



**OFFICE OF THE EXECUTIVE ENGINEER  
OBRA 'C' CIVIL CONSTRUCTION DIVISION-IV  
OBRA THERMAL POWER STATION  
P.O.: OBRA, DISTT. SONEBHADRA  
UPRVUNL GST No. 09AAACU4749D2Z9**

**Note containing justification for locating the project in forest land**

Sonebhadra is the 2nd largest district of Uttar Pradesh, India. Sonbhadra is the only district in India which borders four states namely Madhya Pradesh, Chhattisgarh Jharkhand and Bihar. In the popular TV Show Kaun Banega Crorepati, a question rewarding 50 lacs was asked based on the fact just mentioned. The district has an area of 6788 km<sup>2</sup> and a population of 1,862,559 (2011 census), with a population density of 270 persons per km<sup>2</sup>. It lies in the extreme southeast of the state, and is bounded by Mirzapur District to the northwest, Chandauli District to the north, Kaimur and Rohtas districts of Bihar state to the northeast, Garhwa district of Jharkhand state to the east, Koriya and Surguja districts of Chhattisgarh state to the south, and Singrauli district of Madhya Pradesh state to the west. The district headquarters is in the town of Robertsganj. Sonbhadra district is an industrial zone and it has lots of minerals like bauxite, limestone, coal, gold etc. Sonbhadra is called as Energy Capital of India, because there are so many power plants.

UPRVUNL is wholly owned state thermal power utility with present generating capacity of 5474 MW, operating 4 Thermal Power Stations within Uttar Pradesh. Poised to contribute in the growth of state, we're in the process of adding further 3960 MW capacity with super critical technology to our existing fleet. Uttar Pradesh Rajya Vidyut Utpadan Nigam Limited (UPRVUNL) was constituted on dated 25.08.1980 under the Companies' Act 1956 for construction of new thermal power projects in the state sector. The first Thermal Power Station constructed by UPRVUNL was Unchahar Thermal Power Station of 2X210 MW capacity and it was transferred to NTPC on dated 13.02.1992. On dated 14.01.2000, in accordance to U.P. State Electricity Reforms Acts 1999 and operation of U.P. Electricity Reforms Transfer Scheme 2000, U.P. State Electricity Board, till then responsible for generation, transmission and distribution of power within the state of Uttar Pradesh, was unbundled and operations of the state sector thermal power stations were handed over to uprvunl. Today it is looking after operations of 4 thermal power plants located in different parts of U.P., with a total generation capacity of 5474 MW.

UP Rajya Vidyut Utpadan Nigam Ltd has envisaged the latest technologies of thermal power plants with minimum coal consumption having minimal effect on environment and producing low cost electricity for the people of Uttar Pradesh. Presently 3960MW is being added in existing installed capacity based on latest Super Critical Technology. Also 3300MW is being added in Joint Ventures with NTPC Ltd and NLC India Ltd. A total of 6225 MW (in which 2265 MW is the capacity share from Joint Ventures) of new power projects are being under construction and expected to be commissioned during the period of FY 2018-22.

The details of the under construction projects are as under:

S.No	Project	Location	Capacity Addition
1	Harduaganj Extension-II	Harduaganj, Aligarh	1X660 MW
2	Obra 'C' Extension	Obra, Sonebhadra	2X660 MW
3	Jawaharpur	Jawaharpur, Etah	2X660 MW

*Ankur Singh*





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4	Panki Extension	Panki, Kanpur	1X660 MW
Total		3960 MW	

#### JOINT VENTURES

JOINT VENTURE					
S.No	Project	Ownership	Location	Capacity	Capacity Share of UPRVUNL
1	Meja TPS	NTPC and UPRVUNL	Meja, Allahabad	2X660 MW	990 MW (75% of Installed capacity)
2	Ghatampur TPS	UPRVUNL and NLC	Ghatampur, Kanpur	3X660 MW	1275 MW (64.39% of Installed capacity)
Total			3300 MW		2265
Total Future Capacity Addition of UPRVUNL					6225 MW

#### Obra 'C' Extension TPS (2X660MW)

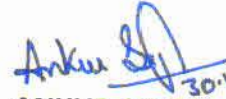
Obra 'C' Extension Thermal Power Station 2X660MW is being installed with Super Critical Technology on EPC basis by UP Rajya Vidyut Utpadan Nigam Ltd. The EPC Contract has been awarded to M/s Doosan Power Systems India Private Limited on date December 22nd, 2016. This project is located in district SONEBHADRA about 13 KM from CHOPAN railway station, about 8 KM off VARANASI-SHAKTI NAGAR road. It is about 125 KM from VARANASI, which is connected by air/rail and road route from all major cities. Obra C Thermal Power Plant will be fed by the coal from Saharpur Jamarpani Coal Block which will be developed by UPRVUNL. The bridge linkage for the project has also been awarded by the Ministry of Coal for Gap Management until the development of Saharpur Jamarpani Coal Block. Provision of FGD (Flue-Gas Desulfurization) and SCR (Selective Catalytic Reduction) has been included in the scope to meet the latest environmental norms. The scheduled completion time for Unit #1 is 48 months and Unit #2 is 52 months from the date of the award. As on date the Project is delayed and synchronization of Unit 1 and Unit 2 anticipated in March 2022 and July 2022 respectively.

For synchronisation of Obra 'C', construction of ash dyke is necessary for disposal of ash generated. For construction of ash dyke for Obra 'C' land is recognized at Village- Chanchaliya Panari Tola Guroor. The proposed area is nearer to the under construction plant i.e. Obra 'C'. The proposed land is feasible for construction of ash dyke because of following reasons:

*Ankur Singh*

1. The land is nearer to 2X660MW Obra 'C' and the construction cost will be low as compared to some other land and the same will not impose any additional financial burden to Uttar Pradesh govt.
2. The land comprises of private land, forest land and Gram samaj land. The farmers are ready to hand over their land for the said construction work and SIA study has already been completed and final report has been submitted to SLAO, Mirzapur and expert committee formation is in progress. Gram samaj land handover process is in progress and the same will be completed soon. Only 39.568 hectare forest land out of total 113.429 hectare land is taken into consideration for construction of ash dyke. The forest land is scattered in various patches and fringes and avoiding forest land in fringe will make the boundary of ash dyke highly irregular leading to significant loss of storage capacity. Thus it is not feasible to avoid the forest land.

In view of above it is apprised that forest land of 39.568 hectare may kindly be sanctioned for construction of new ash dyke for under construction 2X660MW Obra 'C' extension thermal power project.

  
30.12.21

**ANKUR SINGH**

**AUTHORISED SIGNATORY**

अधिकासी अभियन्ता  
ओबरा 'सी' जनपद निर्माण खण्ड IV  
उ० प्र० राज्य विद्युत उ० नि० लि०  
ओबरा सौनधद