

## **KOTESHWAR HEP (400 MW) (UNDER OPERATION)**

Koteshwar Hydro-Electric Plant (400 MW), located 22km downstream of Tehri, is an integral part of Tehri Power Complex that comprises of Tehri Dam & HPP (1000 MW), Tehri PSP (1000 MW) and Koteshwar HEP (400 MW) built to develop Hydro-electric potential of river Bhagirathi. It facilitates the functioning of Tehri Power Complex as a major peaking station in Northern Grid, as reservoir created by Koteshwar Dam having a live storage capacity of 35 MCM functions as lower (balancing) reservoir for Tehri PSP. This plant is also regulating water releases from Tehri reservoir for irrigation and drinking purposes.

### **COMMISSIONING OF PROJECT**

All four units (Unit-I, Unit-II, Unit-III & Unit-IV) were synchronized with the Northern Grid in Mar'2011, Mar'2011, Jan'2012 & Mar'2012 respectively and are in commercial operation w.e.f. 01.04.2011, 26.10.2011, 13.02.2012 & 01.04.2012 respectively.

### **GENERATION**

Details of generation from Koteshwar HEP are as under:

S.No.	Years	Generation	
		Target (MU)	Achievement (MU)
1	2011-12	537.00	607.60
2	2012-13	1145.00	1164.05
3	2013-14	1155.00	1521.83
4	2014-15	1170.00	1210.17
5	2015-16	1080.00	1247.21
6	2016-17	1224.30	1224.54
7	2017-18	1224.86	1220.33
8	2018-19	1230.00	1223.80
9	2019-20	1186.05	1203.20
10	2020-21	1185.00	1221.45
11	2021-22	1160.08	1190.69
12	2022-23	1160.33	1255.20
13	2023-24	1160.00	1193.16
<b>Total</b>		<b>14617.62</b>	<b>15483.23</b>

Details of generation from Koteshwar HEP for the current F.Y. 2024-25 are as under:

S.No.	Quarter/ Month	Generation	
		Target (MU)	Achievement (MU)
1	Apr'24	98.70	82.84
<b>Total (up to Apr'24)</b>		<b>98.70</b>	<b>82.84</b>

Cumulative generation during F.Y.2024-25 till Apr'24 is 82.84 MU against the target of 98.70 MU and average cumulative PAF achieved is 42.62% against target of 97.93 %.

**TARIFF:**

The tariff for the period 2019-24 for Koteshwar HEP (400 MW) has been approved by Hon'ble Commission in Petition No. 244/GT/2020. Koteshwar HEP has been outsourced for operation to M/s BOMS Pvt Ltd. on 20.02.2023 for a period of two years with effect from 20.03.2023.

**COMPLETION COST:**

Govt. of India approved the implementation of Koteshwar Hydro Electric Project (4 X 100 MW) in Apr'2000 at a cost of ₹1301.56cr including IDC of ₹ 190.04cr at Oct.'1999 price level. CCEA in its meeting held on 06.03.2017 approved the Revised Cost Estimate (RCE-1) at an estimated completion cost of ₹ 2717.35cr.