

Glossary

Technical Term	Meaning
Advanced Ultra Supercritical Technology	Advanced Ultra Supercritical (AUSC) Technology for thermal power plants is meant for enhancement of plant efficiency to 45-46 <i>per cent</i> , and reduction of coal consumption and CO ₂ emissions by ~20 <i>per cent</i> .
Balance of Plants	Balance of Plants are the products, systems and services which may not be in the manufacturing range of BHEL, but which form part of BHEL's scope of project requirement.
BSE PUC index	This index consists of major Public Sector Undertakings listed on BSE. The S&P BSE PSU Index is displayed on-line nationwide.
Enterprise Resource Planning (ERP)	ERP provides an integrated and continuously updated view of core business processes using common database maintained by a database management system
Drum Boiler	Drum boilers are also called sub-critical boilers because they have to operate below the critical point of water to make sure that there is density difference between steam and water allowing for separation.
Photovoltaic Cell	Semiconductor device that converts sun light into Direct Current (DC) electricity
Photovoltaic Module	PV Module consists of PV cells circuits sealed in environmentally protective laminate and are the fundamental building block of PV system
Photovoltaic Panels	PV Panel includes one or more PV modules assembled as a pre-wired, field-installable unit
Plasma Pyrolysis	In Plasma pyrolysis, waste is incinerated using plasms technology. Plasma is the state of matter obtained by breaking down atoms into ions and electrons by the process if ionization. Plasma can quite easily reach temperature of 10000 degree Celsius.
Percentage completion method of recognizing revenue	Under percentage completion method, revenue is recognized as the contract activity progresses based on the stage of completion reached. The cost incurred in reaching the stage of completion is matched with this revenue, resulting in the reporting of results which can be attributed to the proportion of work completed. As per the principle of 'prudence', revenue is recognized only when realized, under this method, the revenue is recognized as the activity progresses even though in certain circumstances it may not be realized.
Supercritical technology	A supercritical steam generator is a type of boiler that operates at supercritical pressure, frequently used in the production of electric power. In contrast to a subcritical boiler in which bubbles can form, a supercritical steam generator operates at pressures above the critical pressure – 3200 psi or 22 MPa.

Technical loading	Technical loading is the process of assigning higher cost at a pre-determined rate due to inferior technical parameters offered at the time of evaluation of bids to bring at par the bids of different parties.
Valuation adjustment	Difference between the billed value and intrinsic value of dispatches is booked as valuation adjustment