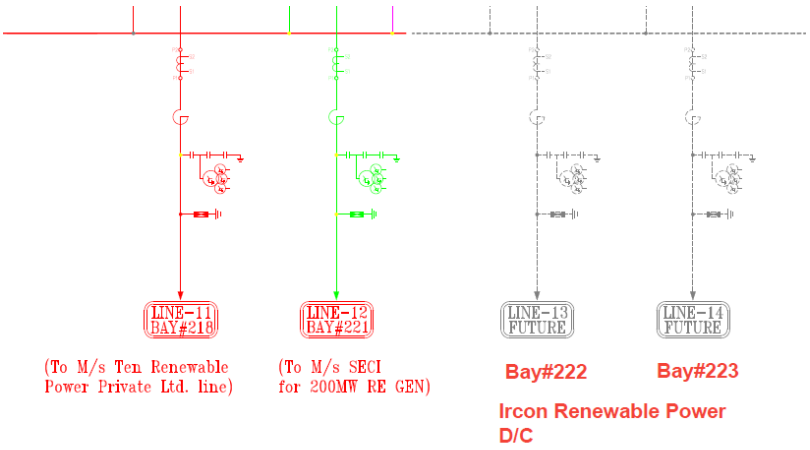
Annexure – L to Section – VII(B)

220 kV Transmission Line Right of Way

CTU has allotted 220 kV bays at Pavagada ISTS substation in the following order:



220kV Bay Allocation	
Bay No	**Developer**
218	Project Ten Renewable Power Pvt Ltd
221	SECI for 200MW RE GEN.
222	IRCON Renewable Power Ltd.
223	IRCON Renewable Power Ltd.

As per CTU's connectivity procedure of clause 6 "Considering *Right-of-Way near substation for termination of number of 400/ 220kV dedicated transmission lines, the connectivity grantees may coordinate among themselves for implementation of 400/ 220kV lines (as applicable) through multi circuit tower near the substation entry for about 2-3 kms stretches*".

The execution of bay no. 218 is being carried out by Project Ten Renewable Power Private Limited (PTRPPL), a Special Purpose Vehicle of Ayana Renewable Power Private Limited (ARPPL). The execution of bay no. 222 and 223 is being carried out by IRCON Renewable Power Limited (IRPL), a Joint Venture between IRCON International Limited (IIL) and Ayana Renewable Power Private Limited (ARPPL). In order to implement 220 kV multi-circuit towers near the ISTS substation, SECI, in discussion with IRPL and ARPPL, proposes the following arrangement.

Multi-circuit towers for about 4 km (AP4 to AP15) and double-circuit tower at AP17 as shown in Figure 1 will be constructed by IRPL. Stringing of conductors and OPGW from double-circuit tower at AP17 to bay no. 221 shall be in the scope of BoS Contractor. Shutdown of other circuits of shared multi-circuit/double-circuit towers for stringing and/or hot line stringing at the shared multi-circuit/double-circuit towers shall also be the responsibility of the BoS Contractor. Construction of 220 kV double-circuit transmission line from Solar Plant Pooling Substation till AP4 including Right of Way shall be in the scope of BoS Contractor.

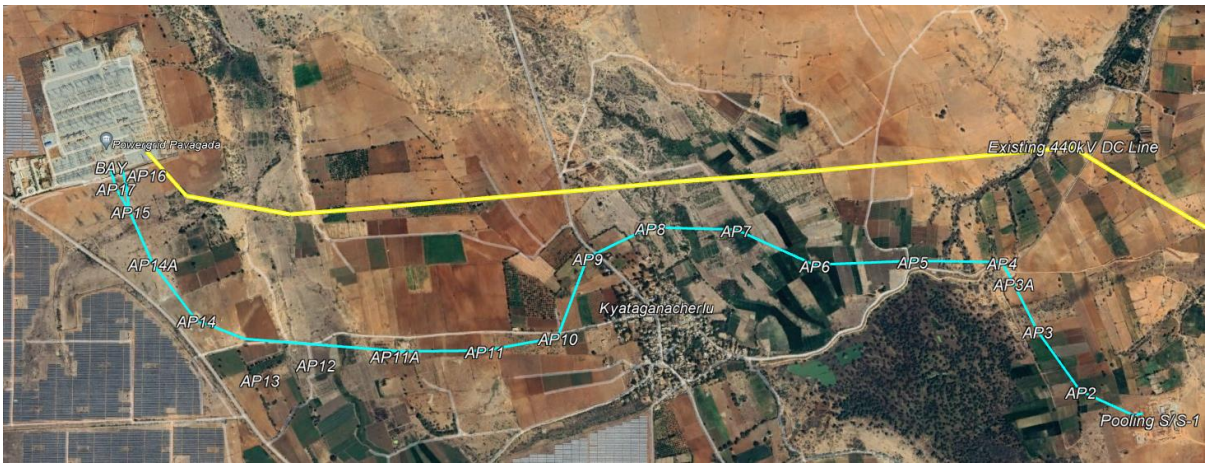


Figure 1: Tentative multi-circuit transmission line route

KMZ file of Figure 1 is attached in the following link.

https://drive.google.com/file/d/10d2UvmFhNiXVdxkpiXvdftL_UhYvi6Nn/view?usp=sharing

Tentative multi-circuit transmission tower schedule is shown in Figure 2.

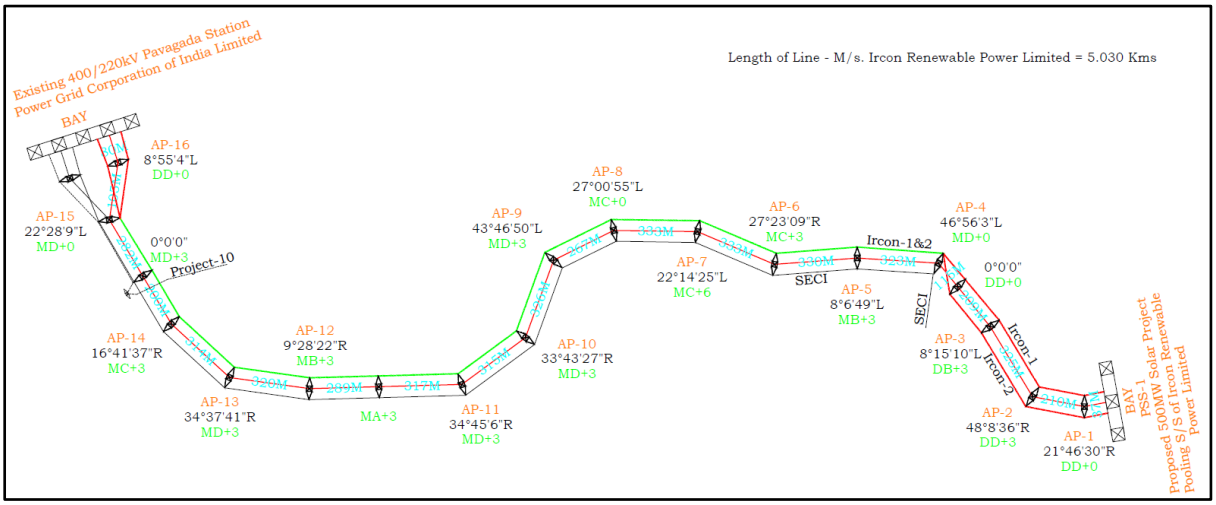


Figure 2: Tentative multi-circuit transmission tower schedule