This list of terms if to be used in conjunction with the information on the department's website.

| Term | Definition |
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| Climate Change | Refers to a measurable change that exists for an extended period in the state of the environment. This refers to changes that can be measured statistically such as the temperature and precipitation. |
| Decarbonisation | The process undertaken by states, companies and individuals to reduce and eliminate the use of carbon, often in the context of reducing carbon emissions produced by energy generation. |
| Economic Diversification | Describes the process of shifting an economy to containing several more varied income streams. |
| Electrification | The act or process of electrifying. In the context of renewable energy, this refers to decreasing the use of carbon-based sources as energy for power generation and vehicles for example. |
| Energy Transformation | Describes a change in the fundamental aspects of how energy is used and produced. |
| Global Warming | Refers to the average temperature increase near the Earth's surface. |
| Mitigation | Describes a set of actions undertaken to limit the impact of human impacts on the environment. |
| Net Zero Emissions | Refers to the attainment of a balance when emissions released to the atmosphere by humans, are equal to the amount of emissions removed by humans from the atmosphere. |
| Social Impacts | The non-economic effects on communities resultant from an action (or inaction), an activity or a policy. |
| Sustainable Development | Describes development which meets the needs of the present, without compromising the needs of future generations. This form of development is designed to balance social, economic and environmental concerns. |
| Transition Planning | A continuing process that incorporates long-term strategies and planning, often with a place-based approach, to increase the uptake of decarbonised industries in an economy. |
| Emissions | |
| Fugitive Emissions | Describes gases, such as CO_2 and methane, that are released into the atmosphere, particularly those emissions associated with industry. |
| Greenhouse Gas Emissions | Describes the class of gasses existing in Earth's atmosphere that absorbs and emits radiation. Greenhouse gases include carbon dioxide, methane and ozone. |
| Scope 1 Emissions | Describes emissions that are released into the atmosphere as a direct result of either an activity or a series of activities. |
| Scope 2 Emissions | Describes emissions that released into the atmosphere resulting from the indirect consumption of an energy commodity. |



| Scope 3 Emissions | Describes emissions that are indirect greenhouse gas emissions other than Scope 2 emissions that occur in the wider economy. |
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| Renewable Technologies | |
| Battery | Refers to an energy storage system that through chemical action produces electricity. |
| Battery Packs | Are devices that provide power to an electrical system from stored electrical energy. |
| Battery Storage | Refers to a device that uses batteries to store energy for later use. |
| Bioenergy | Refers to energy that is generated through the conversion of biomass into forms of energy such as heat and energy. |
| Biofuels | Also known as liquid fuels, refers to fuels that are produced from biomass and includes fuels produced from sugarcane, maize and soybeans. |
| Biomass | Refers to renewable organic material, that is often the basis for biofuels and bioenergy, and is derived from forestry, agriculture or waste streams. |
| Coordinated DER Storage | Describes coordinated behind the meter battery installations often in businesses and residential properties. |
| Concentrated Solar Power | Describes solar power plants that concentrate solar radiation to a focal region, either transmitted or through reflection, and is then converted into energy. |
| Critical Minerals | Describes minerals that are essential in the manufacturing of a product. In the context of renewable energy, it describes the minerals used to develop clean energy technologies. |
| Distributed Energy Resource | Renewable energy systems or units that are decentralised and often describes units that are located in houses and businesses. |
| Distributed Photovoltaics | A form of distributed energy resource, distributed photovoltaics converts the sun's rays into electricity and refers to all grid-controlled solar that is not centrally controlled. |
| Electric Vehicles | Vehicles that are either wholly or partially powered by electricity. |
| Electrolysis | The process of passing an electric current through an electrolyte to produce a chemical change. |
| Energy Storage Systems | Uses several measures, such as chemical processes or pumped hydro, to store electrical energy that can be used at a later date. |
| Fuel Cell | A device that, through an electrochemical process, often with hydrogen and oxygen, produces electricity. |
| Green Hydrogen | Refers to hydrogen that is created from renewable sources without fossil fuels. A common technique to develop green hydrogen is through electrolysis to separate oxygen and hydrogen from water molecules through strong electrical currents. |
| Green Steel | In the context of decarbonisation, it refers to steel that is made with hydrogen, rather than coal. |
| Hydrogen | The most abundant element in the universe. Hydrogen, when mixed with oxygen, has the capacity to produce electricity. |

| Lithium-Ion Batteries | A rechargeable battery that, for an electrolyser, uses lithium ions. In renewable technologies, the batteries can be used particularly in electric vehicles |
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| Nacelles | The top portion of a wind turbine that connects the blades with the tower. |
| Hydropower | Describes the electricity that is produced from the kinetic and potential energy of water. |
| Photovoltaic Cells | Refers a semi-conductor that is capable of converting light into electricity. Used in converting solar power. |
| Renewable Energy | Describes energy that derives from a natural and ecological source that is capable of being replaced and replenished. |
| Renewable Energy Sources | Refers to energy sources that naturally either replenish or renew themselves and are not a finite resource. |
| Solar Photovoltaic Power Systems | Describes solar power systems that directly generate electricity from solar energy. |
| Solar Power | Refers to electricity that is generated from heat and light radiated from the sub. |
| Solar Thermal Power Systems | Describes solar systems that heat a fluid, such as water, that generates electricity to power an engine, turbine or other contraption. |
| Sustainable Aviation Fuel | Renewable or lower-waste fuels that meet have the capacity to reduce the emission of CO2 in contrast to convention jet fuels. |
| Utility-Scale Solar | Describes utility-scale solar projects that are designed to deliver power generation onto the grid. |
| Utility-Scale Storage | Also known as grid-scale storage, refers to energy storage that is large- scale, often involves a large number of batteries installed together, and connected to the electricity grid. |
| Wind Power | Refers to electricity that is produced from the kinetic energy of wind through wind turbines. |
| Environmental Concepts | |
| Adaptation | Describes the preparation of adjusting to the environmental impacts of global warming. |
| Carbon Footprint | Describes the yearly production of greenhouse gasses by an entity, whether that be a company, state or individual. |
| Carbon Neutral | Describes the attainment of a state when carbon dioxide emissions released into the atmosphere are balanced by carbon dioxide removed over a period of time. |
| Carbon Sinks | Refers to a reservoir where a greenhouse gas is stored. |
| Circular Economy | Refers to the process of keeping materials and products in circulation for the longest period of time possible through recycling. |
| Climate Finance | Refers to financing that is directed towards mitigation and adaptation efforts to address climate change. |

| Emission Reduction Targets | Refers to a goal that is used to measure the avoidance of emissions entering the atmosphere. | | |
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| End-of-Life (Mine Closures) | Refers to the final stage in a mine's life once either the mine is no longer economically viable or once production reserves are exhausted. | | |
| Energy Efficiency | Refers to the reduction of energy use, while sustaining the same activity. | | |
| Energy Targets | Describes targets to reduce energy generation from carbon-based sources and increasing the uptake from electricity sourced by renewable or lower- emission sources. | | |
| Just Transition | Akin to energy transformation, a just transition describes the process of shifting towards a lower-emissions economy while ensuring environmental sustainability, social inclusion and the limitation of economic detriments. | | |
| Physical Risk (of Climate Change) | Describes the physical effects of climate change in the environment, such as sea level rises and the increased occurrence of bushfires. | | |
| Resource Recovery | Describes the process of diverting material from landfill and re-using that material to produce new products. | | |
| Transition Risk (of Climate Change) | Noun – describes the risks that result from policy action or inaction in the transition towards a carbonised economy. | | |
| Economic Concepts | Economic Concepts | | |
| Downstream Manufacturing | Also known as downstream processing or downstream operations, describes operations that convert materials into their finalised product. | | |
| Midstream Manufacturing | Also known as midstream processing or midstream operations, it describes those operations that occur between downstream and upstream manufacturing. | | |
| Upstream Manufacturing | Often refers to the originating processes in a supply chain, such as the extraction of materials. | | |
| Supply Chain | The chain of processes and businesses which manufacture and deliver a good. | | |
| Value Chain | Describes the value that is added to a product as it moves along with supply chain. | | |
| Minerals/Inputs | | | |
| High Purity Alumina | A white crystalline powder form of Al_2O_3 which has a high melting point, hardness and electrical insulation. HPA has a number of applications including in lithium-ion batteries. | | |
| Aluminium/Bauxite | A mineral used in solar, wind, EVs and battery storage. | | |
| Chromium | A metal with high corrosion resistance and hardness that is used in iron and steel. | | |
| Cobalt | A hard metal used in lithium-ion batteries essential for EVs and battery storage as well as in wind technology. Has present use in superalloys, steel and pigments and is often a by-product of copper mining. | | |
| Galium | A metal with a low melting point, but a high boiling point and is a semi- conductor. As a result, gallium is used in thin layer photovoltaics, LEDS and integrated circuits. | | |

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| Green AmmoniaDescribes ammonia that is created synthetically by combining nit hydrogen through the use of renewable technologies such as win Green ammonia can be used as engine fuel and as a component fertilisers.HafniumA shiny, corrosion resistant metal that is used in the control rods rods and as an alloying agent for other metals.IndiumA white metal that forms alloys with most metals and increases si and corrosion resistance. Indium tin oxide is used for electrically conductive purposes and is used as a semiconductor and an elect component.LithiumA silvery, soft metal that forms a strong alloy and is very reactive. lowest density of all known solids at room temperature. Lithium is batteries among other uses. | nd or solar. t in of nuclear trength ctrical . Has the s used in |
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| Manganasa | tteries |
| Manganese A grey metal often alloyed in steel and aluminium and used in ba and fertilisers. | |
| Metallurgical Coal Also known as coking coal, is coal that is used in steel making an industrial processes. | nd other |
| Niobium A soft metal that resists acids and is often used in micro-capacito store electricity. | ors, to |
| Rare Earth ElementsDescribes a series of metallic elements, that are often found in th ores and have similar chemical processes, of which the oxides ar as rare earths and includes elements in the lanthanide series and sometimes yttrium and scandium. These elements are often used magnets, energy storage systems and as superconductors. | re classed d |
| Scandium A metallic element that is used in in solid oxide fuel cells, electror lasers. | nics and |
| High-Purity SilicaA non-combustible white crystal that is used for semi-conductors electronics and photovoltaics in solar panels. | in |
| TantalumA hard, blue-grey metal that is resistant to corrosion from acids a high thermal and electrical conductivity is used in a number of ap such as electronic micro-capacitors. | |
| TitaniumA low-density metal with several applications including in EVs, bas storage and wind technologies, given its uses as an alloy in steel | |
| Thermal CoalAlso known as steam coal, this refers to coal that is burned to ge steam for the production of electricity or heat. | nerate |
| TungstenA brittle, steel-grey metal that is used to develop wind turbine bla solar technology, especially given its use in steel manufacturing. | |
| Vanadium A silver-grey metal that is used to develop solar grid batteries and alloy in steel. | d as an |
| Zirconium A soft metal with high melting and boiling points that is used to de solar technology and as cladding for nuclear reactor cells. | evelop |
| Government Plans and Policy Terms | |
| Regional Transformation Plan A plan that identifies projects and activities that support decarbor efforts in each priority region under the REFF, which will inform the support decarbor efforts in each priority region under the REFF. | |

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| | development of an implementation plan to allocate funding under the REFF. |
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| Stakeholder Advisory Committee | Describes the committees, composed of key local stakeholders, in each priority region that discuss and advises on funding allocations under the REFF |
| Renewable Energy Zones | An area that has high-quality renewable resources that could be developed to enable greater power generation from renewable sources. |
| Queensland Energy and Jobs Plan | Refers to the Queensland Government's plan to build a thriving renewable energy sector in Queensland, and to meet Queensland's energy and emissions targets. |
| SuperGrid | Refers to the Queensland Government's plan to deliver the elements of an electricity system to supply Queenslanders with clean, reliable and affordable electricity. |