

**SCOPE OF WORKS FOR**

**COMPREHENSIVE SCHEME FOR STRENGTHENING OF TRANSMISSION & DISTRIBUTION  
SYSTEM IN ARUNACHAL PRADESH**

**ARUNACHAL PRADESH - REVISED DPR**

**PART-II - DISTRIBUTION SYSTEM**

Sl No	Name of SS (proposed)	Scope of 33 kV Bay at feeding S/s			Scope of 33 kV Bay at Destination	Capacity (MVA)	No of 11 kV O/G Feeder	33 kV feeder length (KM)	Conductor type/Circuit No	Feeding GSS/PSS
		(under Distribution)	(under ST Section)	(under DISCOM/Ex isting)						
1.00	Halaipani (P)	-	-	-	-	2x2.5	2.00	-	-	in campus of Halaipani GSS (P)
2.00	Hawai (P)	-	1.00	-	2.00	2x2.5	2.00	30.00	S/C	Halaipani GSS (P)
3.00	Wailong (P)	-	-	-	1.00	2x2.5	2.00	50.00	S/C	Hawai(P)
4.00	Changlang(P)	-	-	-	-	2x5	4.00	-	-	in campus of Changlang GSS (P)
5.00	Diyun(P)	-	2.00	-	2.00	2x2.5	2.00	45.00	S/C	Miao GSS(P)
6.00	Kharsang(P)	-	1.00	-	1.00	2x2.5	2.00	40.00	S/C	Miao GSS(P)
7.00	Khensiyang(P)	-	1.00	-	1.00	2x2.5	2.00	40.00	S/C	Changlang GSS (P)
8.00	Manmao(P)	-	1.00	-	1.00	2x2.5	2.00	25.00	S/C	Jairam Pur GSS(P)
9.00	Anini(P)	-	1.00	-	1.00	2x2.5	2.00	-	-	Roing GSS(U/C)
10.00	Etalin(P)	-	-	-	2.00	2x2.5	2.00	-	-	LULO
11.00	Bana(P)	-	-	-	2.00	2x2.5	2.00	2.00	D/C	LULO
12.00	Sejosa(P)	-	-	-	-	2x5	4.00	-	-	in campus of Sejosa GSS(P)
13.00	Rilo(P)	-	-	-	-	2x2.5	2.00	-	-	in campus of Rilo GSS(P)
14.00	Khenwa(P)	1.00	-	-	1.00	2x2.5	2.00	25.00	S/C	Rameng(E)
15.00	Pipu(P)	-	1.00	-	1.00	2x2.5	2.00	30.00	S/C	Seppa GSS(P)
16.00	Koreng(P)	-	-	-	4.00	2x2.5	2.00	23.00	D/C	LULO of Passighat-Along 33 kV line-5km
17.00	Boleng(P)	1.00	-	-	5.00	2x2.5	2.00	43.00	S/C - 35 & 5 km U/C	LULO of existing Gengging - Along 33 kV line
18.00	Mebo(P)	-	-	1.00	2.00	2x5	4.00	10.00	S/C	Passighat GSS (E)
19.00	Ngopok(P)	-	-	-	1.00	2x2.5	2.00	30.00	S/C	Mebo (P)
20.00	A/R, Passighat(P)	-	-	-	1.00	2x2.5	2.00	7.00	S/C	Napit (P)
21.00	Oyan (P)	-	1.00	-	2.00	2x2.5	2.00	25.00	S/C	Passighat GSS (P)
22.00	Kayu (P)	-	2.00	1.00	3.00	2x2.5	2.00	77.00	S/C	Rina HEP & Igo (P)
23.00	Napit (P)	-	1.00	-	2.00	2x5	4.00	2.00	S/C	Passighat GSS (P)
24.00	Nari (P)	-	1.00	-	1.00	2x2.5	2.00	40.00	S/C	Niglok GSS (P)
25.00	Ruksin (P)	-	1.00	-	2.00	2x2.5	2.00	25.00	S/C	Oyan (P)
26.00	Tali (P)	-	1.00	-	1.00	2x2.5	2.00	60.00	S/C	Palin GSS (P)
27.00	Nyapin (P)	1.00	-	-	1.00	2x2.5	2.00	30.00	S/C	Sangram PSS (E)
28.00	Choukham (P)	-	1.00	-	1.00	2x5	4.00	25.00	S/C	Namsai GSS( U/C ) by PowerGrid
29.00	Namsai (P)	-	1.00	-	1.00	2x5	4.00	10.00	S/C	Namsai GSS( U/C ) by PowerGrid
30.00	Bijari (P)	-	1.00	-	1.00	2x2.5	2.00	45.00	S/C	Dambuk GPP(P)
31.00	Bolung (P)	-	1.00	-	1.00	2x2.5	2.00	30.00	S/C	Roing GPP(U/C)
32.00	Hapoli (P)	-	1.00	-	1.00	2x5	4.00	8.00	S/C	New Ziro GSS(P)
33.00	Yazali (P)	-	1.00	-	1.00	2x5	4.00	35.00	S/C	New Ziro GSS(P)
34.00	Raga (P)	-	-	1.00	1.00	2x2.5	2.00	15.00	S/C	Tamin(E)
35.00	Gerukamukh (P)	-	-	-	-	2x2.5	2.00	-	0.00	in campus of Gerukamukh GSS(P)
36.00	AP Secretariate	-	-	1.00	1.00	2x2.5	4.00	9.00	S/C	Chimpu GSS(E)
37.00	Raj Bhawan	-	-	1.00	1.00	2x5	4.00	8.00	S/C	Chimpu GSS(E)
38.00	Gohpur Tinali (P)	-	-	1.00	2.00	2x2.5	2.00	5.00	S/C	Chimpu GSS(E)
39.00	Jolo (P)	-	-	-	1.00	2x5	4.00	22.00	S/C	Gohpur Tinali (P)
40.00	Poppu Nallah (P)	-	1.00	-	1.00	2x5	4.00	10.00	S/C	Nahrlagun GSS(P)
41.00	Dolmukh (P)	-	1.00	-	1.00	2x5	4.00	10.00	S/C	Nahrlagun GSS(P)
42.00	Leporiang (P)	-	-	1.00	1.00	2x2.5	2.00	28.00	S/C	Sagali (E)
43.00	Klimtao(Bumla) (P)	-	-	1.00	1.00	2x2.5	2.00	40.00	S/C	Tawang GSS (U/C) by DOP
44.00	Thimbu (P)	1.00	-	-	1.00	2x2.5	2.00	45.00	S/C	Jang PSS(E)
45.00	Mukta (P)	1.00	-	-	1.00	2x2.5	2.00	20.00	S/C	Jang PSS(E)

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**ARUNACHAL PRADESH - REVISED DPR**

**PART-II - DISTRIBUTION SYSTEM**

Sl No	Name of SS (proposed)	Scope of 33 kV Bay at feeding S/s			Scope of 33 kV Bay at Destination (under Distribution)	Capacity (MVA)	No of 11 kV O/G Feeder	33 kV feeder length (KM)	Conductor type/Circuit No	Feeding GSS/PSS
		(under Distribution)	(under ST Section)	(under DISCOM/Existing)						
46.00	Lumla (P)	-	-	-	1.00	2x2.5	2.00	-	-	Tawang GSS (U/C) by DOP
47.00	Deomali (P)	-	-	-	1.00	2x5	4.00	-	-	Replacement of existing 2x1.6 MVA transformer and other switchgear as required ALL EXCEPT LINE IS REQD.
48.00	Kanubari (P)	1.00	-	-	1.00	2x2.5	2.00	50.00	S/C	Deomali GSS (E)
49.00	Khonsa (P)	-	-	-	-	2x5	4.00	-	-	in campus of Khonsa GSS(P)
50.00	Longding (P)	-	1.00	-	1.00	2x2.5	2.00	45.00	S/C	Khonsa GSS(P)
51.00	Geku (P)	-	1.00	-	1.00	2x2.5	2.00	45.00	S/C	Yingkyong GSS(P)
52.00	Joyng (P)	1.00	-	-	1.00	2x2.5	2.00	40.00	S/C	old 132/33 passighat s/s
53.00	Tuling (P)	-	1.00	-	1.00	2x2.5	2.00	-	-	Yingkyong GSS(P)
54.00	Maryang (P)	-	1.00	-	1.00	2x2.5	2.00	35.00	S/C	Yingkyong GSS(P)
55.00	Jengging (P)	-	1.00	-	1.00	2x2.5	2.00	30.00	S/C	Yingkyong GSS(P)
56.00	Maro (P)	-	-	1.00	1.00	2x2.5	2.00	45.00	S/C	Daporijo GSS (E)
57.00	Sippi (P)	-	-	1.00	3.00	2x2.5	2.00	18.00	S/C	Daporijo GSS (E)
58.00	Thalia (P)	-	-	-	1.00	2x2.5	2.00	35.00	S/C	Sippi (P)
59.00	Giba (P)	-	-	-	1.00	2x2.5	2.00	30.00	S/C	Sippi (P)
60.00	Nacho (P)	-	-	1.00	1.00	2x2.5	2.00	0.00	-	Daporijo GSS (E)
61.00	Murmugli (P)	-	-	1.00	1.00	2x2.5	2.00	30.00	S/C	Daporijo GSS (E)
62.00	Thiziono (P)	1.00	-	-	1.00	2x2.5	2.00	50.00	S/C	Klucci PSS(E)
63.00	Bolemu (P)	-	-	1.00	1.00	2x2.5	2.00	60.00	S/C	Tenzing Gaon GSS(P) by DoP
64.00	Mechuka (P)	-	-	-	-	2x2.5	2.00	-	-	in campus of Mechuka GSS (P) (charged at 33 kv)
65.00	Tirbin (P)	1.00	1.00	-	2.00	2x2.5	2.00	47.00	S/C	Basar GSS(P)
66.00	Likabali (P)	-	-	-	-	2x2.5	2.00	-	-	In campus of Lihabali GSS(P)
67.00	Kaying (P)	-	1.00	-	1.00	2x2.5	2.00	40.00	S/C	Kambang GSS(P)
68.00	Gensi (P)	1.00	-	-	1.00	2x2.5	2.00	35.00	S/C	Igo (P)
69.00	Rumgong (P)	1.00	-	-	1.00	2x2.5	2.00	25.00	S/C	Along GSS(E)
70.00	Igo (P)	2.00	1.00	-	4.00	2x2.5	2.00	152.00	S/C	Basar GSS(E)

**Details of Substation where Transformer Capacity Augmentation is proposed**

Sl No	Name of existing SS	Type	Bay at feeding S/s	Bay at feeding S/s	Bay at feeding S/s	Bay at Destination	Trf Capacity Addition	33 kV feeder	Trf Capacity Replacement	Feeding GSS
									Replaced Capacity	
1.00	Roing PSS (E)		-	-	-	-	-	-	2x5	
2.00	Tazu PSS (E)		-	2.00	-	2.00	1x5	10.00	D/C	102 MW Tandu s/s under construction by PGCIL
3.00	Miao PSS (E)		-	-	-	-	2x2.5	-	-	
4.00	Simari PSS (E)		-	2.00	-	2.00	2x5	7.00	D/C	102 MW Tandu s/s under construction by PGCIL
5.00	Warko PSS (E)		-	1.00	-	1.00	2x5	15.00	S/C	132/33 kv Tandu s/s under construction by PGCIL
6.00	Hayuliang PSS (E)		-	1.00	-	1.00	2x2.5	35.00	S/C	proposed 132/33 kv Haldipant S/s