

BHEL commissions India's Largest Floating Solar PV plant
Another major milestone in self-reliance



New Delhi, July 7: Bharat Heavy Electricals Limited (BHEL) has successfully commissioned India's largest floating Solar PV plant rated at 100 MW at NTPC Ramagundam in Telangana. The plant is installed across the natural raw water reservoir, saving valuable land resources, and also conserves water by reducing evaporation.

With innovatively engineered layouts and arrangements for the solar PV modules, electricals and floaters, the plant will ensure that the aquatic ecosystem is maintained while producing clean power. All major components of the solar plant - viz. solar PV modules, floaters, bio-degradable natural ester oil filled inverter-duty transformers, switchgear, SCADA and cables are indigenous, contributing to the Government of India's 'Make in India' mission.

With this, BHEL has achieved the unique distinction of commissioning 3 floating solar projects - 25 MW at NTPC Simhadri, 22 MW at NTPC Kayamkulam and 100 MW at NTPC Ramagundam - in the last 10 months.

Each one of them is unique in respect of their engineering and execution features.

BHEL is the leading EPC player in the floating solar segment in the country. 152 MW of capacity has been commissioned so far, delivering plants on all kinds of water bodies - natural reservoirs, man-made reservoirs and saline back-water kayals. BHEL's in-house capability for end-to-end engineering and execution of floating solar projects is supported by its dedicated and committed engineering and project teams, which have made this feat possible.
