



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

Monthly progress Report of Central Funded Schemes (Apr'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-2015**
- (5) Prime Minister's Reconstruction Plan- 2004**

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Sl. No.	Transmission Project	Executing agency
1.	North-Eastern Region Power System Improvement Project for Assam, Manipur, Meghalaya, Mizoram, Nagaland and Tripura (NERPSIP)	PGCIL
2.	Comprehensive Scheme of Transmission & Distribution System in Arunachal Pradesh & Sikkim	PGCIL
3.	220kV Transmission System from Alusteng (Srinagar) to Leh (via Drass, Kargil, Khalsti and Leh Sub-station in Jammu & Kashmir (J&K))	PGCIL
4.	Prime Minister Development Package-2015	RECTPCL, JKPDD, PGCIL
5.	PRIME MINISTER'S RECONSTRUCTION PLAN- 2004	JKPDD

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 33kV, 66kV, 132kV and 220kV voltage levels.

General Details

Date of Govt. approval	: Dec., 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 st installment)
Anticipated Schedule	: Jan 2024

Summary

Details of packages:

State	Packages						
	Transmission Lines	Substations	Distribution Systems	Transformers	Pile Works for Transmission Lines	Telecom Equipment	Total
Assam	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
Meghalaya	2 (TW-01, TW-02)	2 (SS-01, SS-02)	3 (DMS-01 to DMS-03)				7
Manipur	Clubbed with Nagaland TW-06	3 (SS-01 to SS-03)	4 (DMS-01 to DMS-04)				7
Mizoram	1 (TW-01)	2 (SS-01, SS-02)					3
Nagaland	3 (TW-01, TW-05, TW-06)	4 (SS-01 to SS-04)	4 (DMS-01 to DMS-04)			1 (Telecom Equip.)	12
Tripura	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 Infrastructure to be created in Transmission/Sub-transmission and Distribution for NERPSIP is tabulated below:

Transmission/ Sub-transmission (132 kV & above)				Distribution (Not below 33kV)		
Name of State	Line (ckms.)	New S/s (Nos)	Total MVA (New & Augmentation)	Line (cKms.)	New S/s (Nos)	Total MVA (New & Augmentation)
Assam	383	11	1615.32	479	16	240
Manipur	310	2	139.18	131	13	240.10
Meghalaya	416	3	940	263	11	135
Mizoram	144	3	108.32	5.1	1	6.3
Nagaland	344	5	245	76.5	10	190
Tripura	482	9	1389.50	1096	34	450.55
Total	2079	33	4437.32	2050.60	85	1261.95

State wise detail 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

Transmission line Package Status

1. ASSAM TW-02: Awarded to JV of RCC and Power Mech on 10th Oct'17

Tinsukia – Behiating (new Dibrugarh) 220 kV D/C line	Line Completed in February 2023
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2. ASSAM TW-04: Awarded to M/s Teems India on 8th Sept'17

Dhemaji – Silapathar 132 kV S/c on D/c line	Completed in Dec'2021
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3. ASSAM TW-05: Awarded to JV of RCC and Power Mech on 1st Sept'17

Rupai – Chapakhowa 132 kV S/c on D/c line	Line completed in Mar'21
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4. ASSAM TW-07: Awarded to M/s KEC on 15.01.21

LILO of one circuit of Rangia – Rowta 132 kV D/c line at Tangla	Line completed in Jan'22
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Amingaon – Hazo 132 kV D/c line	Completed in Dec'22
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LILO of Kamalpur – Sishugram 132kV S/c line at Amingaon 220/132kV S/s	Line completed in Mar'22
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LILO of Kamalpur – Kamakhya 132kV S/c line at Amingaon 220/132kV S/s	Line completed in Mar'22
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LILO of Golaghat – Bokajan 132 kV S/c line at Sarupathar	Line completed in Mar'21
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Sonabil – Tezpur (New) 132 kV D/c line	Completed in Feb'22
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LILO of Jorhat (Gormur) – Nazira 132 kV S/c on D/c at Teok	Completed in Feb'21
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Rangia – Amingaon 220 kV D/C line	Line Length (km) : 28 Tower Locations (nos) : 107 Foundation completed (nos) : 105 Tower Erected (nos) : 103 Stringing completed (kms) : 15.70 Scheduled date of completion : Dec'18 Anticipated date of completion : May'23
132kV Underground cable from GMCH to Kahilipara (6.4 Kms.)	Length of cable (km) : 6.40 Cable laid (kms) : 3.54 Scheduled date of completion : Dec'18 Anticipated date of completion : May'23
SS-04: Awarded to M/s Techno on 6th May'17	
Kamakhya – Paltan Bazar 132 kV S/C Underground Cable	Completed in March 2023.
220kV Underground cable from Amingaon to Rangia (2 Kms.)	Completed in March 2023.
220kV Underground cable from Amingaon to Rangia (2 Kms.)	Completed in Dec'2021
<u>Sub-station</u>	
ASM-SS-01: Awarded to M/s Neccon Power & Infra. Pvt. Ltd. on 12/08/2016	
2x31.5 MVA, 132/33 kV new sub-station at Silapathar	Completed in Mar'22
2x50 MVA, 132/33 kV new sub-station at Tezpur (New)	Completed in Feb'21
Augmentation of Samaguri sub-station by replacing existing 200/132 kV, 2x50 MVA transformer by 200/132kV, 2x160 MVA transformer and installation of 132/33kV, 50MVA transformer.	1 no. 220/132 KV, 160 MVA transformer successfully charged in Nov'2018, 1 no 132/33kV, 50MVA transformer charged in Aug'19, remaining 1 no. 220/132 KV, 160 MVA transformer successfully charged in June'20.
132kV Dhemaji (Extension) Substation	Test charging successfully completed in March 2019.
132kV Sonabali (Extension) Substation	Test charging successfully completed in March 19.
ASM-SS-02: Awarded to M/s Neccon Power & Infra. Pvt. Ltd. on 12/08/2016	
2x31.5 MVA, 132/33 kV new Sub-station at Teok	Completed in Feb'21
2x100 MVA, 220/132 kV substation at Behiating (New Dibrugarh)	Completed in Jan'2022
2x31.5 MVA, 132/33 kV new sub-station at Sarupathar	Completed in July'21.
2x31.5 MVA, 132/33 kV new sub-station at Chapakhowa	Completed in Mar'21

220kV Tinsukia (Extension) Substation	Completed in Sep'21
132kV Rupai (Extension) Substation	Commissioned on Sep'20
ASM-SS-03: Awarded to M/s Neccon Power & Infra. Pvt. Ltd. on 12/08/2016	
2x31.5 MVA, 132/33 kV new sub-station at Tangla	Substation completed in Aug'21.
2x31.5 MVA, 132/33 kV new sub-station at Hazo	Completed in Dec'2021
220kV Rangia (Extension) Substation	Test charged in March 2019.
132kV Kahilipara (Extension) Substation	Test charged in April 2019.
Augmentation of Dhaligaon 132/33 kV sub-station by replacing existing 2x25 MVA transformer by 2x50MVA transformer	1 No 50 MVA transformer is successfully charged in Jan'19. 2 nd Transformer charged on 3 rd October 2020.
ASM-SS-04: Awarded to Joint Venture (JV) of Techno & Seiyuan on 6th May'16.	
2x50 MVA, 132/33 kV new sub-station at Paltan Bazar (GIS)	Completed in Sep'21
50 MVA, 132/33 kV new sub-station at Guwahati Medical College (GIS)	Completed in Mar'21
2x160 MVA, 220/132 kV GIS at Amingaon	Completed in Feb'22.
132kV Kamakhya s/s (Extn) Substation	Spare bay of AEGCL located at Kamakhya S/S will be utilised. Only Cable Termination is in the Scope.
<u>ASSAM DMS</u>	
ASM-DMS-01: Awarded to M/s Neccon on 20th Oct'16.	
2X5 MVA, 33/11kV new sub-station at Silapathar-II	Completed in May'22
2X5 MVA, 33/11kV at Hathimurah-2	Test charged in October 2019.

2X5 MVA, 33/11kV new sub-station at Mailo	Completed in Feb'21
2X10 MVA, 33/11kV new sub-station at LGM hospital	Substation test charged in Oct'20
Extension of Parowa S/S	Test charged in Dec'19
Extension of Dolabari S/S	Test charged in Oct'20.
Extension of Samguri S/S	Test charged in July'19
Extn. of Shankardev nagar existing S/S	Test charged in Aug'19
Extn. of Silapatahar existing S/S	Test Charged in June'19
ASM-DMS-02: Awarded to M/s S& W on 23rd Dec'16	
2X10 MVA, 33/11kV new sub-station at Romai	Completed in Nov'20
2X5 MVA, 33/11kV new sub-station at Bogibil	Substation charged in Feb'20.
2X10 MVA, 33/11kV new sub-station at Dibrugarh	Substation Charged in Aug'20
Extn. of Dibrugarh 132/33kV S/s	Test charged in June'19.
Extn. of Chapakhowa 33/11kV S/s	Test charged in June'19.
Extn. of Barapathar 33/11kV S/s	Test charged in June'19
Extn. of Sarupathar 33/11kV S/s	Test charged on July'19
Extn. of Sariajhan 33/11kV S/s	Test charged in Oct'20
Extn. of Teok 33/11kV S/s	Test charged in Sept'19
Extn. of Kakojaan 33/11kV S/s	Test charged in Aug'20.

Extn. of Janji 33/11kV S/s	Test charged in Dec'19.
Extn. of Amguri 33/11kV S/s	Test charged in Dec'20.
Extn. of Behiating 33/11kV S/s	Test charged in Mar'20.
ASM-DMS-03: Awarded to M/s S&W on 23rd Dec'16	
2X5 MVA, 33/11kV new sub-station at Harsingha	Test Charged in Nov'20
2X5 MVA, 33/11kV new sub-station at Sesa	Test charged in November 2019.
2X5 MVA, 33/11kV new sub-station at Ramdiya	Test charged in July 2020.
33/11kV new sub-station at Domdoma-Hazo	Test charged in Dec'20.
2X10 MVA, 33/11kV new sub-station at Chabipool	Commissioned on 30/09/2020
Extn. Paneri Existing 33/11kV S/S	Test charged in March 2019.
Kalaigaon Existing 33/11kV S/S	Test charged in Dec'20.
Tangla Existing 33/11kV S/S	Test charged in Nov'19
Khairabari Existing 33/11 kV	Test charged in April'19
33/11kV Mukalmuwa existing S/S	Test charged in April 2019.
Existing Paltanbazaar S/S	Test charged in March 2019.
Existing Judges Field S/S	Test charged in Dec'19.
Existing Jail (Fancy bazaar) S/S	Test charged in April 2019.
ASM-DMS-04: Awarded to M/s NECCON on 8th July'16	

2X10 MVA, 33/11kV new sub-station at GS Road	Completed in Mar'21
2X10 MVA, 33/11kV new sub-station at GMC-2	Completed in Mar'21
2X10 MVA 33/11kV new sub-station at Tarun Nagar	Completed in Jan'22
2X10 MVA, 33/11kV new sub-station at Arya College (New) GIS s/s	Completed in Sep'2021
Extn. Of Existing GMC S/S	Charged in April 2019.
Extn. Of Existing Ulubari S/S	Charged in May'19.

Assam DMS lines

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant . Comp.	Status
1	DMS-01 20.10.16	Neccon	132/33kV Silapathar (New) s/s to 33/11 kV Silapathar-II (New) S/s	Dec'18	Completed in Nov'21
2	DMS-01 20.10.16	Neccon	LILO of existing 33 kV Silapathar-Jonai line at 132/33 kV Silapathar new S/	Dec'18	Completed in Mar'21
3	DMS-01 20.10.16	Neccon	Existing 132/33kV Samaguri s/s to 33/11kV Hathimurah-2 (New)s/s-	Dec'18	Completed in Jun'20
4	DMS-01 20.10.16	Neccon	132/33kV Tezpur (New) s/s to 33/11kV LGM hospital (New)s/s -	Dec'18	Completed in Feb'2021
5	DMS-01 20.10.16	Neccon	132/33kV Tezpur (New) s/s to 33/11kV Parowa Existing s/s-	Dec'18	Line test charged in Oct'20.
6	DMS-01 20.10.16	Neccon	132/33kV Tezpur (New) s/s to 3/11kV Dolabari Existing s/s-	Dec'18	Completed in Feb'2021

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant . Comp.	Status
7	DMS-01 20.10.16	Neccon	Existing Shankardeo nagar to 33/11kV Mailo (New)s/s	Dec'18	Completed in Jun'21
8	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
9	DMS-02 23.12.16	S&W	220/132kV Behiating (New) s/s to 33/11kV Dibrugarh (New)s/s	Dec'18	Line completed in Mar'21
10	DMS-02 23.12.16	S&W	132/33kV Existing Dibrugarh s/s to 33/11kV Romai (New)s/s	Dec'18	Completed in Dec'21
11	DMS-02 23.12.16	S&W	132/33kV Chapakhowa (New) s/s to 33/11kV Chapakhowa existing s/s	Dec'18	Completed in Jun'20
12	DMS-02 23.12.16	S&W	132/33kV Sarupathar (New) s/s to Barapathar Existing 33/11kV S/s	Dec'18	Completed in Dec'20.
13	DMS-02 23.12.16	S&W	132/33kV Sarupathar (New) s/s to Sarupathar Existing 33/11kV S/s	Dec'18	Completed in Dec'20.
14	DMS-02 23.12.16	S&W	132/33kV Sarupathar (New) s/s to Sariajhan Existing 33/11kV S/s	Dec'18	Completed in Nov'21
15	DMS-02 23.12.16	S&W	132/33kV Teok (New) s/s to Teok Existing 33/11kV S/s	Dec'18	Completed in Dec'20.
16	DMS-02 23.12.16	S&W	132/33kV Teok (New) s/s to Kakojaan Existing 33/11kV S/s	Dec'18	Completed in Dec'21
17	DMS-02 23.12.16	S&W	132/33kV Teok (New) s/s to Zangi Existing 33/11kV S/s	Dec'18	Completed in Feb'21
18	DMS-02 23.12.16	S&W	132/33kV Teok (New) s/s to Amguri Existing 33/11kV S/s	Dec'18	Completed in Sep'21
19	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

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant . Comp.	Status
20	DMS-03 23.12.16	S&W	132/33kV Tangla (New) s/s to Paneri Existing 33/11kV S/s	Dec'18	Completed in Mar'21
21	DMS-03 23.12.16	S&W	132/33kV Tangla (New) s/s to Existing Kalaigaon 33/11kV S/s	Dec'18	Completed in Jan'21
22	DMS-03 23.12.16	S&W	132/33kV Tangla (New) s/s to Existing Khairabari 33/11kV S/s	Dec'18	Completed in Mar'21
23	DMS-03 23.12.16	S&W	132/33kV Tangla (New) s/s to Existing Tangla 33/11kV S/s	Dec'18	Line test charged in Oct'20.
24	DMS-03 23.12.16	S&W	132/33kV Hazo (New) s/s to 33/11kV Sesa (New)s/s	Dec'18	Completed in Feb'21
25	DMS-03 23.12.16	S&W	132/33kV Hazo (New) s/s to 33/11kV Ramdiya (New)s/s	Dec'18	Completed in Dec'20.
26	DMS-03 23.12.16	S&W	132/33kV Hazo (New) s/s to 33/11kV Domdoma-hazo (New)s/s	Dec'18	Completed in Dec'20.
27	DMS-03 23.12.16	S&W	132/33kV Hazo (New) s/s to 33/11kV Mukalmuwa existing s/s	Dec'18	Completed in Dec'21
Underground cable lines					
28	DMS-04 08.07.16	Neccon	132/33kV Guwahati M.C. (New) s/s to GS Road - (New) GIS s/s	Dec'18	Completed in Nov'20
29	DMS-04 08.07.16	Neccon	132/33kV Guwahati M.C. (New) s/s to GMC-2-(New) GIS s/s	Dec'18	Cable laying completed in Oct'20.
30	DMS-04 08.07.16	Neccon	132/33kV GMC (New) s/s to Tarun Nagar -(New) GIS s/s	Dec'18	Completed in Jul'21
31	DMS-04 08.07.16	Neccon	132/33kV GMC (New) s/s to Arya College -(New) s/s	Dec'18	Completed in Nov'20

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant . Comp.	Status
32	DMS-04 08.07.16	Neccon	132/33kV Guwahati M.C. (New) s/s to GMC Existing s/s	Dec'18	Completed in Dec'2020.
33	DMS-04 08.07.16	Neccon	Double Ckt. 132/33kV Guwahati M.C. (New) s/s to Ullubari Existing s/s	Dec'18	Completed in Nov'2020
34	DMS-04 08.07.16	Neccon	132/33kV GMC (New) s/s to Chabipool -(New) s/s changed to Hengrabari	Dec'18	Completed in Feb'2022
35	DMS-04 08.07.16	Neccon	132/33kV Paltanbazar (New) s/s to Existing Paltan bazaar s/s	Dec'18	Completed in Nov'2020
36	DMS-04 08.07.16	Neccon	132/33kV Paltanbazar (New) s/s to Judges field Existing s/s	Dec'18	Completed in Mar'21
37	DMS-04 08.07.16	Neccon	132/33kV Paltanbazar (New) s/s to Jail (Fancy bazaar) Existing s/s	Dec'18	Completed in Feb'2021
38	DMS-04 08.07.16	Neccon	132kV Narengi – 33 kV Bamunimaidam	Dec'18	Completed in Nov'22
39	DMS-04 08.07.16	Neccon	132kV Narengi – 33kV Uzan Bazar	Mar'23	Cable laying: 6.63/8.70
40	DMS-04 08.07.16	Neccon	132kV Narengi – 33kV Zoo Road	Dec'18	Completed in Jan'23
41	DMS-04 08.07.16	Neccon	33kV Bamunimaindam – 33kV Chandmari	Dec'18	Completed in Sep'22
42	DMS-04 08.07.16	Neccon	132kV Paltan Bazar to 33kV Stadium	Dec'18	Completed in Oct'21

Meghalaya

Total no. of Packages: 7

No. of Awarded Packages: 7

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

Transmission line:

MEG-TW-01: Awarded to M/s Unique on 29th June'16.	
Byrnihat (Killing) – Mawngap – New Shillong 220 kV D/c line	Line Length (km) : 129 Tower Locations (nos.): 398 Foundation completed(nos.): 397 Tower Erected (nos.): 392 Stringing completed(km): 120 Scheduled date of completion: Dec'18 Anticipated date of completion : May'23
Constraint if any: Severe RoW being encountered. RoW issues persist in 01 foundation location & 4 tower erection locations of the line in Ri-bhoi District due to demand for abnormally high rates of compensation. Progress of this line and needs to be resolved urgently to facilitate timely completion.	
MEG-TW-02: Awarded to M/s Unique on 29th June'16	
LILO of both circuits of MLHEP – Khliehriat 132 kV D/c line at Mynkre	Line completed in Dec'20.
Phulbari – Ampati 132 kV D/c line	Test charged in June'20
<u>Sub-station :</u>	
MEG-SS-01: Awarded to M/s Neccon Power & Infra. Pvt. Ltd. on 12/08/2016	
2x50 MVA, 132/33 kV new sub-station at Mynkre	Completed in March 2023
2x50 MVA, 132/33 kV new sub-station at Phulbari	Completed in Jan'22.
132kV Ampati (Extension) Substation	Completed in Feb'21
MEG-SS-02: Awarded to Joint Venture (JV) of Techno & Seiyuan on 6th June'16	
2x160 MVA, 220/132 kV Mawngap GIS	Completed in Feb'21
2x160 MVA, 220/132 kV + 2x50 MVA, 132/33 kV GIS at New Shillong	Substation completed in April'21.

220kV Byrnihat (Killing) AIS Substation Extension	Charged in November 2019
<u>DMS Substation</u>	
MEG-DMS-01: Awarded to M/s Neccon on 13th July'16	
33/11 kV new sub-station at Mynkre	Substation test charged in Aug'20
33/11 kV new sub-station at Rymbai	Substation charged in Jan'21
33/11 kV new sub-station at Latyrke	Substation charged in Feb'20
33/11 kV new sub-station at Byndihati	Completed in Feb'21
MEG-DMS-02: Awarded to M/s Neccon on 13th July'16	
33/11 kV new sub-station at Chibinang	Test charged on July'19
33/11 kV new sub-station at Raksambre (Potamati)	Test charged on Sep'19.
33/11 kV new sub-station at Rajaballa Bhaitbari	Completed in Mar'2022
Extn. of 33/11 kV Phulbari S/s	2x5 MVA transformer charged.
Extn. of 33/11 kV Trikila S/s	Completed in Nov'2020
MEG-DMS-03: Awarded to M/s Neccon on 27th May'16	
33/11 kV new sub-station at Mawkynrew	Test charged in June'19
33/11 kV new sub-station at Mawpat	Test charged on Sept'19
33/11 kV new sub-station at Mawrenkneng	Completed in Feb'21
33/11 kV new sub-station at New Shillong	Test charged in Dec'19.

Meghalaya DMS Line:

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant. Comp.	Status
1.	DMS-01 13.07.16	Neccon	132/33KV Mynkre –Mynkre	Dec'18	Completed in Sep'21
2.	DMS-01 13.07.16	Neccon	132/33 KV Mynkre – Rymbai	Dec'18	Completed in Mar'21

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant. Comp.	Status
3.	DMS-01 13.07.16	Neccon	132/33KV Mynke – Lumshnong	Dec'18	Completed in Mar'21
4.	DMS-01 13.07.16	Neccon	132/33 KV Mynkre – Latykre	Dec'18	Completed
5.	DMS-02 27.05.16	Neccon	132/33kV Phulbari -Rajballa Bhaitbari	Dec'18	Completed in Mar'21
6.	DMS-02 27.05.16	Neccon	132/33kV Phulbari – Chibinang	Dec'18	Completed
7.	DMS-02 27.05.16	Neccon	33/11kV Tikrila – Raksambre	Dec'18	Completed in Jan'21
8.	DMS-02 27.05.16	Neccon	132/33 KV Phulbari (New) - Phulbari (existing)	Dec'18	Completed in Feb'21
9.	DMS-02 27.05.16	Neccon	LILO of Tikrila - Phulbari at Phulbari(New);	Dec'18	Completed in Feb'21
10.	DMS-02 27.05.16	Neccon	Existing 33 kV Tikrila-Phulbari from tapping point to Tikrila SS	Dec'18	Completed in Mar'22
11.	DMS-03 27.05.16	Neccon	220/132/33kV New shillong – Mawpat	Dec'18	Completed in Mar'21
12.	DMS-03 27.05.16	Neccon	33/11kV SE Falls – Mawpat	Dec'18	Completed in July'21
13.	DMS-03 27.05.16	Neccon	220/132/33 KV New Shillong - New Shillong	Dec'18	Completed in Jan'21
14.	DMS-03 27.05.16	Neccon	220/132/33 KV New Shillong – Mawryngkneng	Dec'18	Completed in Jan'22

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant. Comp.	Status
15.	DMS-03 27.05.16	Neccon	LILO of exisiting Jowai- Landnongkrem Line at Mawryngkneng	Dec'18	Completed in Jan'21
16.	DMS-03 27.05.16	Neccon	33/11kV Jongksha- Mawkynrew	Dec'18	Commissioned
17.	DMS-03 27.05.16	Neccon	Mawlyndeeep to Mawryngkeng	Dec'18	Completed in Sep'22

Mizoram

Total no. of Packages: 3

No. of Awarded Packages: All awarded

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

Transmission line	
1. MIZ-TW-01: Awarded to KSA on 20th Sept'17	
Lungsen – Chawngte 132 kV S/c line (charged at 33 kV)	Completed in Sep'22
<u>Sub-station</u>	
Augmentation of Lunglei sub-station by replacing existing 2x12.5 MVA, 132/33 kV transformer with 2x25 MVA 132/33 kV transformer	Completed in Dec'2021
2. MIZ-SS-02: Awarded to S&W on 13th Oct'17	
New sub-station at W. Phaileng with 132/33 kV, 2x12.5 MVA transformer	Completed in April 2022.

New 132/33kV sub-station at Marpara	Completed in March 2023
Chawngte – S. Bungtlang 132 kV S/c line via S. Bungtlang (to be charged at 33 kV)	Completed in March 2023
132 kV S/C Lunglei-Lungsen Interconnection	Completed in Jun'21
MIZ-SS-02: Awarded to S&W on 13th Oct'17	
Phaileng – Marpara 132 kV S/c line on D/c tower	Line Length (km) : 51 Tower Locations (nos) : 172 Foundation completed (nos) : 159 Tower Erected (nos) : 152 Stringing completed (kms) : 17.668 Scheduled date of completion : Dec'18 Anticipated date of completion : May'23
<u>Sub-station</u>	
MIZ-SS-01: Awarded to KSA on 2nd Nov'17	
New sub-station at Lungsen with 132/33 kV, 2x12.5 MVA transformer	Land acquisition : Acquired Civil work (%) : 75 Equipment received (%) : 87 Equipment erected (%) : 56 Scheduled date of completion : Dec'18 Anticipated date of completion: May'23 Remarks: Foundation of Tower, Equipment and Control room in progress.
<u>Distribution</u>	
MIZ-SS-02: Awarded to S&W on 13th Oct'17	
33/11 kV South Bungtlang (New) Substation S/S	Completed in Mar'21
Aug. 33kV West Paileng SS - addition of 2 new 33kV bays	Scope is completed in Dec'20.

Mizoram DMS Line:

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant. Comp.	Status
	SS-02 13.10.17	S&W	132/33kV Lungsen (new) - Lungsen line	Dec'18	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

<u>Transmission line</u>	
MAN-Tower package scope: Awarded to Shyama Power on 31st May'18.	
Imphal (PG) - Ningthoukhong 132 kV D/c line (33 Kms.)	Work Completed in Mar'21.
MAN-Tower package scope: Awarded to Shyama Power on 31st May'18.	
Renovation of Yurembum – Karong - Mao (Manipur-Nagaland border) section of Yurembum-Karong-Kohima 132kV S/c line (91 Kms.)	Completed in Dec'2021
LILO of Yurembam (Imphal-State) – Karong 132 kV line at Gamphajol (1.4 Kms)	Line test charged on 16 th Sep'19
Stringing of Yaingangpokpi - Kongba 132kV line (2 nd ckt) (33 Kms.)	Line completed in Dec'19
Stringing of Kakching - Kongba 132kV line (2 nd ckt) (45 Kms.)	Line 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 Kms.)	Scope Deleted
Imphal (PG) - Ningthoukhong 132 kV D/c line (33 Kms.)	Work Completed in Mar'21.
Rengpang-Tamenlong 132kV S/C line on D/C tower (19.5 Kms.)	Scheduled date of completion: Dec'18 Anticipated date of completion: Line Completed in Apr'23. Remarks: All locations are in unclassed forest (56 Ha.). Stage-I Forest clearance was obtained in January 2020 and NPV/CA compensation deposited to Forest Dept. Additional land diminution value, crop/ tree etc. to private dwellers in the line corridor (passing through forest area) was paid as recommended / advised by District Administration.

<u>Sub-station (New)</u>	
MAN-SS-01: Awarded on 3rd Jan'18 to M/s Sterling & Wilson	
2x20 MVA, 132/33 kV Gamphajol new sub-station	Completed in Feb'22.
Augmentation of Ningthoukhong by addition of 2 nd transformer	Works completed in Jan'22.
132kV Imphal (PG) (Extension) Substation.	Works completed in Oct'20.
MAN-SS-02: Awarded on 8th Dec'17 to M/s Shyama Power	
Augmentation of Kongba by addition of 3 rd transformer + 2 Line Bays:	1-line bay charged in Dec'19. 2 nd line bay charged in July'20. Transformer charged in Oct'20
Scope Deleted - 132/33kV Thoubal (Extension) Substation	Remarks: Scope deleted
132kV Kakching (Extension) Substation	Bay construction completed, test charged in October'19.
132kV Yaingangpokpi (Extension) Substation	Bay charged in November 2019.

132/33kV Ukhrul (Augmentation) Substation	Completed in Feb'21.
MAN-SS-03: Awarded on 3rd Jan'18 to M/s Sterling & Wilson	
33/11 kV new sub-station at Pishum (GIS)	Work completed in Mar'21.
Extension of Rengpang SS	Remarks: Substation Completed in Dec'20. Constraint if any:
Augmentation of Jiribam by addition of 2 nd transformer	Substation Completed in Aug'21.
<u>DMS Substataion</u>	
MAN-DMS-01: Awarded to M/s Winpower on 3rd Mar'17	
33/11 kV new sub-station at Hiyangthang	Remarks: Substation Test charged in Dec'19.
33/11 kV new sub-station at Andro	Remarks: Substation Test charged in May'20
33/11 kV new sub-station at New Keithelmanbi	Substation charged in Feb'20.
33/11 kV new sub-station at Top Khongangkhang	Substation charged in Feb'20.
Extn. of 33/11 kV Langdum S/s	Bay test charged in October'19.
Extn. of 33/11 kV Mongsangei S/s Extn. of 33/11 kV Iroisemba S/s	Test charged in Jul'19. Test charged in Jul'19.
Extn. of 33/11 kV Porompat S/s	Charged in Jun'19.
Thoubal (Augmentation)	Transformer charged in May'19.
Wangjing (Augmentation)	Trasformer charged in Aug'19.
Leimakhong (Augmentation)	Transformer charged in May'19.
Kangpokpi (Augmentation)	Transformer charged in Sep'19.
MAN-DMS-02: Awarded to M/s Winpower on 16th Dec'16	

33/11 kV New Substation at Kwakta	Substation test charged in Dec'19.
33/11 kV New Substation at Leimapokpam	Substation test charged in Jan'20.
Ningthoukhong(Augmentation)	Charged in Jun'19.
Yaingangpokpi(Augmentation)	Transformer charged in Sep'19.
Nambol(Augmentation)	Transformer charged in May'19.
Khwairakpan (Augmentation)	Transformer charged in May'19.
Moirang Khunou(Augmentation)	Transformers charged in Sep'19.
Jiribam(Augmentation)	Transformers charged in Sep'19.
Khoupum (Augmentation)	Both transformers charged in Oct'19.
Tamenglong (Augmentation)	Transformer charged in Sep'19
Extn. of Nambol (bay addition) s/s Extn. of Existing Moriing s/s	Charged in Jun'19. Charged in Jul'19.
MAN-DMS-03: Awarded to M/s Siddartha on 18th Mar'16	
33/11 kV New Substation at Porompat	Charged in Jun'19.
33/11 kV New Substation at Thangal	Work completed.
Aug. of Existing 33/11kV Khuman Lampak	Charged in Jan'19.
Extn. of Existing 33/11kV Khoupom	Charged in April 2019.
1x5 MVA. Napetpalli (Augmentation)	Charged in Nov'18.
1x3.15 MVA Kamjong (Augmentation)	Charged in Jun'19
1x3.15 MVA Saikul (Augmentation)	ICT Charged in Dec'18

1x3.15 MVA New Chayang (Augmentation)	Charged in Nov'18
1x3.15 MVA Litan (Augmentation)	Transformer charged in Jan'19.
MAN-DMS-04: Awarded to M/s Siddhartha on 18th Mar'16	
33/11 kV New S/s at Sanjenbam	Test Charged in Jul'19.
33/11 kV New S/s at Tuilaphai	ICT and line charged in Dec'18.
Extn. of Existing 33/11kV Napetpalli S/S	S/s extension charged in Dec'18.
1x5 MVA Karong (Augmentation)	ICT charged in Dec'18
1x3.15 MVA Tadubi (Augmentation)	ICT charged in Dec'18.
1x3.15 MVA Maram (Augmentation)	ICT charged in Feb'19.

Transmission line

MAN-Tower package scope: Awarded to Shyama Power on 31st May'18.

LILO of Yurembam (Imphal-State) – Karong 132 kV line at Gamphajol (1.4 Kms.)	Line Length(km) : 1.447 Date of completion : Line test charged on 16 th Sep'19
Stringing of Yaingangpokpi - Kongba 132kV line (2 nd ckt) (33 Kms.)	Line Length(km) : 33 Date of completion : Line completed in Dec'19
Stringing of Kakching - Kongba 132kV line (2 nd ckt) (45 Kms.)	Line Length(km) : 45 Date of completion : Line 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 Kms.)	Scope Deleted
Imphal (PG) - Ningthoukhong 132 kV D/c line (33 Kms.)	Work Completed in Mar'21.
Rengpang-Tamenlong 132kV S/C line on D/C tower (19.5 Kms.)	Line Length (km) : 21.422 Scheduled date of completion : Dec'18 Anticipated date of completion : Line Completed in Apr'23.

	Remarks: All locations are in unclassified forest (56 Ha.). Stage-I Forest clearance was obtained in January 2020 and NPV/CA compensation deposited to Forest Dept. Additional land diminution value, crop/ tree etc. to private dwellers in the line corridor (passing through forest area) was paid as recommended / advised by District Administration.
MAN-SS-03: Awarded on 3 rd Jan'18 to M/s Sterling & Wilson	
132/33 kV Tamenglong (New) Substation	Land acquisition: Acquired Civil work (%): 64 Equipment received (%): 91 Equipment erected (%): 10 Scheduled date of completion: Dec'18 Anticipated date of completion: May'23 Remarks: C.R.B., Tower & Equip. Fdn. u/p.

DMS Substation

MAN-DMS-01: Awarded to M/s Winpower on 3rd Mar'17	
33/11 kV new sub-station at Lamphel	Land acquisition : Acquired Civil work (%) : 21 Equipment received (%) : 53 Equipment erected (%) : - Scheduled date of completion: Dec'18 Anticipated date of completion: Apr'23 Remarks: Design/Engineering for new land is under progress. Constraint if any: 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.
33/11 kV new sub-station at Hiyangthang	Substation Test charged in Dec'19
33/11 kV new sub-station at Andro	Substation Test charged in May'20
33/11 kV new sub-station at Takyel	Land acquisition : Acquired. Civil work (%) : 28 Equipment received (%): 12

	Equipment erected (%): - Scheduled date of completion: Dec'18 Anticipated date of completion: May'23 Remarks: Design/Engineering for new land is under progress. Constraint if any: Alternate land handed over in Feb'21 and same is also marshy. Design/Engineering of pile is under progress.
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DMS Line:

Sl No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant. Comp.	Status
1	DMS-04 18.03.16	Siddartha	LILO of existing 33 kV Churachandpur to Thankew line at Tuilaphai	Dec'18	Charged in Dec'18
2	DMS-01 03.03.17	WinPower	LILO of Mongsangei to Kakwa at Pishum Sub-Station	Dec'18	Completed in Feb'21
3	DMS-01 03.03.17	WinPower	Mongsangei to hiyangthang	Dec'18	Charged in Dec'19
4	DMS-01 03.03.17	WinPower	LILO of Yurembum-Noney line at Keithelmanbi	Dec'18	Charged in Feb'20
5	DMS-01 03.03.17	WinPower	Iroisemba S/S to Lamphel S/S	Dec'18	Completed in Dec'2021
6	DMS-01 03.03.17	WinPower	Existing Iroisemba SS to Takyel	Dec'18	Completed in Dec'22
7	DMS-01 03.03.17	WinPower	Top Khongnangkhong to Porompat	Dec'18	Charged in Feb'20
8	DMS-01 03.03.17	WinPower	Andro to Langdum S/S	Dec'18	Charged in May'20
9	DMS-02 16.12.16	WinPower	Moirang to Kwakta	Dec'18	Charged in Dec'19

Sl No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant. Comp.	Status
10	DMS-02 16.12.16	WinPower	Existing Nambol S/S to Leinmapokpan	Dec'18	Charged in Jan'20
11	DMS-03 18.03.16	Siddartha	Sanjenbam to Porompat	Dec'18	Charged in Jun'19
12	DMS-03 18.03.16	Siddartha	Existing Khoupom to Thangal	Dec'18	Completed in Jan'21
13	DMS-04 18.03.16	Siddartha	Existing Napetpalli to Sanjemba	Dec'18	Charged 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.

Transmission line:

NAG-TW-01: Awarded to M/s Shyama Power on 20th Sept'17	
New Kohima – Mokokchung (PG) 220 kV S/c line on D/c tower	Completed in Sep'22
NAG-TW-05: Awarded to M/s Shyama Power on 21st Sept'17	
New Kohima (Zadima) – New Secretariat Complex Kohima 132 kV D/c line	Completed in Feb'22
NAG-TW-06: Awarded to Shyama Power on 31st May'18	
Wokha (Doyang River) - Zunheboto – Mokokchung (Nagaland) 132 kV S/c	Completed in February 2023
LILO of Mokokchung (Nagaland) - Mariani (Assam) 132 kV D/c line at Longnak Works	Completed in Oct'20
Tuensang – Longleng 132 kV S/c on D/c line	Completed in Jan'23

LILO of Kohima – Wokha 132 kV S/c line at New Kohima	Work completed in Mar'21
LILO of Kohima – Meluri (Kiphire) 132 kV S/c line at Pfutsero	Completed in Nov'20

Sub-station:

NAG-SS-01: Awarded to M/s Techno Electric on 5th Dec'17	
2x25 MVA, 132/33 kV new sub-station at Longnak (Mongkolemba Junction)	Completed in Jun'21
2x10 MVA, 132/33 kV new sub-station at Longleng	Completed in Dec'22
NAG-SS-02: Awarded to M/s Power Mech on 30th Nov'17	
2x25 MVA, 132/33 kV new sub-station at Zunheboto	Completed in March 2023
132kV Tuensang Substation Extension	Anticipated date of completion is Jan'24. Remark: 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. In spite 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.
132kV Mokokchung(State) Substation Extension	Completed in Nov'20
220kV Mokokchung (POWERGRID) Substation Extn	Completed in Apr, 21
NAG-SS-03: Awarded to M/s Shyama Power on 14th Dec'17	
2x25 MVA, 132/33 kV new sub-station at New Secretariat Complex Kohima	Completed in Sep,21
220/132kV New Kohima Substation (extension)	Completed in Nov'2020
NAG-SS-04: Awarded to M/s PowerMech on 13th Dec'17	

2x25 MVA, 132/33 kV new sub-station at Pfutsero	Anticipated date of completion is June'23
1x25 MVA, 132/33 kV transformer at Wokha (extension)	Completed in Nov'2020

DMS Substations

NAG-DMS-01: Awarded to JV of Techno & Rausheena on 12th Feb'18	
33/11 kV New S/s at Longtho	Completed in Feb'21
33kV Bay extension at Longnak	Completed in Nov'2020
Augmentation of 33kV Changtongya S/S	Completed in Jan'21
Augmentation of 33kV Mangkolemba S/S	Completed in Nov'2020
NAG-DMS- 02 : Awarded to JV of Techno & Rausheena on 11th Jan'18	
33/11 kV New S/s at Mokochung Town Power House	Completed in Sep'22
33/11 kV New S/s at Mokochung Town Hospital Area	Completed in Jul'21
33/11 kV New S/s at Zunheboto south point	Completed in Jan'21
33kV Bay extension at Mokochung	Completed in Jan'21
33kV Bay extension at Suruhuto	Completed in Mar'21
33kV Bay extension at Akuloto	Completed in Jan'21
33kV Bay extension at Pughoboto	Completed in Nov'20
33kV Bay extension at Torogonyu	Completed in Dec'20
Chukitong Existing S/s - Capacity Augmentation	Completed in Jan'21
Tseminyu Existing S/s - Capacity Augmentation	Completed in Apr'21
Wokha Power House Existing S/s - Capacity Augmentation	Completed in Mar'21
Chukitong Existing S/s - Capacity Augmentation	Completed in Jan'21
Tseminyu Existing S/s - Capacity Augmentation	Completed in Apr'21
Wokha Power House Existing S/s - Capacity Augmentation	Completed in Mar'21

NAG-DMS-03: Awarded to M/s S&W on 22nd Sep'16	
33/11 kV New S/s at Lalmati	Charged in Jun'19 and handed over
33/11 kV New S/s at Zhadima (New Kohima)	Substation charged in Oct'20
33/11 kV New S/s at Pfutsero	Substation completed and charged in Dec'20
Botsa (Augementation)	Charged in Jul'19
Chakabhama (Augementation)	Transformer charged in May'19
ITI Kohima (Augementation)	1 no. Transformer charged in Apr'19. 2 nd Transformer charged in Sep'19
NAG-DMS-04: Awarded to M/s S&W on 22nd Sep'16	
33/11 kV New S/s at Padam Pukhri	Completed in Mar'21
33/11 kV New S/s at Tizit	One X-mer charged in Oct'19. 2 nd transformer charged in Dec'19
Extn. of Existing 33/11kV Nagarjan	Bay charged in Dec'19
Industrial Estate SS (Augementation)	Charged in Mar'19
Refferal Hospital SS (Augementation)	Completed in Nov'2020

DMS Line:

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant. Comp.	Status
1	DMS-01 12.02.18	Techno Power	Existing 33 kV Mok -Mariani line to prop. 33/11 kV Longtho S/s	Dec'18	Completed in Dec'2020
2	DMS-01 12.02.18	Techno Power	Prop.132/33 kV Longleng S/s to Prop. 33/11kV Longleng town S/s	Dec'18	Completed in Aug'21
3	DMS-01 12.02.18	Techno Power	LILO of Existing 33kV Mok - Mariani line at Exist. 33/11 kV Longnak S/s	Dec'18	Completed in Nov'2020

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant. Comp.	Status
4	DMS-02 11.01.18	Techno Power	Existing 66/33kV Mokokchung S/s to New 33/11kV s/s Mokokchung Town Power House	Dec'18/Mar'23	Pole Erection:102/102 Nos. Stringing: 0.30/3.6km
5	DMS-02 11.01.18	Techno Power	Existing 66/33kV Mokokchung S/s to New 33/11kV s/s Mokokchung Town Hospital Area	Dec'18	Completed in Nov'21
6	DMS-02 11.01.18	Techno Power	New 132/33kV Zunheboto S/s to New 33/11kV s/s Zunheboto South Point	Dec'18	Completed in Feb'21
7	DMS-02 11.01.18	Techno Power	Existing 33/11kV Suruhuto S/s to Exist. 33/11kV s/s Akuloto	Dec'18	Completed in Aug'21.
8	DMS-02 11.01.18	Techno Power	Existing 33/11kV Pughoboto S/s to Exist. 33/11kV s/s Torogonyu	Dec'18	Completed in Mar'21
9	DMS-03 22.09.16	S&W	132/33 kV Kohima (New) SS to 33/11 kV Zhadima	Dec'18	Completed
10	DMS-03 22.09.16	S&W	33 kV TL from 132/33 kV new to 33/11 kV new Pfutsero S/S	Dec'18	Completed in Mar'21.
11	DMS-04 22.09.16	S&W	Existing 132/66/33 kV Nagarjan S/S to new 33/11 kV S/S Padampukhri	Dec'18	Completed in Dec'2021

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

<u>Transmission line:</u>	
1. TRP-TW-01:	
Udaipur - Bagafa 132 kV D/C line	Line completed in Mar'22
Bagafa – Belonia 132 kV D/C line	Line completed in Aug'21
132kV Interconnecting portion of 132kV Sabroom - Satchand at Satchand end	Completed in Mar'21
2. TRP-TW-02:	
Rabindra Nagar – Rokhia 132 kV D/C line	Completed in Dec'2021
LILO of one circuit of Surajmaninaqar - Rokhia 132 kV D/c line at Gokulnagar	Completed in Feb'21
Belonia – Sabroom 132 kV D/C line	Completed in Dec'2022
132kV Interconnecting portion of 132kV Sabroom - Satchand at Sabroom end	Completed in Nov'2020
3. TRP-TW-03:	
LILO of Ambassa – P. K. Bari 132 kV S/C at Manu	Completed in Nov'2020
Kailasahar – Dharmanagar 132 kV D/C line	Completed in February 2023
LILO of Agartala (79 Tilla) - Dhalabil (Khowai) 132 kV S/C line at Mohanpur	Completed in Jan'21
Udaipur- Amarpur 132 kV D/C line	Completed in Mar'21
132kV Interconnection portion from Manu (Old) S/S to Manu (New) S/S for charging of 132kV Manu - Chawmanu TL	Completed in Mar'21
<u>Sub-station</u>	
TRP-SS-01: Awarded to SPML on 4th Nov'16	
Replacement of existing 2x7.5 MVA, 132/33 kV transformer by 2x50 MVA, 132/33 kV transformer at Kailasahar	Completed in March 2023
Augmentation of Ambassa sub-station by addition of 1x31.5, 132/33 kV transformer, 2x10	Completed in Feb'21

MVA, 33/11 kV transformer & 2x250 KVA 11/0.4 kV transformer including extension of control room	
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-	Completed in Nov'21
132/33/11 kV Dharmanagar (Extn.) Substation	Completed in Aug'21.
2x31.5 MVA, 132/33 kV new sub-station at Satchand	Completed in Sep'21.
2x31.5 MVA, 132/33 kV new sub-station at Sabroom	Completed in Oct'21.
2x50 MVA, 132/33 kV new sub-station at Belonia	Completed in Nov'21.
2x50 MVA, 132/33 kV new sub-station at Bagafa	Completed in Oct'21.
TRP-SS-02: Awarded to SPML on 4th Nov'16	
2x50 MVA, 132/33 kV new sub-station at Rabindra Nagar	Substation completed in Aug'21.
2x50 MVA, 132/33 kV new sub-station at Gokulnagar	Completed in Mar'21
Augmentation of Udaipur sub-station	Completed in July'21.
Augmentation of Jirania sub-station	1 st 31.5 MVA trf commissioned on 25-09-20
132/33/11 kV Rokhia (Extn) Substation	1 no bay test charged.
TRP-SS-03: Awarded to SPML on 4th Nov'16	
2x50 MVA, 132/33 kV new sub-station at Manu	Completed in Apr'22
2x31.5 MVA, 132/33 kV new sub-station at Mohonpur (Hezamara)	Completed in Feb'21
Tripura –DMS	
TRP-DMS-01: Awarded to Technofab on 22nd Feb'17	

33/11 kV New S/s at Karbook	Completed in Nov'20
33/11 kV New S/s at Muhuripur	Completed in Mar'23
33/11 kV New S/s at Dalak (Chelagang)	Completed in Mar'22
33/11 kV New S/s at Maharani	Completed in July'21
33/11 kV New S/s at Maharani	Completed in July'21.
33/11 kV New S/s at Chechua	Completed in Nov'22
33/11 kV New S/s at Garjee	Completed in Sep'21
33 kV Joliabari S/s (Cap. Aug.)	Completed in Jan'22
33 kV Rani S/s (Cap. Aug.)	Completed in Oct'21
33 kV S/s extension at Jatanbari	Completed in July'21
33 kV S/s extension at 132/33kV Udaipur (existing)	Completed in May'21
33 kV S/s extension at Belonia	Scope Deleted
TRP-DMS-02: Awarded to Technofab on 20 th Jan'17	
33/11 kV New S/s at Srinagar	Completed in Mar'23
33/11 kV New S/s at Gabardi	Substation test charged in Jan'20
33/11 kV New S/s at Rupaichari	Completed in Feb'21
33/11 kV New S/s at Ekinpur	Completed in Mar'22.
33/11 kV New S/s at Srinagar	Completed in Mar' 23
33/11 kV New S/s at Gabardi	Substation test charged in Jan'20.
33/11 kV New S/s at Rupaichari	Completed in Feb'21.
33/11 kV New S/s at Ekinpur	Completed in Mar'22.
33 kV S/s extension & Augmentation at Rajnagar	Completed in Oct'21.
33 kV S/s extension at Silachari	Bay extension completed in April'21.

33 kV Hrishyamukh S/s (Cap. Aug.)	Completed in Jan'20.
TRP-DMS-03: Awarded to Technofab on 22nd Feb'17	
33/11 kV New S/s at Sekerkote	Completed in Feb'22
33/11 kV New S/s at Golaghati	Completed in Sep'22
33/11 kV New S/s at Durganagar	Completed in Jan'23.
33/11 kV New S/s at Nidaya	Completed in Mar'22.
33/11 kV New S/s at Nalchar	Completed in Mar'22.
33kV S/s Takarjala - Capacity Augmentation	Completed in Nov'22
33kV S/s Madhupur - Capacity Augmentation & extension	Completed in October'22
33kV S/s Melaghar - Capacity Augmentation	Completed in July'21
33 kV S/s Kathalia - Capacity Augmentation	Completed in May'21
33 kV S/s extension at Bishramhanj-	Completed in July'21.
33 kV S/s extension at Jangalia	Completed in July'21.
TRP-DMS-04: Awarded to Technofab on 20th Jan'17	
33/11 kV New S/s at Khowai	Completed in Aug'21.
33/11 kV New S/s at Simna	Completed in Feb'21.
33/11 kV New S/s at Barkathal	Completed in Mar'21
33/11 kV New S/s at Bamutia	Substation completed in April'21.
33/11 kV New S/s at Lembucherra	Completed in Jan'22.
33/11 kV New S/s at Champak Nagar	Completed in Mar'21
33/11 kV New S/s at Ranirbazar	Completed in Mar'22
33/11 kV New S/s at ADC Head Qtr	Completed in Aug'21.
33/11 kV Mungiakami S/s	Completed in Sep'21
33 kV S/s extension at 132/33 kV s/s Dhalabil	Completed in June'21

33 kV S/s extension at 33/11 kV S/s Durjoynagar	Completed in Jan'21
33 kV S/s extension at Jirania	Bay is deleted.
33 kV S/s extension & Cap. Aug. at Hezamara	One X-mer Charged in Oct'18
33 kV S/s extension at Ampura	Completed in Jan'21
33 kV S/s extension at Telimura	Completed in Feb'21.
33 kV Khayerpur S/S (Cap. Aug)	Completed in Aug'21
33 kV Khayerpur S/S (Cap. Aug)	Completed in Aug'21
TRP-DMS-05: Awarded to Technofab on 22nd Feb'17	
33/11 kV New S/s at Jawahar Nagar	Completed in Mar'22
33/11 kV New S/s at Chailengta	Completed in Mar'22
33/11 kV New S/s at 82 mile	Completed in Feb'22
33/11 kV New S/s at Durga Chowmohani	Completed in Feb'22
33 kV S/s extension at 132/33 kV S/s P K Bari	Completed in June'21
33 kV S/s extension at Kalaisahar	Completed in May'21
33 kV S/s Gandacherra S/S (Cap. Aug)	Completed in Nov'21
33 kV S/s Salema S/S (Cap. Aug)	Completed in Jan'22
33 kV S/s Rangrung S/S (Cap. Aug)	Completed in Mar'21
Chamanu S/S	Completed in Oct'21
<u>Transmission line:</u> All packages awarded to M/s EMC on 12 th June'17	
TRP-TW-01:	
Bagafa – Satchand 132 kV S/c on D/C line	Line Length (km) : 29.37 Tower Locations (nos) : 119 Foundation completed(nos):109 Tower Erected (nos) : 94 Stringing completed (kms) :14.90 Scheduled date of completion : Dec'18 Anticipated date of completion : May'23
TRP-TW-02:	

Rabindra Nagar – Belonia 132 kV D/C line	Line Length (km) : 63.609 Tower Locations (nos) : 224 Foundation completed(nos) : 221 Tower Erected (nos) : 220 Stringing completed (kms) : 57.109 Scheduled date of completion: Dec'18 Anticipated date of completion : May'23 Constraint if any: Forest area (75 Ha) Stage-I clearance obtained on 12.04.2019. Working permission issued in Jun'20.
<u>Sub-station</u>	
TRP-SS-01: Awarded to SPML on 4th Nov'16	
2x31.5 MVA, 132/33 kV new Substation at Amarpur	Land acquisition : Acquired Civil work (%) : 74 Equipment received (%): 85 Equipment erected (%): 60 Scheduled date of completion: Dec'18 Anticipated date of completion : May'23
TRP-DMS-02: Awarded to Technofab on 20th Jan'17	
33/11 kV New S/s at Manughat	Land acquisition : Acquired. Civil work (%) : 48 Equipment received (%): 39 Equipment erected (%) : - Scheduled date of completion : Dec'18 Anticipated date of completion : May'23 Remarks: CT, PT, LA received.
33/11 kV New S/s at Barpathari	Civil work (%) :68 Equipment received (%) :43 Equipment erected (%) : - Scheduled date of completion: Dec'18 Anticipated date of completion :May'23 Remarks: Boundary wall, Tower foundation, transformer foundation, and CRB works under progress. Constraint if any: 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.
33/11 kV Taidu S/s	Land acquisition: Acquired Civil work (%): 48 Equipment received (%): 40 Equipment erected (%): - Scheduled date of completion: Dec'18 Anticipated date of completion: May'23
33/11 kV New S/s at Dhumachhera	Land acquisition: Acquired Civil work (%): 73 Equipment received (%): 62 Equipment erected (%): 24 Scheduled date of completion: Dec'18 Anticipated date of completion: May'23
33/11 kV New S/s at Tilla Bazar	Land acquisition: Acquired Civil work (%): 25 Equipment received (%): 35 Equipment erected (%): - Scheduled date of completion: Dec'18 Anticipated date of completion: May'23 Constraint if any: Identified land is a marshy land with very low soil bearing capacity.

DMS Lines:

SI No.	Package	Name of Agency	Name of line	Sch./Ant. Comp.	Status
1	DMS-01	Technofab	LILO of existing Tirthamukh - Silachari line at Karbook	Dec'18	Completed.
2	DMS-01		LILO of existing Jolaibari - Bagafa line at Muhuripur	Dec'18	Completed in Jan'23
3	DMS-01		Dalak (Chelagang) - Amarpur line	Dec'18	Completed in Oct'21
4	DMS-01		33/11 kV Belonia-Chittamara	Dec'18	Completed in Aug'21
5	DMS-01		Dalak(Chelagang) - Jatanbari	Dec'18	Completed in Jan'22

SI No.	Package	Name of Agency	Name of line	Sch./Ant. Comp.	Status
6	DMS-01		Garjee to Chittamara	Dec'18	Completed in Dec'2021
7	DMS-01		Udaipur to Maharani	Dec'18	Completed in July'21.
8	DMS-01		Garjee-Maharani	Dec'18	Completed in Oct'21
9	DMS-01		132/33kV Amarpur-Chechua	Dec'18	Completed in Mar'22
10	DMS-02		Sabroom - Manughat	Dec'18	Completed in Feb'22
11	DMS-02		Manughat - Srinagar	Dec'18	Completed in Sep'22
12	DMS-02		Satchand - Srinagar	Dec'18	Completed in Dec'2021
13	DMS-02		Tapping point on existing Belonia - Hrishyamukh to Srinagar	Dec'18	Completed in Dec'2021
14	DMS-02		Satchand - Rupaichari	Dec'18	Completed in Mar'21
15	DMS-02		Rajnagar - Ekinpur	Dec'18	Completed in Mar'22
16	DMS-02		LILO of existing Belonia - Rajnagar line at Barpathari	Dec'18	Completed in Dec'2021
17	DMS-02		Jolaibari - Silachari	Dec'18	Completed in Jan'23
18	DMS-02		Jolaibari - Satchand	Dec'18	Completed in June'21
19	DMS-02		Rupaichari - Sabroom	Dec'18	Completed in Feb'22

SI No.	Package	Name of Agency	Name of line	Sch./Ant. Comp.	Status
20	DMS-02		LILO of existing Surajmaninagar - Takarjala line at Gabardi	Dec'18	Charged in Jan'20
21	DMS-03		33kV S/C line (line length 4.0km) from Sekerkote new 33/11kV S/S to tapping point of Badharghat-Jangalia line.	Dec'18	Completed in Oct'21
22	DMS-03		33kV S/C line (line length 3.0km) from Sekerkote new 33/11kV S/S to Gokulnagar new 132/33kV S/S	Dec'18	Completed in Oct'21
23	DMS-03		33kV S/C line (line length 6.0km) from Gokulnagar new 132/33kV S/S to tapping point of Badharghat-Jangalia line.	Dec'18	Completed in Dec'2021
24	DMS-03		132/33kV Gokul Nagar (Proposed) to Golaghati	Dec'18	Completed in Dec'2021
25	DMS-03		Takarjala existing 33/11kV S/s to Golaghati	Dec'18	Completed in July'21
26	DMS-03		Proposed Gokul Nagar 132/33kV S/S to Durganagar	Dec'18	Completed in May'21
27	DMS-03		Madhupur existing 33/11kV S/s to Durganagar	Dec'18	Completed in July'21
28	DMS-03		Kathalia Existing 33/11kV S/s to Nidaya	Dec'18	Line completed.
29	DMS-03		Melagarh Existing 33/11kV S/s to Nalchar	Dec'18	Completed in May'21.

SI No.	Package	Name of Agency	Name of line	Sch./Ant. Comp.	Status
30	DMS-03		Bishramganj Existing 33/11kV S/s to Nalchar	Dec'18	Completed in May'21.
31	DMS-03		Proposed Gokul Nagar 132/33kV S/S to tapping at Madhupur to Jangalia Line	Dec'18	Completed in Feb'21
32	DMS-03		Bishramganj 33/11kV S/s to Jangalia	Dec'18	Completed in Apr'22.
33	DMS-03		Rajnagar Existing 33/11kV S/s to Nidaya	Dec'18	Completed in Nov'21.
34	DMS-04		132/33kV S/S Mohanpur -Barkathal	Dec'18	Completed in Mar'22.
35	DMS-04		33/11kV S/s Lembucherra -Bamutia	Dec'18	Line completed.
36	DMS-04		Champak Nagar- ADC Head Qtr	Dec'18	Completed in Aug'21
37	DMS-04		Existing 132/33kV S/S Dhalabil –Khowai	Dec'18	Completed in Aug'21
38	DMS-04		33/11kV S/s Hezamara-Simna	Dec'18	Completed in Jan'21
39	DMS-04		Jirania -ADC Head Qtr.	Dec'18	Completed in Jan'21
40	DMS-04		Hezamara -Barkathal	Dec'18	Completed in May'21.
41	DMS-04		Durjoynagar –Bamutia	Dec'18	Completed in Jan'22
42	DMS-04		Hezamara- Dhalabil	Dec'18	Completed in Apr'22.
43	DMS-04		Ampura s/s (under RGGVY) - Khowai	Dec'18	Completed in Mar'22.

SI No.	Package	Name of Agency	Name of line	Sch./Ant. Comp.	Status
44	DMS-04		Tapping point on Mohanpur -Hezamara existing 33kV feeder-Simna	Dec'18	Completed in Mar'22.
45	DMS-04		132/33kV Jirania (existing) to Champak Nagar	Dec'18	Completed in Dec'2021
46	DMS-04		132/33kV Teliamura (existing) to Taidu	Dec'18	Completed in Jan'22
47	DMS-04		Chechua to Taidu	Dec'18	Completed in Apr'22.
48	DMS-04		LILO of existing Agartala - Mohanpur line at Lembucherra	Dec'18	Complete in Jan'21
49	DMS-04		LILO of existing Khayerpur - Jirania line at Ranirbazar	Dec'18	Completed in Jan'21
50	DMS-04		LILO of existing Ambassa-Teliamura line at Mungiakami	Dec'18	Completed in Dec'2021
51	DMS-05		Ambassa existing 132/33kV s/s to Jawahar Nagar	Dec'18	Completed in July'21.
52	DMS-05		LILO of existing Chhamanu-Manu line at Chailengta	Dec'18	Completed in Jan'21
53	DMS-05		Proposed Jawhar Nagar 33/11 kV S/s to Dhumachhera	Dec'18	Completed in Dec'22
54	DMS-05		Proposed Manu 132/33 kV S/S to Dhumachera	Dec'18/	Line completed.
55	DMS-05		33 KV Line from Proposed Manu 132/33kV S/S to 82 Mile	Dec'18/	Completed in Mar'22

SI No.	Package	Name of Agency	Name of line	Sch./Ant. Comp.	Status
56	DMS-05		P K Bari Existing 132/33kV S/s to 82 Mile	Dec'18/	Completed in Jan'22
57	DMS-05		Kalaisahar - Tilla Bazar	Dec'18	Completed in Jan'22
58	DMS-05		Proposed Manu 132/33kV S/S to tapping at Chawmanu - Manu line	Dec'18	Line deleted.
59	DMS-05		33kV S/C line-I from Kamalpur 132/33/11kV S/S to Durgachowmohni New 33/11kV S/S	Dec'18	Completed in Jan'22
60	DMS-05		33kV S/C line-II from Kamalpur 132/33/11kV S/S to Durgachowmohni New 33/11kV S/S	Dec'18	Completed in Dec'2021
61	DMS-02		Reconductoring of Belonia - Rajnagar		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
62	DMS-02		Reconductoring of Belonia - Hriyshmukh		
63	DMS-03		Reconductoring of Badarghat to Jangalia		
64	DMS-03		Reconductoring of Rabindranagar 132/33 KV S/S to Kathlia		
65	DMS-03		Reconductoring of Rabindranagar 132/33 KV S/S to Melaghar		

SI No.	Package	Name of Agency	Name of line	Sch./Ant. Comp.		Status
66	DMS-03		Reconductoring of Badharghat to SM Nagar			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 reconductoring of 15 lines as per contract provision. TSECL has intimated their priority list in Jun'20. It has been approved in the 9 th PSC meeting dated 14.08.2021 to delete 12 reconductoring lines.
67	DMS-03		Reconductoring of SM Nagar to Takarjala			
68	DMS-04		Reconductoring of Teliamura to Kalyanpur			
69	DMS-04		Reconductoring of Dhalabil to Kalyanpur	Aug'22	Compleet-ed in Dec'22	
70	DMS-04		Reconductoring of Mohanpur to Hezamara			
71	DMS-04		Reconductoring of Mohanpur to Agartala	Aug'22	Pole: 463/500 Strg:5.54 /18.54kM	
72	DMS-04		Reconductoring of Khayerpur to Jirania			
73	DMS-05		Reconductoring of Ambassa to Teliamura			
74	DMS-01		Reconductoring of Julaibari to Bagafa			
75	DMS-01		Reconductoring of Silachari to Tirthamukh			

Financial Status of NERPSIP as on 30.04.2023:

Sl. No.	Particulars	Project head (in Crs.)	Other than Project cost (in Crs.)	Total (in Crs.)
1	Amount received	Rs. 4,139.52	Rs. 639.32	Rs. 4,778.84
2	Amount spent	Rs. 4,022.61	Rs. 480.79	Rs. 4,503.40

3	Amount available	Rs. 116.91	Rs. 158.53	Rs. 275.44
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NERPSIP Expenditure upto April 2023 during FY 2023-24

(Figures in Rupees Crores)

State	Expenditure
Assam	4.37
Manipur	2.25
Meghalaya	3.23
Mizoram	0.56
Nagaland	2.56
Tripura	10.39
TOTAL	23.36

Physical Progress

Total Elements Sanctioned (No.)	Elements Completed till Apr'23(No.)
446	424

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

Background:

Presently, only 5 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 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'2014
Implementing Agency	: POWERGRID
Estimated Cost (Rs. Crs)	: 4754.42 Cr.
Revised cost (Rs. Crs)	: 9129.32 Cr. (Approved in Mar'21)
Funding	: GOI
Completion schedule	: Mar'24

Summary

State	Packages			Total
	Transmission Lines	Substations	Distribution Systems	
Sikkim	3 (TW-01, TW-02 & TW-04)	7 (SS-01, SS-03, SS-04, SS-06 to SS-09)	NA	10
Arunachal Pradesh	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)	6 (SS-01A, SS-01B, SS-02 to SS-05)	8 (DMS-01A, DMS-01B, DMS-02 to DMS-04, DMS-05,06,07)	37

Details of Packages:

Arunachal Pradesh

Total no. of Packages: 37 No. of Awarded Packages: 37

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 Erect, Telecom, TW-27, Pile fdn)	Transmission Lines	23 packages: Awarded
2.	6 (SS-01A, SS-01B, SS-02 to SS-05)	Sub-Stations	6 packages: Awarded

3.	8 (DMS-01A, DMS-01B, DMS-02 to DMS-04, DMS-5A, B, C)	Distribution System	5 packages: Awarded 3 packages: Awarded
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Transmission line (EHV)

Likabali-Niglok 132kV S/c line on D/c tower (TW01)	Line Length (km) : 66.05 Tower Location (nos.) : 223 Foundation completed (nos.) : 130 Tower Erected (nos.) : 82 Stringing completed (km) : 4.034 Anticipated date of completion : May'23
Pasighat Old-Mariyang 132kV S/c line on D/c tower	Line Length (km) : 48.25 Tower Location (nos.) : 186 Foundation completed (nos.) : 10 Tower Erected (nos.) : 4 Stringing completed (km) : Anticipated date of completion : May'23
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	Line Length (km) : 13.12 Tower Location (nos.) : 46 Foundation completed (nos.) : 46 Tower Erected (nos.) : 44 Stringing completed (km) : 6 Anticipated date of completion : May'23
Seppa-Rilo 132kV S/c line on D/c tower	Line Length (km) : 45.830 Tower Location (nos.) : 172 Foundation Completed (nos.) : 42 Tower Erected (nos.) : 19 Stringing completed (km) : Anticipated date of completion : May'23
Rilo-Seijosa 132kV S/c line on D/c tower	Line Length (km) : 44.33 Tower Location (nos.) : 164 Foundation Completed (nos.) : 68 Tower Erected (nos.) : 24 Stringing completed (km) : Anticipated date of completion : May'23
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 : May'23
Naharlagun-Banderdewa 132kV S/c line on D/c tower	Line Length (km) : 16.75 Tower Location (nos.) : 85 Foundation completed (nos.) : 22 Tower Erected (nos.) : 12 Stringing completed (km) : 1.188

	Anticipated date of completion :	May'23
Chimpu (Itanagar)-Holongi 132kV S/c line on D/c tower	Completed in Apr'23	
Rilo-Sagali 132kV S/c line on D/c tower	Line Length (km) : Tower Location (nos.) : Foundation completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion :	33 142 27 08 : May'23
Gerukamukh-Likabali 132kV S/c line on D/c tower	Line Length (km) : Tower Location (nos.) : Foundation Completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion :	52.274 180 95 66 2.631 May'23
Naharlagun-Gerukamukh 132kV S/c line on D/c tower	Line Length (km) : Tower Location (nos.) : Foundation completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Constraint, if any :	90.58 284 3 0 : May 23 :
Ziro (PG)-Palin 132kV S/c line on D/c tower	Line Length (km) : Tower Location (nos.) : Foundation Completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Forest Status : Constraint if any :	37.43 120 : : : Mar'24 Forest proposal Stage-I approved on 24.03.23. Forest proposal working permission awaited.
Palin-Koloriang 132kV S/c line on D/c tower	Line Length (km) : Tower Location (nos.) : Foundation Completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Forest Status :	33.878 105 : : : Mar'24 Stage-I clearance is awaited.
Daporijo-Nacho 132kV S/c line on D/c tower	Line Length (km) : Tower Location (nos.) : Foundation Completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Forest Status : Constraint if any :	70.093 167 : : : Mar'24 Stage-I awaited. Stage-I Forest clearance awaited.
Jairampur-Miao 132kV S/c line	Line Length (km) : Tower Location (nos.) : Foundation completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Forest Status :	34.301 121 17 0 0 May'23 Stage-II clearance received on 31.03.21.

	Constraint, if any:	Line passing through RF facing severe ROW
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 : May'23 Forest Status : Stage-I awaited. Constraint if any : Stage-I forest clearance 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 : May'23 Forest Status : Stage- I clearance is 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 : May'23 Forest Status : Stage-I clearance awaited Constraint, if any :	
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 : May'23 Forest Status : Stage-II clearance received on 14.11.22. Constraint, if any :	
Khuppi-Seppa 132kV S/c line	Line Length (km) : 48.872 Tower Location (nos.) : 147 Foundation completed (nos.) : 94 Tower Erected (nos.) : 61 Stringing completed (km) : 0 Anticipated date of completion : May'23 Forest Status : Stage II Forest clearance obtained on 11.07.22. Constraint if any :	
1. Seppa-Bameng 132kV S/c line	Line Length (km) : 29.337 Tower Location (nos.) : 118 Foundation completed (nos.) : 57 Tower Erected (nos.) : 31 Stringing completed (km.) : Anticipated date of completion : May'23 Forest Status : Stage-II issued on 20.09.21. Constraint, if any :	
Along-Kambang 132kV S/c line on D/c tower	Line Length (km) : 35.36 Tower Location (nos.) : 116 Foundation completed (nos.) : 20 Tower Erected (nos.) : Stringing completed (km) :	

	Anticipated date of completion : Sep'23 Forest Status: Forest working permission was given on 24.04.23. Remarks : Constraint, if any :
2. Kambang-Mechuka 132kV S/c line on D/c tower	Line Length (km) : 91.92 Tower Location (nos.) : 269 Foundation completed (nos.) : 5 Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Sep'23 Forest Status : Stage-I awaited. Constraint, if any : Forest Clearance stage-I awaited.
Along-Yingkiong 132kV S/c line on D/c tower	Line Length (km) : 95 Tower Location (nos.) : 311 Foundation completed (nos.) : 24 Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Sep'23 Forest Status : Stage-I clearance accorded on 30.03.23. Constraint, if any: Forest clearance working permission awaited
Yingkiong-Tuting 132kV S/c line on D/c tower	Line Length (km) : 78 Tower Location (nos.) : 290 Foundation completed (nos.) : 01 Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Sep'23 Forest Status : Stage-I clearance is awaited. Constraint, if any :
27. Deomali-Khonsa 132kV S/c line	Line Length (km) : 29.528 Tower Location (nos.) : 88 Foundation completed (nos.) : 70 Tower Erected (nos.) : 45 Stringing completed (km) : 0 Anticipated date of completion : May'23 Forest Status : Stage-II issued on 12.01.22. Constraint, if any : 02 nos. locations under RoW in RF area and Forest Tree cutting is required for commence work with DFO, Deomali and Khonsa.
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 : May'23 Forest Status : Working permission awaited
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 : May'23 Forest Status : Stage-I received on 09.02.23.

	Constraint if any: Working permission awaited
Miao-Namsai (PG) 132kV S/c line on D/c tower	Line Length (km) : 41.045 Tower Location (nos.) : 138 Foundation completed (nos.) : 34 Tower Erected (nos.) : 24 Stringing completed (km) : 0 Anticipated date of completion : May'23 Forest Status : Stage -II clearance obtained
28. 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 : May'23 Forest Status : Stage I clearance awaited.
Khupi-Bomdila 132kV S/c line on D/c tower	Line Length (km) : 44.86 Tower Location (nos.) : 145 Foundation completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : May'23 Forest Status : Stage-I clearance awaited. Constraint, if any: Forest proposal Stage-I clearance awaited.
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 : May'23 Forest Status : Working Permission awaited. Constraint if any: Working permission awaited.
29. 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 : May'23 Forest Status : Stage-I clearance awaited. Constraint if any : Stage-I clearance awaited.
132kV D/C Ziro (PG)-Ziro (New) Line	Line Length (km) : 12.24 Tower Location (nos.) : 42 Foundation completed (nos.) : 21 Tower Erected (nos.) : 19 Stringing completed (km) : 0 Anticipated date of completion : May'23 Forest Status : Working permission issued on 30.06.22. Stage II awaited. Constraint if any : Forest Clearance Stage-II awaited. 4/42 disbursements pending due to RoW
30. LILO of 132kV Daporijo-Along line at Basar	Successfully charge on 31.01.23

Sub-stations EHV

ARP-SS-01A	
63 MVA, 132/33kV at Niglok	Completed in Mar'22
20 MVA, 132/33kV at Pasighat New (Napit)	Completed in Dec'21
15 MVA, 132/33kV at Likabali	Land acquisition : Handed over. Civil work (%) : 80 Equipment received (%) : 90 Equipment erected (%) : 80 Anticipated date of completion : May'23
132kV Pasighat Old (Extn)	Completed in Mar'21
ARP-SS-01B	
4x5 MVA, 132/3 kV at Basar (New)	Completed in Mar'22
4x5 MVA, 132/33kV at Ziro (New)	Completed in Mar'22
4x5 MVA, 132/3 kV at Gerukamukh (New)	Completed in Jan'23
132/33kV Ziro (PG) Extn	Completed in Mar'22
ARP-SS-02	
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 (%) : 40 Equipment received (%) : 80 Equipment erected (%) : Anticipated date of completion : May'23 Remarks : Constraint if any :
132kV Khupi (Extn):	Commissioned in July'19
ARP-SS-03	
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
ARP-SS-04	
15 MVA, 132/33kV at Khonsa	Completed in March'2023
15 MVA, 132/33kV at Changlang	Completed in Feb'2023
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
132kV Namsai (PG) Extn.	Completed in Mar'20
ARP-TW-31	
132/33kV at Bomdila.	Land acquisition : Handed over. Civil work (%) : 50% Equipment received (%) : 50% Equipment erected (%) : Anticipated date of completion : May'23 Remarks:
132/33kV at Kalakthang.	Land acquisition : Handed over. Civil work (%) : 60% Equipment received (%) : 40% Equipment erected (%) : Anticipated date of completion : May'23 Remarks : Equipment foundation under progress.
132/33kV at Tawang	Land acquisition : Handed over. Civil work (%) : 10 Equipment received (%) : 20 Equipment erected (%) : Anticipated date of completion : May'23 Remarks:
132/33kV Khupi Extension	Completed in Mar'23
132kV Bay Extn at Dukumpani	Successfully charged on 21.10.22
ARP-SS-05	
132/33kV at Dambuk.	Land acquisition : Handed over. Civil work (%) : 40 Equipment received (%) : 95 Equipment erected (%) : Anticipated date of completion : Mar'24 Remarks: Constraint if any :
132/33kV at Kambang	Completed in Mar'23
132/33kV at Yingkiong	Completed in Mar'23

132/33kV at Koloriang	Land acquisition : Handed over. Civil work (%) : 55% Equipment received (%) : 95. Equipment erected (%) : 10 Anticipated date of completion : Mar'24 Remarks : Constraint if any :
132/33kV at Palin	Completed in Mar'23
132/33kV at Halaipani	Land acquisition : Handed over. Civil work (%) : 40 Equipment received (%) : 95 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: CRB plinth beam completed, Tower foundation completed
132kV Tezu (Extn).	Completed in Mar'23
132kV Roing (Extn).	Completed in Mar'23
132kV Along (Extn).	Land acquisition : Handed over. Civil work (%) : 80 Equipment received (%) : 80 Equipment erected (%) : Anticipated date of completion : Mar'24 Remarks : Tower Foundation completed
Augmentation 15 MVA, 132/33kV at Daporijo	Land acquisition : NA Civil work (%) : Equipment received (%) : 80 Equipment erected (%) : Anticipated date of completion : Mar'24 Remarks:

DMS Substation & Lines

ARP-DMS-1A:	
33/11kV new S/s at AIR, Pasighat	Completed in Mar'22
2x2.5MVA, 33/11kV new S/s at Jeying	Completed in Mar'22 Constraint If any : Approach Road demand note awaited.
2x2.5MVA, 33/11kV new S/s at Likabali	Completed in Mar'20
2x5MVA, 33/11kV new S/s at Mebo	Completed in Mar'21
2x5MVA, 33/11kV new S/s at Napit	Completed in Mar'20
2x2.5MVA, 33/11kV new S/s at Nari	Completed in Oct'21
2x2.5MVA, 33/11kV new S/s at Ngopok	Completed in Jan'21

2x2.5MVA, 33/11kV new S/s at Oyan	Completed in Jan'21
2x2.5MVA, 33/11kV new S/s at Ruksin	Completed in Feb'21
Extn. Of existing 33/11kV Old Pasighat S/s	Completed in Feb'21
ARP-DMS-1A: Total-09 lines (183 km) LOA Line Length (km) : 183 Survey Line Length : 162.8 Pole Location (nos.) : 3393 Pole Erected (nos.) : 3186 Stringing completed (km) : 119 km. Anticipated date of completion : May'23 Remarks : Constraint, if any : Severe RoW issue due to demand of compensation by landowners. Govt. Notification issued on 09.11.22. Compensation shall be paid against surface damages (normal crops and trees) in RoW of 33kV Lines under Comprehensive Scheme. Assessment and disbursement to be expedited for early completion of balance works. The present status of assessment and disbursement is as below.	
33kV Niglok-Ruksin TL:	Assessment pending.
33kV Napit-Oyan TL:	15 locations affected. Assessment completed and demand note awaited from ADC, Pasighat and ADC, Ruksin; Further, 31 locations affected due to road widening of NHIDCL (Bharat Mala Project-4 Lane); Joint visit of POWERGRID, NHIDCL, DoP done on 16.01.23.
33kV Pasighat-Mebo:	ADC-Mebo: Assessment completed for Mebo & Disbursement pending, to be expedited; ADC Pasighat: Assessment completed on 10.03.23. Demand note received on 30.03.23.
33kV Ngopok-Mebo:	Assessment completed & Payment done by POWERGRID, Disbursement to be expedited by DRLSO (East Siang)
33kV Pasighat-Jeying:	33kV Pasighat-Jeying: ADC, Mebo: Assessment completed. Disbursement pending, to be expedited; ADC, Pasighat: Assessment completed on 10.03.23. Demand note received on 30.03.23.
33kV Napit-AIR Pasighat:	33kV Napit-AIR Pasighat: ADC, Pasighat: Assessment completed & Demand Note received and Payment to DC account from APDA done on 09.03.23. Disbursement to be expedited.
33kV Ruksin-Oyan (New):	Assessment to be expedited by ADC Ruksin; Further, 27 locations affected due to road widening of NHIDCL (Bharat Mala Project- 4 lane); Joint visit of NHIDCL, DoP done on 16-01-2023. Except for this portion, the rest is complete.
ARP-DMS-1B:	

2x2.5MVA, 33/11kV new S/s at Gensi	Completed in Feb'23
2x2.5MVA, 33/11kV new S/s at Gerukamukh	Completed in Jan'21
2x 5 MVA, 33/11kV new S/s at Hapoli	Successfully charged on 29.12.21
2x2.5MVA, 33/11kV new S/s at Igo	Completed in Mar'21
2x2.5MVA, 33/11kV new S/s at Koyu	Completed in Jan'21
2x2.5MVA, 33/11kV new S/s at Raga	Completed in Mar'21
2x2.5MVA, 33/11kV new S/s at Tirbin	Completed in Feb'21
2x5MVA, 33/11kV new S/s at Yazali	Completed in Oct'22
ARP-DMS-1B: Total-12 lines (414 km) Line Length (km) : 372 Survey Line Length : 310 Tower Location (nos.) : 7393 Tower Erected (nos.) : 6518 Stringing completed (km) : 210.6 Anticipated date of completion : May'23 Remarks : Pole erection work u/p. Constraint, if any :	
33kV Koyu-Napit TL (48.47 km)	Assessment completed for Ruksin, Report awaited; Assessment completed for ADC, Pasighat; Assessment completed on 14.03.23; Demand note awaited.
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.	
2x2.5MVA, 33/11kV new S/s at Balemu	Completed in Mar'22
2x2.5MVA, 33/11kV new S/s at Bana	Land acquisition : Handed over. Civil work (%) : 18 Equipment received (%) : 65 Equipment erected (%) : 10 Anticipated date of completion : May'23 Remarks : CRB slab completed and S/Y transformer fdn completed. Constraints if any : Original LOA awarded to M/s Technofab terminated and re-awarded to M/s TPL on 15.01.21.

2x2.5MVA, 33/11 kV new S/s at Khenewa	Completed in Mar'23
2x2.5MVA, 33/11kV new S/s at Pipu	Land acquisition : Handed over. Civil work (%) : 15 Equipment received (%) : 65 Equipment erected (%) : 5 Anticipated date of completion : May'23 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.
2x2.5MVA, 33/11kV new S/s at Rilo	Completed in Dec'22
2x2.5MVA, 33/11kV new S/s at Seijosa	Completed in Feb'23
2x2.5MVA, 33/11kV new S/s at Thriziono	Land acquisition : Handed over. Civil work (%) : 60 Equipment received (%) : 65 Equipment erected (%) : 10 Anticipated date of completion : May'23 Remarks : Approach Road WIP. Constraints if any : Original LOA awarded to M/s Technofab terminated and re-awarded to M/s TPL on 15.01.21.
Extn. of existing 33/11kV Bameng S/s	Completed in Mar'22
Extn. of existing 33/11kV Khupi S/s	Complete in Mar'20.
<u>DMS-02: Total-6 lines (148.79 km)</u> Line Length (kms) : 148.763 km Pole Location (nos) : 4870 Pole Erected (nos) : 2144 Stringing completed (kms) : 11.4 Anticipated date of completion : May'23 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	
<u>ARP-DMS-03:</u>	
2x2.5MVA, 33/11kV new S/s at AP Secretariat	Completed in Nov'22
2x5MVA, 33/11kV new S/s at Doimukh	Successfully charged on 25.09.19

2x2.5MVA, 33/11kV new S/s at GohpurTinali	Land acquisition : Handed over. Civil work (%) : 5 Equipment received (%) : Equipment erected (%) : Anticipated date of completion : May'23 Remarks : Land Dispute Constrain if any : Land Possession on 15.09.21 Clarity for commencement of execution of work is required from DoP.
2x5MVA, 33/11kV new S/s at Jote	Work completed in Mar'20.
33/11kV new S/s at Bumla(Y-Junction)	Land acquisition : Handed over. Civil work (%) : 70 Equipment received (%) : 80 Equipment erected (%) : 0 Anticipated date of completion : May'23 Remarks : Tower & Equipment Foundation-26/29 Constrain if any : Limiting working window in Tawang Area Land Possession on 25.06.18
2x2.5MVA, 33/11kV new S/s at Leporiang	Completed in Mar'21
2x2.5MVA, 33/11kV new S/s at Lumla	Land acquisition : Handed over. Civil work (%) : 0 Equipment received (%) : 20 Equipment erected (%) : 1 Remarks : Waiting for Soil Test report and drawing approval. Constrain if any : Land Possession on 10.11.22.
2x2.5MVA, 33/11kV new S/s at Mukta	Land acquisition : Handed over. Civil work (%) : 60 Equipment received (%) : 80 Equipment erected (%) : 12 Anticipated date of completion : May'23 Remarks : CRB brick work and plastering completed. Constrain if any : Limiting working Season in Tawang Area Land Possession on 30.09.2017
2x5MVA, 33/11kV new S/s at Pappu Nallah	Completed in Feb'23
2x5MVA, 33/11kV new S/s at Raj Bhawan	Completed in Dec'20
33/11kV new S/s at Thimbu	Land acquisition : Handed over.

	Civil work (%) : 80 Equipment received (%) : 80 Equipment erected (%) : 2 Anticipated date of completion : May'23 Remarks : Foundation works under progress. Constrain if any : Limiting working season in Tawang Area Land Possession on 14.08.19
Extn. of Existing 33/11kV Chimpu S/s	Completed in Dec'20
Extn. of Existing 33/11kV Jang S/s	Completed in Mar'21
ARP-DMS-03: Total-10 lines (201 km) LOA Line Length (km) : 201 Survey line length : 118 Pole Location (nos.) : 3053 Pole Erected (nos.) : 2463 Stringing completed (km) : 74.4 Anticipated date of completion : May'23 Remarks : Pole erection work under progress. Constraint, if any	
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.	
2x5MVA, 33/11kV new S/s at Changlang	Land acquisition : Handed over. Civil work (%) : 22 Equipment received (%) : 70 Equipment erected (%) : 0 Anticipated date of completion : May'23 Remarks : 40% site leveling and Slab Casting Completed. Constraint if any : Originally co-located with 132kV Station. Subsequently de-located and possession of new land issued in Sep'21
2x5MVA, 33/11kV new S/s at Khonsa	Land acquisition : Handed over. Civil work (%) : 6 Equipment received (%) : 65 Equipment erected (%) : 10 Anticipated date of completion : May'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 in Sep'21
2x2.5MVA, 33/11kV new S/s at Kanubari	Completed in Jan'23

2x2.5MVA, 33/11kV new S/s at Kharsang	Completed in Dec'22
2x2.5MVA, 33/11kV new S/s at Khimiyong	Land acquisition : Handed over. Civil work (%) : 30 Equipment received (%) : 75 Equipment erected (%) : 10 Anticipated date of completion : May'23 Remarks: Site leveling 90% completed. Control Room Building (CRB) curing work under progress. Constraint if any : Original LOA awarded to M/s Technofab Aug'16, LOA re-awarded to M/s TPL on 14.12.20.
2x2.5MVA, 33/11kV new S/s at Longding	Completed in Nov'22
2x2.5MVA, 33/11kV new S/s at Manmao	Completed in Dec'22 Constraint if any: Approach Road demand note awaited.
33/11kV new S/s at Diyun	Land acquisition : Handover Civil work (%) : 7 Equipment received (%) : 70 Equipment erected (%) : Anticipated date of completion : May'23 Remarks: CRB soil filling and compaction works under progress. 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 in Sep'21
2x5MVA, 33/11kV new S/s at Choukham	Completed in Mar'22
33/11kV new S/s at Deomali	Completed in Oct'22 Constraint if any: The matter regarding construction of a completely new 132kV bay at Deomali with all equipment there for Khonsa 132kV feeder to be put and deliberated in the next PSC meeting.
33/11kV new S/s at Namsai	Completed in Mar'22
33kV Miao (Augmentation)	Completed in Mar'21
Extn. of existing 33/11kV Deomali S/s	Completed in Mar'22
DMS-04 Lines: Total-09 lines Line Length (kms) : 270.3 km Pole Location (nos) : 6683 Pole Erected (nos) : 1940 Stringing completed (kms) : 38.22 Anticipated date of completion : May'23	

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.	
ARP-DMS-05A: Awarded Contract terminated due to poor performance. New contract likely to be awarded by May'23	
33/11kV Giba (Dumporijo) 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 5 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of Completion : Mar'24 Remarks : CRB Raft 03 nos. completed
33/11kV Maro 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 2 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'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 : Mar'24 Remarks : Site leveling work completed.
33/11kV Nacho 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 3 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: CRB excavation and bar binding under progress.
33/11kV Nyapin 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks : Soil investigation Completed.
33/11kV Sippi 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 3 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks : CRB work started.
33/11kV Tali 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0

	Anticipated date of completion : Mar'24 Remarks : Contour survey completed Constraint if any :
33/11kV Thalia 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks : Contour & line survey completed.
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 : Mar'24 Remarks:
DMS Lines (DMS-05A): Total-08 lines	
LOA Line Length (km) : 273 Survey Line Length (km) : 215 Tower Location (nos.) : 5767 Foundation completed (nos.) : Tower Erected (nos.) : Stringing completed (km) : Anticipated date of completion : Mar'24 Remarks : Constraint if any :	
ARP-DMS-05B: Awarded Contract terminated due to poor performance. New contract likely to be awarded by May'23	
33/11kV Boleng 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 10 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Control room building foundation completed.
33/11kV Geku 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 3 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks:
33/11kV Jengging 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 3 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Constraint If any : Approach Road demand note awaited.

33/11kV Kaying 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 3 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Boundary wall foundation and plinth beam completed.
33/11kV Koreng 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 3 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Boundary wall foundation under progress.
33/11kV Maryang 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks:
33/11kV Mechuka 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Engineering activities 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 : Mar'24 Remarks: Site leveling under progress
33/11kV Tuting 2x2.5 MVA	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Engineering activities under progress Constraint if any : Approach Road demand note awaited.
33/11kV Existing Geku HEP S/s	Land acquisition : Handed Over Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Engineering activities under progress
33/11kV Existing Along S/s	Land acquisition : Handed Over

	Civil work (%) : 0 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Engineering activities under progress
DMS Lines (DMS-05B): Total-09 lines	
LOA Line Length (km)	: 220
Survey Line length (km)	: 230
Tower Location (nos.)	: 3678
Foundation completed (nos.)	:
Tower Erected (nos.)	:
Stringing completed (km)	:
Anticipated date of completion	: Mar'24
ARP-DMS-05C: Awarded to VIKRAN	
33/11kV Anini S/s	Land acquisition : Handed Over Civil work (%) : 12 Equipment received (%) : 60 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Stone column pile test is completed. Constraint if any :
33/11kV Bijari S/s	Completed in Mar'23
33/11kV Bolung S/s	Completed in Mar'23
33/11kV Etalin S/s	Land acquisition : Handed Over Civil work (%) : 15 Equipment received (%) : 60 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Constraint if any : Assessment done and waiting for Demand Note
33/11 kV Simari Augmentation S/s	Land acquisition : Handed Over Civil work (%) : 35 Equipment received (%) : 50 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: CRB Brick wall WIP, Cable trench indoor and outdoor WIP. Switchyard Foundation excavation completed. Tower foundation under progress.
33/11 kV Augmentation Roing S/s	Completed in Mar'23
33/11 kV Existing Simari S/s	Land acquisition : Handed Over Civil work (%) : 35 Equipment received (%) : 50 Equipment erected (%) : 0

	Anticipated date of completion : Mar'24 Remarks: CRB Brick wall WIP, Cable trench indoor and outdoor WIP.
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.
33/11kV Hawai S/s 2x5 MVA	Land acquisition : Land Handed over. Civil work (%) : 68 Equipment received (%) : 100 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Slab casting of CRB completed. CRB brick work u/p. Indoor cable trench u/p. Tower foundation site leveling, and PCC completed.
33/11kV Wallong S/s 2x5 MVA	Land acquisition : Land Handed over. Civil work (%) : 8 Equipment received (%) : 0 Equipment erected (%) : 0 Anticipated date of Completion : Mar'24 Remarks: Site leveling work in progress, Excavation of CRB u/p. BW u/p
Cap. addition at 33kV Tezu S/s	Land acquisition : NA Civil work (%) : 80 Equipment received (%) : 100 Equipment erected (%) : 80 Anticipated date of Completion : Mar' 24 Remarks: PTR foundation and Rail Fixing completed, VCB and CT foundation completed.
Cap. addition at 33kV Wakro S/s	Land acquisition : NA Civil work (%) : 5 Equipment received (%) : 100 Equipment erected (%) : 0 Anticipated date of completion : Mar' 24 Remarks: Soil Investigation report approved. Dismantling of PTR fnd WIP.
Cap. addition at 33kV Hayuliang S/s	Land acquisition : NA Civil work (%) : 20 Equipment received (%) : 100 Equipment erected (%) : 0 Anticipated date of completion : Mar'24 Remarks: Soil Investigation report approved, Excavation 04TI and 02PTR completed. PCC of 03 T1 Completed. PTR bar binding WIP
DMS Lines (DMS-05C): Total-09 lines	
LOA Line Length (km)	: 242
Survey Line Length	: 197
Pole Location (nos.)	: 3284

Pole completed (nos.)	:	982
Stringing completed (km)	:	10.5
Anticipated date of completion	:	Mar'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
	3 (TW-01, TW-02, TW-04)	Transmission Lines	3 packages: Awarded
	7 (SS-01, SS-03, SS-04, SS-06 to SS-09)	Sub-stations	7 packages: Awarded

Transmission Line:

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
132kV D/C Dikchu-Perbing line	Line Length (kms) : 25.48 Tower Location (nos) : 125 Foundation completed (nos) : 105 Tower Erected (nos) : 101 Stringing completed (kms) : 13.88 Anticipated date of completion : Sep'23 Constraint if any: Severe ROW issue at 2 nos loc. Forest Clearance: Part-II under process. 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 st 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 Transmission Line	Line completed in Mar'23
66kV S/C Perbing-Tadong Transmission Line	Line completed in Mar'23
66kV D/C Perbing-Pangthang Transmission Line	Line Length (kms) : 0.34 Tower Location (nos) : 3 Foundation completed (nos): 3 Tower Erected (nos) : 3 Stringing completed (kms) : 0.13 Anticipated date of completion : Sep'23 Constraint if any: Nil.
220kV D/C line Singhik-Chunghthang twin moose conductor (to be operated initially at 132kV)	Line Length (kms) : 29.53 Tower Location (nos) : 123 Foundation completed (nos) : 108 Tower Erected (nos) : 106 Stringing completed (kms) : 21.27 Anticipated date of completion : Dec'23 Constraints: Forest Clearance: Forest Dept. stage-I clearance under process at IRO, Kolkata 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) : 128 Tower Erected (nos) : 126 Stringing completed (kms) : 15.95 Anticipated date of completion : June'23 Constraint if any: RoW at 17 nos location. Remarks: Foundation, Tower erection and stringing works under progress
66kV S/C Singhik-Passingdong Transmission Line	Line completed in Dec'21
66kV S/C Singhik-Mangan (Extn.) Transmission Line	Line completed in Feb'22
66kV D/C Chunghthang-Lachen Transmission Line	Line completed in Nov'22
66kV D/C Chunghthang-LILO of Rabon-Malting line	Line completed in Jan'22
66kV LILO of Gayzing-New Namchi line to Rinchenpong	Completed in Mar'21
Termination of Sagbari-Geyzing 132kV S/C line at Legship pool so as to form Legship pool Geyzing 132kV S/C line	Completed in Aug'21
66kV S/C Rohthak-Sombaria TL	Completed in Mar'22
66kV S/C Geyzing-Rellichu TL	Line Length (kms) : 14.5 Tower Location (nos) : 96 Foundation completed (nos) : 75 Tower Erected (nos) : 38 Stringing completed (kms) : 0 Anticipated date of completion : Dec'23 Constraint if any: RoW clearance of 1 location awaited. Remarks: Tower foundation, erection under progress

LILO of 132kV S/C Rangit-Melli (Power Deptt., Sikkim) at Namchi	Line Length (kms) : 2.3 Tower Location (nos) : 15 Foundation completed (nos) : 13 Tower Erected (nos) : 5 Stringing completed (kms) : 0.38 Anticipated date of completion : July'23 Constraint if any: Tree cutting under progress.
66kV S/C Namchi-Old Namchi TL	Line Length (kms) : 3 Tower Location (nos) : 8 Foundation completed (nos) : 5 Tower Erected (nos) : 3 Stringing completed (kms) : 0 Anticipated date of completion : July'23 Constraint if any: Tree cutting under progress.
66kV S/C Namchi-New Namchi TL	Line Length (kms) : 3.36 Tower Location (nos) : 19 Foundation completed (nos) : 18 Tower Erected (nos) : 18 Stringing completed (kms) : 0 Anticipated date of completion : July'23 Constraint if any: Tree cutting under progress.
LILO of 132kV S/C existing Rangit-Melli terminated at Legship pool	Completed in Nov'21

Sub-Station

220/132/66kV Legship Pool (New) S/s	Land acquisition : Handed over. Civil work (%) : 76 Equipment received (%) : 90 Equipment erected (%) : 76 Anticipated date of completion : Sep'23 Constraint if any:
132/66/11kV Dikchu pool (new) S/s	Land acquisition : Handed over. Civil work (%) : 66 Equipment received (%) : 80 Equipment erected (%) : 54 Anticipated date of completion : June'23 Constraint if any:
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 st 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	Land acquisition : Handed over Civil work (%) : 43 Equipment received (%) : 85 Equipment erected (%) : 0

	Anticipated date of completion : Aug'23 Constraint if any: Nil.
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
132/66/11kV Chungthang (New) S/s	Land acquisition : Handed over. Civil work (%) : 29 Equipment received (%) : 55 Equipment erected (%) : 0 Anticipated date of completion : Dec'23 Constraint if any : Remarks: Retaining wall-60% comp., CRB work: Column lifting under progress till Ground Floor
132/66/11kV Singhik (new) S/s	Land acquisition : Handed over. Civil work (%) : 73 Equipment received (%) : 70 Equipment erected (%) : 46 Anticipated date of completion : Dec'23 Constraint if any : Remarks: Brick work under progress. Ground & 1st floor slab completed.
66/33kV Lachen (New) S/s	Land acquisition : Handed over. Civil work (%) : 19 Equipment received (%) : 45 Equipment erected (%) : 0 Anticipated date of completion : Dec'23 Constraint if any : Remarks: Retaining wall work under progress. CRB Ground floor slab casted.
66/11kV Passingdong (New) S/s	Land acquisition : Handed Over Civil work (%) : 38 Equipment received (%) : 70 Equipment erected (%) : 0 Anticipated date of completion : Dec'23 Constraint if any : Remarks: Boundary wall, retaining wall, tower foundation and control room building work under progress.
66/11kV Mangan (Extn): :	Completed in Mar'21
66/11kV Old Namchi (Extn):	Completed in Mar'21
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 (%) : 65 Equipment erected (%) : 65

	Anticipated date of completion : June'23 Remarks: GIS received at site.
132kV Rangpo (PG) S/s Extn.	: Completed in Mar'22
66/11kV Rinchenpong (New) S/s:.	Completed in Mar'22
66/11kV Sombaria (New) S/s	Land acquisition : Handed over. Civil work (%) : 42 Equipment received (%) : 70 Equipment erected (%) : 2 Anticipated date of completion : Dec'23 Constraint if any : Remarks: Equipment fdn & Tower fdn under progress. CRB work under progress.
66/11kV Rellichu (New) S/s	Land acquisition : Handed over. Civil work (%) : 14 Equipment received (%) : 70 Equipment erected (%) : 0 Anticipated date of completion : Dec'23 Constraint if any : Remarks: Site levelling and Boundary wall and retaining work under progress.
66/11kV Rohthak S/s Extn	Completed in Mar'22.
66/11kV Geyzig S/s Extn	Completed in Mar'22
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
132/66kV Namchi (New) S/s	Land acquisition : Handed over. Civil work (%) : 80 Equipment received (%) : 60 Equipment erected (%) : 39 Anticipated date of completion : Sep'23 Constraint if any : Remarks: Cable trench, tower and equipment foundation work is under progress.
66/11kV New Namchi S/s Extn	Completed in Mar'21
220kV New Melli Bay Ext	Completed in Jan'21

Fund position under Comprehensive Scheme in Arunachal Pradesh:

SN	Particulars	Amount (in Cr.)
1.	Amount received till Apr'23	Rs.5882.13
2.	Amount spent till 30 th Apr'23	Rs. 5377.35
3.	Amount available till 30 th Apr'23	Rs.504.78

Details Physical progress

Total Elements Sanctioned (No.)	Elements Completed till Apr'23
292 (Sikkim - 58, Arunachal - 234)	142 (Sikkim- 38 , Arunachal- 104)

3. 220kV Transmission System from Alusteng (Srinagar) to Leh (via Drass, Kargil, Khalsti and Leh Sub-station in Jammu & Kashmir (J&K))

Background

Govt. of India had approved the proposal for construction of a 220kV Transmission System for interconnection of Alusteng (Srinagar) with Leh (via Drass, Kargil and Khalsti 220/66 KV GIS substations) in January 2014. The Transmission project would provide grid connectivity and reliable power supply to the strategically important Ladakh region. Being an area of defence establishments and strategic importance, there is need to improve the reliability of power supply through inter-connection with the Northern Grid.

General Details

Date of Govt. approval	: Jan, 2014
Implementing Agency	: PGCIL,
Sanctioned Cost (Rs. crs)	: 1788.41 Crore
Completion schedule	: Sep, 2017(42 months)

Summary:

Particulars	State
	Jammu & Kashmir
Total no. of Transmission Projects (Line & S/S)	12
Transmission Projects Completed	12
Transmission Projects under construction	Nil

Scope of Transmission Project

Transmission lines

1. Alusteng (Srinagar) – Baltal 220kV S/C Line
2. Baltal – Drass 220kV S/C Line
3. Drass – Kargil 220kV S/C Line
4. Kargil – Khalsti 220kV S/C Line
5. Khalsti – Leh 220kV S/C Line
6. Underground cable near Sonmarg & Zozilla Pass
7. LILO of 66kV Leh – Nimmo line
8. LILO of 66kV Leh – Kharu line

Sub-station

1. 50MVA, 220/66kV Drass (GIS)
2. 2X50MVA, 220/66kV Kargil(GIS)
3. 50MVA, 220/66kV Khalsti (GIS)
4. 2X50MVA, 220/66kV Leh (GIS)

Status of progress of Transmission Project

Transmission lines

1. Alusteng (Srinagar) – Baltal 220kV S/C line

Awarded to M/s Transrail. Letter of Award (LOA) issued on Aug'2014

Length of line(km)	:	70
Tower Location(nos)	:	261
Scheduled date of completion:		Sept' 17

All though all works including OPGW completed on 12th Nov'18 but line however could not be charged due to non-completion of bay at Alusteng Sub-station of JKPDD. After completion of the bays by JKPDD, the line charged on 10th Jan'19.

2. Baltal – Drass 220kV S/C line

Awarded to M/s L&T, Letter of Award (LOA) issued on Dec, 2014

Length of line(km)	:	44.2
Scheduled date of completion:		Sept' 17

Line commissioned and Charged on 1st Nov'18.

3. Drass – Kargil 220kV S/C line

Awarded to M/s KPTL, Letter of Award (LOA) on Dec,2014

Line Length(kms)	:	60
Scheduled date of completion:		Sept' 17

Line commissioned and Charged on 26th Sept'18.

4. Kargil – Khalsti 220kV S/C line

Awarded to M/s TATA, Letter of Award (LOA) on Sep'2014

Line Length(kms)	:	96.65
Scheduled date of completion:		Sept' 17

Line commissioned and Charged on 26th Sept'18.

5. Khalsti – Leh 220kV S/C line

Awarded to M/s KEC, Letter of Award (LOA) on Sep'2014

Line Length(kms) : 61.5
Scheduled date of completion: Sept' 17

Line commissioned and charged on 31st Oct'17

6. Underground cable near Sonmarg & Zozilla Pass

6.1 Kms. cable laying : Total work completed.

7. LILO of 66kV Leh – Nimmo line at Leh

Awarded to M/s KEC, Letter of Award (LOA) on Sep'2014

Line Length (kms) : 2.21
Scheduled date of completion: Sept' 17

Line commissioned and charged on 31st Oct'17

8. LILO of 66kV Leh – Kharu line at Leh

Awarded to M/s KEC, Letter of Award (LOA) on Sep'2014

Line Length (kms) : 16.1
Scheduled date of completion: Sept' 17

Line commissioned and Charged on 26th Sept'18.

Sub-station

1. 50MVA, 220/66kV GIS at Drass :

Scheduled date of completion: Sep'17
Charged on 26th Sept'18.

2. 2X50MVA, 220/66kV GIS at Kargil

Scheduled date of completion: Sep'17
S/S commissioned and charged on 26th Sept'18.

3. 50MVA, 220/66 kV GIS at Khalsti

Scheduled date of completion: Oct'17
Sub-station test charged on 1st Nov'17.

4. 2X50MVA, 220/66 kV GIS at Leh

Scheduled date of completion: Oct'17
Sub-station test charged on 31st Oct'17.

Financial Status

Sl. No.	Particulars	Amount (in crs)
1	Total Estimated cost of the Project	Rs. 1788.41 [95% GOI Share (Rs. 1699 Cr.) & (5% Govt. of J&K share (Rs. 89.41 Crs)]
2	Amount received till 31.01.2019	Rs. 1788.42 Cr. (Rs 1699 from Govt. of India & Rs. 89.42 Cr. from J&K Govt.)
3	Amount spent till 31.03.2019	Rs 1731.08 Cr.
4	Amount available as 31.03.2019	Rs. 57.34 Cr.

Last 6 Years' expenditure data (In Rs. Cr.) in respect of Srinagar Leh Transmission System (SLTS)						
2014-15	2015-16	2016-17	2017-18	2018-19	2019-20	Total
49	226	648.08	492	316	122.81	1853.90

Critical Issue:

Project has been completed in Jan, 2019. However, JKPDD is yet to take over the assets.

4. Prime Minister Development Package-2015

A. Transmission Package (132kV & above)

1.0 Background

In order to cater to a projected peak demand of 3095MW 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 220kV and 132 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
RCE Cost (Rs. crs)	:	2064.97 Crs
RCE	:	Approved on 19.07.2021
Revised Completion schedule	:	December 2021(For awarded projects) & October 2023 for Ladak projects)
Initial Sanctioned Cost (Rs. crs)	:	Rs. 1189.59 Crs

Mechanism for release of grant:

- I. Release of 10% of eligible Grant Component (1st tranche) on Appointment of Project Management Agency (PMA) by the utility.
- II. Release of 20% of eligible Grant Component (2nd tranche) on achievement of following.
 - a) Placement of Award
 - b) Updating of web portal regarding award details
 - c) In case the award cost is lower vis-à-vis the approved project cost 2nd tranche shall be suitably adjusted
- III. Release of 60% of eligible Grant Component (3rd tranche) on submission of following:
 - a) Certificate from utility regarding utilization of 90% of grant released under 1st and 2nd tranche.
 - b) Receipt of 100% of utility contribution (10% of approved project cost)
 - c) Financial sanction of lenders (Fix/Banks) for 10% of approved project cost in case utility needs to avail loan for the project and /or commitment to bring its own fund.
 - d) Recommendation of PMA supported by a report on expenditure progress and constraints if any for timely completion of project.
- IV. Release of 10% of ELIGIBLE Grant component (final tranche) on submission of following:
 - a) Projects Completion Certificate duly recommended by the Head of Utility in the stipulated format.
 - b) PMA report regarding Project Completion and expenditure incurred along with recommendation in accordance with the guidelines.

Completion schedule: Projects completion period shall be 30 months from date of sanction. Expenditure incurred after the sanction letter date shall only be eligible for Grant utilization.

The progress of the works would be monitored by PGCIL for the transmission work.

1.2 Summary of 220 kV/132kV Transmission works

Project Implementation Agencies (PIAs)

- 22 projects will be executed by JKPDD for an amount of Rs. 267.92 crore.
- 6 projects will be executed by PGCIL for an amount of Rs. 426.13 crore.
- 4 projects will be executed by RECTPCL for an amount of Rs. 495.54 crore.

Region/District	Transmission Lines	Substations	Augmentation	Bays
Jammu	7	5	5	-
Kashmir	8	4	5	-
Kargil	1	1	-	1
Leh	1	1	-	1
Total	17	11	10	2

B. PMDP-2015 scope of work:

1. Transmission Lines:

S. No.	Transmission Line	Ckt Type	Voltage	Length (Ckm)	Region
1	LILO of Canal - Miran Sahib at Chatha	D/C	132	16	Jammu
2	Hiranagar - Kathua line (Reconductoring)	D/C	132	152	Jammu
3	LILO of Hiranagar - Bishnah at Jatwal Grid station	D/C	220	12	Jammu
4	Samba (JKPDD) – Jatwal (PGCIL)	D/C	220	22	Jammu
5	LILO of Hiranagar - Gladni at Chowadhi	S/C	220	16	Jammu
6	LILO of Thein - Hiranagar at Kathua-II (Ghatti)	D/C	220	12	Jammu
7	LILO of Barn - Kishanpur at Nagrota	S/C	220	10	Jammu
8	Extension of Mirbazar - Alusteng line upto New Wanpoh	D/C	220	12	Kashmir
9	LILO of Budgam - Bemina at Tengpora (Power Cable)	D/C	132	8	Kashmir
10	LILO of one ckt. Alusteng - New Wanpoh at Tailbal	D/C	220	7	Kashmir
11	LILO of Wagoora - Mirbazar line at Lassipora	D/C	220	12	Kashmir
12	LILO of Zainkote - Delina at Kunzar (Sterlite S/S)	D/C	220	20	Kashmir
13	New Wanpoh - Mir Bazar line	D/C	220	10	Kashmir
14	Replacement of Conductor in Pampore–Cheshmashahi	D/C	132	28	Kashmir
	Waganpora - Khanyar (Cable)	D/C	132	10	Kashmir
16	Kargil - Padum (Zanaskar) line	S/C	220	207	Kargil
17	Phyang (PGCIL) - Diskit (Nubrai) line	S/C	220	100	Leh

2. Sub-Stations:

S. No.	Substation Name/ Element Name	Voltage Ratio	MVA	Region
1	Chatha Grid S/S	132/33	100	Jammu
2	Janipur (Aug) S/S	132/66/33	50	Jammu
3	Kathua (Aug) (50-20) S/S	132/66/33	30	Jammu
4	Miran Sahib (Aug) (50-20)	132/66/33	30	Jammu
5	Pounichak (Aug) S/S	132/66/33	50	Jammu
6	Sidhra (Aug) (2x50-2x20)	132/66/33	60	Jammu
7	Chowadhi S/S	220/33	160	Jammu
8	Kathua-II (Ghatti) S/S	220/66	160	Jammu
9	Samba S/S	220/66	160	Jammu

10	Nagrota S/S	220/33	2x50	Jammu
11	Bemina (Aug(200-150)	132/33	50	Kashmir
12	Chadoora (Aug) (100-50)	132/33	50	Kashmir
13	Cheshmashahi (Aug) (140-105)	132/33	35	Kashmir
14	Khrew (Aug) (150-100)	132/33	50	Kashmir
15	Tengpora (GIS)	132/33	150	Kashmir
16	Zainakote (Aug) (125-75)	132/33	50	Kashmir
17	BatporaTailbal (GIS)	220/33	160	Kashmir
18	Khanyar (GIS)	132/33	100	Kashmir
19	Lassipora (GIS)	220/33	160	Kashmir
20	Bay at Kargil	220/66	0	Kargil
21	Padum S/S	220/33	1x50	Kargil
22	Bay at Phyang	220/33	0	Leh
23	Diskit (Nubra)	220/33	1x50	Leh

C. Scope of work of PGCIL as Project Implementing Agency (PIA)

1. Transmission Lines:

S. No.	Transmission Line	Ckt Type	Voltage	Length (Ckm)	Project Management Agency (PMA)	Region
1	Samba (JKPDD) – Jatwal (PGCIL)	D/C	220	16	RECTPCL	Jammu
2	LILO of Hiranagar - Gladni at Chowadhi	S/C	220	16	RECTPCL	Jammu
3	LILO of Thein - Hiranagar at Kathua-II (Ghatti)	D/C	220	12	RECTPCL	Jammu
4	Waganpora - Khanyar (Cable)	D/C	132	10	RECTPCL	Kashmir

2. Substations:

S. No.	Substation Name/ Element Name	Voltage Ratio	MVA	Project Management Agency (PMA)	Region
1	Chowadhi S/S	220/33	160	RECTPCL	Jammu
2	Kathua-II (Ghatti) S/S	220/66	160	RECTPCL	Jammu
3	Samba S/S	220/66	160	RECTPCL	Jammu
4	BatporaTailbal (GIS)	220/33	160	RECTPCL	Kashmir
5	Khanyar (GIS)	132/33	100	RECTPCL	Kashmir

D. Scope of work of JKPDD as Project Implementing Agency (PIA)

1. Transmission Lines:

S. No.	Transmission Line	Ckt Type	Voltage	Length (Ckm)	Project Management Agency (PMA)	Region
1	LILo of Canal - Miran Sahib at Chatha	D/C	132	16	RECTPCL	Jammu
2	Hiranagar - Kathua line (Reconductoring)	D/C	132	152	RECTPCL	Jammu
3	LILo of Hiranagar - Bishnah at Jatwal Grid station	D/C	220	12	RECTPCL	Jammu
4	Extension of Mirbazar - Alusteng line upto New Wanpoh	D/C	220	12	RECTPCL	Kashmir

5	LILO of Budgam - Bemina at Tengpora (Power Cable)	D/C	132	8	RECTPCL	Kashmir
6	LILO of one ckt. Alusteng - New WanpohatTailbal	D/C	220	7	RECTPCL	Kashmir
7	LILO of Wagoora - Mirbazar line at Lassipora	D/C	220	12	RECTPCL	Kashmir
8	LILO of Zainkote - Delina at Kunzar (Sterlite S/S)	D/C	220	20	RECTPCL	Kashmir
9	New Wanpoh - Mir Bazar line	D/C	220	10	RECTPCL	Kashmir
10	Replacement of Conductor in Pampore - Cheshmashahi&Pampore – Khonmuh section	D/C	132	28	RECTPCL	Kashmir

2. Sub-Stations:

S. No.	Substation Name/ Element Name	Voltage Ratio	MVA	Project Management Agency (PMA)	Region
1	Chatha Grid S/S	132/33	100	RECTPCL	Jammu
2	Janipur (Aug) S/S	132/66/33	50	RECTPCL	Jammu
3	Kathua (Aug) (50-20) S/S	132/66/33	30	RECTPCL	Jammu
4	Miran Sahib (Aug) (50-20)	132/66/33	30	RECTPCL	Jammu
5	Pounichak (Aug) S/S	132/66/33	50	RECTPCL	Jammu
6	Sidhra (Aug) (2x50-2x20)	132/66/33	60	RECTPCL	Jammu
7	Bemina (Aug)(200-150)	132/33	50	RECTPCL	Kashmir
8	Chadoora (Aug) (100-50)	132/33	50	RECTPCL	Kashmir
9	Cheshmashahi (Aug) (140-105)	132/33	35	RECTPCL	Kashmir
10	Khrew (Aug) (150-100)	132/33	50	RECTPCL	Kashmir
11	Tengpora (GIS)	132/33	150	RECTPCL	Kashmir
12	Zainakote (Aug) (125-75)	132/33	50	RECTPCL	Kashmir

E. Scope of work of RECPTCL as Project Implementing Agency (PIA)

1. Transmission Lines:

S. No.	Transmission Line	Ckt Type	Voltage	Length (Ckm)	Project Management Agency (PMA)	Region
1	LILO of Barn - Kishanpur at Nagrota	S/C	220	10	PGCIL	Jammu
2	Drass - Padum (Zanaskar) line	S/C	220	207	PGCIL	Kargil
3	Phyang (PGCIL) - Diskit (Nubrai) line	S/C	220	100	PGCIL	Leh

2. Sub-Stations:

S. No.	Substation Name/ Element Name	Voltage Ratio	MVA	Project Management Agency (PMA)	Region
1	Nagrota S/S	220/33	2x50	PGCIL	Jammu
2	Bay at Drass	220/66	0	PGCIL	Kargil

3	Lassipora (GIS)	220/33	160	PGCIL	Kashmir
4	Padum S/S	220/33	1x50	PGCIL	Kargil
5	Bay at Phyang	220/33	0	PGCIL	Leh
6	Diskit (Nubra)	220/33	1x50	PGCIL	Leh

F. Status of progress of Transmission projects of PGCIL as Project Implementing Agency (PIA)

1. Transmission Lines:

(i) 220kV D/C SAMBA (JK PDD) – JATWAL (PGCIL) line associated with Samba S/s.

Remarks: Line commissioned on 14th July'21.

(ii) LILO of Hiranagar - Gladni at Chowadhi 220kV S/C line

Line length: 1.34 km with 8 towers. All works completed and line charged on 11th Jan'23.

(iii) LILO of Thein - Hiranagar at Kathua-II (Ghatti) 220kV D/C line

Date of Commissioning : 29th Nov'21

(iv) Wanganpora - Khanyar (Cable) 132kV D/C line -

Date of Completion : System commissioned on 24th Dec' 2021

2. Sub-Stations:

(i) Chowadhi S/S 220/33kV, 160MVA

Date of Commissioning : 11th Jan'23.

(ii) Kathua-II (Ghatti) S/S 220/66kV, 160MVA

Date of Commissioning : 6th July'2021

(iii) Samba S/S 220/66kV, 160MVA

Date of Commissioning : 14th July'2021

(iv) Haripora Harvan (BatporaTailbal) (GIS) 220/33kV, 160MVA

Land Acquisition (in %) : 100% land handed over in Aug'19. Layout revised in Jan'2020 by JKPTCL.

Civil Work Completed (in %) : 97 %

Equipment Received (in %) : 100 %

Equipment Erected (in %) : 78 %

Anticipated Date of Completion : July'23

Remarks/ Constraints:

- GIS material delivered at site on 15.12.22 in damaged condition.

- Some part (Transformer bay) shifted to NHVS Vizag Factory on 19th Feb'23. Spares expected for repair from China by end of May'23. Repairing of GIS shall be started from end May'23.
- **Commissioning Target- July'23**

(v) Khanyar (GIS) 132/33kV 100MVA

Date of Commissioning : 14th Feb'2022

Overall issues/constraints:

- PIA charges of Rs12.43 Cr is to be received from MOP.
(PIA charges of Rs 15.54 Cr for Intra-State transmission works has been released by MOP on 28.01.22 against claim of Rs 27.97 Cr).

Fund Status (PIA : PGCIL)

(Fig in Cr)

S N	Detail s	San ctio n Cost	Curre nt cost	Central Share		State Share			Total			Avail able
				Reque sted	Relea sed	Reque sted	Releas ed	Bal	Recei ved	Utilized	%	
1	Jammu & Kashmir	426.14	373.65	285.12	247.38	37.36	36.50	0.86	283.88	269.64	95 %	14.24

G. Status of progress of transmission projects of JKPDD as Project Implementing Agency (PIA)

(i) LILO of Hiranagar - Bishnah at Jatwal Grid station 220kV D/C line

Ckt-1(LILO-I): Charged on 11.05.2021.

Total Length : **2.003 CKm**

Tower Locations (nos.) : **11**

Ckt-2(LILO-II): LOA issued on 11.04.2022 amounting to Rs. 3.93Cr. Tower material reached at site .Out of 13, 13 no. foundations laid ,08 tower erected and 01 under progress.. LILO-II portion is expected completion by June 2023.

(ii) LILO of Canal - Miral Sahib at Chatha 132kV D/C line (Length-16ckm)

Total Length :1.2ckt km

Scheduled Date of Completion : Mar'2020

Anticipated Date of Completion : May' 23

Remarks/ Constraint if any : 02 No. foundations laid and Tower erected.However the work of Line for the Grid Station has been held up due to a petition filed by a private land owner in the Honorable High Court restraining the corporation from erecting/ installation of 33KV HT line Tower over and above the proprietary land. Matter being followed up with the Revenue Deaprtment LILO tapping 42% done.

(iii) Hiranagar - Kathua line (Reconductoring) 132kV D/C line

Total Length : 64.7ckm
Date of Completion : 21.12.2022

Remarks/ Constraint if any : work stands completed.

(iv) Extension of Mirbazar - Alusteng line upto New Wanpoh 220kV D/C line

Total Length : 12Ckm
Tower Locations (nos.) : 19 Nos
Foundations completed (nos.) : 18 Nos
Tower Erected (nos.) : 18
Stringing completed (ckm) : 9 Ckms.
Anticipated Date of Completion : Jun'23

Remarks/ Constraint if any : Court Stay at one Location resolved. The House coming under the corridor of T/L has been demolished & work on the pending location will start shortly.

(v) LILO of Budgam - Bemina at Tengpora (Power Cable) 132kV D/C line

Commissioned in Sep'22.

(vi) LILO of one ckt. Alusteng - New Wanpoh at Tailbal 220kV D/C line

Remarks/ Constraint if any : Completed in Jul'22.

(vii) LILO of Wagoora - Mirbazar line at Lassipora 220kV D/C line

Commisioned on 26-10-2021

(viii) LILO of Zainkote - Delina at Kunzar (Sterlite S/S) 220kV D/C line

Total Length : 20ckm
Scheduled Date of Completion : Mar'2019
Anticipated Date of Completion : Completed in Jan-20

(ix) New Wanpoh - Mir Bazar line 220kV D/C line

Remarks/ Constraint if any : Charged & Commissioned

(x) Replacement of Conductor in Pampore–Cheshmashahi &Pampore – Khonmuhof 132kV D/C line

Total Length : 28km
Scheduled Date of Completion : Dec'2020
Anticipated Date of Completion : July'2022

Remarks/ Constraint if any: Completed in Jul-22.

2. Sub-Stations:

- (i) **Chatha Grid S/S 132/33kV, 100MVA**
 Land Acquisition (in %) : Acquired
 Civil Work Completed (in %) : 97%
 Equipment Received (in %) : 98%
 Equipment Erected (in %) : 97%
 Scheduled Date of Completion : Mar'2020
 Anticipated Date of Completion : May' 23

Remarks/ Constraint if any: Transformer test charged on NO load on 03.04.2023.

- (ii) **Janipur (Aug) S/S 132/66/33kV, 50MVA**

Date of Completion : 10.11.2019

Remarks/ Constraint if any : 50MVA power transformer commissioned on 10.11.2019.

- (iii) **Kathua (Aug) (50-20) S/S 132/66/33kV, 30MVA**

Date of Completion : 27.06.2019

Power Transformer commissioned on 27.06.2019.

- (iv) **Miran Sahib (Aug) (90MVA-150MVA) 132/66/33kV, 30MVA**

Date of Completion : July 2018

Power Transformer commissioned on 07/18

- (v) **Pounichak (Aug) S/S 132/66/33kV, 50MVA**

Remarks/ Constraint if any : Power transformer commissioned on 13.11.2019.

Construction of PouniChak 1 No. of 132KV trf. bays and 02No. 33KV lines bays: Work completed.

- (vi) **Sidhra (Aug) (2x50-2x20) 132/66/33kV, 60MVA**

Date of Completion :

Sidhra-I : Commissioned on 25.01.2020

Sidhra-II : Commissioned on 11.04.2021

- (vii) **Bemina (Aug) (200-150) 132/33kV, 50MVA**

Scheduled Date of Completion: Mar' 2019

Anticipated Date of Completion : Sep'22

- (viii) **Chadoora (Aug) (100-50) 132/33kV, 50MVA**

Remarks/ Constraint if any : Commissioned in Oct 21.

- (ix) **Cheshmashahi (Aug) (140-105) 132/33kV, 1x35MVA**

Remarks/ Constraint if any: Transformer charged and in operation.

- (x) **Khrew (Khonmoh)(Aug) (150-100) 132/33kV, 50MVA**

Remarks/ Constraint if any : Commissioned in May'2020.

(xi) Tengpora (GIS) 132/33kV, 150MVA

Remarks/ Constraint if any :Completed in Jul-22

(xii) Zainakote (Aug) (125-75) 132/33kV, 50MVA

Commissioned in Sep-22.

Fund Status of PIA JKPD:

Fig are in Cr.

Jammu Region:

Scheme Cost	Expenditure (Upto Apr'23)
133.99	73.005 crores

Kashmir Region:

Scheme Cost	Expenditure (Upto Apr'23)
152.10	116.171

H. Status of progress of transmission projects of RECPTCL as Project Implementing Agency (PIA)

Transmission Lines:

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

Total Length	:	5.5 KM
Tower Locations (Nos.)	:	23
Foundations (Nos.)	:	To be started
Tower Erected (Nos.)	:	To be started
Stringing completed (ckm)	:	To be started after tower erection
Scheduled Date of Completion	:	Nov-2022
Anticipated Date of Completion	:	Sep-2023

Remarks/ Constraint if any:

- LoA had been issued on 06.11.2020, consequent to allotment of land by JKPTCL.
- Contour survey & establishment of site office completed.
- Vendor for civil raw material & testing agencies completed.
- Route Survey of LILO completed & SLD have been prepared.
- Proposal for Forest Clearance for the LILO Package has approved in the 10th Meeting of the Regional Empowered Committee (REC) on 29.11.2022.
- Structural drawings of expected Tower and their foundations to be used in the Transmission Line (LILO) have been provided to the agency.

- 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.
- Out of 23 tower locations, 16 are in Forest, 05 under private land and 02 under State Govt. Land.
- Forest Rights Act (FRA) certificate has been issued on 16.09.2022. In principle (Stage-I) approval have been issued by Regional Office MOEF (Jammu) to Commissioner Secretary, Jammu on dated 06-12-2022.
- Indian Army vide letter dated: 09.07.2022 advised JKPTCL to submit undertaking regarding permission to work near Army area with Forest Area. JKPTCL vide letter dated: 13.07.2022 submitted the required undertaking to Indian Army for obtaining NoC to work near Army area with Forest Area. Further, in response to Army letter dated: 27.09.2022 regarding shifting of towers (3 nos.), provisional revised locations along with undertaking has been submitted at local Army office-Nagrota on 28.09.2022.
- DC has issued Corrigendum under WODA Act on 15.12.2022 and the amendment was forwarded to SHQ, Nagrota by JKPTCL on 16.12.2022. NOC from SHQ, Nagrota is expected to be issued by 20.01.2023.
- 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.
- 9.278 MT stubs have reached site.

(ii) **Drass - Padum (Zanskar) 220kV S/C line on D/C tower**

Total Length	:	195.28 Km
Tower Locations (Nos.)	:	662
Foundations completed (Nos.)	:	Foundation at 116 locations has been completed
Tower Erection (Nos.)	:	19
Stringing completed (ckm)	:	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.
- Preliminary Survey completed.
- Various approval related to Tower, Soil investigation agencies, source of raw material has been provided.
- Manpower have been deployed by EPC Agencies.
- All Agencies have opened their offices at site and started working at site. Work for clearance of approach road has been started at site.
- Defence Geoinformatics Research Establishment (DGRE) has submitted its recommendations w.r.t. avalanche mitigation plan.
- Application for forest clearance has been submitted on Parivesh portal on 30.01.2022. Sec (Power-UT Ladakh) during meeting dated: 09.10.2022 has advised SDM Zanskar to issue the comments of Gram Sabha and PAC committee members.
- 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. 14866.816 MT material have been issued.
- Inspection of Finished tower material, nuts & bolts are being done regularly and as on date dispatch instruction for approx. 10283.09 MT has been issued.
- Inspections of ACSR Deer conductor has been completed and dispatch instruction for 74.564 Km have been issued.
- Finished tower part (approx. 5585.275 MT), Nut & Bolt including pack washers (approx. 411.407 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.
- Foundation work at 116 locations is completed
- 19 nos. towers have been erected.

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

Total Length	:	77.6 Km
Tower Locations (Nos.)	:	291
Foundations completed (Nos.)	:	Foundations at 11 locations are completed
Tower Erected (Nos.)	:	Nil
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.
- Preliminary Survey completed.
- Various approval related to Tower, Soil investigation agencies, source of raw material has been provided.

- Manpower deployment has been started by EPC Agencies
- All Agencies have opened their offices at site and started working at site.
- Defence Geoinformatics Research Establishment (DGRE) has submitted its recommendations w.r.t. avalanche mitigation plan.
- Application for forest & wildlife clearance has been submitted on Parivesh portal on 29.01.2022.
- Meeting of State Board for Wildlife has been held on 20.10.2022 in Leh and the proposal has been forwarded/recommended to National Board for Wildlife for approval on 02.11.2022.
- The NBWL returned the proposal to SBWL with a request to submit the management plan of the area lying under Transmission line. The SBWL submitted the same to NBWL. The NBWL meeting is expected to be scheduled in Mar' 2023. However, the date of the meeting will be decided by minister of MoEF&CC.
- 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. 1676.217 MT materials has been issued.
- Inspection of Finished tower material, nuts & bolts are being done regularly and as on date. dispatch instruction for approx. 1364.871 MT has been issued.
- 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. 81.555 MT), Nut & Bolt including pack washers (approx. 30.91 MT) have reached at site. Also, finished tower parts (1249.79 MT) have received the intermediate store at Jammu.

Sub-Stations:

(i) Nagrota S/S 220/33kV, 2x50MVA

Land Acquisition (in %)	:	Completed
Civil Work Completed (in %)	:	42%
Equipment Received (in %)	:	Nil
Equipment Erected (in %)	:	Nil
Scheduled Date of Completion	:	Nov-2022
Anticipated Date of Completion	:	Sep-2023

Remarks/ Constraint if any :

- LoA had been issued on 06.11.2020, consequent to allocation of land by JKPTCL.
- Contour survey & establishment of site office completed.
- Source for civil raw material & testing agencies have been identified
- General Arrangement of Substation Layout finalized.
- Cutting, filling & Site levelling work is under process and almost completed.
- Soil Test have been completed.
- Works for construction of Boundary wall is underway.
- GTP & Drawing of 220 kV & 33kV CT/PT/CVT, Isolators, 220kV SF6 Circuit Breaker have been approved. 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. 33kV VCB received at site.
- Foundation bolts for 220 and 33 kV Tower and Equipment's are received at site.
- Dispatch Instruction for approx. 238.961 MT Tower materials (Raw) has been issued.
- Architecture drawing & design of boundary wall, CRB, FFPH, AE quarter, JE Quarter, SBA quarter, Storeroom, Security Post has been approved.
- Design of 220 kV & part of 33 kV Gantry Tower foundations have been approved.
- Construction of Control Room Building: Indoor brick work. Lintel beam and Plaster in progress.
- Construction of Fire Fighting Pump House building almost completed.
- Work of tower foundation in 220 kV switchyard is under progress (22/23 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 started (27/27 raft & 26/27 column completed).
- Foundation work of 50 MVA Power Transformers is under progress (Rail alignment and fixing completed).
- Foundation work of 220 kV Circuit breaker (18/18) column completed, isolator (54/63) raft and (90/126) column in progress, CT (12/18) raft and (12/18) column in progress and CVT (12/12) raft and (09/12) column in progress & LA (06/12) raft and (03/12) column in progress.
- AE Quarter building Steel Fixing of Roof Beam and Slab in progress.
- Most of the design & engineering drawings have been approved.

(ii) Bay at Drass 220/66kV, 1x100MVA

Land Acquisition (in %)	: Completed
Civil Work Completed (in %)	: Nil
Equipment Received (in %)	: Nil
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.
- Various approvals related to Soil investigation agencies, source of raw material has been provided.
- EPC Agencies has deployed manpower

- All Agencies have opened their offices at site
- Source for civil raw material & testing agencies have been identified
- Approval of engineering design & drawings is under progress.

(iii) Padum S/S 220/33kV, 1x50MVA

Land Acquisition (in %)	: Completed
Civil Work Completed (in %)	: 35%
Equipment Received (in %)	: 7%
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.
- Various approvals related to Soil investigation agencies, source of raw material has been provided.
- EPC Agencies has deployed manpower
- All Agencies have opened their offices at site
- 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.
- All Civil drawings of Control Room Building, 220 kV GIS building, 33 kV GIS building and Architecture drawings, Security Hut, Store Room, Parking Shed, Road cross-sectional details have been approved.
- All Civil drawings of various residential buildings such as JE, AEE, XEN & SBA quarters 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 – 40% (1st floor Slab under progress) Completed, 33 kV GIS building- 60% Completed, 220 kV GIS building – 10% Completed, Power Transformer & Reactor foundation- 8/8 (70% Completed), Firewall – 25% Completed (out of 6 nos, 3 nos done upto plinth beam and 3 nos. done at bottom of plinth beam), Residential Qtrs Xen – 26%, JE Qtr- 25%, SBA Qtr-21% Completed.

(iv) Lassipora (GIS) 220/33kV, 160MVA

Land Acquisition (in %)	: 100%
Civil Work Completed (in %)	: 100%
Equipment Received (in %)	: 100 %
Equipment Erected (in %)	: 100 %
Scheduled Date of Completion	: Jul-2020
Anticipated Date of Completion	: Sub-station had been charged on 25.10.2021

(v) Bay at Phyang 220/33kV, 50MVA

Land Acquisition (in %) : Completed
Civil Work Completed (in %) : Nil
Equipment Received (in %) : Nil
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.
- Various approvals related to Soil investigation agencies, source of raw material has been provided.
- EPC Agencies has deployed manpower
- All Agencies have opened their offices at site
- Source for civil raw material & testing agencies have been identified.
- 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.

(vi) Diskit (Nubra) 220/33kV, 1x50MVA

Land Acquisition (in %) : Completed
Civil Work Completed (in %) : 41%
Equipment Received (in %) : 15%
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.
- Various approval related to Soil investigation agencies; source of raw material has been provided.
- EPC Agencies has deployed manpower
- All Agencies have opened their offices at site
- Source for civil raw material & testing agencies have been identified
- Soil testing points have been approved and soil testing has been completed.
- 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.
- All Civil drawings of various residential buildings such as JE, AEE, XEN & SBA quarters 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 – 50% (First floor Slab Casting under Progress), 33kV GIS Building – 80% (Finishing works under Progress), 220kV GIS Building – 24% (plinth under Progress), Power Transformer foundation – 3/4 (75% Completed), Firewall – 3/3 (50% Completed), 220kV Tower foundation – 2/2 (100%) Completed, Residential Qtrs for Xen – 51%, AE qtr – 50%, JE Qtr -50%, Boundary wall – 675/675 RM (95% Completed)
- Standard Field Quality Plan for Civil Works has been released to EPC agency.

Status of funds utilisation for the projects being implemented by RECPDCL (erstwhile RECTPCL) under PMDP-2015

(in Rs Crore)

S. No.	PROJECTS (PIA- RECPDCL)	Total Scheme Sanctioned cost*	Amount Received	Amount Spent	PIA Charges claimed by RECPDCL	Amount Remaining
		A	B	C	D	E=A-(B+C+D)
1	220/33 kV, 100 MVA Nagrota Substation along with LILO of Barn Kishenpur, Jammu	1343.88	354.72	3.48	37.28	21.32
2	220/33 kV, 160 MVA Lassipora GIS Substation, Kashmir			64.23		
3	• Construction of 50 MVA, 220/33 kV Diskit Substation and Bay Extension work at existing Substation at Leh (Phyang) • Construction of 50 MVA, 220/33 kV Padum Substation and Bay Extension work at existing Substation at Drass & 25 MVAR reactor at Padum • 220 kV S/C Phyang (PGCIL) to Diskit Transmission Line on D/C Tower • 220 kV S/C Drass to Padum (PGCIL) to Diskit Transmission Line on D/C Tower			228.41		
		1343.88	354.72	296.12	37.28	21.32

***Only project cost considered excluding PMA/PIA Charges**

5. 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 (Apr'23) Rs. in lakhs)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)
	<u>JAMMU REGION</u>										
(A)	TRANSMISSION LINES										
	220kV Transmission Lines										

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. Executing Agency: PDD, J&K
2	LILO of Kishenpur-Pampore D/c line at Ramban (2 Kms.) 6 towers	2004	140.80	2009-10	-	N	N	140.792	0.0	140.792	Commissioned. Executing Agency: PDD, J&K
3	Stringing of conductor on 2 nd ckt Thein-HiraNagar Line (40.4 Kms.)	2004	528.20 Proposed revised cost= 670.30	2008-09	-	Y	Y	656.89	0.00	656.89	completed Executing Agency: PDD, J&K
4	Miran Sahib-Bishnah D/c line (9.73 Kms.) 29 towers	2004	567.9	2009-10	2010-11	N	Y	431.18	0.0	431.18	Line commissioned on 25.03.11. Executing Agency: 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	3495.03	0	3495.03	Line commissioned. Executing Agency: M/s KEC
6	Barn-Bishnah D/c line (118 towers)										Package is awarded to RS Infraprojects and Trans Global on 28.02.2023. Expected completion: Feb'25 (2 years from award). Executing Agency: M/s KEC

132kV Transmission Lines											
7	LILO of Gladni-Hiranagar D/c line at Bari-Brahmana-II (2.7 Kms.) 11 towers	2004	159.20	2007-08	-	N	N	133.471	0.0	133.471	Line has been commissioned in December, 2007. Executing Agency: PDD, J&K
8	Rajouri-Draba (Poonch) D/c line 35.12Kms. (original-35.00 Kms.) 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 nd ckt on 7.2.2009. Executing Agency: 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. Executing Agency: PDD, J&K
10	Stringing of 2 nd circuit of Barn-Reasi Trans.Line (21.00 Kms)										Abandoned as the line is not available. Executing Agency: PDD, J&K
11	LILO of Gladni-MiranSahib line at Gangyal (1.0 Kms.) 2 towers	2004	39.5	2008-09	-	N	N	17.96	0.0	17.96	Completed. Executing Agency: 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. Executing Agency: 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 Kms.) 74 towers	2004	1007.7	2009-10	2011-12	N	Y	924.35		0.0	924.35	Completed Executing Agency: 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 2. Akhnoor-Kalakot section commissioned on 17.11.2011 Executing Agency: M/s KEC
16	Siot-Kalakote 132 kV D/c line											
17	LILO of 132 kV D/c Barn-Siot line for Akhnoor Grid											
18	LILO of Ring Main at Pounichak (2.58 Kms.)	2004	121.3	2008-09	2011-12	N	Y	121.29		0.0	121.29	Commissioned on 15.12.2011.

	7 towers.										Executing Agency: PDD, J&K
19	LILO of CSTL-I D/c line at Ramban (3.50 Kms.) 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. Executing Agency: 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	4139.44	0.0	4139.44	Line is under arbitration. Ramban to Khellani may be completed by end of Nov’ 2023 by PGCIL Executing Agency: M/s KEC
21	Khilani – Kishtwar 132 kV D/c line										
22	Thathri - Bhalessa S/c line (24.0 kms.) 69 towers	2004	842.6 Proposed revised cost= 1617.00	2009-10	2014-15	Y	Y	1016.85	0.0	1016.85	Line is under arbitration. 65/69 No. of towers foundations 43/69 No. tower erected Strining 0/24 Kms MOU signed between POWERGRID and JKPTCL on 15.03.22. Executing Agency: M/s KEC

23	Re-conductoring of 132 kV CSTL-Udhampur to Thathar (Banihal) (80.00 Kms.)	2004	1273.6	2008-09	2014-15	Y	Y	1273.59		0.0	1273.59	Completed. Executing Agency: PDD, J&K
24	Hira Nagar-Battal Manwal D/c line (38.563 Kms.) 109 towers.	2004	1650.10 Proposed revised cost= 2022.13	2009-10	2014-15	Y	Y	1562.90			1562.90	completed Executing Agency: 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. Executing Agency: PDD, J&K
26	Bishnah [2x160 MVA, 220/132 kV and 2x50 MVA, 132/33 kV]	2004	6925.31 (Including 132/33kV system)	2009-10	2011-12 (220kV) 2012-13 (132/33 kV)	N	Y	6133.57		0.0	6133.57	Commissioned Executing Agency: 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	2009-10	2011-12	Y	Y	4589.12		0.0	4589.12	Commissioned Executing Agency: M/s KEC

			cost= 5436.55									
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. Executing Agency: 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. Executing Agency: 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. Executing Agency: 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 escalatio n)	Completed. Executing Agency: 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. Executing Agency: PDD, J&K
33	Gangyal [1x50 MVA 132/33 kV]	2004	1785.3	2008-09		N	Y	1514.7		0.0	1514.7	Completed. Executing Agency: 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. Executing Agency: 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. Executing Agency: 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. Executing Agency: 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. ExecutingAgency: 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. Executing Agency: M/s KEC
39	Siot [1x50 MVA, 132/33 kV]	2004	2007.9	2009-10	-	N	N	2007.90	0.0	2007.90	Completed Executing Agency: Damodar Technologies Pvt Ltd.
40	Battal Manwal [1x50 MVA, 132/33 kV]	2004	1774.70	2009-10	2013-14	Y	Y	1603.90	90.77	1694.669 08	Completed. Executing Agency: M/s SPIC-SMO & A2Z
41	Construction of 132 kV line bays 10 Nos. (2 each at grid station Akhnoor, Miran Sahib, Draba, Khellani and Hiranagar)	2004	1165.5	2007-08	2013-14	N	Y	1164.79	0.0	1164.79	Completed Executing Agency: PDD
42	Communication/ PLCC converted into OPG		2102.60 (Proposed Revised cost – 2380.03)					900.00	277.43	1177.43	Project Cost is Rs. 88.3 Cr involving 76 Nos of links. The work was under hold since 2017 due to non-

43	Communication/ PLCC converted into OPG											release of funds by JKPTCL. Executing Agency: PGCIL
	TOTAL		Original cost=61136 .50 Revised cost=66494 .10					56300.94			62361.29	

	KASHMIR REGION												
(A)	TRANSMISSION LINES												
Sl. No .	Name of Scheme / Project	Date of Sanc tion	Sanctioned Amount (Scheme Cost) (Rs. in lakhs)	Original date of Comple tion	Revised Date of Comple tion	Cost Over- Run	Time Over -Run	Financial Status			Physical Progress and Agency Executing		
								Cum-expenditure as on March, 2023 (Rs. in lakhs)	Expend -iture during current financia l year (Rs. in lakhs)	Cum- expenditu re Till date (Apr'23 (Rs. in lakhs)			
	220kV Transmission Lines												

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 Executing Agency: PDD, J&K (Foundation) Executing Agency: 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 and expected to be completed by June 2023. Executing Agency: PDD, J&K (Foundation) Executing Agency: Gammon India Ltd. (Erection of towers and conductoring)
3	Const. of 220 kV D/c Zainakote - Wagoora line	2005	2136.00	2008-09	-	Y	Y	2537.27		5.67	2542.94	(Total towers 122, 60.6 Ckms), 109 tower foundations done, 86

4	220 kV D/c Wagoora – Shariefabad – Budgam line		Revised cost=3449. 88								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. Expected to be commissioned by Aug' 2023. Executing Agency: PDD, J&K (Foundation) Executing Agency: M/s Mirador Comm Pvt. Ltd. (Erection of towers and conductoring)
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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	Zainakote-Alusteng: Commissioned on 14-02-2020 Alusteng-Mirbazar: Out of 291 tower locations, 270 foundations laid, 210 towers erected and 70 Ckm stringing completed. Work under progress. Executing Agency: PDD, J&K (Foundation) Executing Agency: M/s ECI,Hyderabad (Erection of towers and conductoring)
	132 kV Transmission Lines											
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 Executing Agency: 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 Executing Agency: 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. Executing Agency: 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. Executing Agency: 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. Executing Agency: 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. Executing Agency: 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. Executing Agency: 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. Executing Agency: M/s Jyoti Structure
14	Const.of 132 kV Badampora-Bandipora 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 Executing Agency: M/s Mirador Comm Pvt. Ltd. (JV with A2Z)
(B)	SUBSTATIONS										
	220/132kV Substations										
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. Executing Agency: 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 Executing Agency: 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 Executing Agency: 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 Executing Agency: M/s JYOTI ST.

19	Alusteng [2x160MVA, 220/132 kV + 2x50,132/33kV]	2007	8648.0 Revised cost=10983 .03	2009-10	2015-16 (132/33 kV level)	Y	Y	10180.35	0.00	10180.35	Commissioned Executing Agency: 132 kV portion: M/s JK Engineers
	132/33 kV Substations										
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. Executing Agency: 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. Executing Agency: 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. Executing Agency: 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. Executing Agency: 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.

											Executing Agency: PDD, J&K
25	Const. of 50MVA, 132/33 KV Grid station Sagam-Lissar	2007	1752.00 Revised cost= 1867.72	2009-10	-	Y	Y	1534.91	0.18	1535.09	Commissioned Executing Agency: 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 Executing Agency: 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. Executing Agency: 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 Executing Agency: M/s GET
29	Communication/ PLCC converted into OPGW		3020.00 (Proposed Revised cost – 4461.84)					1043.00	1441.84	2484.84	Executing Agency: PGCIL Same as Jammu OPGW project
30	Communication/ PLCC converted into OPGW										
	TOTAL		73958.00 Revised cost= 88055.99					74072.35	1575.6	75650.29	

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)**