

Mandatory Energy Efficiency Programs Comparison

| Program Name | Commonwealth Energy Efficiency Opportunities(EEO) | Commonwealth National Greenhouse and Energy Reporting (NGER) | New South Wales Energy Savings Action Plans (ESAP) | Queensland Smart Energy Savings Program | Victoria Environment and Resource Efficiency Plans (EREP) |
|--|---|---|---|---|---|
| Legislated (mandatory program) | ✓ | ✓ | ✓ | ✓ | ✓ |
| Legislation | Energy Efficiency Opportunities Act (Cth) 2006 | National Greenhouse and Energy Reporting Act 2007 National Greenhouse and Energy Reporting Regulations 2008 National Greenhouse and Energy Reporting (Measurement) Determination 2009 | Energy and Utilities Administration Act (NSW) 1987 No 103 Part 6A which commenced on 20 May 2005. Energy Savings Order of 2005 | Clean Energy Act (Qld) 2006 | Environment Protection Act (Vic) 1970 and Environment Protection (Environment and Resource Efficiency Plans) Regulations 2007 |
| Timelines | Fiscal year timelines (with some flexibility) | Fiscal year timelines | Baseline year chosen by business. Annual reporting 12 months after or a business chooses a quarter. | Fiscal year timelines | Default fiscal year reporting (or business may nominate another reporting year) |
| Energy unit of measurement | Petajoules (PJ) | Terajoules (TJ) for energy and carbon dioxide equivalent (CO ₂ -e) for greenhouse gas emissions | Most appropriate measurement | Terajoules (TJ) | Terajoules (TJ) |
| Thresholds | Corporate Groups > 0.5 PJ | Facility level threshold of ≥100TJ, or 25 kt CO ₂ -e; corporation level threshold of ≥500TJ/year, or 125 kt CO ₂ -e ¹ | Business and government agencies using above 10GWh of stationary energy. Local councils - people greater than 50,000 | Level 1 sites: ≤ 100TJ - 500 TJ/year ² | Sites ≥ 100TJ/year |
| Data reported | Energy consumption | Energy consumption energy production greenhouse gas emissions | Energy consumption | Energy consumption | Resources (energy, water and waste) |
| 12 month baseline data collected | ✓ (corporate group) | N/A | ✓ (site) | ✓ (site) | ✓ (site) |
| Registration deadline | 31 March (after trigger year) | 31 August following the trigger year in which threshold was met | No registration required participation will be mandated by government | 30 September | 30 September each year for sites that trigger EREP thresholds for 2007-08 financial year and beyond |
| Mandatory implementation of savings measures | x | x | ✓ implementation of cost effective measures | x | ✓ 3 year of better payback |
| Implementation plans to be submitted to Regulator | ✓ | NA | ✓ | ✓ | ✓ |
| Implementation plans reviewed by government | ✓ | NA | ✓ (possibly year 4 ³) | ✓ (year 3) | ✓ |
| Government approval of plans required | ✓ | NA | ✓ | x | ✓ |
| Participants required tom report to government | ✓ (mid and end year cycle report) | NA | ✓ (annual reports) | ✓ (annual) | ✓ (annual and final report upon expiry of plan) |
| Annual public reporting required | ✓ | ✓ Company level data will be published by 28 Feb following trigger year First publication of data on 28 Feb 2010 | x | ✓ (progress of implementation) | ✓ (aggregate data for all participating companies reported publicly) |

¹ For 2008-09 reporting year; ≥350 TJ or 87.5 kt CO₂-e for 2009-2010; and ≥200 TJ or 50 kt CO₂-e for 2010-2011 and beyond

² Reduced to sites ≤ 10 TJ over time

³ Depending on whether program is expanded to require businesses to produce another 4 year plan.