

Abbreviations and Acronyms

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|-----------------|---|
| ACE | ASEAN Centre for Energy |
| ACMV | air-conditioning and mechanical ventilation |
| AGC | automatic generation control |
| AGC | automatic generation control |
| APEC | Asia-Pacific Economic Cooperation |
| BPC | Berakas Power Company Sdn Bhd |
| BAU | business-as-usual scenario |
| BoD | basis of design |
| BEI | building energy intensity |
| BEM | building energy modelling |
| BEMS | building energy management system |
| BES | building energy simulation |
| BEV | battery electric vehicle |
| BSB | Bandar Seri Begawan |
| CCS | carbon capture and sequestration |
| CIQS | customs, immigration, quarantine, and security |
| CO ₂ | carbon dioxide |
| CSPF | cooling seasonal performance factor |
| DES | Department of Electrical Services |
| EIDPMO | Energy and Industry Department at the Prime Minister's Office |
| EMS | energy management system |
| EEC | energy efficiency and conservation |
| EEl | energy efficiency indicator |
| EV | electric vehicle |
| FC | fuel cell |
| FCEV | fuel-cell hydrogen electric vehicle |
| FIT | feed-in-tariff |
| IRENA | International Renewable Energy Agency |
| IEC | International Electrotechnical Commission |
| LEAP | Long-Range Energy Alternatives Planning System |
| LEED | Leadership in Energy and Environmental Design |

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|---------|---|
| HEV | hybrid electric vehicle |
| LTMP | Land Transport Master Plan |
| METI | Ministry of Economy, Trade and Industry |
| MOE | Ministry of Energy |
| MEPS | minimum energy performance standard |
| MOD | Ministry of Development |
| O&M | operation and maintenance |
| OTTV | overall thermal transfer value |
| PEV | plug-in electric vehicle |
| PHEV | plug-in hybrid electric vehicle |
| PV | photovoltaic |
| R&D | research and development |
| RPS | renewable portfolio standard |
| RT | refrigeration tonne |
| RTTV | roof thermal transfer value |
| SAIDI | System Average Interruption Duration Index |
| SAIFI | System Average Interruption Frequency Index |
| SCADA | Supervisory Control and Data Acquisition |
| TSB | Tenaga Suria Brunei Power Station |
| TSO | transmission system operator |
| vRE | variable renewable energy |
| UNISSA | University Islam Sultan Sharif Ali (Islam University) |
| U-value | thermal transmittance value |