

Commercial sector - other new activities and methods

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- **Default abatement factors for HVAC**
- **ABGR/NABERS Method**
- **Possible Green Star Rating Method**
- **Other proposals**



Recognising energy savings from HVAC

- Heating, ventilation and air-conditioning (HVAC)
- Estimated to account for between 30-50% of commercial sector energy use¹
- However savings vary strongly with behavioural and operation factors
- Best captured under NABERS method
- Credible DAF approach not possible

¹Wilkenfeld 2002, EMET 2000



ABGR/NABERS Method

- Australian Building Greenhouse Rating (ABGR)
- Now National Australian Built Environment Rating System (NABERS)
- Rates the environmental performance of existing buildings on 1-5 star scale
- Rating tool automatically calculates certificate entitlement claimed for improvements above a baseline rating



ABGR/NABERS Method

- Proposed updates to the method include:
 - Include new ratings for hotels (and shopping centres, schools and hospitals when available)
 - Increase flexibility over rating periods
 - Reflect new scheme name (NABERS)
- Considering options for limited forward creation
- Challenges with double counting and DAF methods must be overcome



Possible Green Star Rating Tool Method

- Project impact assessment method
 - can provide a higher level of certainty over future savings
 - but higher transaction costs
- Leveraging existing process can reduce transaction costs
- Green Star Rating Tool is one possible approach



Other proposals

- Submissions also included proposals to include:
 - Variable Speed Drives (VSDs)
 - Timers and sensors for equipment



- Questions or other suggestions for the panel?

Detailed comments can be emailed to:

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