



**Govt. of India  
Ministry of Power  
Central Electricity Authority  
New Delhi**

**Monthly Progress Report of Central Funded  
Schemes (Oct'2023)**

(Published in fulfilment of CEA's obligation under section 73(i) & (j) of the Electricity Act, 2003)

- (1) North-Eastern Region Power System Improvement Project (NERPSIP)**
- (2) Comprehensive Scheme of Transmission & Distribution System in Arunachal Pradesh & Sikkim**
- (3) 220kV Transmission System from Alusteng (Srinagar) to Leh (via Drass, Kargil, Khalsti and Leh Sub-station in Jammu & Kashmir (J&K))**
- (4) Prime Minister Development Package (PMDP)-2015**
- (5) Prime Minister's Reconstruction Plan (PMRP)-2004**

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# **1. North-Eastern Region Power System Improvement Project (NERPSIP)**

## **Background**

Implementation of this project (as central Sector Scheme, with funding on 50:50 basis by Gol & World Bank) would strengthen the Intra-State transmission & Distribution infrastructure of six states of North Eastern Region (Assam, Meghalaya, Manipur, Mizoram, Nagaland and Tripura); improve its connectivity to the upcoming load centers, and thus would extend the benefits of the grid-connected power to all the consumers. The project would also provide the required grid connectivity to such villages and towns of the States, where development of distribution system at the downstream level has been taking place under Gol sponsored RGGVY/ APDRP/ R-APDRP schemes. NERPSIP covers many transmission & distribution lines & sub-stations at 33 kV, 66 kV, 132 kV and 220 kV voltage levels.

## **General Details**

Date of Govt. approval	: December 2014
Implementing Agency	: PGCIL
Sanctioned Cost (Rs. crs)	: Rs. 5111.33 Cr. (at Feb, 2014 price level)
RCE	: Rs. 6700.00 Cr. (Approved in Dec'20)
Funding	: 50:50 (Govt. of India: World Bank)
Completion schedule	: December 2018 (48 months from date of release of 1 <sup>st</sup> installment)
Anticipated Schedule	: December 2024

## Summary

<b>Total Elements</b>	<b>446 Nos.</b>
<b>Transmission &amp; Distribution lines</b>	<b>194 Nos.</b>
<b>Total Substations (New &amp; Augmentation)</b>	<b>252 Nos. (New: 118 Nos.; Augmentation: 134 Nos.)</b>
<b>Line length</b>	<b>4129.6 ckm</b>
<b>Total MVA capacity</b>	<b>5699.27 MVA</b>
<b>Elements Completed till Oct'23</b>	<b>431 Nos.</b>

### Details of State wise Infrastructure :

States	Line Length (ckm)			New Substations (Nos.)			Total MVA (New & Augmentation)		
	Trans	Dist	Total	Trans	Dist	Total	Trans	Dist	Total
Assam	383	479	862	11	16	27	1615.3	240	1855.32
Manipur	310	131	441	2	13	15	139.18	240.1	379.28
Meghalaya	416	263	679	3	11	14	940	135	1075
Mizoram	144	5.1	149.1	3	1	4	108.32	6.3	114.62
Nagaland	344	76.5	420.5	5	10	15	245	190	435
Tripura	482	1096	1578	9	34	43	1389.5	450.55	1840.05
<b>Total</b>	<b>2079</b>	<b>2050.6</b>	<b>4129.6</b>	<b>33</b>	<b>85</b>	<b>118</b>	<b>4437.3</b>	<b>1261.95</b>	<b>5699.27</b>

### Element wise progress:

State	Total Elements Sanctioned (Nos.)	Elements Completed (Nos.)
<b>Assam</b>	<b>116</b>	<b>115</b>
<b>Manipur</b>	<b>71</b>	<b>68</b>
<b>Meghalaya</b>	<b>41</b>	<b>40</b>
<b>Nagaland</b>	<b>56</b>	<b>54</b>
<b>Mizoram</b>	<b>11</b>	<b>10</b>
<b>Tripura</b>	<b>151</b>	<b>144</b>
<b>TOTAL</b>	<b>446</b>	<b>431</b>

State	Transmission lines (in Nos.)							
	Total Lines		220kV		132kV		33kV	
	Total	Comp.	Total	Comp.	Total	Comp.	Total	Comp.
Assam	56	55	3	2	11	11	42	42
Manipur	19	19	0	0	6	6	13	13
Meghalaya	20	19	1	0	2	2	17	17
Nagaland	18	18	1	1	6	6	11	11
Mizoram	5	4	0	0	4	3	1	1
Tripura	76	74	0	0	14	13	62	61
<b>Total</b>	<b>194</b>	<b>189</b>	<b>5</b>	<b>3</b>	<b>43</b>	<b>41</b>	<b>146</b>	<b>145</b>

State	New substation or Augmentation work (in Nos.)							
	Total SS & extn/Aug.		220kV		132kV		33kV	
	Total	Comp.	Total	Comp.	Total	Comp.	Total	Comp.
Assam	60	60	5	5	14	14	41	41
Manipur	52	49	0	0	10	9	42	40
Meghalaya	21	21	3	3	3	3	15	15
Nagaland	38	36	1	1	9	7	28	28
Mizoram	6	6	0	0	4	4	2	2
Tripura	75	70	0	0	16	15	59	55
<b>Total</b>	<b>252</b>	<b>242</b>	<b>9</b>	<b>9</b>	<b>56</b>	<b>52</b>	<b>187</b>	<b>181</b>

## Details of packages:

State	Packages (Nos.)						
	Transmission Lines	Substations	Distribution Systems	Transformers	Pile Works for Transmission Lines	Telecom Equipment	Total
<b>Assam</b>	5 (TW-02, TW-04, TW-05, TW-07*, OPGW live line stringing package)	4 (SS-01 to SS-04)	4 (DMS-01 to DMS-04)	1 (Transformer)	1 (Pile)		15
<b>Meghalaya</b>	2 (TW-01, TW-02)	2 (SS-01, SS-02)	3 (DMS-01 to DMS-03)				7
<b>Manipur</b>	Clubbed with Nagaland TW-06	3 (SS-01 to SS-03)	4 (DMS-01 to DMS-04)				7
<b>Mizoram</b>	1 (TW-01)	2 (SS-01, SS-02)					3
<b>Nagaland</b>	3 (TW-01, TW-05, TW-06)	4 (SS-01 to SS-04)	4 (DMS-01 to DMS-04)			1 (Telecom Equip.)	12
<b>Tripura</b>	3 (TW-01 to TW-03)	3 (SS-01 to SS-03)	5 (DMS-01 to DMS-05)				11

\*ASM-TW-07 (Transmission Line Package) awarded to M/s Simplex was terminated in Sep'20 due to non-performance of the agency. Package is re-awarded to M/s KEC in Jan'21.

## **STATE WISE PROGRESS**

### **ASSAM**

**Total no. of Packages: 15**

**No. of Awarded Packages: 15**

Sl. No	Packages	Description	Remarks
1	5 (TW-02, TW-04, TW-05, TW-07, OPGW live line stringing pkg)	Transmission Lines	All awarded
2	4 (SS-01 to SS-04)	Sub-stations	All awarded
3	4 (DMS-01 to DMS-04)	Distribution system	All awarded
4	1 (Transformer)	Transformers	Awarded
5	1 (Pile)	Pile work for TL	Completed

### **Progress:**

SI No.	Package/ Date of NOA	Name of Agency	Name of Line/Substation	Sch./Ant. Comp.	Status
1	TW-02 10.10.17	Power Mech	Tinsukia – Behiating (new Dibrugarh) 220 kV D/C line	Mar'20	Completed in Feb'23
2	TW-04 08.09.17	Teems India	Dhemaji – Silapathar 132 kV S/c on D/c line	Feb'20	Completed in Dec'21
3	TW-05 01.09.17	RCC & Power Mech	Rupai – Chapakhowa 132 kV S/c on D/c line	Feb'20	Completed in Mar'21
4	TW-07 30.05.18/ 15.01.21	Simplex /KEC	LILO of one circuit of Rangia – Rowta 132 kV D/c line at Tangla	Jan'20	Completed in Jan'22
5			Amingaon – Hazo 132 kV D/c line	Jan'20	Completed in Dec'22
6			LILO of Kamalpur – Sishugram 132kV S/c line at Amingaon 220/132kV S/s	Jan'20	Completed in Mar'22
7			LILO of Kamalpur – Kamakhya 132kV S/c line at Amingaon 220/132kV S/s	Jan'20	Completed in Mar'22

SI No.	Package/ Date of NOA	Name of Agency	Name of Line/Substation	Sch./Ant. Comp.	Status
8			LILO of Golaghat – Bokajan 132 kV S/c line at Sarupathar	Jan'20	Completed in Mar'21
9			Sonabil – Tezpur (New) 132 kV D/c line	Jan'20	Completed in Feb'22
10			LILO of Jorhat (Gormur) – Nazira 132 kV S/c on D/c at Teok	Jan'20	Completed in Feb'21
11			Rangia – Amingaon 220 kV D/C line	Jan'20/ Nov'23	Line Length: 28 km Tower Locations: 107 Foundation completed : 107 Tower Erected:107 Stringing completed : 27.1 km
			Critical Issues (If any): Severe RoW Issues resolved recently. Stringing under progress.		
12	SS-01 12.08.16	Neccon	2x31.5 MVA, 132/33 kV new sub-station at Silapathar	Apr'19	Completed in Mar'22
13			2x50 MVA, 132/33 kV new sub-station at Tezpur (New)	Apr'19	Completed in Feb'21
14			Augmentation of Samaguri sub-station by replacing existing 200/132 kV, 2x50 MVA transformers by 200/132kV, 2x160 MVA transformers and installation of 132/33kV, 50MVA transformer.	Apr'19	1 No. 220/132 KV, 160 MVA transformer successfully charged in Nov'2018; 1 No. 132/33kV, 50MVA transformer charged in Aug'19; 1 No. 220/132 KV, 160 MVA transformer successfully charged in June'20.
15			132kV Dhemaji (Extension) Substation	Apr'19	Completed in Mar'19



SI No.	Package/ Date of NOA	Name of Agency	Name of Line/Substation	Sch./Ant. Comp.	Status
16			132kV Sonabali (Extension) Substation	Apr'19	Completed in Mar'19
17	SS-02 12.08.16	Neccon	2x31.5 MVA, 132/33 kV new Sub-station at Teok	Apr'19	Completed in Feb'21
18			2x100 MVA, 220/132 kV substation at Behiating (New Dibrugarh)	Apr'19	Completed in Jan'22
19			2x31.5 MVA, 132/33 kV new sub-station at Sarupathar	Apr'19	Completed in July'21
20			2x31.5 MVA, 132/33 kV new sub-station at Chapakhowa	Apr'19	Completed in Mar'21
21			220kV Tinsukia (Extension) Substation	Apr'19	Completed in Sep'21
22			132kV Rupai (Extension) Substation	Apr'19	Completed in Sep'20
23	SS-03 12.08.16	Neccon	2x31.5 MVA, 132/33 kV new sub-station at Tangla	Apr'19	Completed in Aug'21
24			2x31.5 MVA, 132/33 kV new sub-station at Hazo	Apr'19	Completed in Dec'21
25			220kV Rangia (Extension) Substation	Apr'19	Completed in March'19
26			132kV Kahilipara (Extension) Substation	Apr'19	Completed in April'19
27			Augmentation of Dhaligaon 132/33 kV sub-station by replacing existing 2x25 MVA transformer by 2x50MVA transformer	Apr'19	Transformer 1: charged in Jan'19. Transformer 2: charged in Oct'20.
28	SS-04 06.05.16	Techno & Seiyuan	2x50 MVA, 132/33 kV new sub-station at Paltan Bazar (GIS)	Feb'19	Completed in Sep'21
29			50 MVA, 132/33 kV new sub-station at Guwahati Medical College (GIS)	Feb'19	Completed in Mar'21

SI No.	Package/ Date of NOA	Name of Agency	Name of Line/Substation	Sch./Ant. Comp.	Status
30			2x160 MVA, 220/132 kV GIS at Amingaon	Feb'19	Completed in Feb'22.
31			Kamakhya – Paltan Bazar 132 kV S/C Underground Cable	Feb'19	Completed in March'23
32			220kV Underground cable from Amingaon to Rangia (2 km)	Feb'19	Completed in March'23
33			132kV Underground cable from GMCH to Kahilipara (6.4 km)	Jan'20	Completed in July'23
34	DMS-01 20.10.16	Neccon	132/33kV Silapathar (New) S/s to 33/11 kV Silapathar-II (New) S/s	Apr'19	Completed in Nov'21
35			LILO of existing 33 kV Silapathar-Jonai line at 132/33 kV Silapathar new S/	Apr'19	Completed in Mar'21
36			Existing 132/33kV Samaguri S/s to 33/11kV Hathimurah-2 (New)S/s-	Apr'19	Completed in Jun'20
37			132/33kV Tezpur (New) S/s to 33/11kV LGM hospital (New)S/s -	Apr'19	Completed in Feb'21
38			132/33kV Tezpur (New) S/s to 33/11kV Parowa Existing S/s-	Apr'19	Completed in Oct'20.
39			132/33kV Tezpur (New) S/s to 3/11kV Dolabari Existing S/s-	Apr'19	Completed in Feb'21
40			Existing Shankardeo nagar to 33/11kV Mailo (New)S/s	Apr'19	Completed in Jun'21
41			2X5 MVA, 33/11kV new sub-station at Silapathar-II	Apr'19	Completed in May'22

SI No.	Package/ Date of NOA	Name of Agency	Name of Line/Substation	Sch./Ant. Comp.	Status
42			2X5 MVA, 33/11kV at Hathimurah-2	Apr'19	Completed in Oct'19
43			2X5 MVA, 33/11kV new sub-station at Mailo	Apr'19	Completed in Feb'21
44			2X10 MVA, 33/11kV new sub-station at LGM hospital	Apr'19	Completed in Oct'20
45			Extension of Parowa S/s	Apr'19	Completed in Dec'19
46			Extension of Dolabari S/s	Apr'19	Completed in Oct'20.
47			Extension of Samguri S/s	Apr'19	Completed in July'19
48			Extn. of Shankardev nagar existing S/s	Apr'19	Completed in Aug'19
49			Extn. of Silapatahar existing S/s	Apr'19	Completed in June'19
50	DMS-02 23.12.16	S&W	220/132kV Behiating (New) S/s to 33/11kV Bogibil (New) S/s	Dec'18	Completed in Mar'21
51			220/132kV Behiating (New) S/s to 33/11kV Dibrugarh (New) S/s	Dec'18	Completed in Mar'21
52			132/33kV Existing Dibrugarh S/s to 33/11kV Romai (New) S/s	Dec'18	Completed in Dec'21
53			132/33kV Chapakhowa (New) S/s to 33/11kV Chapakhowa existing S/s	Dec'18	Completed in Jun'20

SI No.	Package/ Date of NOA	Name of Agency	Name of Line/Substation	Sch./Ant. Comp.	Status
54			132/33kV Sarupathar (New) S/s to Barapathar Existing 33/11kV S/s	Dec'18	Completed in Dec'20
55			132/33kV Sarupathar (New) S/s to Sarupathar Existing 33/11kV S/s	Dec'18	Completed in Dec'20
56			132/33kV Sarupathar (New) S/s to Sariajhan Existing 33/11kV S/s	Dec'18	Completed in Nov'21
57			132/33kV Teok (New) S/s to Teok Existing 33/11kV S/s	Dec'18	Completed in Dec'20
58			132/33kV Teok (New) S/s to Kakojaan Existing 33/11kV S/s	Dec'18	Completed in Dec'21
59			132/33kV Teok (New) S/s to Zangi Existing 33/11kV S/s	Dec'18	Completed in Feb'21
60			132/33kV Teok (New) S/s to Amguri Existing 33/11kV S/s	Dec'18	Completed in Sep'21
61			2X10 MVA, 33/11kV new sub-station at Romai	Dec'18	Completed in Nov'20
62			2X5 MVA, 33/11kV new sub-station at Bogibil	Dec'18	Completed in Feb'20.
63			2X10 MVA, 33/11kV new sub-station at Dibrugarh	Dec'18	Completed in Aug'20
64			Extn. of Dibrugarh 132/33kV S/s	Dec'18	Completed in June'19
65			Extn. of Chapakhowa 33/11kV S/s	Dec'18	Completed in June'19
66			Extn. of Barapathar 33/11kV S/s	Dec'18	Completed in June'19
67			Extn. of Sarupathar 33/11kV S/s	Dec'18	Completed in July'19

SI No.	Package/ Date of NOA	Name of Agency	Name of Line/Substation	Sch./Ant. Comp.	Status
68			Extn. of Sariajhan 33/11kV S/s	Dec'18	Completed in Oct'20
69			Extn. of Teok 33/11kV S/s	Dec'18	Completed in Sept'19
70			Extn. of Kakojaan 33/11kV S/s	Dec'18	Completed in Aug'20
71			Extn. of Janji 33/11kV S/s	Dec'18	Completed in Dec'19
72			Extn. of Amguri 33/11kV S/s	Dec'18	Completed in Dec'20
73			Extn. of Behiating 33/11kV S/s	Dec'18	Completed in Mar'20
74	DMS-03 23.12.16	S&W	132/33kV Tangla (New) S/s to 33/11kV Harsingha (New)S/s	Dec'18	Completed in Feb'21
75			132/33kV Tangla (New) S/s to Paneri Existing 33/11kV S/s	Dec'18	Completed in Mar'21
76			132/33kV Tangla (New) S/s to Existing Kalaigaon 33/11kV S/s	Dec'18	Completed in Jan'21
77			132/33kV Tangla (New) S/s to Existing Khairabari 33/11kV S/s	Dec'18	Completed in Mar'21
78			132/33kV Tangla (New) S/s to Existing Tangla 33/11kV S/s	Dec'18	Completed in Oct'20
79			132/33kV Hazo (New) S/s to 33/11kV Sesa (New)S/s	Dec'18	Completed in Feb'21
80			132/33kV Hazo (New) S/s to 33/11kV Ramdiya (New)S/s	Dec'18	Completed in Dec'20
81			132/33kV Hazo (New) S/s to 33/11kV Domdoma-hazo (New)S/s	Dec'18	Completed in Dec'20

SI No.	Package/ Date of NOA	Name of Agency	Name of Line/Substation	Sch./Ant. Comp.	Status
82			132/33kV Hazo (New) S/s to 33/11kV Mukalmuwa existing S/s	Dec'18	Completed in Dec'21
83			2X5 MVA, 33/11kV new sub-station at Harsingha	Dec'18	Completed in Nov'20
84			2X5 MVA, 33/11kV new sub-station at Sesa	Dec'18	Completed in Nov'19
85			2X5 MVA, 33/11kV new sub-station at Ramdiya	Dec'18	Completed in July'20
86			33/11kV new sub-station at Domdoma-Hazo	Dec'18	Completed in Dec'20
87			2X10 MVA, 33/11kV new sub-station at Chabipool	Dec'18	Completed in Sep'20
88			Extn. Paneri Existing 33/11kV S/s	Dec'18	Completed in Mar'19
89			Kalaigaon Existing 33/11kV S/s	Dec'18	Completed in Dec'20
90			Tangla Existing 33/11kV S/s	Dec'18	Completed in Nov'19
91			Khairabari Existing 33/11 kV	Dec'18	Completed in April'19
92			33/11kV Mukalmuwa existing S/s	Dec'18	Completed in April'19
93			Existing Paltanbazaar S/s	Dec'18	Completed in Mar'19
94			Existing Judges Field S/s	Dec'18	Completed in Dec'19
95			Existing Jail (Fancy bazaar) S/s	Dec'18	Completed in Apr'19.
96	DMS-04 08.07.16	Neccon	2X10 MVA, 33/11kV new sub-station at GS Road	Mar'19	Completed in Mar'21

SI No.	Package/ Date of NOA	Name of Agency	Name of Line/Substation	Sch./Ant. Comp.	Status
97			2X10 MVA, 33/11kV new sub-station at GMC-2	Mar'19	Completed in Mar'21
98			2X10 MVA 33/11kV new sub-station at Tarun Nagar	Mar'19	Completed in Jan'22
99			2X10 MVA, 33/11kV new sub-stationat Arya College (New) GIS S/s	Mar'19	Completed in Sep'21
100			Extn. Of Existing GMC S/s	Mar'19	Completed in Apr'19
101			Extn. Of Existing Ulubari S/s	Mar'19	Completed in May'19
Underground cable lines					
102	DMS-04 08.07.16	Neccon	132/33kV Guwahati M.C. (New) S/s to GS Road - (New) GIS S/s	Mar'19	Completed in Nov'20
103			132/33kV Guwahati M.C. (New) S/s to GMC-2-(New) GIS S/s	Mar'19	Completed in Oct'20
104			132/33kV GMC (New) S/s to Tarun Nagar -(New) GIS S/s	Mar'19	Completed in Jul'21
105			132/33kV GMC (New) S/s to Arya College -(New) S/s	Mar'19	Completed in Nov'20
106			132/33kV Guwahati M.C. (New) S/s to GMC Existing S/s	Mar'19	Completed in Dec'20
107			Double Ckt. 132/33kV Guwahati M.C. (New) S/s to Ullubari Existing S/s	Mar'19	Completed in Nov'20
108			132/33kV GMC (New) S/s to Chabipool -(New) S/s changed to Hengrabari	Mar'19	Completed in Feb'22
109			132/33kV Paltanbazar (New) S/s to Existing Paltan bazaar S/s	Mar'19	Completed in Nov'20

SI No.	Package/ Date of NOA	Name of Agency	Name of Line/Substation	Sch./Ant. Comp.	Status
110			132/33kV Paltanbazar (New) S/s to Judges field Existing S/s	Mar'19	Completed in Mar'21
111			132/33kV Paltanbazar (New) S/s to Jail (Fancy bazaar) Existing S/s	Mar'19	Completed in Feb'21
112			132kV Narengi – 33 kV Bamunimaidam	Mar'19	Completed in Nov'22
113			132kV Narengi – 33kV Uzan Bazar	Mar'19	Completed in Aug'23
114			132kV Narengi – 33kV Zoo Road	Mar'19	Completed in Jan'23
115			33kV Bamunimaindam – 33kV Chandmari	Mar'19	Completed in Sep'22
116			132kV Paltan Bazar to 33kV Stadium	Mar'19	Completed in Oct'21



## MEGHALAYA

Total no. of Packages: 7

No. of Awarded Packages: 7

SI. No	Packages	Description	Remarks
1	2 (TW-01, TW-02)	Transmission Lines	<b>All awarded</b>
2	2 (SS-01, SS-02)	Sub-stations	
3	3 (DMS-01 to DMS-03)	Distribution system	

### Progress:

SI No.	Package/ Date of NOA	Name of Agency	Name of Line/ Substation	Sch./A nt. Comp.	Status
Under Construction:					
1.	TW-01 29.06.16	Unique	Byrnihat (Killing) – Mawngap – New Shillong 220 kV D/c line	Jun'19 / Nov'23	Line Length (km) : 129 Tower Locations (Nos.): 398 Foundation completed (Nos.): 398 Tower Erected (Nos.): 398 Stringing completed (km): 128 km
			Constraint if any:  RoW issue persist in 01 locations for stringing (~1 km) of the line in Ri-bhoi District due to job demand.		
Completed:					
2.	TW-01 29.06.16	Unique	LILO of both circuits of MLHEP – Khliehriat 132 kV D/c line at Mynkre	Jun'19	Completed in Dec'20
3.	TW-01 29.06.16	Unique	Phulbari – Ampati 132 kV D/c line	Jun'19	Completed in June'20
4.	SS-01 12.08.16	Neccon	2x50 MVA, 132/33 kV new sub-station at Mynkre	Oct'18	Completed in Mar'23

SI No.	Package/ Date of NOA	Name of Agency	Name of Line/ Substation	Sch./A nt. Comp.	Status
5.	SS-01 12.08.16	Neccon	2x50 MVA, 132/33 kV new sub-station at Phulbari	Oct'18	Completed in Jan'22
6.	SS-01 12.08.16	Neccon	132kV Ampati (Extension) Substation	Oct'18	Completed in Feb'21
7.	SS-02 06.06.16	Techno & Seiyuan	2x160 MVA, 220/132 kV Mawngap GIS	Mar'19	Completed in Feb'21
8.	SS-02 06.06.16	Techno & Seiyuan	2x160 MVA, 220/132 kV + 2x50 MVA, 132/33 kV GIS at New Shillong	Mar'19	Completed in April'21
9.	SS-02 06.06.16	Techno & Seiyuan	220kV Byrnihat (Killing) AIS Substation Extension	Mar'19	Completed in Nov'19
10.	DMS-01 13.07.16	Neccon	33/11 kV new sub-station at Mynkre	Jan'19	Completed in Aug'20
11.	DMS-01 13.07.16	Neccon	33/11 kV new sub-station at Rymbai	Jan'19	Completed in Jan'21
12.	DMS-01 13.07.16	Neccon	33/11 kV new sub-station at Latyrke	Jan'19	Completed in Feb'20
13.	DMS-01 13.07.16	Neccon	33/11 kV new sub-station at Byndihati	Jan'19	Completed in Feb'21
14.	DMS-01 13.07.16	Neccon	132/33KV Mynkre (New) – 33/11kV Mynkre	Jan'19	Completed in Sep'21
15.	DMS-01 13.07.16	Neccon	132/33 KV Mynkre (New) – Rymbai	Jan'19	Completed in Mar'21
16.	DMS-01 13.07.16	Neccon	132/33KV Mynke – Lumshnong	Jan'19	Completed in Mar'21
17.	DMS-01 13.07.16	Neccon	132/33 KV Mynkre – Latykre (Sutunga)	Jan'19	Completed in Feb'20
18.	DMS-02 13.07.16	Neccon	33/11 kV new sub-station at Chibinang	Nov'18	Completed in July'19

SI No.	Package/ Date of NOA	Name of Agency	Name of Line/ Substation	Sch./A nt. Comp.	Status
19.	DMS-02 13.07.16	Neccon	33/11 kV new sub-station at Raksambre (Potamati)	Nov'18	Completed in Sep'19
20.	DMS-02 13.07.16	Neccon	33/11 kV new sub-station at Rajaballa Bhaitbari	Nov'18	Completed in Mar'22
21.	DMS-02 13.07.16	Neccon	Extn. of 33/11 kV Phulbari S/s	Nov'18	1x5 MVA transformer charged in May'18 & other 1x5 MVA T/F charged in Nov'19
22.	DMS-02 13.07.16	Neccon	Extn. of 33/11 kV Trikila S/s	Nov'18	Completed in Nov'20
23.	DMS-02 27.05.16	Neccon	132/33kV Phulbari - Rajballa Bhaitbari	Nov'18	Completed in Mar'21
24.	DMS-02 27.05.16	Neccon	132/33kV Phulbari – Chibinang	Nov'18	Completed in Jul'19
25.	DMS-02 27.05.16	Neccon	33/11kV Tikrila – Raksambre	Nov'18	Completed in Jan'21
26.	DMS-02 27.05.16	Neccon	132/33 KV Phulbari (New) - Phulbari (existing)	Nov'18	Completed in Feb'21
27.	DMS-02 27.05.16	Neccon	LILO of Tikrila - Phulbari at Phulbari(New);	Nov'18	Completed in Feb'21
28.	DMS-02 27.05.16	Neccon	Existing 33 kV Tikrila- Phulbari from tapping point to Tikrila SS	Nov'18	Completed in Mar'22
29.	DMS-03 27.05.16	Neccon	33/11 kV new sub-station at Mawkynrew	Nov'18	Completed in June'19
30.	DMS-03 27.05.16	Neccon	33/11 kV new sub-station at Mawpat	Nov'18	Completed in Sept'19

<b>SI No.</b>	<b>Package/ Date of NOA</b>	<b>Name of Agency</b>	<b>Name of Line/ Substation</b>	<b>Sch./A nt. Comp.</b>	<b>Status</b>
31.	DMS-03 27.05.16	Neccon	33/11 kV new sub-station at Mawrenkneng	Nov'18	Completed in Feb'21
32.	DMS-03 27.05.16	Neccon	33/11 kV new sub-station at New Shillong	Nov'18	Completed in Dec'19
33.	DMS-03 27.05.16	Neccon	220/132/33kV New shillong – Mawpat	Nov'18	Completed in Mar'21
34.	DMS-03 27.05.16	Neccon	33/11kV SE Falls – Mawpat	Nov'18	Completed in July'21
35.	DMS-03 27.05.16	Neccon	220/132/33 KV New Shillong - New Shillong	Nov'18	Completed in Jan'21
36.	DMS-03 27.05.16	Neccon	220/132/33 KV New Shillong – Mawryngkneng	Nov'18	Completed in Jan'22
37.	DMS-03 27.05.16	Neccon	LILO of exisiting Jowai- Landnongkrem Line at Mawryngkneng	Nov'18	Completed in Jan'21
38.	DMS-03 27.05.16	Neccon	33/11kV Jongksha- Mawkynrew	Nov'18	Completed in Jun'19
39.	DMS-03 27.05.16	Neccon	Mawlyndeeep to Mawryngkeng	Nov'18	Completed in Sep'22
40.	DMS-03 27.05.16	Neccon	Extn of SE Falls 2x5 MVA to 2x10 MVA SS	Nov'18	Completed in Jun'19
41.	DMS-03 27.05.16	Neccon	Extn of 33/11kv Jongksha SS	Nov'18	Completed in Nov'19

## **MIZORAM**

Total no. of Packages: 3

No. of Awarded Packages: All awarded

Sl. No	Packages	Description	Remarks
1	(TW-01)	Transmission Lines	Awarded
2	(SS-01, SS-02)	Sub-stations	Awarded
		Distribution system	Included in SS-02

### **Progress:**

SI No.	Package/ Date of NOA	Name of Agency	Name of Line/ Substation	Sch./Ant. Comp.	Status
1.	TW-01 20.09.17	KSA	Lungsen – Chawngte 132 kV S/c line (charged at 33 kV)	Mar'20	Completed in Sep'22
2.	TW-01 20.09.17	KSA	Augmentation of Lunglei sub-station by replacing existing 2x12.5 MVA, 132/33 kV transformer with 2x25 MVA 132/33 kV transformer	Mar'20	Completed in Dec'21
3.	SS-01 02.11.17	KSA	New sub-station at Lungsen with 132/33 kV, 2x12.5 MVA transformer	Mar'20	Completed in July'23
4.	SS-02 13.10.17	S&W	New sub-station at W. Phaileng with 132/33 kV, 2x12.5 MVA transformer	May'20	Completed in April'22
5.	SS-02 13.10.17	S&W	New 132/33kV sub- station at Marpara	May'20	Completed in March'23
6.	SS-02 13.10.17	S&W	Chawngte – S. Bungtlang 132 kV S/c	May'20	Completed in March'23

			line via S. Bungtlang (to be charged at 33 kV)		
7.	SS-02 13.10.17	S&W	132 kV S/C Lunglei-Lungsen Interconnection	Dec'18	Completed in Jun'21
8.	SS-02 13.10.17	S&W	West Phaileng – Marpara 132 kV S/c line on D/c tower	May'20/ Dec'23	Line Length (km): 51 Tower Locations (Nos.) : 172 Foundation completed (Nos.): 169 Tower Erected (Nos.): 165 Stringing completed (km) : 37
Critical Issues (if any):					
9.	SS-02 13.10.17	S&W	33/11 kV South Bungtlang (New) Substation S/s	May'20	Completed in Mar'21
10.	SS-02 13.10.17	S&W	Aug. 33kV West Paileng SS - addition of 2 new 33kV bays	May'20	Completed in Dec'20
11.	SS-02 13.10.17	S&W	132/33kV Lungsen (new) - Lungsen line	May'20	Completed in Jan'21

## **MANIPUR**

Total no. of Packages: 7

No. of Awarded Packages: 7

Sl. No	Packages	Description	Remarks
1	Tower packages	Transmission Lines	Awarded
2	3 (SS-01 to SS-03)	Sub-stations	All awarded
3	4 (DMS-01 to DMS-04)	Distribution system	All awarded

### **Progress:**

SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
1.	Tower 31.05.18	Shyama Power	Imphal (PG) - Ningthoukhong 132 kV D/c line (33 km)	Nov'20	Completed in Mar'21
2.			Renovation of Yurembum – Karong - Mao (Manipur- Nagaland border) section of Yurembum-Karong-Kohima 132kV S/c line (91 km)	Nov'20	Completed in Dec'21
3.			LILO of Yurembam (Imphal- State) – Karong 132 kV line at Gamphajol (1.4 Kms)	Nov'20	Completed in Sep'19
4.			Stringing of Yaingangpokpi - Kongba 132kV line (2 <sup>nd</sup> ckt) (33 km)	Nov'20	Completed in Dec'19
5.			Stringing of Kakching - Kongba 132kV line (2 <sup>nd</sup> ckt) (45 km)	Nov'20	Completed in Jan'20
			LILO of one circuit of Kongba – Kakching 132 kV D/c line (one ckt existing & other ckt under this scheme) at Thoubal 132/33kV substation (45 km)	Nov'20	Scope Deleted

SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
6.			Rengpang-Tamenlong 132kV S/C line on D/C tower (19.5 km)	Nov'20	Completed in Apr'23
7.	SS-01 03.01.18	Sterling & Wilson	2x20 MVA, 132/33 kV Gamphajol new sub-station	May'20	Completed in Feb'22
8.			Augmentation of Ningthoukhong by addition of 2 <sup>nd</sup> transformer	May'20	Completed in Jan'22
9.			132kV Imphal (PG) (Extension) Substation.	May'20	Completed in Oct'20
10.	SS-02 08.12.17	Shyama Power	Augmentation of Kongba by addition of 3 <sup>rd</sup> transformer + 2 Line Bays:	Nov'20	Bay-1 charged in Dec'19. Bay-2 charged in July'20. Transformer charged in Oct'20.
11.			132kV Kakching (Extension) Substation	Nov'20	Completed in Oct'19
12.			132kV Yaingangpokpi (Extension) Substation	Nov'20	Completed in Nov'19
13.			132/33kV Ukhrul (Augmentation) Substation	Nov'20	Completed in Feb'21
14.	SS-03 03.01.18	Sterling & Wilson	Extension of Rengpang SS	Jun'20	Completed in Dec'20
15.			Augmentation of Jiribam by addition of 2 <sup>nd</sup> transformer	Jun'20	Completed in Aug'21
16.			132/33 kV Tamenglong (New) Substation	Jun'20/ Dec'23	Land acquisition : 100% Civil work : 70% Equipment received : 94%



SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
					Equipment erected : 30%
			C.R.B., Tower & Equip. Fdn. u/p.		
17.	DSM-01 03.03.17	Winpower	33/11 kV new sub-station at Hiyangthang	Nov'19	Completed in Dec'19
18.			33/11 kV new sub-station at Andro	Nov'19	Completed in May'20
19.			33/11 kV new sub-station at Pishum	Nov'19	Completed in Mar'21
20.			33/11 kV new sub-station at New Keithelmanbi	Nov'19	Completed in Feb'20
21.			33/11 kV new sub-station at Top Khongangghong	Nov'19	Completed in Feb'20
22.			Extn. of 33/11 kV Langdum S/s	Nov'19	Completed in Oct'19
23.			Extn. of 33/11 kV Mongsangei S/s	Nov'19	Completed in Jul'19
24.			Extn. of 33/11 kV Iroisemba S/s	Nov'19	Completed in Jul'19
25.			Extn. of 33/11 kV Porompat S/s	Nov'19	Completed in Jun'19
26.			Thoubal (Augmentation)	Nov'19	Completed in May'19
27.			Wangjing (Augmentation)	Nov'19	Completed in Aug'19

SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
28.			Leimakhong (Augmentation)	Nov'19	Completed in May'19
29.			Kangpokpi (Augmentation)	Nov'19	Completed in Sep'19
30.			33/11 kV new sub-station at Lamphel	Nov'19/ Dec'23	Land acquisition : 100% Civil work (%) : 35% Equipment received : 56% Equipment erected : -
			<b>Constraint if any:</b> Very low bearing capacity of soil. Alternate land has been handed over on 02.06.2020 by MSPCL and alternate land is also marshy. Design/ Engineering of pile is under progress.		
31.			33/11 kV new sub-station at Takyel	Nov'19 /Dec'23	Land acquisition : 100% Civil work (%) : 35% Equipment received : 25% Equipment erected : -
			<b>Constraint if any:</b> Alternate land handed over in Feb'21 and same is also marshy. Design/Engineering of pile is under progress.		
32.			LILO of Mongsangei to Kakwa at Pishum Sub- Station	Nov'19	Completed in Feb'21
33.			Mongsangei to hiyangthang	Nov'19	Completed in Dec'19
34.			LILO of Yurembum-Noney line at Keithelmanbi	Nov'19	Completed in Feb'20

SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
35.			Iroisemba S/s to Lamphel S/s	Nov'19	Completed in Dec'21
36.			Existing Iroisemba SS to Takyel	Nov'19	Completed in Dec'22
37.			Top Khongnangkhang to Porompat	Nov'19	Completed in Feb'20
38.			Andro to Langdum S/s	Nov'19	Completed in May'20
39.	DMS-02 16.12.16	Winpower	33/11 kV New Substation at Kwakta	Nov'19	Completed in Dec'19
40.			33/11 kV New Substation at Leimapokpam	Nov'19	Completed in Jan'20
41.			Ningthoukhong(Augmentation)	Nov'19	Completed in Jun'19
42.			Yaingangpokpi(Augmentation)	Nov'19	Completed in Sep'19
43.			Nambol(Augmentation)	Nov'19	Completed in May'19
44.			Khwairakpan (Augmentation)	Nov'19	Completed in May'19
45.			Moirang Khunou(Augmentation)	Nov'19	Completed in Sep'19
46.			Jiribam(Augmentation)	Nov'19	Completed in Sep'19
47.			Khoupum (Augmentation)	Nov'19	Completed in Oct'19
48.			Tamenglong (Augmentation)	Nov'19	Completed in Sep'19
49.			Extn. of Nambol (bay addition) S/s	Nov'19	Completed in Jun'19

SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
50.			Extn. of Existing Moriang S/s	Nov'19	Completed in Jul'19
51.			Moirang to Kwakta	Nov'19	Charged in Dec'19
52.			Existing Nambol S/s to Leinmapokpan	Nov'19	Charged in Jan'20
53.	DMS-03 18.03.16	Siddartha	33/11 kV New Substation at Porompat	Dec'18	Completed in Jun'19
54.			33/11 kV New Substation at Thangal	Dec'18	Completed in Dec'19
55.			Aug. of Existing 33/11kV Khuman Lampak	Dec'18	Completed in Jan'19
56.			Extn. of Existing 33/11kV Khoupom	Dec'18	Completed in Apr'19
57.			1x5 MVA. Napetpalli (Augmentation)	Dec'18	Completed in Nov'18
58.			1x3.15 MVA Kamjong (Augmentation)	Dec'18	Completed in Jun'19
59.			1x3.15 MVA Saikul (Augmentation)	Dec'18	Completed in Dec'18
60.			1x3.15 MVA New Chayang (Augmentation)	Dec'18	Completed in Nov'18
61.			1x3.15 MVA Litan (Augmentation)	Dec'18	Completed in Jan'19
62.			Sanjenbam to Porompat	Dec'18	Completed in Jun'19
63.			Existing Khoupom to Thangal	Dec'18	Completed in Jan'21
64.	DMS-04 18.03.16	Siddartha	33/11 kV New S/s at Sanjenbam	Dec'18	Completed in Jul'19

SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
65.			33/11 kV New S/s at Tuilaphai	Dec'18	Completed in Dec'18
66.			Extn. of Existing 33/11kV Napetpalli S/s	Dec'18	Completed in Dec'18
67.			1x5 MVA Karong (Augmentation)	Dec'18	Completed in Dec'18
68.			1x3.15 MVA Tadubi (Augmentation)	Dec'18	Completed in Dec'18
69.			1x3.15 MVA Maram (Augmentation)	Dec'18	Completed in Feb'19
70.			LILO of existing 33 kV Churachandpur to Thankew line at Tuilaphai	Dec'18	Completed in Dec'18
71.			Existing Napetpalli to Sanjemba	Dec'18	Completed in Jun'19

## **NAGALAND:**

Total no. of Packages: 12

No. of Awarded Packages: 12

Sl. No	Packages	Description	Remarks
1	3 (TW-01, TW-05 & TW-06)	Transmission Lines	All awarded.
2	4 (SS-01 to SS-04)	Sub-stations	All awarded.
3	4 (DMS-01 to DMS-04)	Distribution system	All awarded.
4	1 (Telecom Equip.)	Telecom Equipment	Awarded.

### **Progress:**

SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
1.	TW-01 20.09.17	Shyama Power	New Kohima – Mokokchung (PG) 220 kV S/c line on D/c tower	Jun'19	Completed in Sep'22
2.	TW-05 21.09.17	Shyama Power	New Kohima (Zadima) – New Secretariat Complex Kohima 132 kV D/c line	Jun'19	Completed in Feb'22
3.	TW-06 31.05.18	Shyama Power	Wokha (Doyang River) - Zunheboto – Mokokchung (Nagaland) 132 kV S/c	Dec'20	Completed in Feb'23
4.			LILO of Mokokchung (Nagaland) - Mariani (Assam) 132 kV D/c line at Longnak Works	Dec'20	Completed in Oct'20
5.			Tuensang – Longleng 132 kV S/c on D/c line	Dec'20	Completed in Jan'23
6.			LILO of Kohima – Wokha 132 kV S/c line at New Kohima	Dec'20	Completed in Mar'21
7.			LILO of Kohima – Meluri (Kiphire) 132 kV S/c line at Pfutsero	Dec'20	Completed in Nov'20

SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
8.	SS-01 05.12.17	Techno Electric	2x25 MVA, 132/33 kV new sub-station at Longnak (Mongkolemba Junction)	Apr'20	Completed in Jun'21
9.			2x10 MVA, 132/33 kV new sub-station at Longleng	Apr'20	Completed in Dec'22
10.	SS-02 30.11.17	Power Mech	2x25 MVA, 132/33 kV new sub-station at Zunheboto	Apr'20	Completed in Mar'23
11.			132kV Tuensang Substation Extension	Dec'24	Awarded to M/s GE in Aug'23
<p><b>Remark:</b> The upgradation works of Tuensang substation was to be done originally by DoP, Nagaland. Due to paucity of funds with DoP, Nagaland, the proposal to upgrade existing 66/33kV Tuensang Sub-station to 132/33 kV level under NERPSIP was agreed technically by CEA in the meeting dated 30-05-2019. Despite of several discussions at various levels, work could not commence due to space constraints and non-inclusion of upgradation works in RCE as RCE was submitted earlier. MoP vide letter dated 7th Jan'22, communicated the concurrence/ approval to take-up the work with additional cost and additional time of 2 years.</p> <p><b>Critical Issues (If any):</b> Due to reluctance of vendors in bidding process owing to tough area and limited scope of work, award of package delayed.</p> <p>Package awarded in Aug'23 and expected completion is Dec'24.</p>					
12.			132kV Mokokchung (State) Substation Extension	Apr'20	Completed in Nov'20
13.			220kV Mokokchung (POWERGRID) Substation Extn	Apr'20	Completed in Apr'21

SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
14.	SS-03 14.12.17	Shyama Power	2x25 MVA, 132/33 kV new sub-station at New Secretariat Complex Kohima	Dec'19	Completed in Sep'21
15.			220/132kV New Kohima Substation (extension)	Dec'19	Completed in Nov'2020
16.	SS-04 13.12.17	Power Mech	2x25 MVA, 132/33 kV new sub-station at Pfutsero	Apr'20/ Nov'23	Land acquisition : 100% Civil work: 76% Equipment received : 90% Equipment erected : 81%
17.			1x25 MVA, 132/33 kV transformer at Wokha (extension)	Apr'20	Completed in Nov'20
18.	DMS-01 12.02.18	Techno & Rausheena	33/11 kV New S/s at Longtho	Jan'20	Completed in Feb'21
19.			33kV Bay extension at Longnak	Jan'20	Completed in Nov'20
20.			Augmentation of 33kV Changtongya S/s	Jan'20	Completed in Jan'21
21.			Augmentation of 33kV Mangkolemba S/s	Jan'20	Completed in Nov'20
22.			Existing 33 kV Mok -Mariani line to prop. 33/11 kV Longtho S/s	Jan'20	Completed in Dec'20



SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
23.			Prop.132/33 kV Longleng S/s to Prop. 33/11kV Longleng town S/s	Jan'20	Completed in Aug'21
24.			LILO of Existing 33kV Mok - Mariani line at Exist. 33/11 kV Longnak S/s	Jan'20	Completed in Nov'20
25.	DMS-02 11.01.18	Techno & Raushe ena	33/11 kV New S/s at Mokochung Town Power House	Jan'20	Completed in Sep'22
26.			33/11 kV New S/s at Mokochung Town Hospital Area	Jan'20	Completed in Jul'21
27.			33/11 kV New S/s at Zunheboto south point	Jan'20	Completed in Jan'21
28.			33kV Bay extension at Mokochung	Jan'20	Completed in Jan'21
29.			33kV Bay extension at Suruhuto	Jan'20	Completed in Mar'21
30.			33kV Bay extension at Akuloto	Jan'20	Completed in Jan'21
31.			33kV Bay extension at Pughoboto	Jan'20	Completed in Nov'20
32.			33kV Bay extension at Torogonyu	Jan'20	Completed in Dec'20
33.			Chukitong Existing S/s - Capacity Augmentation	Jan'20	Completed in Jan'21

SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
34.			Tseminyu Existing S/s - Capacity Augmentation	Jan'20	Completed in Apr'21
35.			Wokha Power House Existing S/s - Capacity Augmentation	Jan'20	Completed in Mar'21
36.			Chukitong Existing S/s - Capacity Augmentation	Jan'20	Completed in Jan'21
37.			Tseminyu Existing S/s - Capacity Augmentation	Jan'20	Completed in Apr'21
38.			Wokha Power House Existing S/s - Capacity Augmentation	Jan'20	Completed in Mar'21
39.			Existing 66/33kV Mokokchung S/s to New 33/11kV S/s Mokokchung Town Power House	Jan'20	Completed in Aug'23
40.			Existing 66/33kV Mokokchung S/s to New 33/11kV S/s Mokokchung Town Hospital Area	Jan'20	Completed in Nov'21
41.			New 132/33kV Zunheboto S/s to New 33/11kV S/s Zunheboto South Point	Jan'20	Completed in Feb'21
42.			Existing 33/11kV Suruhuto S/s to Exist. 33/11kV S/s Akuloto	Jan'20	Completed in Aug'21
43.			Existing 33/11kV Pughoboto S/s to Exist. 33/11kV S/s Torogonyu	Jan'20	Completed in Mar'21

SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
44.	DMS-03 22.09.16	Sterling & Wilson	33/11 kV New S/s at Lalmati	Dec'18	Completed in Jun'19
45.			33/11 kV New S/s at Zhadima (New Kohima)	Dec'18	Completed in Oct'20
46.			33/11 kV New S/s at Pfutsero	Dec'18	Completed in Dec'20
47.			Botsa (Augementation)	Dec'18	Completed in Jul'19
48.			Chakabhama (Augementation)	Dec'18	Completed in May'19
49.			ITI Kohima (Augementation)	Dec'18	Transformer-1 charged in Apr'19. Transformer-2 charged in Sep'19.
50.			33 kV TL from 132/33 kV new to 33/11 kV new Pfutsero S/s	Dec'18	Completed in Mar'21
51.	DMS-04 22.09.16	Sterling & Wilson	33/11 kV New S/s at Padam Pukhri	Dec'18	Completed in Mar'21
52.			33/11 kV New S/s at Tizit	Dec'18	Transformer-1 charged in Oct'19. Transformer-2 charged in Dec'19.
53.			Extn. of Existing 33/11kV Nagarjan	Dec'18	Completed in Dec'19

SI No.	Package/ Date of NOA	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
54.			Industrial Estate SS (Augementation)	Dec'18	Completed in Mar'19
55.			Refferal Hospital SS (Augementation)	Dec'18	Completed in Nov'20
56.			Existing 132/66/33 kV Nagarjan S/s to new 33/11 kV S/s Padampukhri	Dec'18	Completed in Dec'21

## TRIPURA

Total no. of Packages: 11

No. of Awarded Packages: 11

Sl. No	Packages	Description	Remarks
1	3 (TW-01 to TW-03)	Transmission Lines	All awarded
2	3 (SS-01 to SS-03)	Sub-stations	All awarded
3	5 (DMS-01 to DMS-05)	Distribution system	All awarded

### Progress:

S.No.	Package	Name of Agency	Name of line/substation	Sch./Ant. Comp.	Status
1.	TW-01 01.12.17	EMC	Udaipur - Bagafa 132 kV D/C line	Feb'20	Completed in Mar'22
2.			Bagafa – Belonia 132 kV D/C line	Feb'20	Completed in Aug'21
3.			132kV Interconnecting portion of 132kV Sabroom - Satchand at Satchand end	Feb'20	Completed in Mar'21
4.			Bagafa – Satchand 132 kV S/c on D/C line	Feb'20/ Dec'23	Line Length (km) : 29.37 Tower Locations (Nos.) : 119 Foundation completed (Nos.) : 113 Tower Erected (Nos.) : 101 Stringing completed (kms) : 15.87
			Critical issues (if any):		
5.	TW-02		Rabindra Nagar – Rokhia 132 kV D/C line	Feb'20	Completed in Dec'2021

S.No.	Package	Name of Agency	Name of line/substation	Sch./Ant. Comp.	Status
6.			LILO of one circuit of Surajmaninaqar - Rokhia 132 kV D/c line at Gokulnagar	Feb'20	Completed in Feb'21
7.			Belonia – Sabroom 132 kV D/C line	Feb'20	Completed in Dec'22
8.			132kV Interconnecting portion of 132kV Sabroom - Satchand at Sabroom end	Feb'20	Completed in Nov'20
9.			Rabindra Nagar – Belonia 132 kV D/C line	Feb'20/ Nov'23	Completed in Oct'23
10.	TW-03		LILO of Ambassa – P. K. Bari 132 kV S/C at Manu	Feb'20	Completed in Nov'20
11.			Kailasahar – Dharmanagar 132 kV D/C line	Feb'20	Completed in Feb'23
12.			LILO of Agartala (79 Tilla) - Dhalabil (Khowai) 132 kV S/C line at Mohanpur	Feb'20	Completed in Jan'21
13.			Udaipur- Amarpur 132 kV D/C line	Feb'20	Completed in Mar'21
14.			132kV Interconnection portion from Manu (Old) S/s to Manu (New) S/s for charging of 132kV Manu - Chawmanu TL	Feb'20	Completed in Mar'21

S.No.	Package	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
15.	SS-01 04.11.16	SPML	2x31.5 MVA, 132/33 kV new sub-station at Satchand	Oct'19	Completed in Sep'21
16.			2x31.5 MVA, 132/33 kV new sub-station at Sabroom	Oct'19	Completed in Oct'21
17.			2x50 MVA, 132/33 kV new sub-station at Belonia	Oct'19	Completed in Nov'21
18.			2x50 MVA, 132/33 kV new sub-station at Bagafa	Oct'19	Completed in Oct'21
19.	SS-02 04.11.16	SPML	2x50 MVA, 132/33 kV new sub-station at Rabindra Nagar	Oct'19	Completed in Aug'21
20.			2x50 MVA, 132/33 kV new sub-station at Gokulnagar	Oct'19	Completed in Mar'21
21.			Augmentation of Udaipur sub-station	Oct'19	Completed in July'21
22.			Augmentation of Jirania sub-station	Oct'19	Completed in Sep'20
23.			132/33/11 kV Rokhia (Extn) Substation	Oct'19	Completed in Oct'20
24.	SS-03 04.11.16	SPML	2x50 MVA, 132/33 kV new sub-station at Manu	Oct'19	Completed in Apr'22
25.			2x31.5 MVA, 132/33 kV new Substation at Amarpur	Oct'19/ Nov'23	Land acquisition : 100% Civil work : 82%

S.No.	Package	Name of Agency	Name of line/substation	Sch./Ant. Comp.	Status
					Equipment received : 88% Equipment erected : 75%
26.			2x31.5 MVA, 132/33 kV new sub-station at Mohonpur (Hezamara)	Oct'19	Completed in Feb'21
27.			Replacement of existing 2x7.5 MVA, 132/33 kV transformer by 2x50 MVA, 132/33 kV transformer at Kailasahar	Oct'19	Completed in Mar'23
28.			Augmentation of Ambassa sub-station by addition of 1x31.5, 132/33 kV transformer, 2x10 MVA, 33/11 kV transformer & 2x250 KVA 11/0.4 kV transformer including extension of control room	Oct'19	Completed in Feb'21
29.			Augmentation of Dhalabil (Khowai) sub-station by addition of 2x31.5, 132/33 kV transformer, 2x10 MVA, 33/11 kV transformer & 2x250 KVA 11/0.4 kV transformer including extension of control room-	Oct'19	Completed in Nov'21
30.			132/33/11 kV Dharmanagar (Extn.) Substation	Oct'19	Completed in Aug'21



S.No.	Package	Name of Agency	Name of line/substation	Sch./Ant. Comp.	Status
31.	DMS-01 22.12.17	Techno fab	LILO of existing Tirthamukh - Silachari line at Karbook	Nov'19	Completed in Jan'20
32.			LILO of existing Jolaibari - Bagafa line at Muhuripur	Nov'19	Completed in Jan'23
33.			Dalak (Chelagang) - Amarpur line	Nov'19	Completed in Oct'21
34.			33/11 kV Belonia-Chittamara	Nov'19	Completed in Aug'21
35.			Dalak(Chelagang) – Jatanbari	Nov'19	Completed in Jan'22
36.			Garjee to Chittamara	Nov'19	Completed in Dec'21
37.			Udaipur to Maharani	Nov'19	Completed in July'21
38.			Garjee-Maharani	Nov'19	Completed in Oct'21
39.			132/33kV Amarpur-Chechua	Nov'19	Completed in Mar'22
40.			33/11 kV New S/s at Karbook	Nov'19	Completed in Nov'20
41.			33/11 kV New S/s at Muhuripur	Nov'19	Completed in Mar'23
42.			33/11 kV New S/s at Dalak (Chelagang)	Nov'19	Completed in Mar'22
43.			33/11 kV New S/s at Maharani	Nov'19	Completed in July'21
44.			33/11 kV New S/s at Chittamara	Nov'19	Completed in Sep'23
45.			33/11 kV New S/s at Chechua	Nov'19	Completed in Nov'22

S.No.	Package	Name of Agency	Name of line/substation	Sch./Ant. Comp.	Status
46.			33/11 kV New S/s at Garjee	Nov'19	Completed in Sep'21
47.			33 kV Joliabari S/s (Cap. Aug.)	Nov'19	Completed in Jan'22
48.			33 kV Rani S/s (Cap. Aug.)	Nov'19	Completed in Oct'21
49.			33 kV S/s extension at Jatanbari	Nov'19	Completed in July'21
50.			33 kV S/s extension at 132/33kV Udaipur (existing)	Nov'19	Completed in May'21
			33 kV S/s extension at Belonia	Nov'19	Scope Deleted
51.	DMS-02 20.01.17		Sabroom - Manughat	Nov'19	Completed in Feb'22
52.			Manughat - Srinagar	Nov'19	Completed in Sep'22
53.			Satchand - Srinagar	Nov'19	Completed in Dec'21
54.			Tapping point on existing Belonia - Hrishyamukh to Srinagar	Nov'19	Completed in Dec'21
55.			Satchand - Rupaichari	Nov'19	Completed in Mar'21
56.			Rajnagar - Ekinpur	Nov'19	Completed in Mar'22
57.			LILO of existing Belonia - Rajnagar line at Barpathari	Nov'19	Completed in Dec'21
58.			Jolaibari - Silachari	Nov'19	Completed in Jan'23
59.			Jolaibari - Satchand	Nov'19	Completed in June'21

S.No.	Package	Name of Agency	Name of line/substation	Sch./Ant. Comp.	Status
60.			Rupaichari - Sabroom	Nov'19	Completed in Feb'22
61.			LILO of existing Surajmaninagar - Takarjala line at Gabardi	Nov'19	Completed in Jan'20
62.			33/11 kV New S/s at Srinagar	Nov'19	Completed in Mar'23
63.			33/11 kV New S/s at Gabardi	Nov'19	Completed in Jan'20
64.			33/11 kV New S/s at Rupaichari	Nov'19	Completed in Feb'21
65.			33/11 kV New S/s at Ekinpur	Nov'19	Completed in Mar'22
66.			33 kV S/s extension & Augmentation at Rajnagar	Nov'19	Completed in Oct'21
67.			33 kV S/s extension at Silachari	Nov'19	Completed in April'21
68.			33 kV Hrishyamukh S/s (Cap. Aug.)	Nov'19	Completed in Jan'20
69.			33/11 kV New S/s at Manughat	Nov'19/ Nov'23	Land acquisition: 100% Civil work : 56% Equipment received: 65% Equipment erected: -
70.			33/11 kV New S/s at Barpathari	Nov'19/ Nov'23	Civil work : 75% Equipment received : 48% Equipment erected: -

S.No.	Package	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
			<b>Remark:</b> Work held up due to forest & wild life (0.22 ha.) involvement. Stage-I approval obtained on 04.03.20. Stage-II clearance (conditional) has been issued by RMoEF Shillong on 18.03.2021. Working permission received on 10.05.2021.		
71.	DMS-03 22.12.17		33kV S/C line (line length 4.0km) from Sekerkote new 33/11kV S/s to tapping point of Badharghat-Jangalia line.	Nov'19	Completed in Oct'21
72.			33kV S/C line (line length 3.0km) from Sekerkote new 33/11kV S/s to Gokulnagar new 132/33kV S/s	Nov'19	Completed in Oct'21
73.			33kV S/C line (line length 6.0km) from Gokulnagar new 132/33kV S/s to tapping point of Badharghat-Jangalia line.	Nov'19	Completed in Dec'21
74.			132/33kV Gokul Nagar (Proposed) to Golaghati	Nov'19	Completed in Dec'21
75.			Takarjala existing 33/11kV S/s to Golaghati	Nov'19	Completed in July'21
76.			Proposed Gokul Nagar 132/33kV S/s to Durganagar	Nov'19	Completed in May'21
77.			Madhupur existing 33/11kV S/s to Durganagar	Nov'19	Completed in July'21

S.No.	Package	Name of Agency	Name of line/substation	Sch./Ant. Comp.	Status
78.			Kathalia Existing 33/11kV S/s to Nidaya	Nov'19	Completed in Apr'21
79.			Melagarh Existing 33/11kV S/s to Nalchar	Nov'19	Completed in May'21
80.			Bishramganj Existing 33/11kV S/s to Nalchar	Nov'19	Completed in May'21
81.			Proposed Gokul Nagar 132/33kV S/s to tapping at Madhupur to Jangalia Line	Nov'19	Completed in Feb'21
82.			Bishramganj 33/11kV S/s to Jangalia	Nov'19	Completed in Apr'22
83.			33/11 kV New S/s at Sekerkote	Nov'19	Completed in Feb'22
84.			33/11 kV New S/s at Golaghati	Nov'19	Completed in Sep'22
85.			33/11 kV New S/s at Durganagar	Nov'19	Completed in Jan'23
86.			33/11 kV New S/s at Nidaya	Nov'19	Completed in Mar'22
87.			33/11 kV New S/s at Nalchar	Nov'19	Completed in Mar'22
88.			33kV S/s Takarjala - Capacity Augmentation	Nov'19	Completed in Nov'22
89.			33kV S/s Madhupur - Capacity	Nov'19	Completed in Oct'22

S.No.	Package	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
			Augmentation & extension		
90.			33kV S/s Melaghar - Capacity Augmentation	Nov'19	Completed in July'21
91.			33 kV S/s Kathalia - Capacity Augmentation	Nov'19	Completed in May'21
92.			33 kV S/s extension at Bishramhanj-	Nov'19	Completed in July'21
93.			33 kV S/s extension at Jangalia	Nov'19	Completed in July'21
94.	DMS-04 20.01.17		Rajnagar Existing 33/11kV S/s to Nidaya	Oct'19	Completed in Nov'21
95.			132/33kV S/s Mohanpur -Barkathal	Oct'19	Completed in Mar'22
96.			33/11kV S/s Lembucherra - Bamutia	Oct'19	Completed in Apr'21
97.			Champak Nagar- ADC Head Qtr	Oct'19	Completed in Aug'21
98.			Existing 132/33kV S/s Dhalabil –Khowai	Oct'19	Completed in Aug'21
99.			33/11kV S/s Hezamara- Simna	Oct'19	Completed in Jan'21
100.			Jirania -ADC Head Qtr.	Oct'19	Completed in Jan'21
101.			Hezamara -Barkathal	Oct'19	Completed in May'21
102.			Durjoynagar –Bamutia	Oct'19	Completed in Jan'22

S.No.	Package	Name of Agency	Name of line/ substation	Sch./Ant. Comp.	Status
103.			Hezamara- Dhalabil	Oct'19	Completed in Apr'22
104.			Ampura S/s (under RGGVY) - Khowai	Oct'19	Completed in Mar'22
105.			Tapping point on Mohanpur -Hezamara existing 33kV feeder-Simna	Oct'19	Completed in Mar'22
106.			132/33kV Jirania (existing) to Champak Nagar	Oct'19	Completed in Dec'21
107.			132/33kV Teliamura (existing) to Taidu	Oct'19	Completed in Jan'22
108.			Chechua to Taidu	Oct'19	Completed in Apr'22
109.			LILO of existing Agartala - Mohanpur line at Lembucherra	Oct'19	Complete in Jan'21
110.			LILO of existing Khayerpur - Jirania line at Ranirbazar	Oct'19	Completed in Jan'21
111.			LILO of existing Ambassa-Teliamura line at Mungiakami	Oct'19	Completed in Dec'21
112.			33/11 kV New S/s at Khowai	Oct'19	Completed in Aug'21
113.			33/11 kV New S/s at Simna	Oct'19	Completed in Feb'21
114.			33/11 kV New S/s at Barkathal	Oct'19	Completed in Mar'21

S.No.	Package	Name of Agency	Name of line/substation	Sch./Ant. Comp.	Status
115.			33/11 kV New S/s at Bamutia	Oct'19	Completed in April'21
116.			33/11 kV New S/s at Lembucherra	Oct'19	Completed in Jan'22
117.			33/11 kV New S/s at Champak Nagar	Oct'19	Completed in Mar'21
118.			33/11 kV New S/s at Ranirbazar	Oct'19	Completed in Mar'22
119.			33/11 kV New S/s at ADC Head Qtr	Oct'19	Completed in Aug'21
120.			33/11 kV Mungiakami S/s	Oct'19	Completed in Sep'21
121.			33/11 kV Taidu S/s	Nov'19	Completed in July 2023
122.			33 kV S/s extension at 132/33 kV S/s Dhalabil	Oct'19	Completed in June'21
123.			33 kV S/s extension at 33/11 kV S/s Durjoynagar	Oct'19	Completed in Jan'21
			33 kV S/s extension at Jirania	Oct'19	Scope deleted
124.			33 kV S/s extension & Cap. Aug. at Hezamara	Oct'19	Completed in Oct'18



S.No.	Package	Name of Agency	Name of line/substation	Sch./Ant. Comp.	Status
125.			33 kV S/s extension at Ampura	Oct'19	Completed in Jan'21
126.			33 kV S/s extension at Telimura	Oct'19	Completed in Feb'21
127.			33 kV Khayerpur S/s (Cap. Aug)	Oct'19	Completed in Aug'21
128.	DMS-05 22.02.17		Ambassa existing 132/33kV S/s to Jawahar Nagar	Nov'19	Completed in July'21
129.			LILO of existing Chhamanu-Manu line at Chailengta	Nov'19	Completed in Jan'21
130.			Proposed Jawhar Nagar 33/11 kV S/s to Dhumachhera	Nov'19	Completed in Dec'22
131.			Proposed Manu 132/33 kV S/s to Dhumachhera	Nov'19	Completed in Apr'21
132.			33 KV Line from Proposed Manu 132/33kV S/s to 82 Mile	Nov'19	Completed in Mar'22
133.			P K Bari Existing 132/33kV S/s to 82 Mile	Nov'19	Completed in Jan'22
134.			Kalaisahar - Tilla Bazar	Nov'19	Completed in Jan'22
			Proposed Manu 132/33kV S/s to tapping at Chawmanu - Manu line	Nov'19	Scope deleted

S.No.	Package	Name of Agency	Name of line/substation	Sch./Ant. Comp.	Status
135.			33kV S/C line-I from Kamalpur 132/33/11kV S/s to Durgachowmohani New 33/11kV S/s	Nov'19	Completed in Jan'22
136.			33kV S/C line-II from Kamalpur 132/33/11kV S/s to Durgachowmohani New 33/11kV S/s	Nov'19	Completed in Dec'21
137.			33/11 kV New S/s at Jawahar Nagar	Nov'19	Completed in Mar'22
138.			33/11 kV New S/s at Chailengta	Nov'19	Completed in Mar'22
139.			33/11 kV New S/s at 82 mile	Nov'19	Completed in Feb'22
140.			33/11 kV New S/s at Durga Chowmohani	Nov'19	Completed in Feb'22
141.			33/11 kV New S/s at Dhumachhera	Nov'19/ Dec'23	Civil work : 76% Equipment received: 70% Equipment erected: 30%
142.			33/11 kV New S/s at Tilla Bazar	Oct'19/ Dec'23	Civil work : 60% Equipment received : 50% Equipment erected : 20%  <b>Constraint if any:</b> Identified land is a marshy land with very low soil bearing capacity.
143.			33 kV S/s extension at 132/33 kV S/s P K Bari	Nov'19	Completed in June'21

S.No.	Package	Name of Agency	Name of line/substation	Sch./Ant. Comp.	Status
144.			33 kV S/s extension at Kalaisahar	Nov'19	Completed in May'21
145.			33 kV S/s Gandacherra (Cap. Aug)	Nov'19	Completed in Nov'21
146.			33 kV S/s Salema S/s (Cap. Aug)	Nov'19	Completed in Jan'22
147.			33 kV S/s Rangrung S/s (Cap. Aug)	Nov'19	Completed in Mar'21
148.			Chamanu S/s	Nov'19	Completed in Oct'21
149.	DMS-04		<b>Reconductoring of Dhalabil Kalyanpur</b>	Aug'22 Completed in Dec'22	In 7th PSC meeting of 31.01.2020 it was agreed that 3 Nos. priority lines near Agartala city will be constructed as new lines (with steel poles and wolf conductor) in place of reconductoring. Further TSECL was requested to assign priority to the balance lines so that a decision can be made for selection of the existing corridors which would require new lines (with steel poles and wolf conductor) restricting to the total cost of
150.	DMS-04		<b>Reconductoring of Mohanpur Agartala</b>	Aug'22 / Dec'23 Pole: 470/500 Strg:5.54 /18.54kM	
151.	DMS-04		<b>33kV Jirania - Khayerpur new line (in place of Reconductoring)- 13.25 k m</b>	Apr'22	

S.No.	Package	Name of Agency	Name of line/substation	Sch./Ant. Comp.	Status
	DMS-02		Reconductoring of Belonia - Rajnagar	To be deleted	reconductoring of 15 lines as per contract provision. TSECL has intimated their priority list in Jun'20. It has been approved in the 9 <sup>th</sup> PSC meeting dated 14.08.2021 to delete 12 reconductoring lines.
	DMS-02		Reconductoring of Belonia - Hriyshmukh	To be deleted	
	DMS-03		Reconductoring of Badarghat to Jangalia	To be deleted	
	DMS-03		Reconductoring of Rabindranagar 132/33 KV S/s to Kathlia	To be deleted	
	DMS-03		Reconductoring of Rabindranagar 132/33 KV S/s to Melaghar	To be deleted	
	DMS-03		Reconductoring of Badharghat to SM Nagar	To be deleted	
	DMS-03		Reconductoring of SM Nagar to Takarjala	To be deleted	
	DMS-04		Reconductoring of Teliamura to Kalyanpur	To be deleted	
	DMS-04		Reconductoring of Mohanpur to Hezamara	To be deleted	
	DMS-05		Reconductoring of Ambassa to Teliamura	To be deleted	
	DMS-01		Reconductoring of Julaibari to Bagafa	To be deleted	
	DMS-01		Reconductoring of Silachari to Tirthamukh	To be deleted	

**Financial Status of NERPSIP as on 31.10.2023:**

<b>Sl. No.</b>	<b>Particulars</b>	<b>Project head (in Crs.)</b>	<b>Other than Project cost (in Crs.)</b>	<b>Total (in Crs.)</b>
1	Amount received	Rs. 4,264.52	Rs. 639.32	Rs. 4,903.84
2	Amount spent	Rs. 4,217.60	Rs. 498.24	Rs. 4,715.84
3	Amount available	Rs. 46.92	Rs. 141.08	Rs. 188.00

**Statewise Expenditure in Oct 2023 :**

**(Figures in Rupees Crores)**

<b>State</b>	<b>Expenditure</b>
Assam	5.69
Manipur	0.81
Meghalaya	1.83
Mizoram	1.36
Nagaland	12.37
Tripura	5.94
<b>TOTAL</b>	<b>28.00</b>

## 2. Comprehensive Scheme of Transmission & Distribution System in Arunachal Pradesh & Sikkim

### **Background:**

Presently, only 05 out of 20 districts of Arunachal Pradesh are connected to transmission network at 132/220kV. The 33kV system is the backbone of power distribution system in the State. Due to low population density spread over its geographical area of 84,000 Sq.km, power demand in Arunachal Pradesh is scattered over large distances. Hence, it is necessary to strengthen the 132kV network in the state for proper voltage management and lower distribution losses. Similarly, the distribution system in Sikkim mainly relies on 66kV network, which needs to be strengthened substantially.

In view of this, it was proposed to take up projects for strengthening intra-state T&D systems of the two States through 31 new 132kV Sub-stations, 12 Substations of 66/11kV, 2153 km of transmission lines (132 & 220kV and 66kV) and 1923 km of transmission lines (33kV). The project is being implemented through POWERGRID.

### **General Details:**

Date of Govt. approval	: Oct'14
Implementing Agency	: POWERGRID
Estimated Cost (Rs. Crs)	: 4754.42 Cr.
Revised cost (Rs. Crs)	: 9129.32 Cr. (Approved in Mar'21)
Funding	: GOI
Approved Completion schedule	: Mar'24

### **Summary:**

State	Packages			Total
	Transmission Lines	Substations	Distribution Systems	
<b>Arunachal Pradesh</b>	23 (TW-01 to TW-03, TW-05 to TW-06, TW-08 to TW-13, TW-19, TW-21, & TW-24-26, TW-31, OPGW-Supply, OPGW Erect, Telecom, TW27, Pile fdn)	06 (SS-01A, SS-01B, SS-02 to SS-05)	09 (DMS-01A, DMS-01B, DMS-02 to DMS-04, DMS-05AB1, DMS-05AB2, DMS-05AB3, DMS-05C)	38

### **Details of Packages:**

#### **Arunachal Pradesh**

**Total no. of Packages: 38      No. of Awarded Packages: 38**

SN	Packages	Description	Remarks
1.	23 (TW-01 TW-02, TW-03, TW-05, TW-06, TW-08, TW-09, TW-10, TW-11, TW-12, TW-13, TW-19, TW-21, TW-24, TW-26, TW-29B, TW-30B, TW31, OPGW-Supply, OPGW-Erection, Telecom, TW-27, Pile fdn)	Transmission Lines	23 packages: Awarded
2.	06 (SS-01A, SS-01B, SS-02 to SS-05)	Sub-Stations	06 packages: Awarded

3.	09 (DMS-01A, DMS-01B, DMS-02 to DMS-04, DMS-05AB1, DMS-05AB2, DMS-05AB3, DMS-05C)	Distribution System	09 packages: Awarded
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### **Element wise progress:**

State	Transmission lines (in nos.)							
	220kV		132kV		66kV		33kV	
	Total	Completed	Total	Completed	Total	Completed	Total	Completed
<b>Arunachal Pradesh</b>	--	--	36	04	--	--	70	28
<b>Sikkim</b>	06	03	04	02	20	16	-	-
<b>Total</b>	<b>06</b>	<b>03</b>	<b>40</b>	<b>06</b>	<b>20</b>	<b>16</b>	<b>70</b>	<b>28</b>

State	New Substation or Augmentation work (in nos.)							
	220kV		132kV		66kV		33kV	
	Total	Completed	Total	Completed	Total	Completed	Total	Completed
<b>Arunachal Pradesh</b>	--	--	38	28	--	--	90	49
<b>Sikkim</b>	02	01	07	03	19	15	-	-
<b>Total</b>	<b>02</b>	<b>01</b>	<b>45</b>	<b>31</b>	<b>19</b>	<b>15</b>	<b>90</b>	<b>49</b>

### **Details Physical progress**

Total Elements Sanctioned (No.)	Elements Completed till Oct'23
292 (Sikkim-58, Arunachal-234)	149 (Sikkim-40, Arunachal-109)

### **Transmission line (EHV)**

<b>TW-01</b>		
Likabali-Niglok 132kV S/c line on D/c tower	Line Length (km)	: 66.05
	Tower Location (nos.)	: 223
	Foundation completed (nos.)	: 144
	Tower Erected (nos.)	: 88
	Stringing completed (km)	: 4.3
	Anticipated date of completion	: Dec'24
	Forest Status	: Stage-II received on 12.11.21.
	Constraint, if any	
<b>TW-02</b>		
Pasighat Old-Mariyang 132kV S/c line on D/c tower	Line Length (km)	: 48.25
	Tower Location (nos.)	: 186
	Foundation completed (nos.)	: 11

	Tower Erected (nos.) : 07 Stringing completed (km) : Anticipated date of completion : Dec'24 Forest Status : Stage-II received on 12.12.22 Constraint, if any - Compensation paid by PGCIL in Sep '22. Disbursement to be expedited in Upper Siang district for 138 loc. - No front available due to ROW by Landowner and Villagers for demanding compensation before starting of foundation work. Loc .25/0,26/0,38/0 46/0 work stopped by villagers.
<b>TW-03</b>	
Niglok-Pasighat New (Napit) 132kV S/c line on D/c tower	Completed in Sep'22
Pasighat New (Napit)-Pasighat Old 132kV S/c line on D/c tower	Declared Completed in Aug'23
<b>TW-05</b>	
Seppa-Rilo 132kV S/c line on D/c tower	Line Length (km) : 45.830 Tower Location (nos.) : 172 Foundation Completed (nos.) : 52 Tower Erected (nos.) : 33 Stringing completed (km) : 3.05 Anticipated date of completion : Dec'24 Forest Status : Stage-II received on 15.09.21 Constraint, if any - Pakke-Kesang District: Stiff resistance at all 51 locations under RF area
<b>TW-06</b>	
Rilo-Seijosa 132kV S/c line on D/c tower	Line Length (km) : 44.33 Tower Location (nos.) : 165 Foundation Completed (nos.) : 79 Tower Erected (nos.) : 35 Stringing completed (km) : 2.5 Anticipated date of completion : Dec'24 Forest Status : Stage-II received on 21.01.22 Constraint, if any : - ROW in tower foundation (AP1-82) - RoW issue at Pakke-Kesang District. - Work hampered due to non-cutting of forest trees from Seijosa end.
<b>TW-08</b>	
Sagali-Naharlagun 132kV S/c line on D/c tower	Line Length (km) : 38.57 Tower Location (nos.) : 109 Foundation completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Dec'24 Forest Status : Stage-II received on 09.02.22
<b>TW-09</b>	
Naharlagun-Banderdewa 132kV S/c line on D/c tower	Line Length (km) : 16.75 Tower Location (nos.) : 85 Foundation completed (nos.) : 40 Tower Erected (nos.) : 40 Stringing completed (km) : 6.5



	Anticipated date of completion : Dec'24 Forest Status : Stage-II received on 24.12.21
132kV S/c Chimpu-Holongi line	Completed in Apr'23
<b>TW-10</b>	
Rilo-Sagali 132kV S/c line on D/c tower	Line Length (km) : 33 Tower Location (nos.) : 142 Foundation completed (nos.) : 28 Tower Erected (nos.) : 08 Stringing completed (km) : Anticipated date of completion : Dec'24 Forest Status : Stage-II received on 31.08.21 Constraint, if any - Stiff resistance at 28 Locations in RF area (Papumpare District). - Stiff Resistance in 41 RF area in Pakke-Kesang Dist. - Tree cutting & Clearances issue to be resolved (Papum-Pare District)
<b>TW-11</b>	
Gerukamukh-Likabali 132kV S/c line on D/c tower	Line Length (km) : 52.274 Tower Location (nos.) : 180 Foundation Completed (nos.) : 103 Tower Erected (nos.) : 66 Stringing completed (km) : 2.631 Anticipated date of completion : Dec'24 Forest Status : Stage-II received on 15.09.21 Constraint, if any : - Balance check survey approx. 8 km pending due to stiff ROW & border dispute between Arunachal Pradesh and Assam. - Kamle District: Stiff resistance at 10 nos. locations in the RF area. - Lower Siang District: Stiff resistance at 15 nos. locations in the RF area. - Lower Siang District: 18 locations under boundary dispute between Assam & Arunachal Forest Departments under Likabali Forest Division (Laipulia Forest Range, Kangku)
<b>TW-12</b>	
Naharlagun-Gerukamukh 132kV S/c line on D/c tower	Line Length (km) : 90.58 Tower Location (nos.) : 284 Foundation completed (nos.) : 3 Tower Erected (nos.) : 0 Stringing completed (km) : Anticipated date of completion : Dec'24 Forest Status : Stage-II received on 20.07.22 Constraint, if any : <b>Papum Pare Dist</b> - Due to ROW and border disputes between Assam and Arunachal, District administration has suggested to re-route the line for 30 kms. Now 30 km survey completed. <b>Kamle District:</b> - A meeting was held at Dollungmukh, Kamle Dist on 10.02.23 with SDO, Dollungmukh, Circle Officers, RFO, GPMs, GPCs, village heads and landowners due to severe RoW in RF area. It was advised not to start any work without resolution of RF area compensation.
<b>TW-13</b>	
Ziro (PG)-Palin 132kV S/c line on D/c tower	Line Length (km) : 37.43 Tower Location (nos.) : 120

	Foundation Completed (nos.) : 17 Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Sep'24 Forest Status : Stage-II received on 18.07.23. Constraint if any :
Palin-Koloriang 132kV S/c line on D/c tower	Line Length (km) : 33.878 Tower Location (nos.) : 105 Foundation Completed (nos.) : 02 Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Dec'24 Forest Status : Working Permission awaited.
Daporijo-Nacho 132kV S/c line on D/c tower	Line Length (km) : 70.093 Tower Location (nos.) : 167 Foundation Completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Sep'24 Forest Status : Stage-II received on 18.07.23.
<b>TW-19</b>	
Jairampur-Miao 132kV S/c line	Line Length (km) : 34.301 Tower Location (nos.) : 121 Foundation completed (nos.) : 21 Tower Erected (nos.) : 07 Stringing completed (km) : 0 Anticipated date of completion : Dec'24 Forest Status : Stage-II clearance received on 31.03.21.
<b>TW-21</b>	
Tezu (PG)-Halaipani 132kV S/c line on D/c tower	Line Length (km) : 95.5 Tower Location (nos.) : 316 Foundation completed (nos.) : Tower Erected (nos.) : Anticipated date of completion : Dec'24 Forest Status : Working Permission awaited. Constraint if any : Working Permission awaited.
Roing (PG)-Dambuk 132kV S/c line on D/c tower	Line Length (km) : 33.9 Tower Location (nos.) : 95 Foundation Completed (nos.) : 31 Tower Erected (nos.) : 24 Stringing completed (km.) : Anticipated date of completion : Dec'24 Forest Status : Stage-II clearance awaited. Constraint, if any :
Roing (PG)-Anini 132kV S/c line on D/c tower	Line Length (km) : 78 Tower Location (nos.) : Foundation Completed (nos.) : Tower Erected (nos.) : Stringing completed (km.) : Anticipated date of completion : Dec'24 Forest Status : Stage-I clearance awaited. Constraint, if any : - Stage-I clearance is awaited.

	<div>- Route Approval pending.</div> <div>- Draft notification awaited from DC.</div>		
TW-24 (Part-A)			
Tawang-Lumla 132kV S/c line	Line Length (km)	:	26.90
	Tower Location (nos.)	:	99
	Foundation completed (nos.)	:	0
	Tower Erected (nos.)	:	0
	Stringing completed (km)	:	0
	Anticipated date of completion	:	Dec'24
	Forest Status	:	Stage-II received on 14.11.22.
	Constraint, if any:		- 07 locs in Lumla Area-Land Owners not responding (Loc AP69-AP75)
Khuppi-Seppa 132kV S/c line	Line Length (km)	:	48.872
	Tower Location (nos.)	:	147
	Foundation completed (nos.)	:	119
	Tower Erected (nos.)	:	106
	Stringing completed (km)	:	13.108
	Anticipated date of completion	:	Dec'24
	Forest Status	:	Stage-II received on 11.07.22.
	Constraint if any	:	<div>- Foundation ROW-12 locations (117-123) in Village Pampoli, people are not accepting compensation and interrupting the works &amp; ROW-AP130, AP131</div> <div>- Stringing started (West Kameng) but work stopped due to ROW.</div> <div>- Erection ROW: AP 94/0,93/0: Corridor compensation issue; ROW: AP 136/0,137/0:</div> <div>- In East Kameng, Balance 18 locs disbursement yet to done.</div>
Seppa-Bameng 132kV S/c line	Line Length (km)	:	29.337
	Tower Location (nos.)	:	118
	Foundation completed (nos.)	:	70
	Tower Erected (nos.)	:	60
	Stringing completed (km.)	:	6.245
	Anticipated date of completion	:	Dec'24
	Forest Status	:	Stage-II received on 20.09.21.
	Constraint, if any	:	<div>- Tree cutting required 25.59 km, Tree cutting works yet to start in Bameng Forest Division</div> <div>- Disbursement pending for 22 Locs.</div> <div>- Fdn ROW-Difficulty being faced due to non-co-operation of landowners for 03 locations.</div>
TW-26			
Along-Kambang 132kV S/c line on D/c tower	Line Length (km)	:	35.36
	Tower Location (nos.)	:	116
	Foundation completed (nos.)	:	30
	Tower Erected (nos.)	:	16
	Stringing completed (km)	:	
	Anticipated date of completion	:	Sep'24
	Forest Status	:	Working permission received on 24.04.23
Kambang-Mechuka 132kV S/c line on D/c tower	Line Length (km)	:	91.92
	Tower Location (nos.)	:	269
	Foundation completed (nos.)	:	06
	Tower Erected (nos.)	:	
	Stringing completed (km)	:	
	Anticipated date of completion	:	Dec'24

	Forest Status : Working Permission awaited. Constraint, if any : Working Permission awaited.
Along-Yingkiong 132kV S/c line on D/c tower	Line Length (km) : 95 Tower Location (nos.) : 311 Foundation completed (nos.) : 31 Tower Erected (nos.) : 06 Stringing completed (km) : Anticipated date of completion : Sep'24 Forest Status : Working permission received on 12.06.23
Yingkiong-Tuting 132kV S/c line on D/c tower	Line Length (km) : 78 Tower Location (nos.) : 290 Foundation completed (nos.) : 04 Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Sep'24 Forest Status : Working permission received on 24.05.23
<b>TW-29B</b>	
Deomali-Khonsa 132kV S/c line	Line Length (km) : 29.528 Tower Location (nos.) : 88 Foundation completed (nos.) : 80 Tower Erected (nos.) : 65 Stringing completed (km) : 8.197 Anticipated date of completion : Dec'24 Forest Status : Stage-II issued on 12.01.22. Constraint, if any: - 01 no. location under RoW in RF area and Forest Tree cutting are required for commence work with DFO, Deomali and Khonsa. - ROW-AP25-Landowner compensation yet to be finalized.
Khonsa-Changlang 132kV S/c line	Line Length (km) : 24.98 Tower Location (nos.) : 155 Foundation completed (nos.) : 0 Tower Erected (nos.) : 0 Stringing completed (km) : 0 Anticipated date of completion : Sep'24 Forest Status : Working permission received on 24.05.23. Constraint, if any: • Route Approval from DoP-AP Pending.
Khonsa-Longding 132kV S/c line on D/c tower	Line Length (km) : 25.231 Tower Location (nos.) : 86 Foundation completed (nos.) : 0 Tower Erected (nos.) : 0 Stringing completed (km) : 0 Anticipated date of completion : Sep'24 Forest Status : Working permission received on 24.05.23. Constraint, if any: Route Approval from DoP-AP Pending.
<b>TW-30B</b>	
Miao-Namsai (PG) 132kV S/c line on D/c tower	Line Length (km) : 41.045 Tower Location (nos.) : 138 Foundation completed (nos.) : 38 Tower Erected (nos.) : 29 Stringing completed (km) : 3.101 Anticipated date of completion : Dec'24

	Forest Status : Stage-II clearance received on 16.02.23. Constraint if any: <ul style="list-style-type: none"> <li>• ROW at 4/1,4/2 issue.</li> <li>• Route Approval Pending from DoP-AP.</li> <li>• Front not available because of paddy field &amp; water logging issue.</li> </ul>
Changlang-Jairampur 132kV S/c line	Line Length (km) : 50.5 Tower Location (nos.) : 205 Foundation completed (nos.) : 0 Tower Erected (nos.) : 0 Stringing completed (km) : 0 Anticipated date of completion : Dec'24 Forest Status : Stage-I clearance received on 14.06.23.
<b>TW-31</b>	
Khupi-Bomdila 132kV S/c line on D/c tower	Line Length (km) : 44.86 Tower Location (nos.) : 145 Foundation completed (nos.) : 01 Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Dec'24 Forest Status : Working Permission received on 28.07.23. Constraint, if any :
Bomdila-Tawang 132kV S/c line on D/c tower	Line Length (km) : 69.09 Tower Location (nos.) : 246 Foundation completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Sep'24 Forest Status : Working Permission received on 12.06.23. Constraint if any: - For Dirang portion, 29 locs advance landing ground proposed. Route to be diverted, Civil Aviation clearance required.
132kV S/C line Bomdila- Kalakthang	Line Length (km) : 53.6 Tower Location (nos.) : 219 Foundation completed (nos.) : 02 Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Dec'24 Forest Status : Stage-I clearance awaited.
132/33kV at Bomdila	Land acquisition : Handed over Civil work (%) : 51 Equipment received (%) : 60 Equipment erected (%) : Anticipated date of completion : Mar'24 Remarks: - Retaining wall: 5600/6000 Cu mtr completed, CRB: finishing work of CRB U/p. Tower Foundation-20/29 completed, T/F-06/07 completed.
132/33kV at Kalakthang	Land acquisition : Handed over Civil work (%) : 75 Equipment received (%) : 86 Equipment erected (%) : 18 Anticipated date of completion : Mar'24 Remarks : Equipment foundation u/p
132/33kV at Tawang	Land acquisition : Handed over.

	Civil work (%) : 17 Equipment received (%) : 25 Equipment erected (%) : Anticipated date of completion : Mar'24 Remarks: - Soil cutting completed in Terrace 4 and CRB 09 rafts and 11 columns of CRB up to plinth beam completed.
132/33kV Khupi Extension	Completed in Mar'23
132kV Bay Extn at Dukumpani	Successfully charged on 21.10.22

### Sub-stations EHV

<b>ARP-SS-01A</b>	
63 MVA, 132/33kV at Niglok	Completed in Mar'22
20 MVA, 132/33kV at Pasighat New	Completed in Dec'21
15 MVA, 132/33kV at Likabali	Land acquisition : Handed over Civil work (%) : 87 Equipment received (%) : 92 Equipment erected (%) : 85 Anticipated date of completion : Dec'23
132kV Pasighat Old (Extn)	Completed in Mar'21
<b>ARP-SS01B</b>	
132kV D/C Ziro (PG)-Ziro (New) Line	Line Length (km) : 12.24 Tower Location (nos.) : 42 Foundation completed (nos.) : 41 Tower Erected (nos.) : 40 Stringing completed (km) : 8.5 Anticipated date of completion : Dec'24 Forest Status : Working permission issued on 11.04.23. Constraint if any : - AP-7: Landowner not agreeing to 16x16 Sq mtr required for tower erection.
LILO of Daporijo-Along line at Basar	Successfully charge on 31.01.23
4x5 MVA, 132/3kV at Basar (New)	Completed in Mar'22
4x5 MVA, 132/33kV at Ziro (New)	Completed in Mar'22
4x5 MVA, 132/3kV at Gerukamukh	Completed in Jan'23
132/33kV Ziro (PG) Extn	Completed in Mar'22
<b>ARP-SS-02</b>	
4x5 MVA, 132/33kV at Seppa	Completed in Mar'21
4x5 MVA, 132/33kV at Rilo	Completed in Mar'21
4x5 MVA, 132/33kV at Seijosa	Completed in Feb'23
3x5 MVA, 132/33kV at Bameng	Land acquisition : Handed over Civil work (%) : 55 Equipment received (%) : 80 Equipment erected (%) : Anticipated date of completion : Mar'24 Remarks : Constraint if any : Road Condition from Bameng Entry gate, T point near Bameng Church to 132/33kV Bameng S/s which is approx. 1.7 km long is in a very bad

	condition. This creates a major issue for the supply of materials. The development of the road is under SIC investigation. Movement from Zero point to Bameng Substation has been fully stopped from 15.06.2023.
132kV Khupi (Extn)	Commissioned in July'19
<b>ARP-SS-03</b>	
4x5 MVA, 132/33kV at Sagali	Completed in Nov'22
63 MVA, 132/33kV at Naharlagun	Completed in Dec'21
63 MVA, 132/33kV at Banderdewa	Completed in Dec'21
20 MVA, 132/33kV at Holongi	Completed in Mar'21
132kV Chimpu (Itanagar) Extn.	Completed in Dec'20
<b>ARP-SS-04</b>	
15 MVA, 132/33kV at Khonsa	Completed in Mar'23
15 MVA, 132/33kV at Changlang	Completed in Feb'23
15 MVA, 132/33kV at Jairampur	Completed in Mar'21
15 MVA, 132/33kV at Miao	Completed in Mar'21
132kV Deomali (Extn.)	Completed in June'21 - Required 01 no. new 132kV bay for Khonsa Feeder at Deomali S/s. Matter deliberated in PSC meeting on 24.08.23 and agreed on replacement/refurbishment of unhealthy equipment such as Circuit Breaker, Relays etc.
132kV Namsai (PG) Extn.	Completed in Mar'20
<b>ARP-SS-05</b>	
132/33kV at Dambuk	Land acquisition : Handed over Civil work (%) : 70 Equipment received (%) : 95 Equipment erected (%) : 50 Anticipated date of completion : Mar'24
132/33kV at Kambang	Completed in Mar'23
132/33kV at Yingkiong	Completed in Mar'23. Approach road issue persists.
132/33kV at Koloriang	Land acquisition : Handed over Civil work (%) : 60 Equipment received (%) : 95 Equipment erected (%) : 15 Anticipated date of completion : Mar'24
132/33kV at Palin	Completed in Mar'23
132/33kV at Halaipani	Land acquisition : Handed over Civil work (%) : 60 Equipment received (%) : 95 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: CRB plinth beam completed, Tower foundation u/p.
132kV Tezu (Extn).	Completed in Mar'23
132kV Roing (Extn).	Completed in Mar'23
132kV Along (Extn).	Land acquisition : Handed over Civil work (%) : 85 Equipment received (%) : 85 Equipment erected (%) : Anticipated date of completion : June'24 Remarks : Tower & Eqpt. Fda completed
Augmentation 15 MVA, 132/33kV at Daporijo	Land acquisition : NA Civil work (%) :

	Equipment received (%) :	80
	Equipment erected (%) :	
	Anticipated date of completion :	June'24

### DMS Substation & Lines

<b>ARP-DMS-01A:</b>	
33/11kV new S/s at AIR, Pasighat	Completed in Mar'22
2x2.5 MVA, 33/11kV S/s at Jeying	Completed in Mar'22 Constraint If any: Approach Road demand note awaited.
2x2.5 MVA, 33/11kV S/s at Likabali	Completed in Mar'20
2x5 MVA, 33/11kV S/s at Mebo	Completed in Mar'21
2x5 MVA, 33/11kV S/s at Napit	Completed in Mar'20
2x2.5 MVA, 33/11kV S/s at Nari	Completed in Oct'21
2x2.5 MVA, 33/11kV Ngopok S/s	Completed in Jan'21
2x2.5 MVA, 33/11kV S/s at Oyan	Completed in Jan'21
2x2.5 MVA, 33/11kV S/s at Ruksin	Completed in Feb'21
Extn. of 33/11kV Old Pasighat S/s	Completed in Feb'21
<b>ARP-DMS-01A: Total-09 lines (183 km)</b>	
LOA Line Length (km)	: 183
Survey Line Length	: 162.8
Pole Location (nos.)	: 3424
Pole Erected (nos.)	: 3389
Stringing completed (km)	: 135.688 km
Anticipated date of completion	: Mar'24
Remarks	:
Constraint, if any	:
33kV Napit-Oyan TL	31 locations affected due to road widening of NHIDCL (Bharat Mala Project-04 Lane); Joint visit of POWERGRID, NHIDCL, DoP done on 16.01.23.
33kV Ruksin-Oyan (New)	27 locations were affected due to road widening of NHIDCL (Bharat Mala Project-04 Lane); Joint visit of NHIDCL, DoP done on 16.01.23. Except for this portion, the rest is complete.
<b>ARP-DMS-01B:</b>	
2x2.5 MVA, 33/11kV S/s at Gensi	Completed in Feb'23
2x2.5 MVA, 33/11kV S/s at Gerukamukh	Completed in Jan'21
2x5 MVA, 33/11kV S/s at Hapoli	Successfully charged on 29.12.21
2x2.5MVA, 33/11kV S/s at Igo	Completed in Mar'21
2x2.5MVA, 33/11kV S/s at Koyu	Completed in Jan'21
2x2.5MVA, 33/11kV S/s at Raga	Completed in Mar'21
2x2.5 MVA, 33/11kV S/s at Tirbin	Completed in Feb'21
2x5 MVA, 33/11kV S/s at Yazali	Completed in Oct'22
<b>Total-12 lines (414 km)</b>	
Line Length (km)	: 372
Survey Line Length	: 310
Tower Location (nos.)	: 7600
Tower Erected (nos.)	: 6752
Stringing completed (km)	: 235.2
Anticipated date of completion	: Mar'24
Remarks	: Pole erection work u/p.
Constraint, if any	:



33kV Koyu-Napit TL (48.47 km)	Assessment completed, Demand note submitted to SPIU, DOPAP. Consent awaited is awaited.
<b>ARP-DMS-02: As party was not performing and was referred to NCLT, the contract has been terminated, Retendered and re-awarded on Jan'21 to TATA Project Ltd.</b>	
2x2.5 MVA, 33/11kV Balem S/s	Completed in Mar'22
2x2.5 MVA, 33/11kV S/s at Bana	Land acquisition : Handed over. Civil work (%) : 25 Equipment received (%) : 70 Equipment erected (%) : 15 Anticipated date of completion : Dec'23 Remarks : - CRB slab completed and S/Y transformer fdn completed. Tower, equipment and Transformer Foundation completed. Constraints if any : - Original LOA awarded to M/s Technofab terminated and re-awarded to M/s TPL on 15.01.21.
2x2.5 MVA, 33/11 kV Khenewa S/s	Completed in Mar'23
2x2.5 MVA, 33/11kV S/s at Pipu	Land acquisition : Handed over. Civil work (%) : 20 Equipment received (%) : 65 Equipment erected (%) : 10 Anticipated date of completion : Mar'24 Remarks : CRB, Switchyard work in progress. Constraints if any : - Original LOA awarded to M/s Technofab terminated and re-awarded to M/s TPL on 15.01.21.
2x2.5 MVA, 33/11kV S/s at Rilo	Completed in Dec'22
2x2.5 MVA, 33/11kV S/s at Seijosa	Completed in Feb'23
2x2.5 MVA, 33/11kV S/s at Thriziono	Land acquisition : Handed over. Civil work (%) : 63 Equipment received (%) : 65 Equipment erected (%) : 10 Anticipated date of completion : Dec'23 Remarks : CRB roof casting, Tower Foundation, Equipment foundation, PTR foundation, Cable trench, Internal drains and Road completed. Constraints if any : - Original LOA awarded to M/s Technofab terminated and re-awarded to M/s TPL on 15.01.21.
Extn. of 33/11 kV Bameng S/s	Completed in Mar'22
Extn. of 33/11 kV Khupi S/s	Complete in Mar'20
<b>Total-06 lines (148.79 km)</b>	
Line Length (kms)	: 148.763 km
Pole Location (nos.)	: 3922
Pole Erected (nos.)	: 2215
Stringing completed (kms)	: 31.2
Anticipated date of completion	: Mar'24
Remarks	: Pole foundation & erection in progress.
Constraint if any	:
Original LOA awarded to M/s Technofab Sep'16	
LOA re-placed to M/s TATA on 15.01.21.	
<b>ARP-DMS-03:</b>	

2x2.5 MVA, 33/11kV S/s at AP Secretariat	Completed in Nov'22
2x5 MVA, 33/11kV S/s at Doimukh	Successfully charged on 25.09.19
2x2.5 MVA, 33/11kV S/s at Gohpur Tinali	Land acquisition : Handed over. Civil work (%) : 05 Equipment received (%) : Equipment erected (%) : Anticipated date of completion : June'24 Remarks : Land Dispute Constrain if any : - Land Possession on 15.09.21
2x5 MVA, 33/11kV S/s at Jote	Work completed in Mar'20
33/11kV S/s at Bumla (Y-Junction)	Land acquisition : Handed over. Civil work (%) : 72 Equipment received (%) : 80 Equipment erected (%) : 0 Anticipated date of completion : Nov'23 Remarks : - Tower & Equipment Foundation completed. Roof Slab Casted, Brickwork and Plastering completed of CRB completed. Constrain if any : - Limiting working window in Tawang Area - Land Possession on 25.06.18
2x2.5 MVA, 33/11kV S/s at Leporiang	Completed in Mar'21
2x2.5 MVA, 33/11kV S/s at Lumla	Land acquisition : Handed over. Civil work (%) : 0 Equipment received (%) : 20 Equipment erected (%) : 01 Anticipated date of completion : Mar'24 Remarks : Constrain if any : - Land Possession on 10.11.22.
2x2.5 MVA, 33/11kV S/s at Mukta	Land acquisition : Handed over. Civil work (%) : 60 Equipment received (%) : 80 Equipment erected (%) : 12 Anticipated date of completion : Sep'23 Remarks : - CRB brick work and plastering completed, RRM wall up/p, Indoor & Outdoor cable trench with support structure completed. Constrain if any : - Limiting working Season in Tawang Area - Land Possession on 30.09.17
2x5 MVA, 33/11kV S/s at Pappu Nallah	Completed in Feb'23
2x5 MVA, 33/11kV S/s at Raj Bhawan	Completed in Dec'20
33/11 kV S/s at Thimbu	Land acquisition : Handed over. Civil work (%) : 80 Equipment received (%) : 80 Equipment erected (%) : 02 Anticipated date of completion : Sep'23

	Remarks : - CRB Roof Slab Casted, Brickwork and External Plaster completed. Cable trench excavation u/p. - T/F Foundation: Rod binding u/p - Towers Foundation-completed, Equipment Foundation-12/20 completed. - Earth mat laying u/p. - Tower Erection-completed, Equipment Erection-03/28 Constrain if any : - Limiting working season in Tawang Area - Land Possession received on 14.08.19
Extn. of 33/11kV Chimpu S/s	Completed in Dec'20
Extn. of 33/11kV Jang S/s	Completed in Mar'21
<b>Total-10 lines (201 km)</b> LOA Line Length (km) : 201 Survey line length : 118.6 Pole Location (nos.) : 3070 Pole Erected (nos.) : 2554 Stringing completed (km) : 90.9 Anticipated date of completion : June'24 Remarks : Pole erection work under progress. Constraint, if any	
<b>ARP-DMS-04: As the party was not performing and was referred to NCLT, the contract has been terminated. Retendered and re-awarded in Dec'20.</b>	
2x5 MVA, 33/11kV S/s at Changlang	Completed in June'23. Constraint if any - Originally co-located with 132kV Station. - Subsequently de-located and possession of new land issued in Sep'21
2x5 MVA, 33/11kV S/s at Khonsa	Land acquisition : Handed over. Civil work (%) : 09 Equipment received (%) : 65 Equipment erected (%) : 10 Anticipated date of completion : Dec'23 Remarks: - Boundary wall brick and plaster work u/p. CRB footing excavation. Constraint if any: - Original LOA awarded to M/s Technofab Aug'16, LOA re-awarded to M/s TPL on 14.12.20. Land possession received in Sep'21
2x2.5 MVA, 33/11kV S/s at Kanubari	Completed in Jan'23
2x2.5 MVA, 33/11kV S/s at Kharsang	Completed in Dec'22
2x2.5 MVA, 33/11kV S/s at Khimiyong	Land acquisition : Handed over. Civil work (%) : 30 Equipment received (%) : 75 Equipment erected (%) : 10 Anticipated date of completion : Feb'24 Remarks: - Site leveling 90% completed. Control Room Building (CRB) curing work under progress. - Site Levelling-90% completed, Boundary Wall-212/280 mtr - Approach Road-30/180 mtr, CRB Roof Casting pending Constraint if any :

	- Original LOA awarded to M/s Technofab Aug'16, LOA re-awarded to M/s TPL on 14.12.20.
2x2.5 MVA, 33/11kV S/s at Longding	Completed in Nov'22
2x2.5 MVA, 33/11kV S/s at Manmao	Completed in Dec'22
33/11kV S/s at Diyun	Land acquisition : Handover Civil work (%) : 15 Equipment received (%) : 72 Equipment erected (%) : Anticipated date of completion : Mar'24 Remarks: - CRB Excavation brick wall, lintel beam with sunshade shuttering work u/p. Stone piling of isolator u/p Constraint if any : - Original LOA awarded to M/s Technofab Aug'16, LOA re-awarded to M/s TPL on 14.12.20. - Land possession received in Sep'21
2x5 MVA, 33/11kV S/s at Choukham	Completed in Mar'22
33/11kV S/s at Deomali	Completed in Oct'22
33/11kV S/s at Namsai	Completed in Mar'22
33kV Miao (Augmentation)	Completed in Mar'21
Extn. of 33/11kV Deomali S/s	Completed in Mar'22
<b>Total-09 lines</b> Line Length (kms) : 270.3 km Pole Location (nos) : 6806 Pole Erected (nos) : 2138 Stringing completed (kms) : 47.86 Anticipated date of completion : Mar'24 Remarks : Pole Erection work and stringing work under process. Constraint if any : Original LOA awarded to M/s Technofab Aug'16, LOA re-awarded to M/s TPL on 14.12.20.	
<b>ARP-DMS-05AB1: New contract awarded to M/s Vikran on 09.08.23: Old Contract terminated due to poor performance (ARP-DMS-05A &amp; ARP-DMS-05B)</b>	
33/11kV Geku 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 03 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24
33/11kV Maryang 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24
33/11kV Jengging 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 3 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: Constraint If any: Approach Road demand note awaited.
33/11kV Tuting 2x2.5 MVA	Land acquisition : Handed Over

	Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: Engineering activities under progress Constraint if any: Approach Road demand note awaited.
33/11kV Boleng 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 10 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: Control room building foundation completed.
33/11kV Existing Geku HEP S/s	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: Engineering activities under progress
<b>DMS Lines (DMS-05AB1): Total-04 lines</b> LOA Line Length (km)(S/c) : 127 LOA Line Length (km)(D/c) : 16 Survey Line Length (km) : 159.2 Tower Location (nos.) : 4494 Foundation completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : June'24 Remarks : Constraint if any :	
<b>ARP-DMS-05AB2: New contract awarded to M/s Ramky on 21.06.23: Old Contract terminated due to poor performance (ARP-DMS-05A &amp; ARP-DMS-05B)</b>	
33/11kV Tali 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks : Contour survey completed Constraint if any :
33/11kV Nyapin 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks : Soil investigation done.
33/11kV Sippi 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 3 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: CRB work started.
33/11kV Thalia 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0

	Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: Contour & line survey completed.
33/11kV Giba (Dumporijo) 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 5 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of Completion : June'24 Remarks: CRB Raft 03 nos. completed
33/11kV Nacho 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 3 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: CRB excavation and bar binding under progress.
Bay Ext. at 33/11kV Sangram S/s	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24
<b>DMS Lines (DMS-05AB2): Total-05 lines</b> LOA Line Length (km) (S/c) : 168 LOA Line Length (km)(D/c) : 02 Survey Line Length (km) : 155.273 Tower Location (nos.) : 4154 Foundation completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : June'24	
<b>ARP-DMS-05AB3 New contract awarded to M/s Ramky on 21.06.2023: Old Contract terminated due to poor performance (ARP-DMS-05A &amp; ARP-DMS-05B)</b>	
33/11kV Mechuka 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: Engineering activities under progress
33/11kV Koreng 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 3 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: Boundary wall foundation under progress.
33/11kV Rumgong 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 2 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: Site leveling under progress
33/11kV Kaying 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 3 Equipment received (%) : 0 Equipment erected (%) : 0

	Anticipated date of completion : June'24 Remarks: Boundary wall foundation and plinth beam completed.
33/11kV Maro 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 2 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: Site leveling completed.
33/11kV Murimugli 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 2 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: Site leveling work completed.
33/11kV Existing Along S/s	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: Engineering activities under progress
<b>DMS Lines (DMS-05AB3): Total-08 lines</b>	
LOA Line Length S/C (km) : 170	
LOA Line Length (km)(D/c) : 10	
Survey Line length (km) : 131	
Tower Location (nos.) : 3997	
Foundation completed (nos.) :	
Tower Erected (nos.) :	
Stringing completed (km) :	
Anticipated date of completion : June'24	
<b>ARP-DMS-05C: Awarded to VIKRAN</b>	
33/11kV Anini S/s	Land acquisition : Handed Over Civil work (%) : 12 Equipment received (%) : 60 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: Constraint if any : - Landowner not allowing to work and demanding for shifting of Anini S/s to another location
33/11kV Bijari S/s	Completed in Mar'23. Approach Road issue (Compensation payment u/p)
33/11kV Bolung S/s	Completed in Mar'23 - Approach Road issue (Compensation payment u/p)
33/11kV Etalin S/s	Land acquisition : Handed Over Civil work (%) : 17 Equipment received (%) : 62 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Constraint if any : - Approach road payment made to APDA account. Payment pending from APDA to DC account.
33/11kV Simari Augmentation S/s	Land acquisition : Handed Over Civil work (%) : 40

	Equipment received (%) : 78 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: - Switchyard all foundation excavation completed. - Tower Foundation completed, Tower Erection-07/09 completed. - T/F Foundation-02/02 completed.:
33/11kV Augmentation Roing S/s	Completed in Mar'23
33/11kV Existing Simari S/s	Land acquisition : Handed Over Civil work (%) : 35 Equipment received (%) : 75 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: - Switchyard all foundation excavation completed. - Tower Foundation completed (9/9). - T/F Foundation-02/02 1 <sup>st</sup> lift complete. Constraint if any : - No Station Transformer was envisaged as per DPR. Matter may be put up and deliberated in next PSC meeting.
33/11kV Halaipali (Lautul) S/s 2x5 MVA	Land acquisition : Handed over. Civil work (%) : 10 Equipment received (%) : 100 Equipment erected (%) : 0 Anticipated date of Completion : Mar'24 Remarks: Site leveling, CRB Stone Piling work in progress. - 01 no. 33 kV Bay required at 33/11 kV Halaipani S/s. Matter may be put and deliberated in the next PSC meeting. - Increase in 11 kV outgoing Feeder's bays. The matter may be put up and deliberated in next PSC meeting
33/11kV Hawai S/s 2x5 MVA	Land acquisition : Land Handed over. Civil work (%) : 70 Equipment received (%) : 100 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Site levelling work. - Boundary Wall-Not required. Existing B.W. intact. - CRB Slab casting complete. - Ceiling plastering complete. Bricks work in progress (15%). - Towers Foundation-09/09, PTR Foundation-02/02
33/11kV Wallong S/s 2x5 MVA	Land acquisition : Land Handed over. Civil work (%) : 10 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of Completion : Mar'24 Remarks: - Excavation completed for Boundary wall, CRB, switchyard, all towers & foundation. - Tower, CRB PCC completed, 11 nos. CRB footing PCC done.11 footing raft casting done.11 nos. CRB column casting WIP. - Switchyard tower & equipment foundation WIP.
Cap. addition at 33kV Tezu S/s	Declared completed in Oct'23



Cap. addition at 33kV Wakro S/s	Land acquisition : NA Civil work (%) : 5 Equipment received (%) : 100 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: - Existing equipment Foundation dismantling completed. - 5 MVA PTR-2 nos. PCC, raft (2nd lift) complete. Oil pit PCC done. Steel cutting & binding of 3rd lift & Oil collection pit raft 2nd lift WIP. Constraint if any : - 01 no. 33 kV line bay and 01no. 11 kV Outgoing Feeder required. The matter may be put up and deliberated in the next PSC meeting.
Cap. addition at 33kV Hayuliang S/s	Land acquisition : NA Civil work (%) : 25 Equipment received (%) : 100 Equipment erected (%) : 0 Anticipated date of completion : June'24 Remarks: - Tower foundation WIP. PCC done and casting WIP (4/9). - PTR Bar binding & raft casting WIP (0/2). 2nd lift of raft complete. - PTR oil pit reinforcement WIP. Station T/F placing in new DP Structure to be done. Constraint if any : - No Station Transformer was envisaged as per DPR. Matter may be put up and deliberated in next PSC meeting.
<b>Total-09 lines</b> LOA Line Length (km) : 242 Survey Line Length : 197 Pole Location (nos.) : 4507 Pole completed (nos.) : 1091 Stringing completed (km) : 13.42 Anticipated date of completion : June'24 Remarks : Pole erection and stringing work is under progress	

### Sikkim

Total no. of packages: 10

No. of packages awarded: 10

SN	Packages	Description	Remarks
1.	03 (TK-01, TK-02, TK-04)	Transmission Lines	3 packages: Awarded
2.	07 (SS-01, SS-03, SS-04, SS-06 to SS-09)	Sub-stations	7 packages: Awarded

<b>TK-01</b>	
220kV D/C Samardong-Dikchu (to be operated initially at 132kV)	Completed in Feb'23
220kV D/C Legship Pool-New Melli line Twin moose conductor	Commissioned on 12.10.17
220kV D/C line Rangpo (PG)-Samardong (to be operated initially at 132kV)	Completed in Feb'22
<b>TK-02</b>	
132kV D/C Dikchu-Perbing line	Line Length (kms) : 25.21

	Tower Location (nos) : 126 Foundation completed (nos) : 120 Tower Erected (nos) : 114 Stringing completed (kms) : 19.02 Anticipated date of completion : Dec'23 Constraint if any: Forest Clearance: Working permission obtained on 19.08.23. Tree cutting in progress. Remarks: Foundation, tower erection and stringing under progress.
66kV S/C Khamdong-Temi TL, 66kV S/C Khamdong-Makha TL	During Secy. (Power) visit to Sikkim in 1 <sup>st</sup> week of Apr'21, it was agreed that POWERGRID will now take up the construction of transmission lines in Khamdong area according to the diverted route. Accordingly, instead of Khamdong-Makha and Khamdongh Temi lines, 66/11kV Makha-Temi line is being constructed.
66kV D/C Makha-Temi TL	Line completed in Mar'22
66kV D/C Dikchu pool-Makha TL	Line completed in Nov'21
66kV S/C Samardong-Namthang TL	Line completed in Mar'22
66kV S/C Samardong-Mamring TL	Line completed in Oct'21
66kV D/C Samardong-Kumrek TL	Line completed in Dec'21
66kV D/C Kumrek-Rorathang TL	Line completed in Nov'21
66kV D/C Rorathang-LiLo point on Pakyong-Rongli Line	Line completed in Mar'21
66kV S/C Perbing-Sichey Line	Line completed in Mar'23
66kV S/C Perbing-Tadong Line	Line completed in Mar'23
66kV D/C Perbing-Pangthang Line	Line Length (kms) : 8.36 Tower Location (nos) : 3 Foundation completed (nos) : 3 Tower Erected (nos) : 3 Stringing completed (kms) : 3.74 Anticipated date of completion : Dec'23 Constraint if any: Nil
<b>TK-04</b>	
220kV D/C line Singhik-Chungthang twin moose conductor (to be operated initially at 132kV)	Line Length (kms) : 29.02 Tower Location (nos) : 123 Foundation completed (nos) : 108 Tower Erected (nos) : 108 Stringing completed (kms) : 21.97 Anticipated date of completion : Dec'23 Constraints: Working permission received. Tree cutting in progress. Remarks: Foundations, tower erection and Stringing work under progress.
220kV D/C line Dikchu-Singhik Twin moose conductor (to be operated initially at 132kV)	Line Length (kms) : 22.44 Tower Location (nos) : 132 Foundation completed (nos) : 130 Tower Erected (nos) : 129 Stringing completed (kms) : 18.19 Anticipated date of completion : Dec'23 Constraint if any: RoW at 02 nos. location. Remarks: Foundation, Tower erection and stringing works under progress
66kV S/C Singhik-Passingdong Line	Line completed in Dec'21
66kV S/C Singhik-Mangan (Extn.) Line	Line completed in Feb'22
66kV D/C Chungthang-Lachen Line	Line completed in Nov'22

66kV D/C Chungthang-LILO of Rabon-Malting line	Line completed in Jan'22
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<b>SS-01</b>	
220/132/66kV Legship Pool (New) S/s	Land acquisition : Handed over Civil work (%) : 94 Equipment received (%) : 90 Equipment erected (%) : 91 Anticipated date of completion : Dec'23 Constraint if any:
132/66/11kV Dikchu Pool (New) S/s	Completed in July'23
66/11kV Temi (New) S/s	Completed in Jan'23
66/11kV Khamdong (New) S/s	Land acquisition : Handed Over Constraint if any: During Secy. (Power) visit to Sikkim in 1 <sup>st</sup> week of Apr'21, it was agreed that as long time is required for construction of Khamdong S/s at new location, the new S/s should be dropped from the scheme and the existing S/s at Khamdong is to be augmented in consultation with E&PD, Govt. of Sikkim.
66/11kV Kumrek (New) S/s	Completed in Mar'22
66/11kV Namthang (New) S/s	Completed in Sep'23
66/11kV Rorathang (New) S/s	Completed in Jun'22
66/11kV Makha (New) S/s	Completed in Mar'22
66/11kV Mamring S/s Extn	Completed in Mar'21
<b>SS-03</b>	
132/66/11kV Chungthang (New) S/s	Land acquisition : Handed over. Civil work (%) : 37 Equipment received (%) : 55 Equipment erected (%) : 0 Anticipated date of completion : Dec'24 Constraint if any : Remarks: Chungthang Substation completely washed out in recent flood in Sikkim.
132/66/11kV Singhik (New) S/s	Land acquisition : Handed over. Civil work (%) : 94 Equipment received (%) : 70 Equipment erected (%) : 56 Anticipated date of completion : Dec'24 Constraint if any : Remarks:
66/33kV Lachen (New) S/s	Land acquisition : Handed over. Civil work (%) : 27 Equipment received (%) : 45 Equipment erected (%) : 0 Anticipated date of completion : Dec'24 Constraint if any : Remarks: Could not reach substation due to approach road issue.
66/11kV Passingdong (New) S/s	Land acquisition : Handed Over Civil work (%) : 49 Equipment received (%) : 50 Equipment erected (%) : 0 Anticipated date of completion : Dec'24 Constraint if any : Remarks: Connecting bridge collapsed in recent flood in Sikkim.

66/11kV Mangan (Extn)	Completed in Mar'21
66/11kV Old Namchi (Extn)	Completed in Mar'21
<b>SS-04</b>	
132/66/11kV Samardong (New) S/s	Completed in Feb'23
132/66kV Parbing (New) S/s	Land acquisition : Handed over in Nov'20. Civil work (%) : 98 Equipment received (%) : 75 Equipment erected (%) : 93 Anticipated date of completion : Dec'23 Remarks:
132kV Rangpo (PG) S/s Extn.	Completed in Mar'22
<b>SS-06</b>	
66/11kV Rinchenpong (New) S/s	Completed in Mar'22
Termination of Sagbari-Geyzing 132kV S/C line at Legship pool to form Legship pool Geyzing 132kV S/C line	Completed in Aug'21
66kV LILO of Gayzing-New Namchi line to Rinchenpong	Completed in Mar'21
LILO of 132kV S/C existing Rangit-Melli terminated at Legship pool	Completed in Nov'21
<b>SS-07</b>	
66/11kV Sombaria (New) S/s	Land acquisition : Handed over. Civil work (%) : 64 Equipment received (%) : 70 Equipment erected (%) : 24 Anticipated date of completion : Mar'24 Constraint if any Remarks:
66/11kV Rellichu (New) S/s	Land acquisition : Handed over. Civil work (%) : 14 Equipment received (%) : 70 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Constraint if any : Remarks:
66/11kV Rohthak S/s Extn	Completed in Mar'22.
66/11kV Geyzig S/s Extn	Completed in Mar'22
66kV S/C Rohthak-Sombaria TL	Completed in Mar'22
66kV S/C Geyzing-Rellichu TL	Line Length (kms) : 13.16 Tower Location (nos) : 97 Foundation completed (nos) : 87 Tower Erected (nos) : 41 Stringing completed (kms) : 3.8 Anticipated date of completion : Dec'23 Constraint if any: RoW clearance of 01 loc. awaited. Remarks: Tower foundation, erection under progress
<b>SS-08</b>	
66/11kV Pangthang (New) S/s	Completed in Mar'21
66/11kV Sichey S/s Extn.	Completed in Mar'21
66/11kV Tadong S/s Extn.	Completed in Mar'21
<b>SS-09</b>	
132/66kV Namchi (New) S/s	Land acquisition : Handed over.

	Civil work (%) : 89 Equipment received (%) : 80 Equipment erected (%) : 52 Anticipated date of completion : Dec'23 Constraint if any : Remarks:
66/11kV New Namchi S/s Extn.	Completed in Mar'21
220kV New Melli Bay Ext.	Completed in Jan'21
LILO of 132kV S/C Rangit-Melli (Power Deptt., Sikkim) at Namchi	Line Length (kms) : 2.26 Tower Location (nos) : 15 Foundation completed (nos) : 13 Tower Erected (nos) : 10 Stringing completed (kms) : 0.58 Anticipated date of completion : Dec'23 Constraint if any : Tree cutting under progress.
66kV S/C Namchi-Old Namchi TL	Line Length (kms) : 4.13 Tower Location (nos) : 8 Foundation completed (nos) : 5 Tower Erected (nos) : 4 Stringing completed (kms) : 2.2 Anticipated date of completion : Dec'23 Constraint if any : Tree cutting under progress.
66kV S/C Namchi-New Namchi TL	Line Length (kms) : 3.52 Tower Location (nos) : 19 Foundation completed (nos) : 18 Tower Erected (nos) : 18 Stringing completed (kms) : 0.70 Anticipated date of completion : Dec'23 Constraint if any : Tree cutting under progress.

**Fund position under Comprehensive Scheme Arunachal Pradesh & Sikkim:**

SN	Particulars	Amount (in Cr.)
1.	Amount received till Oct'23	Rs. 6276.86
2.	Amount spent till Oct'23	Rs. 6087.08
3.	Amount available as on 01 <sup>st</sup> Nov'23	Rs. 189.78

### 3. Prime Minister Development Package-2015

#### A. Transmission Package (132 kV & above)

##### 1.0 Background

In order to cater to a projected peak demand of 3095 MW at the end of plan period (2017-22) and for evacuation of power from upcoming generation projects proposed to be commissioned during this plan period, the existing transmission infrastructure was to be upgraded by way of adding adequate transformation capacities at 220 kV and 132 kV levels and constructing new EHV transmission lines and associated substations. Accordingly, a transmission plan was prepared phasing the transmission works over a period starting from 2016-17 to 2021-22. The perspective transmission plan 2016-17 to 2021-22 has been integrated with the distribution plan up to 33 kV.

##### 1.1 General Details

MoP approval	: Jan'2017
Implementing agencies	: PGCIL, JKPDD and REC
Initial Sanctioned Cost (Rs. crs)	: Rs. 1189.59 Cr
RCE Cost (Rs. crs)	: 2064.97 Cr
RCE	: Approved on 19.07.2021
Total Projects	: 32 Nos.
Completed	: 26 Nos.
Under Progress	: 6 Nos.

PIA		JKPDD (JKPTCL)		PGCIL		RECTPCL	Total
Jammu	Total Project	9		3		1	13
	Status	Completed: 7	Under Progress: 2	Completed: 3	Under Progress: 0	Under Progress:1	Completed: 10
Kashmir	Total Project	13		3		1	17

	<b>Status</b>	Completed: 12	Under Progress: 1	Completed: 3	Under Progress: 0	Completed:1	Completed: 16
<b>Ladakh</b>	<b>Total Project</b>	0		0		2	2
	<b>Status</b>	--		--		Under Progress: 2	Completed: 0

**List of all PMDP 2015 projects:**

S. No.	Project	Length (ckm)/ Capacity addition (MVA)	PIA	PMA	SCOD	Anticipated/Actual COD	Status/Remark
<b>Jammu Region</b>							
1.	a) LILO of 132 kV D/C Canal– Miran Sahib Tr. line at Chatha	1.6 ckm	JKPTCL	RECPDCL	Mar-2020	Nov-2023	Foundation : 03/03 Tower erected : 03/03 Line In completed and Line Out pending. LILO tapping 50% done.
	b) 132/33 kV Chatha Grid S/S	100 MVA	JKPTCL	RECPDCL	Mar-2020	Nov-2023	Civil Work Completed : 99% Equipment Received: 100% Equipment Erected: 99% Grid Station Put on Load on 11.08.2023
2.	a) LILO of Ckt-1 of 220 kV D/C Hiranagar- Bishnah Tr. line at Jatwal (LILO-I)	4 ckm	JKPTCL	RECPDCL		May-2021	Completed on 11.05.2021
	b) LILO of Ckt-2 of 220 kV D/C Hiranagar- Bishnah Tr. line at Jatwal (LILO-II)	3 ckm	JKPTCL	RECPDCL	Mar-2020	Dec-2023	LOA issued on 11.04.2022 Foundation: 13/13 Tower erected: 12/13
3.	Augmentation of 132/66/33 kV Janipur S/S from (2x50) MVA to (3x50) MVA	50 MVA	JKPTCL	RECPDCL		Nov-2019	Completed on 10.11.2019

4.	a) Augmentation of 132/66/33 kV Sidhra-I (2x20) MVA to (1x20+1x50) MVA	30 MVA	JKPTCL	RECPDCL		Jan-2020	Completed on 25.01.2020
	b) Augmentation of 132/66/33 kV Sidhra-II (1x50+1x20) MVA to (2x50) MVA	30 MVA	JKPTCL	RECPDCL		Apr-2021	Completed on 11.04.2021
5.	Augmentation of 132/66/33 kV PouniChak (1x50) MVA to (2x50) MVA	50 MVA	JKPTCL	RECPDCL		Nov-2019	Completed on 13.11.2019
6.	Augmentation of 132/66/33 kV Kathua (2x50+1x20) MVA to (3x50) MVA	30 MVA	JKPTCL	RECPDCL		Jun-2019	Completed on 27.06.2019
7.	a) Augmentation of 132/66/33 kV Miran Sahib-I (1x50+2x20) MVA to (2x50+1x20) MVA	30 MVA	JKPTCL	RECPDCL		Mar-2018	Completed on 16.03.2018
	b) Augmentation of 132/66/33 kV Miran Sahib-II (2x50+1x20) MVA to (3x50) MVA	30 MVA	JKPTCL	RECPDCL		Mar-2018	Completed on 16.03.2018
8.	Re-conductoring of 132 kV D/C Hiranagar-Kathua Tr. line at Panther ACSR (HTLS)	152 ckm	JKPTCL	RECPDCL		Dec-2022	Completed on 21.12.2022
9.	Twinning of bus bar of 220 kV at Hiranagar	-	JKPTCL	RECPDCL		Dec-2022	Completed on 21.12.2022
10.	a) LILO of 220 kV D/C Hiranagar-Gladni Tr. line at Chowadhi	1 ckm	PGCIL	RECPDCL		Jan-2023	Completed
	b) 220/33 kV Chowadhi S/S	160 MVA	PGCIL	RECPDCL		Jan-2023	Completed
11.	a) LILO of 220 kV D/C Hiranagar-Bishnah Tr. line at Samba S/S	12 ckm	PGCIL	RECPDCL		Jul-2021	Completed
	b) 220/66 kV Samba S/S	160 MVA	PGCIL	RECPDCL		Jul-2021	Completed



12.	a) LILO of 220 kV D/C Thein- Hiranagar Tr. line at Kathua-II (Ghatti) )	5 ckm	PGCIL	RECPDCL		Jul-2021	Completed
	b) 220/66 kV Kathua-II (Ghatti)	160 MVA	PGCIL	RECPDCL		Jul-2021	Completed
13.	a) LILO of 220 kV S/C Barn-Kishanpur Tr. line at Nagrota	5.5 ckm	RECPDCL	PGCIL	Nov-2022		Under construction (details are mentioned below)
	b) 220/33 kV Nagrota S/S	100 MVA	RECPDCL	PGCIL	Nov-2022		
Kashmir Region							
14.	LILO of 220 kV D/C Wagoora-Mirbazar Tr. line at Lassipora	12 ckm	JKPTCL	RECPDCL		Oct-2021	Completed on 26.10.2021
15.	LILO of 220 kV D/C one circuit of Alusteng-New Wanpoh Tr. line at Tailbal	7 ckm	JKPTCL	RECPDCL		Nov-2023	Foundations: 19/19 Tower Erection: 18/19 Stringing: 9/12 ckm Line completed except for stringing at one location due to litigation.
16.	Construction of 220kV D/C New Wanpoh Mirbazar Transmission line	10 ckm	JKPTCL	RECPDCL		Feb-2021	Completed
17.	Extension of 220kV D/C Mirbazar- Alusteng Tr. line	12 ckm	JKPTCL	RECPDCL		Aug-2023	Completed
18.	LILO of 220kV D/C Zainkote – Delina at Kunzar (Sterlite S/S)	20 ckm	JKPTCL	RECPDCL	Jan-2020	Ckt I: May-2018 Ckt II: Jan-2020	Ckt I completed : 17.05.2018 Ckt II completed: 30.01.2020
19.	Construction of 150 MVA, 132/33 kV Grid Station Tengpora (GIS)	150 MVA	JKPTCL	RECPDCL		Aug-2023	Completed
20.	Augmentation of 132/33 kV Zainakote Grid S/S	50 MVA	JKPTCL	RECPDCL		Sep-2022	Completed
21.	Augmentation of 132/33 kV Bemina Grid S/S	50 MVA	JKPTCL	RECPDCL	Mar-2019	Sep-2022	Completed
22.	Augmentation of 132/33 kV Cheshmashahi Grid S/S	50 MVA	JKPTCL	RECPDCL		Jan-2020	Completed
23.	Augmentation of 132/33 kV Chadoora Grid S/S	50 MVA	JKPTCL	RECPDCL		Oct-2021	Completed

24.	Augmentation of 132/33 kV Khunmuh (Khrew) A Grid S/S	50 MVA	JKPTCL	RECPDCL		May-2020	Completed
25.	LILO of 132 kV D/C Budgam-Bemina Tr. line at Tengpora using Power Cable	8 ckm	JKPTCL	RECPDCL		Aug-2023	Completed
26.	Replacement of 132 kV D/C existing (Pampore-Cheshmashahi and Pampore-Khonmoh) Tr. line	56 ckm	JKPTCL	RECPDCL	Dec-2020	Jul-2022	Completed
27.	220/33 kV Haripora (Tailbal) (GIS) Grid S/S (Earlier Batpora)	160 MVA	PGCIL	RECPDCL		Aug-2023	Testing Completed in Aug-2023.  <b>Remark:</b> Charging pending as incomer line from Alusteng s/s is under construction by JKPTCL.
28.	132/33 kV Khanvar (GIS) Grid S/S	100 MVA	PGCIL	RECPDCL		Feb-2022	Completed
29.	132 kV D/C Wanganpora-Khanyar line (using Power Cable)	10 ckm	PGCIL	RECPDCL		Dec-2021	Completed
30.	220/33 kV Lassipora (GIS) Grid S/S	160 MVA	RECPDCL	PGCIL	Jul-2020	Oct-2021	Completed
<b>Ladakh Region</b>							
31.	a) 220 kV S/C Phyang- North Phullu Tr. line	38 ckm	RECPDCL	PGCIL	Oct-2023	Oct-2024	Under construction (details are mentioned below)
	b) 220 kV S/C North Phullu – Diskit Tr. line	40 ckm	RECPDCL	PGCIL	Oct-2023	Oct-2024	
	c) 220/33 kV GIS at Diskit	50 MVA	RECPDCL	PGCIL	Oct-2023	Oct-2024	
32.	a) 220 kV S/C Drass- Kochik Tr. line	55 ckm	RECPDCL	PGCIL	Oct-2023	Oct-2024	Under construction (details are mentioned below)
	b) 220 kV S/C Kochik-Rangdrum Tr. line	64 ckm	RECPDCL	PGCIL	Oct-2023	Oct-2024	
	c) 220 kV S/C Rangdrum-Padum Tr. line	68 ckm	RECPDCL	PGCIL	Oct-2023	Oct-2024	
	d) 220/33 kV GIS at Padum	50 MVA	RECPDCL	PGCIL	Oct-2023	Oct-2024	

**Physical progress of under construction projects under PMDP 2015 (PIA: RECPDCL)**

**Transmission line in Jammu Region:**

**(i) LILO of Barn - Kishanpur at Nagrota 220kV S/C line**

Total Length	:	5.5 ckm
Tower Locations (Nos.)	:	23 (Forest: 16; Private land: 5; State Govt. land: 2)
Foundations (Nos.)	:	Not started
Tower Erected (Nos.)	:	Not started
Stringing completed (ckm)	:	Not started
Scheduled Date of Completion	:	Nov-2022 (EPC Agency Terminated)
Anticipated Date of Completion	:	Re-tendering to be initiated.
LoA issued	:	06.11.2020 (consequent to allotment of land by JKPTCL)
Forest Clearance approval	:	29.11.2022.
Forest Rights Act (FRA) certificate	:	16.09.2022.
Stage-I approval	:	06.12.2022.

- Foundation for 21 out of 23 towers will be started shortly subject to clearance from Defense & Forest Department. For remaining 02 towers under State Govt. Land, the foundation work has been started.
- Transfer of State Land (02 nos.) to JKPTCL has been issued by DC Office, Jammu vide letter dated: 20.10.2022.
- Proposal for acquisition of Private Land is also submitted at DC Office, Jammu for approval with all the requisite supporting documents.
- NOC for Construction of LILO of 220 KV Udhampur-Gladni Transmission Line in restricted & notified area under Works of Defense Act 1903 has been received on 18.04.2023.

**Remarks/ Constraint if any:**

- Contract of M/s KDBIL has been terminated vide RECPDCL letter dated 27.09.2023.

**Substation in Jammu Region:**

**(i) Nagrota S/s 220/33kV, 2x50MVA (PIA: RECPDCL)**

Land Acquisition (in %) : Completed

Civil Work Completed (in %)	:	45%
Equipment Received (in %)	:	23%
Equipment Erected (in %)	:	Nil
Scheduled Date of Completion	:	Nov-2022(Contract Terminated)
Anticipated Date of Completion	:	Re-tendering to be initiated

- LoA issued on 06.11.2020, consequent to allocation of land by JKPTCL.
- Inspection of 220 & 33 kV CT, PT & 220 kV CVT has been completed.
- Dispatch Instructions for 02 nos. Power Transformers has been issued on 12.10.2022 & 25.10.2022.
- 06 nos. 220 kV SF6 Circuit Breaker received at site and 01 no. 33 kV VCB received at site.
- Dispatch Instruction for 297.046 MT (raw material), 236.323 MT substation structure materials (Finished Good), Nuts & bolts (Foundation bolts) 38.243 MT and Nut & Bolts (for S/stn, tower stubs, line earth) 0.314 MT have been issued.
- Design of 220 kV & part of 33 kV Gantry Tower foundations have been approved.
- Construction of Control Room Building: Brick work (800/810 Sqm) completed, Indoor plaster (1200/1220 Sqm) completed and outdoor plaster (370/400 Sqm) completed.
- Work of tower foundation in 220 kV switchyard is under progress (23/23 raft completed and 23/23 column completed) and construction of RCC retaining wall is under progress (1090/1840 Cum completed).
- Construction of RRM retaining wall (634/5000 Cum) in progress.
- Foundation work at 33 kV Tower completed.
- Foundation work of 220 kV Switchyard equipment: - Circuit breaker: (18/18) column completed, Isolator: (57/63) raft in progress, Column (114/126) completed, Current transformer: Raft (15/18) completed, Column (15/18) completed, CVT: Raft and Column completed, Lightning arrestor: Raft (6/12) & Column (6/12) in progress, Bus post insulators: Raft (20/46) & column (20/46) in progress.
- Foundation work of 33kV Switchyard equipment: - Current transformer: Raft (21/24 Nos) & Column (21/24 Nos) in progress, Power transformer: completed upto column, Surge arrestor: Column (15/21) in progress, Bus post insulator: PCC (7/16), Raft (7/16), Column (7/16) in progress.
- Foundation work of 50 MVA Power Transformers is completed

#### **Transmission line in Ladakh Region:**

##### **(i) Drass - Padum (Zaskar) 220kV S/C line on D/C tower (PIA: RECPDCL)**

Total Length	:	195.28 Km
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Tower Locations (Nos.)	: 662
Foundations completed (Nos.)	: 360
Tower Erection (Nos.)	: 110
Stringing completed (ckm)	: Nil
Scheduled Date of Completion	: Oct-2023
Anticipated Date of Completion	: Oct-2024

- NoA had been issued to successful bidders on 18.06.2021.
- Approval under Section-68 of Electricity Act has been accorded by Secretary (Power), UT Ladakh on 01.08.2022.
- Notification for Section-164 of Electricity Act 2003 issued on 23.01.2023.
- Approval of 32 locations w.r.t. NH Crossings has been received from NHIDCL (31 locations) & BRO (01 location) vide letters dated: 17.10.2022 & 21.09.2022 respectively.
- Manufacturing Quality Plan for Tower Structure and Nut & Bolt, Re-rollers, conductor and hardware fittings, disc insulators have been approved.
- Field Quality Plan for Transmission Line has been approved.
- Vendor for Supply of Conductor, Tower Structure & stub, tower accessories & earthing material have been approved.
- Preliminary consent from Forest/wildlife department on the route has been received.
- NOC regarding IAF Clearance received on 05.01.2023.
- In line with DGRE recommendations, route profile have been approved for sections of transmission line wherein no prior clearance is required.
- All the foundation drawings of Normal Circular Raised Chimney & Special Circular Chimney for DA, DB, DC & DD type towers have been received from PGCIL and released to EPC Agencies. Further, order for additional foundation drawings (Equal/Unequal Leg Extensions with raised chimney) for soil type SFR, FS, Hard Rock and WFR has also been placed on PGCIL on 14.10.2022. Some of the drawings has been received and the remaining is expected to be received soon.
- Route profile & Check Survey approval have been approved.
- Inspections of raw material i.e., steel sections (angles) are being done regularly and as on date dispatch instruction for approx. 17869.176 MT material have been issued.
- Inspection of Finished tower material, nuts & bolts are being done regularly and as on date dispatch instruction for approx. 15807.118 MT has been issued.
- Dispatch instruction of approx. 335.991 Km ACSR Deer Conductor has been issued and received at site.
- Inspections of ACSR Deer conductor has been completed and dispatch instruction for 74.564 Km have been issued and received at site.
- Finished tower part (approx. 12133 MT), Nut & Bolt including pack washers (approx. 608 MT) have reached at site.

- Facility of Intermediate store for transportation and storage of materials has been extended to all EPC agencies.
- Soil investigation tests completed.

(ii) **Phyang (PGCIL) - Diskit (Nubra) 220kV S/C line on D/C tower**

Total Length	: 77.6 Km
Tower Locations (Nos.)	: 291
Foundations completed (Nos.)	: 103
Tower Erection (Nos.)	: 44
Stringing completed (ckm)	: Nil
Scheduled Date of Completion	: Oct-2023
Anticipated Date of Completion	: Oct-2024

**Remarks/ Constraint, if any :**

- NoA had been issued to successful bidders on 18.06.2021.
- Application for forest & wildlife clearance has been submitted on Parivesh portal on 29.01.2022.
- During the 72nd meeting of standing Committee of National board for WildLife held on 25/04/2023 the proposal for use of 157.93 ha of forest are has been recommended subject to study conducted by Wildlife Institue of India with regard to the impact of infrastructure development in Ladakh on the movement of wildlife.
- Approval under Section-68 of Electricity Act has been accorded by Secretary (Power), UT Ladakh on 01.08.2022. LPDD published notification in Newspaper and Gazette of UT Ladakh.
- Notification for Section-164 of Electricity Act 2003 issued on 23.01.2023.
- Manufacturing Quality Plan for Tower Structure and Nut & Bolt, Re-rollers, Hardware Fitting & Disc Insulators has been approved.
- Field Quality Plan for Transmission Line has been approved.
- Vendor for Supply of Conductor, Tower Structure & stub, tower accessories & earthing material have been approved.
- Preliminary consent from Forest/wildlife department on the route has been received.
- NOC regarding IAF Clearance received on 05.01.2023.
- Route profile and check survey of 37.76 km has been completed.
- Inspection of raw material i.e. steel sections (angles) is being done regularly and as on date dispatch instruction for approx. 4494.151MT materials has been issued.
- Inspection of Finished tower material, nuts & bolts are being done regularly and as on date. Dispatch instruction for approx. 3125.406 MT has been issued.
- 40 Km ACSR Deer Conductor received at site.

- All the foundation drawings of Normal Circular Raised Chimney & Special Circular Chimney for DA, DB, DC & DD type towers have been received from PGCIL and released to EPC Agencies. Further, order for additional foundation drawings (Equal/Unequal Leg Extensions with raised chimney) for soil type SFR. FS, Hard Rock and WFR has also been placed on PGCIL on 14.10.2022. Some of the drawings has been received and the remaining is expected to be received soon.
- Finished tower part (approx. 3644.34 MT), Nut & Bolt including pack washers (approx. 123.55 MT) have reached at site.

### **Sub-Stations in Ladakh Region:**

#### **(i) Bay at Drass 220/66kV, 1x100MVA**

Land Acquisition (in %)	:	Completed
Civil Work Completed (in %)	:	75%
Equipment Received (in %)	:	85%
Equipment Erected (in %)	:	Nil
Scheduled Date of Completion	:	Oct-2023
Anticipated Date of Completion	:	Oct-2024

#### **Remarks/ Progress if any :**

- NoA had been issued to successful bidders on 18.06.2021.
- Approval of engineering design & drawings is under progress.
- LA up to column 2<sup>nd</sup> lift with bolt fixing completed.

#### **(ii) Padum S/s 220/33kV, 1x50MVA**

Land Acquisition (in %)	:	Completed
Civil Work Completed (in %)	:	65%
Equipment Received (in %)	:	60%
Equipment Erected (in %)	:	Nil
Scheduled Date of Completion	:	Oct-2023
Anticipated Date of Completion	:	Oct-2024

#### **Remarks/ Constraint if any :**

- NoA had been issued to successful bidders on 18.06.2021.
- Source for civil raw material & testing agencies have been identified
- Soil testing points have been approved and soil testing has been completed.
- Engineering of sub-station has been started

- Test reports of Soil investigation test have been approved.
- Various Engineering drawings such as Contour Drawing, Land Development, Single Line Diagram, Overall General Arrangement, 33 kV GIS Equipment Arrangement Layout have been approved.
- Ordering of major equipment such as Power Transformer, 220 kV & 36 kV GIS, 245 kV Reactor have been completed.
- Standard Field Quality Plan for Civil Works has been released to EPC agency.
- GTP & drawings of major equipment such as 220 kV & 36 kV GIS, 245 kV Reactor, Power Transformer, FOTE, Online DGA have been approved.
- Civil progress: Control room building – 70% (1<sup>st</sup> floor Slab under progress) Completed, 33 kV GIS building- 75% Completed, 220 kV GIS building – 30% Completed, Power Transformer & Reactor foundation- 8/8 (80% Completed), Firewall –85% Completed (out of 6 nos, 4 nos completed and 2 nos. done upto mid beam level), Residential Qtrs Xen –75%, JE Qtr- 40%, SBA Qtr-40% Completed, Boundary wall- 45%, 3TA Tower- 100%, 220 kV Tower- 50%, DG Building- 70%, Store shed- 50%, Parking shed- 40%.

**(iii) Bay at Phyang 220/33kV, 50MVA (PIA: RECPDCL)**

Land Acquisition (in %) : Completed  
 Civil Work Completed (in %) : 80%  
 Equipment Received (in %) : 85%  
 Equipment Erected (in %) : 10%  
 Scheduled Date of Completion : Oct-2023  
 Anticipated Date of Completion : Oct-2024

**Remarks/ Constraint if any :**

- NoA had been issued to successful bidders on 18.06.2021.
- SLD, EKD & BoM drawings have been approved.
- 220 kV GIS Bay Module, LCC panel for Phyang has been approved.
- Inspection of 220 kV GIS Bay Module has been completed and DI has been issued.
- Supply of all equipments except Tower and Equipment structure completed.
- 01 no. tower completed.
- 9 nos. equipment completed.
- Cable trench for LCC panel completed.
- Erection works to start by 07.09.2023.
- C&R Panel erection completed
- 220kV GIS erection of bay extension work at Phyang completed.



- Work has encountered a temporary halt due to unfavorable climatic conditions in the Ladakh region. Despite this, the overall progress showcases a well-managed and executed project, laying the groundwork for successful completion in the near future.

**(iv) Diskit (Nubra) 220/33kV, 1x50MVA (PIA: RECPDCL)**

Land Acquisition (in %)	: Completed
Civil Work Completed (in %)	: 70%
Equipment Received (in %)	: 35%
Equipment Erected (in %)	: Nil
Scheduled Date of Completion	: Oct-2023
Anticipated Date of Completion	: Oct-2024

**Remarks/ Constraint if any :**

- NoA had been issued to successful bidders on 18.06.2021.
- Reports of soil investigation tests have been approved.
- Drawings of Concrete Block has been approved.
- Single Line Diagram (SLD) & Overall General Arrangement (OGA) drawing have been approved.
- All Civil drawings of Control Room Building, 33 kV GIS building and Architecture drawings, Security Hut, Store Room, Road cross-sectional details have been approved.
- Foundation drawings for 220 kV outdoor equipment and 11 kV Double Pole structure have been approved.
- Ordering for major equipment such as Power Transformer, 220 kV & 36 kV GIS, 220 kV & 36 kV Surge Arrester, DG Set, Battery Charger has been completed.
- GTP & drawings of 220 kV & 36 kV GIS, LCC Panel, Battery Charger, LT Switchgear, Power Transformer & EOT have been approved. Further, GTP & drawings of LT Transformer, LA & BPI are under approval.
- Inspection of XLPE Power Cable has been carried out. Dispatch instruction issued.
- Civil Works: Control Room Building – 85% completed, 33kV GIS Building – 85% (Finishing works under Progress), 220kV GIS Building – 55% completed, Power Transformer foundation – 3/4 (75% Completed), Firewall – 3/3 (95% Completed), 220kV Tower foundation – 2/2 (100%) Completed, Residential Qtrs for Xen – 85%, AE qtr – 85%, JE Qtr -85%, Boundary wall – 675/675 RM (95% Completed)
- Standard Field Quality Plan for Civil Works has been released to EPC agency.

**Fund Status where PIA is JKPTCL:**

**Jammu Region:**

Scheme Cost	Expenditure (Upto Oct'23)
Rs 133.99 crores	Rs 73.005 crores

**Kashmir Region:**

Scheme Cost	Expenditure (Upto Oct'23)
Rs 152.10 crores	Rs 116.171 crores

**Fund Status where PIA is PGCIL:**

(All figures in Rs Crore)

Details	Sanction Cost	Current cost	Central Share		State Share			Total			Available
			Request ed	Released	Request ed	Released	Bal	Received	Utilized	%	
Jammu & Kashmir	426.14	329.25	302.65	247.38	37.36	36.50	0.86	283.88	283.88	100	0

**Fund Status where PIA is RECPDCL:**

(All figures in Rs Crore)

S. No.	PROJECTS (PIA- RECPDCL)	Total Scheme Sanctioned cost*	Amount Received	Amount Spent	Amount Remaining
		A	B	C	E=A-(B+C)
1	220/33 kV, 100 MVA Nagrota Substation along with LILO of Barn Kishenpur, Jammu	1343.88	354.72	5.82	0**
2	220/33 kV, 160 MVA Lassipora GIS Substation, Kashmir			72.75	

3	<ul style="list-style-type: none"> <li>• Construction of 50 MVA, 220/33 kV Diskit Substation and Bay Extension work at existing Substation at Leh (Phyang)</li> <li>• Construction of 50 MVA, 220/33 kV Padum Substation and Bay Extension work at existing Substation at Drass &amp; 25 MVAR reactor at Padum</li> <li>• 220 kV S/C Phyang (PGCIL) to Diskit Transmission Line on D/C Tower</li> <li>• 220 kV S/C Drass to Padum (PGCIL) to Diskit Transmission Line on D/C Tower</li> </ul>			251.28	
		1343.88	354.72	329.85	0**

*\*Only project cost considered excluding PMA/PIA Charge*

*\*\*Balance Fund at the end of the FY 2022-23 has been returned back to MoP as per the OM No. 605/CCA-Power/Loan/UC/2022-23/153 dated 29.03.2023*

## 4. PRIME MINISTER'S RECONSTRUCTION PLAN 2004

### Background

The transmission system covered under PMRP-2004 for PDD, J&K includes construction of 73 projects of 220 kV and 132 kV lines and associated substations, augmentation of existing substations, and re-conductoring of existing lines etc. in both Jammu & Kashmir region of J&K in order to improve the transmission network for efficient transmission of power generated within the state as well as power received from neighboring States.

The cost escalation of Rs. 194.56 cr (Rs. 1545.56 crores - Rs. 1351 crores) for T&D projects is included under PMDP-2015 and is 100% funded from budget head of Ministry of Power. Sanction order was issued by MoP on 31.03.2017

**Status (Financial & Physical) of various schemes under Honorable Prime Minister's Reconstruction Plan for Jammu & Kashmir being implemented by JKPDD**

Initial Sanctioned cost: Rs.1351.705 crores

RCE sanctioned cost: Rs. 1545.56 crores

Sl. No.	Name of Scheme / Project	Date of Sanction	Sanctioned Amount (Scheme Cost) (Rs. in lakhs)	Original date of Completion	Revised Date of Completion	Cost Over-Run	Time Over-Run	Financial Status			Physical Progress and Executing Agency
								Cum-expenditure as on March, 2023 (Rs. in lakhs)	Expenditure during current financial year (Rs. in lakhs)	Cum-expenditure Till date (Oct'23) Rs. in lakhs)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	<b>JAMMU REGION</b>										
(A)	<b>TRANSMISSION LINES</b>										
	<b>220kV Transmission Lines</b>										

1	Barn- Kishenpur D/c Line (37.4Kms) 105 towers	2004	1583.40	2006-07	2008-09	N	Y	1583.32	0.0	1583.32	Line commissioned on 6/2008. <b>Executing Agency:</b> PDD, J&K
2	LILO of Kishenpur-Pampore D/c line at Ramban (2 km) 6 towers	2004	140.80	2009-10	-	N	N	140.792	0.0	140.792	Commissioned.  <b>Executing Agency:</b> PDD, J&K
3	Stringing of conductor on 2 <sup>nd</sup> ckt Thein-HiraNagar Line (40.4 km)	2004	528.20 Proposed revised cost= 670.30	2008-09	-	Y	Y	656.89	0.00	656.89	completed  <b>Executing Agency:</b> PDD, J&K
4	Miran Sahib-Bishnah D/c line (9.73 km) 29 towers	2004	567.9	2009-10	2010-11	N	Y	431.18	0.0	431.18	Line commissioned on 25.03.11. <b>Executing Agency:</b> M/s KEC
5	Hira Nagar-Bishnah D/c line (92 Kms, 136 towers)	2004	4684.00 Proposed revised cost= 5300.42	2007-08	2014-15	Y	Y	6028.84	00	6028.84	Line commissioned.  <b>Executing Agency:</b> M/s KEC
6	Barn-Bishnah D/c line								0		Barn-Bishnah D/c line: Foundation: 0/169 Tower Erection: 0/169 Stringing: 0/45.5 Kms Package is awarded to RS Infraprojects and

												Trans Global on 28.02.2023. Expected completion: Feb'25 (2 years from award). <b>Executing Agency:</b> M/s KEC
<b>132kV Transmission Lines</b>												
7	LILO of Gladni-Hiranagar D/c line at Bari-Brahmana-II (2.7 km) 11 towers	2004	159.20	2007-08	-	N	N	133.471		0.0	133.471	Line has been commissioned in December, 2007.  <b>Executing Agency:</b> PDD, J&K
8	Rajouri-Draba (Poonch) D/c line 35.12km (original-35.00 km) 123 towers (original-122 towers)	2004	1548.498	2008-09	-	N	N	1548.50		0.0	1548.50	Ckt -1 of the line commissioned on 29.11.2008 and 2 <sup>nd</sup> ckt on 7.2.2009.  <b>Executing Agency:</b> PDD, J&K
9	Barn-Katra 132 kV line (39.74 Kms)	2004	1094.4 (870.20 +224.2)	2009-10	2010-11	N	Y	1004.53		0.0	1004.53	Barn - Katra section completed and charged on 16.10.11.  <b>Executing Agency:</b> PDD, J&K
10	Stringing of 2 <sup>nd</sup> circuit of Barn-Reasi Trans.Line (21.00 Kms)											Abandoned as the line is not available.

											<b>Executing Agency:</b> PDD, J&K
11	LILO of Gladni-MiranSahib line at Gangyal ( 1.0 km) 2 towers	2004	39.5	2008-09	-	N	N	17.96	0.0	17.96	Completed.  <b>Executing Agency:</b> PDD, J&K
12	Re-conductoring (Panther to AAAC) of 132 kV Ring main around Jammu City	2004	494.9	2008-09	-	N	N	495.031	0.0	495.031	Completed.  <b>Executing Agency:</b> PDD, J&K
13	Reconductoring from AAAC Panther to ACSR Zebra and allied stabilization of 132 kV S/c Gladni-Janipur transmission line.										
14	Draba-Chandak S/C on D/C towers (28.60 km) 74 towers	2004	1007.7	2009-10	2011-12	N	Y	924.35	0.0	924.35	Completed  <b>Executing Agency:</b> PDD, J&K
15	Barn-Siot 132 kV D/c line	2004	2165.6 Proposed revised cost= 2720.52	2009-10	2011-12	Y	Y	3490.87	0.0	3490.87	Completed.  1. Barn-Akhnoor section commissioned on 12.07.2010
16	Siot-Kalakote 132 kV D/c line	2004	990.8	2009-10	2010-11	N	Y				

17	LILO of 132 kV D/c Barn-Siot line for Akhnoor Grid		Proposed revised cost= 770.36								2. Akhnoor-Kalakot section commissioned on 17.11.2011  <b>Executing Agency:</b> M/s KEC
18	LILO of Ring Main at Pounichak (2.58 km) 7 towers.	2004	121.3	2008-09	2011-12	N	Y	121.29	0.0	121.29	Commissioned on 15.12.2011.  <b>Executing Agency:</b> PDD, J&K
19	LILO of CSTL-I D/c line at Ramban (3.50 km) 11 towers	2004	161.4 (Proposed revised cost = 406.10)	2009-10	2010-11	N	Y	161.11	0.0	161.11	Completed. LILO arrangement stands electrically charged.  <b>Executing Agency:</b> PDD, J&K
20	Ramban – Batote - Khellani 132 kV D/c line	2004	3764.80 Proposed revised cost= 5217.415	2009-10	2014-15	Y	Y	6554.78	0.0	6554.78	Ramban – Batote - Khellani 132 kV D/c line Foundation: 13/16 Tower Erection: 0/16 Stringing: 0/8 Kms Ramban to Khellani may be completed by end of Dec'2023 by PGCIL  Khilani – Kishtwar 132 kV D/c line Foundation: 0/52 Tower Erection: 0/57
21	Khilani – Kishtwar 132 kV D/c line										



												Stringing: 0/41.2 km <b>Executing Agency:</b> M/s KEC
22	Thathri - Bhalessa S/c line	2004	842.6 Proposed revised cost= 1617.00	2009-10	2014-15	Y	Y	1759.85		0.0	1759.85	Foundation: 0/13(5) Tower Erection: 0/25 (28) Stringing: 0/28.34 km <b>Executing Agency:</b> M/s KEC
23	Re-conductoring of 132 kV CSTL-Udhampur to Thathar (Banihal) (80.00 km)	2004	1273.6	2008-09	2014-15	Y	Y	1273.59		0.0	1273.59	Completed.  <b>Executing Agency:</b> PDD, J&K
24	Hira Nagar-Battal Manwal D/c line (38.563 km) 109 towers.	2004	1650.10 Proposed revised cost= 2022.13	2009-10	2014-15	Y	Y	1562.90			1562.90	completed  <b>Executing Agency:</b> M/s KEC
(B)	SUBSTATIONS											
	220/132kV Substations											
25	Barn [2x160 MVA 220/132 kV]	2004	4539.2	2007-08	2009-10	N	Y	3874.46		0.0	3874.46	2 Nos. 160 MVA, 220/132 KV Power Transformer commissioned.  <b>Executing Agency:</b> PDD, J&K
26	Bishnah [2x160 MVA,	2004	6925.31	2009-10	2011-12 (220kV)	N	Y	6133.57		0.0	6133.57	Commissioned

	220/132 kV and 2x50 MVA, 132/33 kV]		(Including 132/33kV system)		2012-13 (132/33 kV)						<b>Executing Agency:</b> PDD, J&K (132/33kV); M/s A2Z and UB Engg. (220kV)
27	Ramban [3x40 MVA, 220/132 kV and 1x20 MVA 132/33 kV]	2004	4783.3 (Including 132/33kV system) Proposed revised cost= 5436.55	2009-10	2011-12	Y	Y	4589.12	0.0	4589.12	Commissioned  <b>Executing Agency:</b> M/s KEC
28	Construction of 220 kV line Bays 06 Nos.	2004	1072.3	2007-08	2014-15	N	Y	672.421	0.0	672.421	Completed.  <b>Executing Agency:</b> PDD, J&K
29	Augmentation of 132/66 kV G/stn Kathua from 70 MVA to 100 MVA	2004	383.5	2007-08		N	N	383.29	0.0	383.29	Completed.  <b>Executing Agency:</b> PDD, J&K
30	Augmentation of 132/66 kV G/stn Samba from 50 MVA to 100 MVA	2004	593.4	2007-08		N	N	543.80	0.0	543.80	Completed.  <b>Executing Agency:</b> PDD, J&K
31	Augmentation of 132/66 kV G/stn Hiranagar from 42.5 MVA to 72.5 MVA	2004	383.5	2007-08		N	N	379.63	0.0	379.63 (Increase owing to price escalation)	Completed.  <b>Executing Agency:</b> PDD, J&K

	132/33kV Sub-stations											
32	Bari Brahmana-II [2x50 MVA, 132/66 kV]	2004	2573.10	2007-08		N	N	2328.845		0.0	2328.845	Completed.  <b>Executing Agency:</b> PDD, J&K
33	Gangyal [1x50 MVA 132/33 kV]	2004	1785.3	2008-09		N	Y	1514.7		0.0	1514.7	Completed.  <b>Executing Agency:</b> PDD, J&K
34	Katra(50 MVA) [1x50 MVA, 132/33 kV]	2004	1774.7 Proposed revised cost= 1844.04	2009-10	2011-12	Y	Y	1751.85		0.0	1751.85	Completed.  <b>Executing Agency:</b> M/S Shreem Capacitors Pvt. Ltd. Bangalore
35	Pounichak [1x50MVA, 132/33 kV]	2004	1672.0 Proposed revised cost= 1672.00	2009-10	2011-12	Y	Y	1589.11		0.0	1589.11	50 MVA, 132/33 KV Power Transformer commissioned on 15.12.2011.  <b>Executing Agency:</b> M/S Shreem Capacitors Pvt. Ltd. Bangalore
36	Chandak (Poonch) [1x20 MVA, 132/33 kV]	2004	1388.10 Proposed revised cost =1499.60	2009-10	2011-12	Y	Y	1286.72		0.0	1286.72	Testing & Commissioning of 20 MVA Power Transformer completed and charged on load on 29.12.11.

											<b>Executing Agency:</b> M/s SPIC-SMO & A2Z
37	Kishtwar [2x20 MVA, 132/33 kV]	2004	2005.3 Proposed revised cost= 2220.75	2009-10	2013-14	Y	Y	2005.30	0	2005.30	Commissioned.  <b>Executing Agency:</b> M/s KEC
38	Bhalessa [2x10 MVA 132/33 kV]	2004	1388.10 Proposed revised cost= 1593.429	2009-10	2013-14	Y	Y	1374.45	0	1374.45	Completed but not commissioned. Charged from 33kV side.  <b>Executing Agency:</b> M/s KEC
39	Siot [1x50 MVA, 132/33 kV]	2004	2007.9	2009-10	-	N	N	2007.90	0.0	2007.90	Completed  <b>Executing Agency:</b> <b>Damodar Technologies Pvt Ltd.</b>
40	Battal Manwal [1x50 MVA, 132/33 kV]	2004	1774.70	2009-10	2013-14	Y	Y	1694.67	0.0	1694.67	Completed.  <b>Executing Agency:</b> M/s SPIC-SMO & A2Z
41	Construction of 132 kV line bays 10 Nos. (2 each at grid station	2004	1165.5	2007-08	2013-14	N	Y	1164.79	0.0	1164.79	Completed  <b>Executing Agency:</b>

	Akhnoor, Miran Sahib, Draba, Khellani and Hiranagar)											PDD
42	Communication/ PLCC converted into OPG		2102.60 (Proposed Revised cost – 2380.03)	36 months from MoU i.e. 30.01.2015	(Minimum 12 months from the date of release of balance funds of Rs 21.09Cr )	Y	Y	2806.12		22.72	2828.84	<p>Revised Project Cost estimate is Rs. 89.48 Cr involving 76 Nos of links for both Jammu &amp; Kashmir. (as per Letter to CEA dated 22.06.2022 &amp; email dated 05.07.2023 to PSE&amp;TD, CEA for onward approval of RCC, MoP). The work was under hold since 2017 due to non-release of funds by JKPTCL.</p> <p>Work has resumed in phase manner with release of balance funds in tranches since June 2021. OPGW SCOPE : 1781 km OPGW network (76 Nos.. links). OPGW Supplied : 1781 km</p>
43	Communication/P LCC converted into OPG			(MoU date 30.01.2012)								

												<p>OPGW Installed : 1240 Km; Balance : 541 Km Links commissioned: 36 Nos..</p> <p>Balance fund to the tune of Rs 21.09 Cr yet to be released by JKPTCL to POWERGRID for completion of balance works at the earliest.</p> <p><b>Executing Agency:</b> PGCIL</p>
	<b>TOTAL</b>		<b>Original cost=61136 .50 Revised cost=66494 .10</b>					62361.29			62361.29	

	<b>KASHMIR</b>											
<b>(A)</b>	<b>TRANSMISSION LINES</b>											
	<b>Name of Scheme / Project</b>	<b>Date of</b>	<b>Sanctioned Amount</b>	<b>Original date of</b>	<b>Revised Date of</b>			<b>Financial Status</b>			<b>Physical Progress</b>	

Sl. No.		Sanction	(Scheme Cost) (Rs. in lakhs)	Completion	Completion	Cost Over-Run	Time Over-Run	Cum-expenditure as on March, 2023 (Rs. in lakhs)		Expenditure during current financial year (Rs. in lakhs)	Cum-expenditure Till date (Oct'23 (Rs. in lakhs)	and Executing Agency
	<b>220kV Transmission Lines</b>											
1	Const. of Zainakote Amargarh (Delina) D/c line (85 ckms) 143 towers	2007	2822.00 Revised cost=3884.83	2009-10	-	Y	Y	3104.44		3.32	3107.76	Commissioned  <b>Executing Agency:</b> PDD, J&K (Foundation) <b>Executing Agency:</b> M/s ECI, Hyderabad (Erection of towers and conductoring)
2	Const. of Mirbazar-Wagoora line 177 towers	2005	3272.00 Revised cost=3977.39	2008-09	-	Y	Y	3426.64		1.12	3427.76	Out of 177 Fnds. 176 Complete & 176 Erections complete, Out of 104 CKms Stringing 103.5 Ckms Complete. The works are under progress <b>Executing Agency:</b> PDD, J&K (Foundation) <b>Executing Agency:</b> Gammon India Ltd. (Erection of towers and conductoring)

3	Const. of 220 kV D/c Zainakote - Wagoora line	2005	2136.00 Revised cost=3449.88	2008-09	-	Y	Y	2537.27		5.67	2542.94	<p>(Total towers 122, 60.6 Ckms), 109 tower foundations done, 86 towers erected. 17 Ckm stringing completed. Land owners not allowing tower spotting at 9X, 10X, 11Y etc. R.O.W issues near Dangarpura due to many transmission lines crossing the same area, therefore technical options like Twin Multicircuit towers are being explored, already two visits held along with Powergrid team at site. M/C tower designed has been completed and work is under progress.</p> <p><b>Executing Agency:</b> PDD, J&amp;K (Foundation)</p> <p><b>Executing Agency:</b> M/s Mirador Comm Pvt. Ltd. (Erection of towers and conductoring)</p>
4	220 kV D/c Wagoora – Shariefabad – Budgam line											



5	Zainakote Alusteng-Mir Bazar Line (254 ckms) 441 towers (158 towers in Zainakote-Alusteng section (100 ckms) & 283 towers in Alusteng-Mir Bazar section (154 ckms))	2007	9823.00 Revised cost=12553.39	2011-12	-	Y	Y	12559.31	0.00	12559.31	<b>Zainakote-Alusteng:</b> Commissioned on 14-02-2020 <b>Alusteng-Mirbazar:</b> <b>Out of 291 tower locations, 270 foundations laid, 210 towers erected and 70 ckm stringing completed out of 154 ckm. Work under progress.</b>  <b>Executing Agency:</b> PDD, J&K (Foundation) <b>Executing Agency:</b> M/s ECI,Hyderabad (Erection of towers and conductoring)
	<b>132 kV Transmission Lines</b>										
6	Construction of 132kV Pampore-Khonmoh D/c line (7.4 ckms) 17 towers	2005	357.00 Revised cost=324.93	2008-09	-	N	N	299.26	0.0	299.26	Commissioned on 21.05.2009  <b>Executing Agency:</b> PDD, J&K
7	Tethar line S/c line (0.9 ckms) 3 towers	2005	54.00	2008-09	-	N	N	53.39	0.0	53.39	Commissioned on 17.04.2009  <b>Executing Agency:</b> PDD, J&K

8	Arampora-Vilgam S/c line(18.4 ckms) 59 towers	2005	722.00 Revised cost=704.3 1	2009-10	2011-12	N	Y	624.83		0.0	624.83	Commissioned on 22.12.2011.  <b>Executing Agency:</b> M/s Jyoti Structure
9	Pattan Magam Line(14.12 ckms) 36 towers	2005	406.00 Revised cost=482.1 8	2009-10	2011-12	Y	Y	393.13		0.10	393.23	Commissioned on 21.02.2011.  <b>Executing Agency:</b> M/s Jyoti Structure
10	Sagam (Lissar) Line(26 ckms) 49 towers	2007	648.00 Revised cost=708	2009-10	2011-12	Y	Y	696.24		0.64	696.88	Line commissioned on 05.12.2011. <b>Executing Agency:</b> PDD, J&K
11	Lassipora-Shopian D/c line (30 ckms) 58 towers	2007	648.00 Revised cost=748.7 2	2009-10	2012-13	Y	Y	666.18		0.00	666.18	Commissioned on 28.03.13. <b>Executing Agency:</b> M/s Mirador Comm Pvt. Ltd. (JV with A2Z)
12	Upgradation of Wanpoh-Pampore line (80 ckms) (Const. of 132KV Single ckt Tr. Line over pir- panjal top abandoned on technical ground)	2007	1228.00 Revised cost=605	2009-10	-	N	Y	604.99		0.0	604.99	Completed.  <b>Executing Agency:</b> PDD, J&K
13	Budgam Line (Bemina-Budgam- Rawalpora) (53.40 ckms) 108 towers	2005	1286.00 Revised cost=3334. 79	2009-10	-	Y	Y	860.38		0.0	860.38	Line material procured. Temporarily on hold as JKPTCL is exploring the options of LILO of IRCON

											line and would submit the proposal to MOP soon. <b>Executing Agency:</b> M/s Jyoti Structure
14	Const.of 132 kV <b>Badampora-Bandipora</b> D/C Tr. Line (31 kms)	2007	1643.00 Revised cost=2543.74	2009-10	2015-16-	Y	Y	2084.75	5.97	2090.72	Commissioned <b>Executing Agency:</b> M/s Mirador Comm Pvt. Ltd. (JV with A2Z)
<b>(B)</b>	<b>SUBSTATIONS</b>										
	<b>220/132kV Substations</b>										
15	Aug. of 220/132kV Substation at Zainakote (300 MVA to 450 MVA)	2005	2275.00	2007-08	2007-08	N	N	2283.41	0.0	2283.41	Commissioned on 30.10.2007.  <b>Executing Agency:</b> PDD, J&K
16	Mirbazar [2x160MVA, 220/132 kV]	2005	7342.0 Revised cost=7804.37	2008-09	-	Y	Y	6926.80	0.48	6927.28	Commissioned  <b>Executing Agency:</b> M/s A2Z & UB
17	Budgam [2x160MVA, 220/132 kV + 2x50,132/33kV]	2005	7934.0 Revised cost = 9003.40	2008-09	-	Y	Y	8057.29	0.0	8057.29	Commissioned  <b>Executing Agency:</b> M/s A2Z & UB
18	Amargarh (Delina) [1x160MVA, 220/132 kV + 1x50,132/33kV]	2007	6048.00 Revised cost=6479.45	2009-10	-	Y	Y	4951.19	2.14	4953.33	Commissioned  <b>Executing Agency:</b> M/s JYOTI ST.

19	<b>Alusteng [2x160MVA, 220/132 kV + 2x50,132/33kV]</b>	2007	8648.0 Revised cost=10983 .03	2009-10	2015-16 (132/33 kV level)	Y	Y	10180.35	0.00	10180.35	Commissioned  <b>Executing Agency:</b> 132 kV portion: M/s JK Engineers
	<b>132/33 kV Substations</b>										
20	Aug. of 132/33kV Substation at Pampore (150 MVA to 200 MVA)	2005	668.00	2007-08	-	N	N	627.88	0.0	627.88	Commissioned in January 2008.  <b>Executing Agency:</b> PDD, J&K
21	Khonmoh [1x50MVA, 132/33kV]	2005	1701.00 Revised cost=1551. 39	2009-10	-	Y	N	1525.02	0.0	1525.02	Commissioned in May 2009.  <b>Executing Agency:</b> PDD, J&K
22	Tethar (Banihal) [1x50MVA, 132/33kV]	2005	1752.00	2009-10	-	N	N	1741.06	0.0	1741.06	Commissioned in April 2009.  <b>Executing Agency:</b> PDD, J&K
23	Vilgam(Kupwara) [1x50MVA, 132/33kV]	2005	1584.00 Revised cost=1485. 89	2008-09	2011-12	N	Y	1478.95	0.0	1478.95	Commissioned on 22.12.2011.  <b>Executing Agency:</b> PDD, J&K
24	Magam [1x50MVA, 132/33kV]	2005	1752.00	2008-09	2011-12	N	Y	1740.41	0.0	1740.41	Substation commissioned on 02.02.2012.

											<b>Executing Agency:</b> PDD, J&K
25	Const. of 50MVA, 132/33 KV Grid station <b>Sagam-Lissar</b>	2007	1752.00 Revised cost=1867.72	2009-10	-	Y	Y	1534.91	0.18	1535.09	Commissioned  <b>Executing Agency:</b> M/s GET
26	Shopian [1x50MVA, 132/33kV]	2007	1752.00 Revised cost=1804.96	2009-10	-	Y	Y	1510.65	46.29	1556.94	Commissioned  <b>Executing Agency:</b> M/s GET
27	8 Nos. 132 kV Line Bays in existing Grid stations		933.00	2007-08	2012-13	N	Y	912.59	0.0	912.59	Commissioned.  <b>Executing Agency:</b> PDD, J&K
28	Bandipora [1x50MVA, 132/33kV]	2007	1752.00 Revised cost=1862.77	2009-10	2016-17	Y	Y	1648.03	47.33	1695.36	Commissioned  <b>Executing Agency:</b> M/s GET
29	Communication/PLCC converted into OPGW		3020.00 (Proposed Revised cost – 4461.84)	36 months from MoU i.e. 30.01.2015 (MoU date 30.01.2012)	Minimum 12 months from receipt of balance funds of Rs 21.09Cr	Y	Y	2837.80	25.30	2863.10	Details are mentioned along with Jammu OPGW Project at S.No. 42 & 43. Revised Project Cost for Jammu & Kashmir is Rs 89.48Cr.  <b>Executing Agency:</b> PGCIL
30	Communication/PLCC converted into OPGW										
	<b>TOTAL</b>		<b>73958.00</b>					<b>75647.95</b>		<b>75665.9</b>	

			Revised cost= 88055.99									
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**NOTES:**

1. S/C – Single Circuit, D/C – Double Circuit
2. LILO – Loop In Loop Out
3. AAAC – All Aluminium Alloy Conductor
4. N – No, Y – Yes
5. CEA is providing consultancy services for the works being executed by various agencies (other than departmental works)