

APPENDEX

(See Rule 6)

FORM-'A'

Form for seeking prior approval under section 2 of the proposals by the state

Government and other authorities

PART-1

(TO BE FILLED BY USER AGENCY)

1.	Project details:	
(i)	Short narrative of the proposal and project/ scheme for which the forest land is required.	<p>TSGENCO has taken up construction of (5x800 MW) Yadadri Thermal Power Station at Veerlapalem (V), Dameracherla (M), Nalgonda Dist to meet the power demand of Industrial, domestic and agricultural sectors of Telangana State. The Project construction works were awarded to M/s. BHEL on EPC contract system. The construction works of the project are in progress at full swing.</p> <p>Environmental Clearance for (5x800 MW) Yadadri Thermal Power Station was already accorded by MoEF & CC, Govt of India vide Letter No. J-13012/18/2015-IA.I(T), dated. 29.06.2017 and the Consent for Establishment was obtained from TSPCB vide Letter No. 10/TSPCB/CEF/RO-NLG/HO/2017, dated. 25.07.2017.</p> <p>i. Requirement of Forest land for Railway siding:</p> <p>The Annual Coal consumption for Yadadri Thermal Power Station is about 14.00 Million Tonnes per year. Coal linkage was accorded by the Ministry of Coal, Govt of India vide letter No. File No.23014/1/2018-CLD, dated. 15.02.2018 to meet the above coal requirement from M/s. SCCL coal mines. Hence, it is proposed to construct B.G. Railway line from Vishnupuram railway station (as serving station) to (5x800MW) YTPS, Veerlapalem (V), Dameracherla (M), Nalgonda Dist to receive the coal rakes. M/s. South Central Railways, Secunderabad have already accorded approval to the feasibility study report for the above railway siding vide Letter No.T.143/GNT/496, Dated.25.09.2019.</p> <p>The alignment of above railway line is passing partly through degraded forest land to an extent of 12.6203 Hectares under Rajagattu and Veerlapalem Reserve Forest Blocks, Dameracherla (M), Nalgonda Dist.</p>

ii. Requirement of Forest land for Raw water pipe line:

The water required for (5x800MW) Yadadri Thermal Power Station is 120 cusecs (i.e. 3.784 TMC per year). The permission was accorded by the Govt. of Telangana, Irrigation & CAD Department for drawl of 208 cusecs (6.60 TMC/year) of water from the river Krishna vide G.O. Ms No. 13, dated 30.01.2015 for the above project. Hence, it is proposed to take up the construction of Raw water intake structure on the bank of the river Krishna and laying of water pipe line to draw required water from the river Krishna to (5x800MW) YTPS.

Accordingly, a suitable location was identified for construction of Raw water intake structure & pump house on upstream side of Nagarjuna Sagar Tailpond dam on the river Krishna and the shortest route/alignment was finalized for laying of raw water pipe line up to the Raw water reservoir at YTPS. Part of the land required for raw water pipe line is falling in the forest land in Adavidevulapally Reserve Forest block in Adavidevulapally (M), Nalgonda Dist. The extent of forest land required for raw water pipe line is about 0.645 Ha.

The total forest land required for construction of Railway line and Raw water pipe line is about 13.2653 Hectares and the particulars of forest lands are as given below.

S.No.	Description of Item	Area in (Ha)
1	Construction of railway line including overhead electrical lines from Vishnupuram Railway Station to Yadadri Thermal Power Station	12.6203
2	Laying of Raw water pipe line	0.6450
Total area (in Ha)		13.2653

Further, an equivalent extent of non-forest land (Govt land) to an extent of 13.26 Ha for raising and maintaining the Compensatory Afforestation (CA), was identified in Sy. No. 229 under Yellapuram Village of Tirumalagiri Sagar (M) of Nalgonda District to hand over the same to the Forest department.

		<p>Accordingly, the raw data of DGPS survey (DGPS Static Points Rinex Data) along with drawings pertaining to the forest land proposed for diversion and equivalent Govt. land proposed to be handed over to Forest department for Compensatory afforestation was submitted to the PCCF (HoFF), Aranya Bhavan, Hyderabad vide Letter No. CE/C/Thermal/SE.TCD-I/EE-I/F. YTPS Forest land/ D.No.143/2021-22, Dt. 03.08.2021 for verification and authentication of the same.</p> <p>Subsequently, the PCCF (HoFF), Aranya Bhavan, Hyderabad has verified the above data and communicated its authenticity vide Letter No. RC. No. 19488/2019/FCA-4, Dated: 28.08.2021 for submission of the application for diversion of the above forest land in favour of TSGENCO to take up the above works.</p>
(ii)	Map showing the required forest land, boundary of adjoining forest on a 1:50,000 scale map.	<p>Maps showing the reserve forest area proposed for diversion and equivalent non-forest land for Compensatory Afforestation (CA) are enclosed.</p> <p>The ETS & DGPS/GNSS Survey data and maps are verified and authenticated by the Forest Department and the PCCF, Telangana State, Hyderabad has communicated the same vide R.C.No.19488/2019/FCA-4, dated:28.08.2021 of PCCF, Hyd (Copy enclosed).</p>
(iii)	Cost of the project	<p>Railway line : Rs. 448.15 Crores Raw water intake structure and pipe line : Rs. 335.73 Crores Total : Rs.783.88 Crores</p>
(iv)	Justification for locating the project in forest area	Enclosed.
(v)	Cost-benefit analysis (to be enclosed).	Enclosed as per new guide lines
(vi)	Employment likely to be generated	<p>During construction: 10000 Nos Operation phase: 4000 Nos</p>

2.	Purpose-wise break-up of the total land required.	<p>After working out various alternative alignments, the diversion of forest land to the minimum requirement is worked out. The minimum extent of Forest land required as per the shortest route/alignment for Railway line and Raw water pipe line is as follows:</p> <table border="1" data-bbox="651 369 1506 786"> <thead> <tr> <th>Sl. No.</th> <th>Name of the Component</th> <th>Name of the Division</th> <th>Name of the Reserve Forest Block</th> <th>Area in Ha.</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>Railway line</td> <td rowspan="2">Nalgonda</td> <td>Rajagattu, Veerlapalem</td> <td>12.6203</td> </tr> <tr> <td>2</td> <td>Raw water pipe line</td> <td>Adavidevula pally</td> <td>0.6450</td> </tr> <tr> <td colspan="4" style="text-align: right;">Total area in Ha</td> <td>13.2653</td> </tr> </tbody> </table>	Sl. No.	Name of the Component	Name of the Division	Name of the Reserve Forest Block	Area in Ha.	1	Railway line	Nalgonda	Rajagattu, Veerlapalem	12.6203	2	Raw water pipe line	Adavidevula pally	0.6450	Total area in Ha				13.2653
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2	Raw water pipe line		Adavidevula pally	0.6450																	
Total area in Ha				13.2653																	
3.	Details of displacement of people due to the project, if any:																				
(i)	Number of families.	Does not arise as there is no displacement of the people for the project																			
(ii)	Number of Scheduled Caste/ Scheduled Tribe families.																				
(iii)	Rehabilitation plan (To be enclosed)																				
4.	Whether clearance under Environment (Protection) Act, 1986 required? (Yes/No)	No.																			
5.	Undertaking to bear the cost of raising and maintenance of compensatory afforestation and/or penal compensatory afforestation as well as cost for protection and regeneration of Safety Zone, etc., as per the scheme prepared by the State Government	Enclosed.																			
6.	Details of Certificates/ documents enclosed as required under the	<ul style="list-style-type: none"> ❖ Justification for locating the Project inside the Forest Land ❖ Undertaking for depositing the funds towards payment of Net Present Value (NPV) and Additional NPV. 																			

	instructions.	<ul style="list-style-type: none">❖ Undertaking for depositing the funds towards raising and maintenance of Compensatory afforestation.❖ Undertaking for depositing the funds towards payment of extraction of tree growth.❖ Certificate of Area Minimum.❖ Detailed statement requirement of forest land.❖ Map in SI sheet showing the forest land❖ Certificate for non-violation of Forest (Conservation) Act, 1980 etc.
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