

Residential Sector (1)

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Updating Current DAFs

Currently have Default Abatement Factors for:

- gas (or LPG) hot water systems (not solar) replacing existing electric hot water systems (not solar)
- gas (or LPG) boosted solar hot water systems replacing electric hot water systems (not solar).
(Additional NGACs for non-solar contribution to water heating as solar contribution is claimable as RECs)
- CFL and halogen replacement of incandescent lamps
- Showerhead/flow restrictor installation
- Refrigerator buyback (2nd refrigerators)
- Installation of efficient refrigerator/freezers, freezers, clothes washers, clothes driers, dishwashers

Accredited certificate providers can create NGACs up front for these activities according to formula:

NGACs = Number of Installations/Activities **X**
Default Abatement Factor **X**
Installation Discount Factor

DAF method brings to account lifetime deemed energy savings with NGACs claimable at time of installation

Revision of DAFs

DAFs being revised due to:

- changed emphasis of ESS compared with GGAS - energy saving not greenhouse abatement
- feedback from stakeholders
- regulatory and market changes including:
 - electric storage water heater phase-out and MEPS for gas water heaters. Gas will be the regulatory minimum following phase-out
 - MEPS for lamps (most incandescent types phased out between late 2009 and 2015)
 - improvements in average efficiency of products on the market since DAFs set
 - in some cases, limited number of highly efficient products on market

Treatment of Other Gas Appliances

- Submissions have recommended inclusion of gas heating and cooking appliances replacing electric appliances and other fuel substitution activities. Gas heating is included in VEET and REES
- Replacement of electric products with gas does not generally result in improved end-use energy efficiency, but has greenhouse emission benefit and results in avoided generation
- Further analysis needed and DAFs will not be included in the first iteration of the Rule for 1 July

Ultra Low Flow Showerheads

- Developing DAFs for ultra low flow showerheads
- At present, over 2200 showerhead models are rated at the maximum WELS 3 stars (less than or equal to 9 litres per minute). Only 70 have rating less than or equal to 6 litres per minute
- DAFs will need to take into account electric storage water heater phase-out and MEPS for gas water heaters
- Anticipate DAFs will be ready for 1 July