

December 6, 2021  
Electric Power Development Co., Ltd. (J-POWER)

## J-POWER Receives Order in India for Consulting Services Related to Construction of the Turga Pumped Storage Project

Fourth Time Providing Technical Support for Construction of a Pumped Storage Power Project in India

Electric Power Development Co., Ltd. (headquartered in Chuo-ku, Tokyo; Toshifumi Watanabe, President, “J-POWER”) announced today that J-POWER has received an order from West Bengal State Electricity Distribution Company Limited (WBSEDCL) in India for consulting work related to the Turga Pumped Storage Project and began working on this project today.

The Turga Pumped Storage Project will strengthen capacity for the peak power supply and stabilize system measures by constructing a pumped storage power plant in the Purulia district of West Bengal in eastern India. In this way, we are contributing to the economic development and improved living standards in this state.

Using our knowledge of pumped storage power plants cultivated in Japan and overseas, we will review the basic design, the detailed design, as well as support bidding and construction supervision with back up from the Japan Water Agency, which has advanced knowledge of water infrastructure projects, such as dams.

The power development plan announced by the Central Electricity Authority of India in 2018 indicated that, in a situation where the introduction of renewable energy is expected to increase, pumped storage hydroelectric power will substantially contribute to stabilizing the power system and the peak power supply. The plan includes the need to systematically increase the number of this type of power plant.

Since 1989, J-POWER has been providing an enormous amount of technical assistance in India, including hydroelectric power, thermal power, power transmission, and power sector surveys. This project is the fourth time we are providing technical support for the construction of a pumped storage power plant in that country.

On February 26, 2021, the J-POWER Group announced J-POWER “BLUE MISSION 2050,” reflecting the commitment to help create a carbon-neutral and hydrogen-based society by 2050. Going forward, the J-POWER Group will continue to create sustainable societies in Japan and around the world by accelerating the development of renewable energy, both in Japan and overseas.

[Attachments]

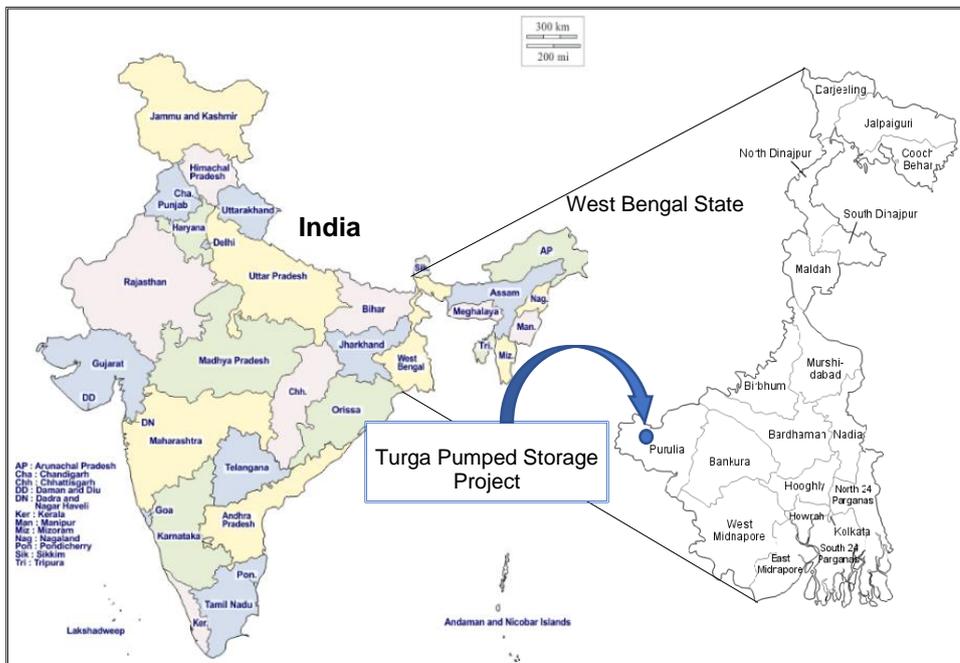
1. Overview of the Turga Pumped Storage Project and the Consulting Services
2. Pumped Storage Projects in India Where J-POWER Has Provided Technical Support

Attachment 1. Overview of the Turga Pumped Storage Project and Consulting Services  
[Project]

Name : Turga Pumped Storage Project  
Total cost : 112.1 billion yen  
(81.0 billion yen of this amount is for yen loans, and 29.4 billion yen is for the current round of loans)  
Project implementer : West Bengal State Electricity Distribution Company Limited (WBSEDCL)  
Power generation facilities : 1,000 MW (250 MW × 4 units)  
Planned project implementation period : October 2018 to November 2028

[Consulting services]

Services : Consulting services to WBSEDCL for (1) basic design review, (2) detailed design and bidding support, (3) construction supervision  
Planned contract period : October 2021 to September 2030  
Project location : See below



Location

Attachment 2. Pumped Storage Projects in India Where J-POWER Has Provided Technical Support

	Project	Operator	Implementation Period
1	Sri Sailam Hydroelectric Power Project	Andhra Pradesh Power Generation Corporation (APGENCO)	1989 to 2003
2	Ghatghar Pumped Storage Project	Government of Maharashtra Irrigation Department (GOMID)	1995 to 2008
3	Purulia Pumped Storage Project	West Bengal State Electricity Distribution Company Limited (WBSEDCL)	1990 to 2009

Since 1989, J-POWER has been providing technical assistance (this is the 34th time) in India, including hydroelectric power, thermal power, power transmission, and power sector surveys. In addition to understanding local conditions, we have built and maintained relationships of trust with Indian government agencies, power agencies, consultants, etc. From 1990 to 2009, the West Bengal State Electricity Distribution Company Limited (WBSEDCL) hired us for consulting services on the Purulia Pumped Storage Project (an ODA loan project), and we provided technical support for planning, as well as design and construction supervision for power plant construction. Consulting services for the Turga Pumped Storage Project will be fourth time we are providing technical support for the construction of a pumped storage power plant in India.

