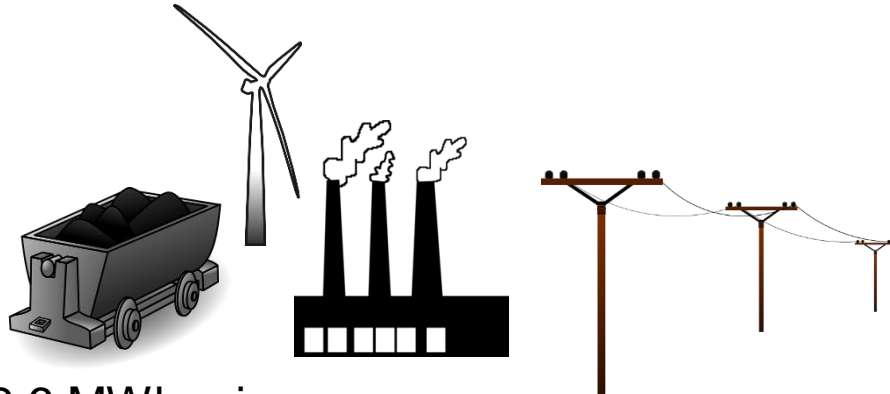
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- enabling a staged approach to harmonisation
 - annual updates to the ESS Rule
 - recycling requirements

Inclusion of gas

- End-use gas efficiency for stationary energy
 - Includes natural gas, liquid petroleum gas and variants
- Not eligible:
 - gas powered electricity generation
 - gas used as a chemical input
 - gas used as a transport fuel



Electricity



2.6 MWh primary energy savings

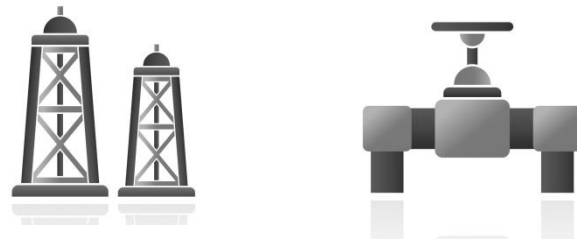


0.9 MWhr end use savings



1 Energy Saving Certificate

Gas



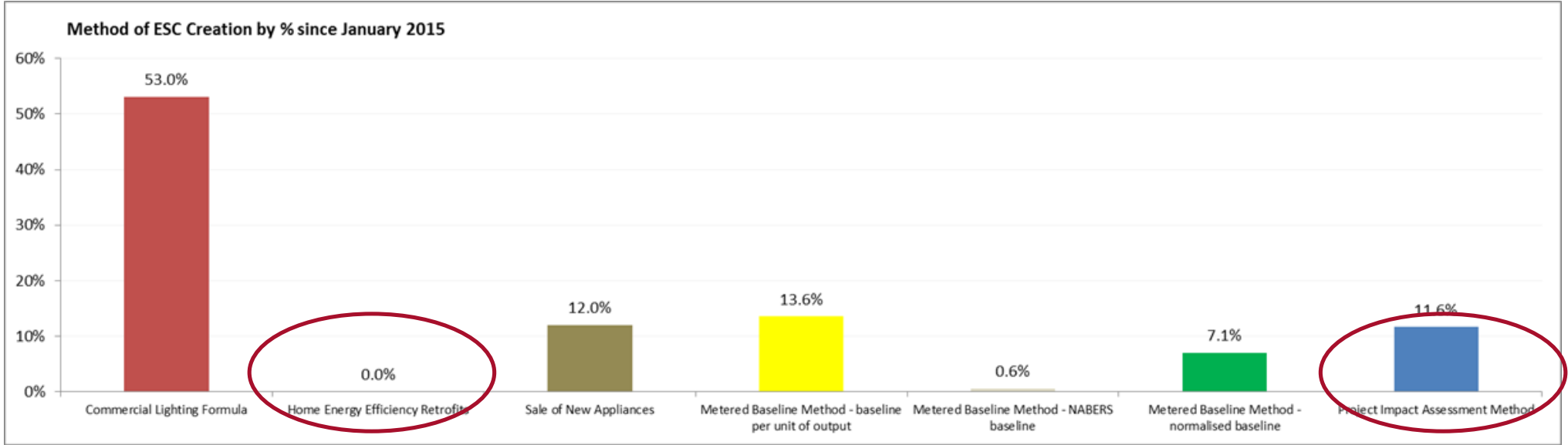
2.6 MWh (9.4 GJ) primary energy savings



2.5 MWhr (9.2 GJ) end use savings



1 Energy Saving Certificate

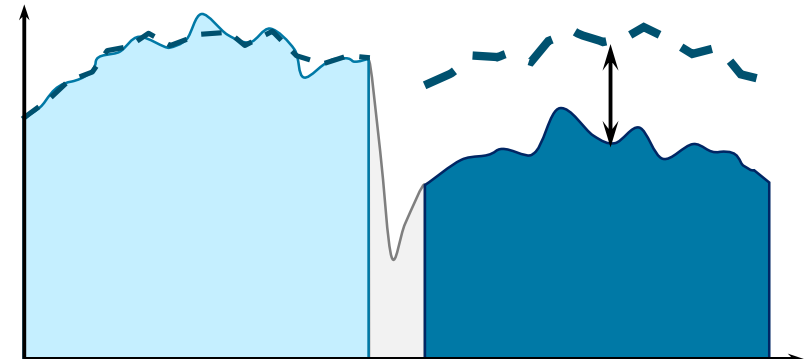




Helping Business access energy saving opportunities

Project Impact Assessment Measurement and Verification Method (PIAM&V)

- Inclusion of Gas efficiency Projects
- Amendments to minimum statistical requirements
 - R^2 criteria moved to guidance
 - Confidence level changed from 95% to 90%





Gas Efficiency Funding

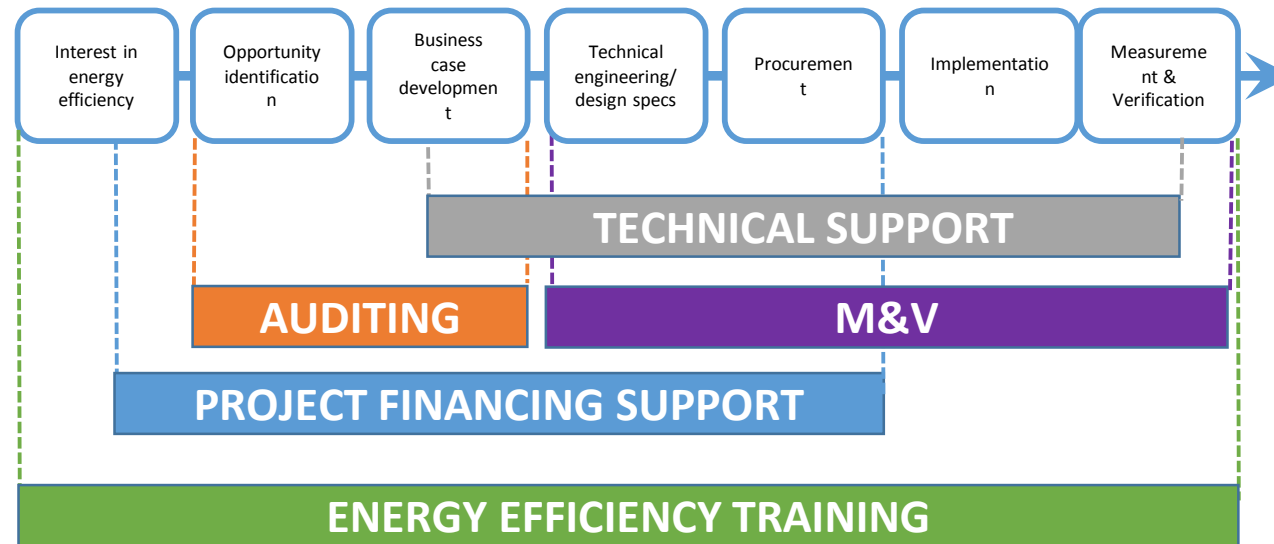
- Get more gas efficiency activities into the ESS
- interim funding to businesses to install gas sub-meters and a targeted gas efficiency technology
- Data from these projects will form the basis for new ESS methods
- Email the team at gas.efficiency@environment.nsw.gov.au
Or call 02 9995 6100





NSW Energy Efficient Business Program

Visit: <http://www.environment.nsw.gov.au/business/energy-saver.htm>



Helping households save energy

- Easier to access certificates for Home Efficiency upgrades
 - bundling requirements
 - site assessment requirements
- New activities
 - Allow gas saving and fuel switching activities
 - Retrofitting of high efficient gas appliances
 - Include a new activity for LED lighting



Examples

Gas hot water system

By replacing an electric hot water system with a 6 star gas instantaneous system

21 ESCs at \$23 = Approx \$480

LED's

Replace 20 halogen downlights with 9W LEDs

7.2 ESCs at \$23 = Approx \$165



Engage!

The NSW Government is seeking stakeholder comments on the draft changes. The draft new Rule and Consultation Paper can be found here:

<http://www.resourcesandenergy.nsw.gov.au/energy-consumers/sustainable-energy/efficiency/scheme>

To have your say, email your comments to energysavings.scheme@industry.nsw.gov.au by **5pm, Friday 4 December 2015**.

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