

PART - III

Project: Laying/ construction of transmission line (LILO) of both circuits of **220 KV BTPS-Mehrauli at Tuglakabad** and 220 KV D/C Okhla-Tughlakabad TL by Power Grid Corporation of India

Recommendation of Conservator of Forests, Delhi

A proposal had been received from Power Grid Corporation of India Limited, a Govt. of India Enterprise, for construction of LILO of both circuit of 220 KV BTPS-Mehrauli, at Tughlakabad and 220 KV D/C Okhla-Tughlakabad Transmission Line (TL) passing through Southern Ridge.

The proposal was put up to Ridge Management Board in its meeting held on 3.8.2017 which recommended the proposal to CEC constituted by Hon'ble Supreme Court. The CEC undertook the site inspection and has forwarded the proposal to Hon'ble Supreme Court recommending the construction of the said transmission line subject to certain conditions imposed by them and clearance under FCA, 1980.

There are basically 03 projects of Power Grid Corporation viz (i) 220 KV BTPS-Mehrauli TL, (ii) 400 KV Samaypur-Bamnauli TL and (iii) 220 KV Majid Mor-Tughlakabad TL. The present proposal is regarding the first transmission line of 220 KV LILO of both circuits.

The present proposal of 220 KV BTPS-Mehrauli transmission line is 1.77 km in length and 0.21 Km of 220 KV D/C Okhla-Tughlakabad TL totaling to 1.98 Km which entirely falls in Delhi region. Therefore, a linear stretch of 1980 mtr x 35 mtr is required for laying of overhead transmission line through forest area. Since the right of way is 35 meter over the length of 1.98 km in Delhi therefore the affected area is 6.94 ha. Out of this 6.94, an area of 4.78 ha is falling in Southern Ridge while 2.16 Ha fall in morphological ridge. A total of 9 Towers are proposed to be constructed in this area. The trees proposed to be felled are 148 number in Southern Ridge and 65 number in morphological ridge totaling to 213 trees. The CEC has also stated in its report that Power Grid Corporation has agreed to limit the forest clearance to 3 mtr on either side of the right way of 35 meter for stringing purposes.

The said transmission line is a major part of Inter State Transmission System (ISTS) which is likely to import around 2000 MW from National Grid to Delhi. Moreover, the Badarpur Thermal Power Plan (BTPS) which does not meet pollution norms is to be closed but the same is linked to the establishment and commissioning of Tughlakabad sub-station with associated transmission lines including the above one in context so that power supply is not disrupted.

The construction of 220 KV BTS-Mehrauli TL (both circuit) is Government of India sponsored project for the benefit of public and the GI substation at Tughlakabad is to be commissioned by March 2018 so that the Badarpur Thermal Power Plant which is polluting the environment can to be closed down. Therefore the diversion of minimum required area as per alignment over an area of 4.78 ha in Southern Ridge and 2.16 ha in morphological ridge totaling

of 6.94 ha is recommended subject to compensatory plantation at the cost of user agency in an area of 57.33 ha in Yamuna Flood plains between Yamuna Bank metro station and railway line adjacent to Common Wealth Games Village Complex as per location map submitted by Power Grid Corporation of India and subject to other conditions stipulated by Ridge Management Board and CEC.

This area of 57.33 ha identified for CP has been given by DDA vide their letter dt. 14.7.2017 addressed to CCF Delhi for compensatory plantation against their 03 projects of Power Grid Corporation of India as mentioned in the para 3 including the present proposal of 220 KV BTPS-Mehrauli TL besides other 2 proposals of 400 KV Samaypur-Bamnauli TL and 220 KV Majid Mor – Tughalakabad TL for which FCA proposals are being submitted separately.



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