

Glossary Terms Archive - Northmore Gordon

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Compressor Leak Audits, Surveys and Benchmarking EEO Assessments (SG) Singapore Energy
Efficiency Assessments Energy Procurement Navigate energy markets with confidence Virtual
Environmental Manager Leverage our teams wide experience Certificates Close Certificates Open
Certificates Certificates Our Environmental Attribute Certificate services help businesses accelerate
technology adoption, improve project ROI, and manage claims of renewable energy, energy efficiency
and carbon offset certificates Live Certificate Prices The value of certificates change day-to-day, check
today's prices Solar VEECs (VEU PBA) VEU PBA for Large-scale Solar Measurement & Verification
(VEU & ESS) M&V; for Large C&I; Efficiency Projects (VEU PBA & ESS PIAM&V;) BESS Calculator

Estimate the Peak Reduction Certificate revenue available to your NSW battery project in minutes ERF & Carbon Credit Registration ACCUs for Emission Reduction Projects Boiler Upgrades (VEU & ESS) NSW & VIC Boiler Rebates REC Registration (I-RECs & LGCs) Register renewable assets for I-RECs and LGCs Trade RECs & Carbon with us Trade Local & International Environmental Attribute Certificates moREnewable100 (RECs & Offsets) Reach Global Sustainability Goals with Certificates and Offsets Deemed Certificates (VEU & ESS) NSW & VIC Rebates Global Certificates Environmental Attribute Certificates Australian Programs Australian EAC Programs Case Studies Sectors Articles Team More Close More Open More Northmore Gordon Learn more about Northmore Gordon with the latest news and insights, were to find us, and the extensive terminology used in emissions reductions About Us Who we are & what we do in energy efficiency & decarbonization. Locations Find our offices near you. Contact Us Get in touch with our team. Careers Join our team making a sustainability difference Articles Learn about energy efficiency & carbon reduction. Latest News Stay informed on industry developments. Government Updates Track policy changes impacting your energy use. Accreditations See our certifications for trusted service. Glossary Define key terms in emissions reduction. Glossary Terms ACCU An ACCU is a unit issued to a person by the Clean Energy Regulator (Regulator) by making an entry for the unit in an account ACP Accredited Certificate Provider – a person accredited under the NSW ESS to create ESCs for Recognised Energy Saving Activities. AEF Australian Energy Foundation AEF AEF AEMO AEMO, also known as an Australian Energy Market Operator. Is a body that manages electricity and gas systems and markets across Australia. Helping to ensure AESS AESS, is your Annual Energy Savings Statement. AM&VP; Approved Measurement and Verification Professional. A person approved by the Victorian Essential Services Commission (ESC) to validate Measurement and Verification plans for the creation of AP Accredited Provider – a person accredited under the Victorian Essential Services Commission (ESC) to create VEECs for Prescribed Activities. Article 6 Article 6 of the Paris Agreement relates to the trading of carbon offsets between countries, also known as flexible mechanisms. There is an ongoing debate ASHP An air source heat pump, also known as an ASHP, is a type of heat pump that absorbs heat from a colder place and releases ASRS Australian Sustainability Reporting Standards (ASRS) – Australia's mandatory climate-related financial reporting rules started on 1 January 2025 and are being phased in across three reporting AWT The alternative waste treatment method provides an incentive to develop new alternative waste treatment (AWT) facilities, or expand existing AWT facilities to increase the capacity BECCS Bioenergy with carbon capture and storage (BECCS). It is the process of capturing energy from biomass via pyrolysis. The output is electricity or heat and BESS PRC Calculator This calculator estimates the potential Peak Reduction Certificate revenue available for eligible BESS1 to BESS5 battery energy storage projects BESS3 BESS3: battery systems for eligible apartment buildings BESS4 BESS4: battery systems for eligible small and medium business sites BESS5 BESS5: larger battery systems for eligible commercial and industrial sites Biochar Biochar is a stable, carbon-rich form of charcoal that is produced by pyrolysis of biomass. When applied to soil it can increase soil fertility, crop Bioenergy Biomass is plant or animal material used to produce electricity or heat. Examples include forestry by-products, crop waste, animal waste and food processing waste. Biomass BMS Building management system, used to control the operation of the energy using equipment in the building. Carbon credit A certificate that is equivalent to 1 tonne CO₂-e. Credits often refer to instruments issued under a cap and trade scheme, where companies are allocated Carbon Neutral The act of offsetting all scope 1, 2 and 3 emissions associated with a product or service. Carbon Offset 1 carbon offset = 1 tonne of CO₂-e avoided or removed from the atmosphere. Avoided emissions covers activities that alter behaviour that would have otherwise CCEW Electricians must submit a Certificate of Compliance for electrical work (CCEW) under the Gas and Electricity (Consumer Safety) Act 2017 and Gas and Electricity (Consumer CCS Carbon capture and storage (CCS) or carbon capture and sequestration is the process of capturing carbon dioxide (CO₂) before it enters the atmosphere, transporting it, CDM A mechanism for non-Annex 1 countries to create carbon credits under the Kyoto protocol and sell those to Annex 1 countries to meet their Kyoto CDP Carbon Disclosure Project (CDP) is a not-for-profit charity that runs the global disclosure system for investors, companies, cities, states and regions to manage their environmental CEC The Clean Energy Council (CEC) is the peak body for the clean energy industry in Australia. It is a not-for-profit, membership-based organisation. It represents and

CES (COES) A Certificate of Electrical Safety (COES) must be provided for all electrical installation work in Victoria and issued within 30 calendar days of the completion CFI The Carbon Farming Initiative (CFI) is a voluntary carbon offsets scheme. It is an integral component of the Emissions Reduction Fund and allows land managers Clean Energy Regulator The Clean Energy Regulator is the Australia Government body responsible for accelerating carbon abatement for Australia through the administration of the National Greenhouse and Energy CLF Commercial Lighting Formula Climate Active Climate Active is an accreditation program for Australian companies to certify their organisations, products, services, events, buildings or precincts as carbon neutral. The program is Climate Positive The concept that your actions are having a net positive benefit to the climate. This is generally achieved through surrendering more carbon offsets than your CMVP Certified Measurement and Verification Professional, see M&V.; CORCs Carbon dioxide removal certificates where CO₂ is physically captured from the atmosphere and stored for a minimum of 50 years. It is a voluntary market CORSIA Carbon Offsetting and Reduction Scheme for International Aviation (CORSIA) is the International Civil Aviation Organization (ICAO)'s market-based greenhouse gas offset mechanism. Corsia has specific eligibility CPRS Carbon Pollution Reduction Scheme DAC Direct air capture (of CO₂) using technology, not nature-based solutions. DELWP Department of Environment, Land, Water and Planning EAC Energy attribute certificate – generic term for a certificate issued for 1MWh of renewable electricity generated. Used interchangeably with renewable energy certificate (REC). EC Electronically Commutated ECM Energy conservation measure ECS Energy consuming system EEC Founded in 2009, the Energy Efficiency Council (EEC) is a not-for-profit membership association for businesses, universities, governments and NGOs. It focuses on building a market EEIS (ACT) Energy Efficiency Improvement Scheme EER Energy Efficiency Ratio EERS Emissions and Energy Reporting System Emissions Trading Schemes There are several operating schemes, both mandatory and voluntary. The International Emissions Trading Association provides and overview of the mandatory markets in operation around the Energy Model A mathematical model describing the energy use profile before implementation of a project (baseline phase) and after an implementation of a project (operating phase) occurs. Energy Savings Electricity or gas savings or both. EP100 Energy productivity is the ratio of economic output to energy consumption. By implementing efficiency measures, EP100 members improve their energy productivity and reduce greenhouse gas ERF The Emissions Reduction Fund is a voluntary scheme that aims to provide incentives for a range of organisations and individuals to adopt new practices and ESC An energy savings certificate (ESC) is a tradeable certificate created under Division 7 of Part 9 of the Electricity Supply Act 1995. Each ESC represents ESC (VIC) The Essential Services Commission (ESC) promotes the long-term interests of Victorian consumers with respect to the price, quality and reliability of essential services. ESCOs Energy Service Companies ESM Energy Saving EC Motor ESS The NSW Energy Savings Scheme (ESS) provides financial incentives to install, improve or replace energy savings equipment and appliances in NSW households and businesses. The ESS ESV (VIC) Energy Safe Victoria/p> GEMS The Greenhouse and Energy Minimum Standards (GEMS) Regulator is based in the Australian Government's Department of the Environment and Energy, and is responsible for administering GGAS Greenhouse Gas Reduction Scheme, closed now. GHG Greenhouse gases trap heat in the atmosphere. They all have different global warming potentials (GWP) over different time frames, the higher the number, the worse GJ A gigajoule (GJ) is the equivalent to 1 billion joules. A joule is a measure of the energy required to send an electrical current of Gold Standard Accreditation scheme for voluntary carbon offset and renewable energy projects. The tradable instruments are Verified Emission Reductions (VERs). The Gold Standard label can also be Green Certificate also known as a Renewable Energy Certificate (REC) represents 1 MWh of renewable electricity generation, typically from sources such as solar PV, wind, hydro, geothermal, Greenhouse Gas Protocol The GHG Protocol is the most widely used greenhouse gas accounting standard for companies. It provides guidance on the calculation of scope 1, 2 and Guarantee of Origin (GO) A Guarantee of Origin (GO) is a European energy certificate that verifies electricity has been generated from a specific renewable source. GOs are used to HEAB The Installation of High Efficiency Appliances for Business method (Business Appliances) is used to calculate electricity savings from the installation of high efficiency refrigerated cabinets, HECA The high efficiency commercial appliances method sets out the rules for projects that reduce emissions by improving the efficiency of air

conditioners, close control air HEER The Home Energy Efficiency Retrofits (HEER) method may be used to calculate energy savings from a range of household and small business energy efficiency upgrades. HVAC Heating, ventilation, and air conditioning is the technology of indoor and vehicular environmental comfort. Its goal is to provide thermal comfort and acceptable indoor air I-REC International Renewable Energy Certificate created under the International REC Standard. ICER The Industrial Commercial Emissions Reduction method provides a framework for evaluating and crediting carbon abatement projects, ensuring they are additional, measurable, and verifiable. IEFE Industrial Electricity and Fuel Efficiency IEU Industrial Equipment Upgrades IHD In Home Display IPART Independent Pricing and Regulatory Tribunal IPCC Intergovernmental Panel on Climate Change IPLV Integrated Part-Load Value IPMVP International Measurement and Verification Protocol IPPS Information Privacy Principles ITMO Accredited Certificate Provider – a person accredited under the NSW ESS to create ESCs for Recognised Energy Saving Activities. IUCN International Union for Conservation of Nature KAM Key Account Manager LGC Large-scale Generation Certificate under the Australian Renewable Energy Target. LRET The Large-scale Renewable Energy Target (LRET) incentivises the development of renewable energy power stations in Australia through a market for the creation and sale of M&V; Measurement and verification (M&V;) is the process of using measurements to reliably determine savings resulting from an energy management program. Savings cannot be directly measured, MBM Metered Baseline Method MEPS Minimum Energy Performance Standards MIRN Meter Installation Reference Number MST Mandatory Safety Training NABERS National Australian Built Environment Rating System NABERS Accredited Certificate Provider – a person accredited under the NSW ESS to create ESCs for Recognised Energy Saving Activities. NAESCO National Association of Energy Services Companies NDC Nationally determined contribution is a country's greenhouse gas reduction commitment under the Paris agreement. NDC Nationally Determined Contribution NEPP National Energy Productivity Plan Net-zero Net-zero is a term meaning to get to zero emissions, there is no current standard on what getting to net-zero means. For governments a net-zero NETs Negative emissions technologies, which remove CO2 from the atmosphere and sequester it. NGER National Greenhouse and Energy Reporting Scheme. Large energy users and greenhouse gas emitters that exceed the thresholds must report their detailed energy and emissions data NMI National Metering Identifier Non-Fossil Certificate (NFC) A Non-Fossil Certificate (NFC) is Japan's primary energy attribute certificate used to verify electricity generated from non-fossil sources, including renewable energy. NFCs are widely used NPLV Net Part-Load Value NZ-EC New Zealand Energy Certificate, equivalent to 1 MWh of renewable electricity NZECS New Zealand Energy Certificate System, the Renewable Energy Certificate registry in New Zealand managed by Certified Energy OH&S; Occupational Health and Safety Paris Agreement The Paris Agreement is a legally binding international treaty on climate change. It was adopted by 196 Parties at COP 21 in Paris, on 12 PBA Project Based Activities PBA Project Based Activities PCE Power Conversion Equipment PFC Power Factor Correction PIAM&V; Project Impact Assessment with Measurement and Verification PIC Plumbing Installation Certificate PPA Power Purchase Agreement is a direct agreement between a renewable energy project developer and an end-user for the sale of renewable electricity. Behind the meter, PV Solar Photovoltaic Race To Zero Race To Zero is a global campaign to ally leadership and support from businesses, cities, regions, investors for a healthy, resilient, zero carbon recovery that RDC Refrigerated Display Cabinet RE100 RE100 is the global corporate renewable energy initiative bringing together large businesses committed to 100% renewable electricity. The members must be influential based on their REC Renewable Energy Certificate RECs I-RECs, GOs, TIGRs, LGCs, ZNECs, J-Credits REDD+ A carbon offset created from reducing emissions from deforestation and forest degradation (REDD) in developing countries under the UNFCCC framework. Several REDD+ projects have been REPS (SA) Retailer Energy Productivity Scheme RESA Recognised Energy Savings Activities Residual Mix A residual mix sets out the proportion of electricity from each generation technology (coal, gas etc.) that remain in the power grid after all certified Residual Mix The residual mix represents the average emissions intensity of electricity remaining on a grid after all renewable energy certificates (such as RECs or Guarantees of RET The Renewable Energy Target is an Australian Government scheme designed to encourage the additional generation of electricity from sustainable and renewable sources. The Renewable Energy RFI Reason

For Investigation RFI Request for Information RSC Refrigerated Storage Cabinet RTO Registered Training Organisation SBES Small Business Energy Saver Program SBTi Science Based Targets initiative Science-Based Targets The science based targets initiative (SBTi) is a partnership between CDP, the United Nations Global Compact, World Resources Institute (WRI) and the World Wide Fund SEC State Electricity Commission SME Subject Matter Expert SPLV Specific/System Part-Load Value SPOC Single Point of Contact SRES Small-Scale Renewable Energy Scheme STC Small-scale Technology Certificate under the Australian Renewable Energy Target. SV Sustainability Victoria SWH Solar Water Heater TCFD The Task Force on Climate-related Financial Disclosures (TCFD) is an industry-led effort, chaired by Michael Bloomberg, with 32 global expert members from the private sector. TCFD Task Force on Climate-related Financial Disclosures TIGR Tradeable Instrument for Global Renewables (TIGR) Registry is an online platform for tracking and transferring renewable energy certificates (RECS), enabling developers to generate, verify and sell UCA Unsolicited Consumer Agreement VBA The VBA oversees regulation of building and plumbing practitioners to aid the achievement of efficient and competitive building and plumbing industries in Victoria. VCS Verified Carbon Standard is the program operated by Verra and is the most widely used voluntary greenhouse gas program internationally. Verified Carbon Units (VCUs) are VCU Verified Carbon Unit under the Verra Verified Carbon Standard (VCS) program. Eligible for use under the Climate Active Program. VEEC Victorian Energy Efficiency Certificate VEET Victorian Energy Efficiency Target, under the VEET Act 2007 VEM Virtual Energy Manager VER Voluntary Emission Reduction under the Gold Standard. VER Verified emission reductions (VERs) are essentially a reduction in greenhouse gas emissions (GHGs) from a project that is independently audited (i.e., verified) against a third-party Verra Verra is a not for profit organisation that administers the Verified Carbon Standard (VCS) Program under which VCUs are created. Operating since 2006 it is VEU Victorian Energy Upgrades is a Victorian government energy efficiency program that gives every Victorian household and business the opportunity to receive rebates or discounts on VFD Variable Frequency Drive VSD Variable Speed Drive White Certificate used to track reductions in energy use, usually from energy efficiency activities, can be measured in either MWhs of energy saved or in Tonnes of WTP Willingness to Pay WWTP Wastewater Treatment Plants Get in touch Australia 1300 854 561 (Advisory) 1300 878 500 (Certificates) Melbourne Suite 1, Level 4 607 Bourke Street Melbourne VIC 3000 Singapore +65 6690 2480 Singapore 1 Keong Saik Road, Singapore 089109 Stay up to date Alternatively, complete the form and we will be in touch with you. First Name Last Name Email Phone Number Country Australia Singapore Subject Message Send Services Energy Audit Services M&V; Services EEO Assessments Corporate Energy and Carbon Management Grants and Program Strategic Energy Sourcing Virtual Energy Manager Climate Active Certification Sectors Animal Processing Chemical Processing Commercial Buildings Food & Beverage Manufacturing Mining Oil & Gas Pharmaceutical & Health Products Public Sector Waste & Wastewater Wood, Paper & Cardboard Processing Upgrades Boiler Upgrades Commercial Lighting Hot Water Systems Mid Scale Solar NABERS Public Lighting Refrigerated Display Cabinets Solar PV Small Scale UPS Certificates Live Certificate Prices International Renewable Energy Certificates Tradable Instrument for Global Renewables Australian Carbon Credit Units Energy Savings Certificates Large-scale Generation Certificates Small-scale Technology Certificates Victorian Energy Efficiency Certificates Government Schemes Emissions Reduction Fund Energy Savings Scheme Renewable Energy Target Victorian Energy Upgrades Helpful Links About us Meet the Team Careers Contact us Articles News Glossary Privacy Policy Complaints