

ANNEXURE**(See Rule 6)****Form -A****Form for seeking prior approval under section 2 of the proposals by the State Governments and other authorities.****PART-1 (To be filed up by User Agency)**

1	Short narrative of the proposal and project/scheme for which the forest land is required.	:	The present proposal is for prior approval for diversion of 14.8906 ha of the Forest Land under F(C) Act 1980 and W(P) Act, 1972 for the purpose of Erection of 220 KV DC LINE (in Forest Areas) from the proposed 143 MW Solar Power Plant at Kanakal (V) to the Existing 400/220 KV SS Dichipally, Nizamabad (Dist). Out of this, length of the line passing through the forest is 14.8906 Ha (4254.443 m) in CHANDRAYANPA Block in INDALWAI RF of Kamareddy Forest Division and the 220 KV DC line requires forest width of 35 m. Hence, the forest areas proposed for diversion is 14.8906 ha in Kamareddy Division.
(i)	Map showing the required forest land, boundary of adjoining forest on a 1:50,000 scale map.	:	Map showing the reserve forest and adjacent forest is enclosed. The ETS & DGPS/GNSS Survey data map authenticated by the Forest Department enclosed.
(iii)	Cost of the project	:	Rs 1000 Crores approx.
(iv)	Justification for locating the project in forest area	:	<p>At present TSTRANSCO transmitting power from power plants and various sub-stations to various consumers, DISCOMS at 132KV, 220KV & 400KV level voltages depend upon the capacity of generation of power plants and requirement by consumer. The Telangana State Government has taken decision to supply the power to the people of Telangana uninterruptedly. Accordingly, establishment of new power generation stations and lying of new power lines have been proposed and approved. One of the important approved Solar power generation plants is Renew Solar Energy (Telangana) Private Limited with Capacity of 143 MW is approved at SS Dichipally in Nizamabad District.</p> <p>This power has to be transmitted at 220 KV level only (as per norms) to the Grid for further distribution. For this, it is proposed to connect 400/220 KV Existing Substation at Dichipally for transmitting the power at 220KV level to the grid by constructing Solar Power Plant. Uninterrupted power supply and to meet the loads in Telangana State.</p> <p>Duly considering the above facts, the proposed 220 KV DC line from the proposed 143 MW Solar Power Plant at Kanakal, Kamareddy Division to the Existing 400/220 KV at SS Dichipally of Nizamabad (Dist), which is of Bee line length of 34Km. But as Bee line is passing completely through forest it is proposed to avoid the forest of about 4254.443 m. It is a well-known fact that the power losses will be more at low voltages and for long distances</p>

		also. The details of forest area required are as follows:																								
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(v)	Cost-benefit analysis (to be enclosed)	: Annexure Enclosed																								
(vi)	Employment likely to be generated	: During construction of this project 300 persons will get benefited, after completion of the project 20 No. of regular shift required for maintenance works																								
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 proposed 220 KV DC line from the proposed 143 MW Solar Power Plant At Kanakal (V), Kamareddy Division to the Existing 400/220 KV at SS Dichipally of Nizamabad (Dist),</p> <table border="1"> <thead> <tr> <th>SE T</th> <th>DIVISION</th> <th>BLOCK</th> <th>LENGTH M</th> <th>WID TH</th> <th>AREA_H A</th> </tr> </thead> <tbody> <tr> <td>1</td> <td>KAMAREDDY</td> <td>CHANDRA IPALLI</td> <td>2333.7890</td> <td>35.0</td> <td>8.168262</td> </tr> <tr> <td>2</td> <td>KAMAREDDY</td> <td>CHANDRA IPALLI</td> <td>1920.6540</td> <td>35.0</td> <td>6.722289</td> </tr> <tr> <td></td> <td></td> <td></td> <td>4254.443</td> <td></td> <td>14.8906</td> </tr> </tbody> </table>	SE T	DIVISION	BLOCK	LENGTH M	WID TH	AREA_H A	1	KAMAREDDY	CHANDRA IPALLI	2333.7890	35.0	8.168262	2	KAMAREDDY	CHANDRA IPALLI	1920.6540	35.0	6.722289				4254.443		14.8906
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3	Details of displacement of people due to the Project, if any	:																								
(i)	Number of families	:																								
(ii)	Number of scheduled casts/ Scheduled Tribe Families	: Does not arise as there are no displacement of the people for the project																								
4	Whether clearance under Environment (Protection) Act.1986 required (Yes/No)	: Doesn't arise.																								
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 instructions	<ul style="list-style-type: none"> ❖ Justification for locating the Project inside the Forest Land ❖ Undertaking for depositing the funds towards raising and maintenance of Compensatory afforestation. ❖ Undertaking for depositing the funds towards payment of Net Present Value (NPV) and Additional NPV ❖ 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 ❖ ETS & DGPS/GNSS survey data for forest land proposed for diversion ❖ Certificate for non-violation of Forest (Conservation) Act, 1980 etc

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Chief Engineer

TSTRANSCO, Warangal Zone

Chief Engineer
WARANGAL ZONE
TRANSCO, WARANGAL.