



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

Monthly progress Report of Central Funded Schemes (Mar'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**

Contents

Sl. No.	Transmission Project	Executing agency	Page No.
1.	North-Eastern Region Power System Improvement Project for Assam, Manipur, Meghalaya, Mizoram, Nagaland and Tripura (NERPSIP)	PGCIL	3
2.	Comprehensive Scheme of Transmission & Distribution System in Arunachal Pradesh & Sikkim	PGCIL	60
3.	220kV Transmission System from Alusteng (Srinagar) to Leh (via Drass, Kargil, Khalsti and Leh Sub-station in Jammu & Kashmir (J&K)	PGCIL	101
4.	Prime Minister Development Package-2015	RECTPCL, JKPDD, PGCIL	105
5.	PRIME MINISTER'S RECONSTRUCTION PLAN- 2004	JKPDD	122

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

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 reawarded 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

Details of Packages:

ASSAM:

1. ASSAM SS – 01:

- i. 132/33 kV Silapathar S/S
- ii. 132/33 kV Tezpur S/S
- iii. Extension of 132/33 kV Dhemaji S/S
- iv. Extension of 132/33 kV Existing Sonabil S/S
- v. Augmentation of 220 kV Samaguri S/S

2. ASSAM SS – 02 :

- vi. 220/132 kV Behating S/S
- vii. 132/33 kV Chapakhowa S/S
- viii. 132/33 kV Sarupathar S/S
- ix. 132/33kV Teok S/S
- x. 220kV Tinsukia S/S Extn
- xi. 132/33kV Rupai S/S Extn

3. ASSAM SS – 03 :

- xii. 132/33 kV Tangla S/S
- xiii. 132/33 kV Hazo S/S
- xiv. 132/33 kV Kahilipara S/S Extn
- xv. 132/33 kV Dhaligaon S/S Augmentation
- xvi. 220/132 kV Rangia S/S Extn

4. ASSAM SS – 04 :

- xvii. 132/33kV GIS at Paltanbazar
- xviii. 132/33kV GIS at GMCH
- xix. 220/132/33kV GIS at Amingaon
- xx. Extn of 132 kV Kamakhya SS
- xxi. 132 kV S/C Underground Cable Kamakhya – Paltan Bazar (6 kms.)
- xxii. 220kV Underground cable from Amingaon to Rangia (2 Kms.)
- xxiii. 132kV Underground cable from GMCH to Kahilipara (6.4 Kms.)

5. ASSAM DMS– 01 :

- i. 33/11kV Silapathar-II (New)s/s-2X5 MVA
- ii. 33/11kV Hathimurah-2 (New)s/s-2X5 MVA
- iii. 33/11kV Mailo(New)s/s-2X5 MVA
- iv. 33/11kV LGM hospital (New) s/s - 2X10 MVA
- v. Bay addition at Parowa existing SS -1no.
- vi. Bay addition at Dolabari Existing s/s -1 no.
- vii. Bay addition at Samguri Existing 132/kv S/s -1no
- viii. Bay addition at Existing Shakardeo Nagar 220/132/33 SS-1no.
- ix. 33kV bay addition at existing Silapathar s/s-1no.
- x. 33kV line from 132/33kV Tezpur (New) s/s to 33/11kV LGM hospital (New)s/s -7 KM.
- xi. 33kV line from 132/33kV Tezpur (New) s/s to Parowa Existing s/s-7KM
- xii. 33kV line from 132/33kV Tezpur (New) s/s to Dolabari Existing s/s-5 KM.
- xiii. 33kV line from 132/33kV Silapathar (New) s/s to Silapathar-II (New) S/s-35km
- xiv. 33kV line from 132/33kV Silapathar (New) s/s to existing Silapathar- 5km
- xv. 33kV line from 132/33kV Existing Samaguri s/s to 33/11kV Hathimurah-2 (New)s/s-30KM
- xvi. 33kV line from Existing Shakardev Nagar 220/132/33 SS to 33/11kV Mailo (New)s/s -30 KM

6. ASSAM DMS– 02 :

- xvii. 33/11kV Romai (New)s/s-2X10 MVA
- xviii. 33/11kV Bogibil (New)s/s-2X5 MVA
- xix. 33/11kV Dibrugarh (New)s/s-2X10 MVA

Bay addition each at following Existing 33/11kV S/s

- xx. Bay addition at Dibrugarh Existing 132/33kv S/s -1nos
- xxi. Bay addition at Behiating Existing 132/33kv S/s -1nos
- xxii. Chapakhowa Existing 33/11kV S/s-1nos.
- xxiii. Barapathar Existing 33/11kV S/s-1no.
- xxiv. Sarupathar Existing 33/11kV S/s-1no.
- xxv. Sariajhan Existing 33/11kV S/s-1no.
- xxvi. Teok Existing 33/11kV S/s-1no.
- xxvii. Kakojaan Existing 33/11kV S/s-1no.
- xxviii. Zangi Existing 33/11kV S/s-1no.
- xxix. Amguri Existing 33/11kV S/s-1no.
- xxx. 33kV line from 132/33kV Existing Dibrugarh s/s to 33/11kV Romai (New)s/s -17 KM
- xxxi. 33kV line from 220/132kV Behiating (New) s/s to 33/11kV Bogibil (New)s/s -10 KM
- xxxii. 33kV line from 220/132kV Behiating (New) s/s to 33/11kV Dibrugarh (New)s/s -15 KM

- xxxiii. 33kV line from 132/33 kV Chapakhowa (New) s/s to 33/11kV Chapakhowa existing s/s -10 KM.
- xxxiv. 33kV line from 132/33kV Sarupathar (New) s/s to Barupathar Existing 33/11kV S/s-12KM.
- xxxv. 33kV line from 132/33kV Sarupathar (New) s/s to Sarupathar Existing 33/11kV S/s-5KM.
- xxxvi. 33kV line from 132/33kV Sarupathar (New) s/s to Sariajhan Existing 33/11kV S/s-20KM.
- xxxvii. 33kV line from 132/33kV Teok (New) s/s to Teok Existing 33/11kV S/s-5KM.
- xxxviii. 33kV line from 132/33kV Teok (New) s/s to Kakojaan Existing 33/11kV S/s-15KM.
- xxxix. 33kV line from 132/33kV Teok (New) s/s to Zangi Existing 33/11kV S/s-15KM.
- xl. 33kV line from 132/33kV Teok (New) s/s to Amguri Existing 33/11kV S/s-22KM.

7. ASSAM DMS– 03:

- i. 33/11kV Harsingha (New)s/s-2X5 MVA
- ii. 33/11kV Sesa (New)s/s-2X5 MVA
- iii. 33/11kV Ramdiya (New)s/s-2X5 MVA
- iv. 33/11kV Domdoma-Hazo (New)s/s-2X5 MVA
- v. 33/11kV Chabipool - (New) s/s-2X10 MVA2.

Bay addition at following Existing 33/11kV S/s.

- vi. Paneri Existing 33/11kV S/s-1nos.
- vii. Kalaigaon Existing 33/11kV S/s -1nos.
- viii. Khairabari Existing 33/11kV S/s-1nos.
- ix. Tangla Existing 33/11kV S/s-1nos.
- x. Bay addition at 33/11kV Mukalmuwa existing s/s -1nos.
- xi. Bay addition at Existing paltan bazaar S/s-2 nos.
- xii. Bay addition at Existing judges field S/s-1nos.
- xiii. Bay addition at Existing Jail (Fency bazaar) S/s-1nos.
- xiv. 33kV line from 132/33kV Tangla (New) s/s to harsingha (New)s/s -12 km
- xv. 33kV line from 132/33kV Tangla (New) s/s to Paneri Existing 33/11kV S/s -20 km
- xvi. 33kV line from 132/33kV Tangla (New) s/s to Existing Kalaigaon 33/11kV S/s -20 km
- xvii. 33kV line from 132/33kV Tangla (New) s/s to Existing Khairabari 33/11kV S/s -10 km
- xviii. 33kV line from 132/33kV Tangla (New) s/s to Existing Tangla 33/11kV S/s -10 km
- xix. 33kV line from 132/33 kV Hazo (New) s/s to 33/11kV Sesa (New)s/s -15 KM
- xx. 33kV line from 132/33 kV Hazo (New) s/s to 33/11kV Ramdiya (New)s/s -12 KM
- xxi. 33kV line from 132/33 kV Hazo (New) s/s to 33/11kV domdoma-hazo (New)s/s -10 KM
- xxii. 33kV line from 132/33 kV Hazo (New) s/s to 33/11kV Mukalmuwa existing s/s -25 KM

8. ASSAM DMS– 04:

- i. 33/11kV GS Road -(New) GIS s/s-2X10 MVA
- ii. 33/11kV GMC-2 -(New) GIS s/s-2X10 MVA
- iii. 33/11kV Tarun Nagar -(New) GIS s/s-2X10 MVA
- iv. 33/11kV - Arya College (New) GIS s/s-2X10 MVA

- v. Bay addition at Existing GMC S/s-1nos.
- vi. Bay addition at Existing Ullobari S/s-2nos.
- vii. 33kv U/G cabling from 132/33kV Guwahati M.C. (New) s/s to GS Road -(New) GIS s/s-14KM
- viii. 33kv U/G cabling from 132/33kV Guwahati M.C. (New) s/s to GMC-2-(New) GIS s/s-10KM
- ix. 33kv U/G cabling from 132/33kV Paltanbazar s/s to Tarun Nagar -(New) GIS s/s-10KM
- x. 33kv U/G cabling from 132/33kV Guwahati M.C. (New) s/s to Arya College -(New) GIS s/s-12KM
- xi. 33kv U/G cabling from 132/33kV Guwahati M.C. (New) s/s to GMC Existing s/s-5KM
- xii. 33kv U/G cabling-(double circuit) from 132/33kV Guwahati M.C. (New) s/s to Ullobari Existing s/s-10KM
- xiii. 33kv U/G cabling from 132/33kV Guwahati M.C. (New) s/s to Chabipool -(New) s/s -4 KM
- xiv. 33kv U/G cabling-(double circuit) from 132/33kV Paltanbazar (New) s/s to Existing paltan bazaar s/s-2 KM
- xv. 33kv U/G cabling from 132/33kV Paltanbazar (New) s/s to Judes field Existing s/s-5 KM
- xvi. 33kv U/G cabling from 132/33kV Paltanbazar (New) s/s to Jail(Fency bazaar) Existing s/s-4 KM

9. ASSAM TR– 01:

- i. 2 x 160MVA, 220/132kV 3-Ph Auto Transformer at Amingaon (New) GIS s/s
- ii. 2 x160MVA, 220/132kV 3-Ph Auto Transformer at Samaguri s/s (Augm)
- iii. 2 x 100MVA, 220/132kV 3-Ph Auto Transformer at Behiating (New) s/s
- iv. 2 x50MVA, 132/33kV 3-Ph Power Transformer at Dhaligaon s/s (Augm)
- v. 2x50MVA, 132/33kV 3-Ph Power Transformer at Guwahti Medical College (GMC) (New) GIS
- vi. 2 x50MVA, 132/33kV 3-Ph Power Transformer at Paltanbazar (New) GIS
- vii. 2 x 50MVA, 132/33kV 3-Ph Power Transformer at New Tejpur (New) s/s
- viii. 1 x50MVA, 132/33kV 3-Ph Power Transformer at Samaguri s/s (Augm)
- ix. 2 x31.5MVA, 132/33kV 3-Ph Power Transformer at Hazo (New) s/s
- x. 2 x31.5MVA, 132/33kV 3-Ph Power Transformer at Tangla (New) s/s
- xi. 2 x31.5MVA, 132/33kV 3-Ph Power Transformer at Silapathar (New) s/s
- xii. 2 x31.5MVA, 132/33kV 3-Ph Power Transformer at Teok (New) s/s
- xiii. 2 x31.5MVA, 132/33kV 3-Ph Power Transformer at Sarupathar (New) s/s
- xiv. 4 x8.33MVA, 132/33kV 1-Ph Power Transformer at Chapakhowa (New) s/s

10. ASSAM TW-02:

Tinsukia – Behiating (new Dibrugarh) 220 kV D/C line

11. ASSAM TW-04:

Dhemaji – Silapathar 132 kV S/c on D/c line

12. ASSAM TW-05:

- i. Rupai – Chapakhowa 132 kV S/c on D/c line

13. ASSAM TW-07:

- i. Rangia – Amingaon 220 kV D/C line
- ii. LILO of one circuit of Rangia – Rowta 132 kV D/c line at Tangla
- iii. Amingaon – Hazo 132 kV D/c line
- iv. LILO of Kamalpur – Sishugram 132kV S/c line at Amingaon 220/132kV S/s
- v. LILO of Kamalpur – Kamakhya 132kV S/c line at Amingaon 220/132kV S/s
- vi. LILO of Golaghat – Bokajan 132 kV S/c line at Sarupathar
- vii. Sonabil – Tezpur (New) 132 kV D/c line
- viii. LILO of Jorhat (Gormur) – Nazira 132 kV S/c on D/c at Teok

MEGHALAYA:

1. MEGHALAYA SS – 01

- i. 132/33 kV Substation at Mynkre
- ii. 132/33 kV Substation at Phulbari
- iii. 132 kV Ampati (Extension) Substations (2no's 132 KV Bays)

2. MEGHALAYA SS – 02:

- i. 220 /132 kV GIS Substation at Mawangap
- ii. 220 /132 kV GIS Substation at New Shillong
- iii. 220kV Byrnihat (Killing) AIS Substation Extension

3. MEGHALAYA DMS – 01:

- i. 33/11 kV Mynkre (New Substation)
- ii. 33/11 kV Rymbai (New Substation)
- iii. 33/11 kV Latyrke (New Substation)
- iv. 33/11 kV Byndihati (New Substation)

Lines under Meghalaya DMS-01 package:

- v. 132/33 kV S/s at Mynkre to Mynkre 6 KM
- vi. 132/33 kV S/s at Mynkre to Rymbai 15 KM
- vii. 132/33 kV S/s at Mynkre to Lumshnong 10 KM
- viii. 132/33 kV S/s at Mynkre to Latyrke 25 KM

4. MEGHALAYA DMS – 02:

- i. 33/11 kV Chibinang(New Substation)
- ii. 33/11 kV Raksambre (Potamati) (New Substation)
- iii. 33/11 kV Rajabala (New Substation)
- iv. 33/11 kV Phulbari (Augmentation)
- v. 33/11 kV Tirkila (Bay Extension)

Lines under DMS-02 package:

- vi. 132/33 kV S/s at Phulbari to Rajbala Bhaitbari 10KM
- vii. 132/33 kV S/s at Phulbari to Chibinang 6 KM
- viii. 132/33 kV S/s at Phulbari to 33/11 kV Phulbari Existing S/s 6 KM
- ix. 132/33 kV S/s at Phulbari to Tapping point on existing 33 kV Tikrikila-Phulbari line 6KM

- x. Reconductoring (From Racoon to Wolf) Part of existing 33 kV Tikrila-Phulbari line from tapping point to Tikrikila S/s 30 KM
- xi. Existing 33/11 kV S/s at Tikrikila to Raksambre 35 KM

5. MEGHALAYA DMS – 03:

- i. 33/11 kV Mawkynre (New Substation)
 - ii. 33/11 kV Mawpat (New Substation)
 - iii. 33/11 kV Mawrenkneng (New Substation)
 - iv. 33/11 kV New Shillong (2x10 MVA) (New Substation)
 - v. 33/11 kV SE Falls (from 5 MVA to 10 MVA) (Augmentation)
 - vi. 33/11 kV Jongsha (Bay Extension)
- Lines under DMS-03 package**
- vii. 220/132/33 kV S/s at New Shillong to Mawpat 25KM.
 - viii. 220/132/33 kV S/s at New Shillong to New Shillong 6 KM.
 - ix. 220/132/33 kV S/s at New Shillong to Mawryngkneng 29 KM
 - x. Existing 33/11 kV S/s at Jongsha to Mawkynrew 8 KM.
 - xi. Existing 33/11 kV S/s at SE Falls to Mawpat 10 KM
 - xii. LILO of existing Jowai-Landnongkrem to Mawryngkneng 4 KM
 - xiii. Reconductoring (From Racoon to Wolf): Existing Jowai-Landonogkrem-Jongksha Line 35 KM

6. MEGHALAYA TW – 01

- i. 220 kV D/C Byrnihat-Mawngap-New Shillong TL (122 Kms)

7. MEGHALAYA TW -02

- i. 132 kV D/C Phulbari-Ampati TL (69 Kms.)
- ii. LILO of both circuits of 132kV D/C MLHEP-Khleihriat line at Mynkre (34 Kms.)

TRIPURA:

1. TRIPURA SS – 01:

- 132/33KV Belonia
- 132/33KV Bagafa
- 132/33 KV Sabroom
- 132/33 KV Satchand

2. TRIPURA SS – 02:

- 132/33kV Rabindra nagar
- 132/33kV Gokul Nagar
- 132/33 kV Rokhia (Extn.)
- 132/33 kV Udaipur (Extn.)
- 132/33 kV Jirania (Augm.)

3. TRIPURA SS – 03:

132/33kV Mohonpur

132/33kV Manu

132/33 kV Amarpur

132/33 KV Kailasahar

132/33 KV Dharamnagar (Extn.)

132/33 KV Ambassa (Augm.)

132/33 KV Dhalabil (Augm.)

4. TRP-DMS -01:

07 nos. 33/11 kV New S/s at Karbook, Muhuripur, Dalak (Chelagang), Chittamara, Maharani, Chechua, Garjee

33 kV Bay addition/augmentation at Rani, Joliabari, Jatanbari, Udaipur, belonia

11 nos. 33kV lines (181 Kms)

5. TRP-DMS -02:

06 nos. 33/11 kV New S/s at Manughat, Srinagar, Rupaichari, Ekinpur, Gabardi, Barpathari

33 kV Bay addition/augmentation at Hrishyamukh, Rajnagar, Jolaibari, Silachari S/s.

ii. 13 nos. 33kV lines (226 Kms)

6. TRP-DMS -03:

i. 05 nos. 33/11 kV New S/s at Sekerkote, Golaghati, Durganagar, Nidaya, Nalchar

ii. 33 kV Bay addition/augmentation at Madhupur, Kathalia, Melagarh, Takarjala, Jangalia, Bishramganj-1, Bishramganj-2 S/s.

iii. 16 nos. 33kV lines (244 Kms)

7. TRP-DMS -04:

i. 10 nos. 33/11 kV New S/s at Khowai, Simna, Barkathal, Bamutia, Lembucherra, Champak Nagar, Ranirbazar, ADC Head Qtr, Taidu, Mugiakami

- ii. 33 kV Bay addition/augmentation at Khayerpur, Hezamara, Durjoynagar, Ampura, Telimura, Dhalabil, Jirania S/s.
- iii. 20 nos. 33kV lines (247 Kms)

8. TRP-DMS -05:

- i. 06 nos. 33/11 kV New S/s at Jawhar Nagar, Chailengta, Dhumachhera, 82 mile, Tilla Bazar, Durga Chowmohani
- ii. 33 kV Bay addition at Gandacherra, Chawmanu (Salema), Rangrung, P K Bari, Kalaisahar S/s.
- iii. 11 nos. 33kV lines (193 Kms)

9. TRP-TW-01:

- i. Udaipur - Bagafa 132 kV D/C line
- ii. Bagafa – Belonia 132 kV D/C line
- iii. Bagafa – Satchand 132 kV S/c on D/C line
- iv. 132kV Interconnecting portion of 132kV Sabroom - Satchand at Satchand end

10. TRP-TW-02:(Technofab)

- i. Rabindra Nagar – Rokhia 132 kV D/C line
- ii. LILO of one circuit of Surajmaninagar - Rokhia 132 kV D/c line at Gokulnagar
- iii. Rabindra Nagar – Belonia 132 kV D/C line
- iv. Belonia – Sabroom 132 kV D/C line
- v. 132kV Interconnecting portion of 132kV Sabroom - Satchand at Sabroom end

11. TRP-TW-03:

LILO of Ambassa – P. K. Bari 132 kV S/C at Manu
 Kailasahar – Dharmanagar 132 kV D/C line
 LILO of Agartala (79 Tilla) - Dhalabil (Khowai) 132 kV S/C line
 Udaipur- Amarpur 132 kV D/C line
 132kV Interconnection portion from Manu (Old) S/S to Manu (New) S/S for charging of 132kV Manu - Chawmanu TL

MANIPUR:

1. Manipur-DMS -01:

- 07 nos. 33/11 kV New S/s at Pishum (GIS), Lamphel, Hiyangthang, Andro, Takyel, keithelmanbi, Top Khongangkhang
- ii. 33kV Bay addition at Chandel, Mongsangei, Iroisemba, Kongba S/s.
 07 nos. 33kV lines (58 Kms)

2. Manipur-DMS-02:

- ii. 33/11 kV New S/s at Kwakta
- iii. 33/11 kV New S/s at Leimapokpam
- i. Capacity augmentation of existing 8 nos. S/s at Jiribam, Khoupum, Khwairakpan, Moirang Khunou, Nambol, Ningthoukhong, Tamenglong, Yaingangpokpi
- iv. Bay addition at Existing 33/11 kV Nambol s/s
- v. LILO of existing 33 kV Moirang - Moirang Khunow line at Kwakta (10 Kms)
- vi. From existing 33/11 kV Nambol s/s to Leimapokpam (10 Kms.)

3. Manipur-DMS-03:

- i. 33/11 kV New S/s at Porompat
- ii. 33/11 kV New S/s at Thangal
- iii. Capacity augmentation of existing 6 nos. S/s Kamjong, Khuman Lampak, Litan, Napetpalli, New Chayang & Saikul
- iv. Bay addition at Existing 33/11 kV Khumanlampak s/s & Existing 33/11 kV Khoupom s/s
- v. From existing 33/11 kV Khumanlampak s/s to Porompat (3 Kms)
- vi. From existing 33/11 kV Khoupom s/s to Thangal (20 Kms)

4. Manipur-DMS-04:

33/11 kV New S/s at Sanjenbam

33/11 kV New S/s at Tuilaphai

Capacity augmentation of existing 3 nos. S/s Karong, Maram & Tadubi

Bay addition at Existing 33/11 kV Napetpalli s/s

33kV line from from existing 33/11 kV Napetpalli s/s to Sanjenbam (10 Kms)

LILO of existing 33 kV Ccpur-Singhat line at Tuilaphai(10 Kms.)

MAN-Tower package scope:

- i. Renovation of Yurembum – Karong - Mao (Manipur-Nagaland border) section of Yurembum-Karong-Kohima 132kV S/c line
- ii. LILO of Yurembam(Imphal-State) – Karong 132 kV line at Gamphajol
- iii. Stringing of Yaingangpokpi - Kongba 132kV line (2ndckt)
- iv. Stringing of Kakching - Kongba 132kV line (2ndckt)
- v. 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

- vi. Imphal (PG) - Ningthoukhong 132 kV D/c line
- vii. Rengpang-Tamenlong 132kV S/C line on D/C tower

5. MAN-SS-01:

- i. 2x20 MVA, 132/33 kV Gamphajol new sub-station
- ii. Augmentation of Ningthoukhong by addition of 2nd transformer
- iii. 132kV Imphal (PG) (Extension) Substation

6. MAN-SS-02:

Augmentation of Kongba by addition of 3rd transformer
 132/33kV Thoubal (Extension) Substation
 132kV Kakching (Extension) Substation
 132kV Yaingangpokpi (Extension) Substation
 132/33kV Ukhrul (Augmentation) Substation

7. MAN-SS-03:

132/33 kV Tamenglong (New) Substation
 Augmentation of Rengpang by addition of 2nd transformer
 Augmentation of Jiribam by addition of 2nd transformer

NAGALAND:

Nagaland-DMS -01:

- i. 02 nos. 33/11 kV New S/s at Longtho, Longleng Town
- ii. 33 kV Bay addition at Longnak S/s.
- iii. 03 nos. 33kV lines (7.5 Kms)

Nagaland-DMS -02:

05 nos. 33/11 kV New S/s at Mokochung Town Hospital Area, Zunheboto south point, Chukitong, Tseminyu & Wokha Power House

33 kV Bay addition at Suruhuto, Akuloto, Pughoboto, Torogonyu, Mokochung S/s,

05 nos. 33kV lines (54 Kms)

NAG-DMS -03:

- i. 33/11 kV New S/s at Lalamati
- ii. 33/11 kV New S/s at Zhadima (New Kohima)
- iii. 33/11 kV New S/s at Pfutsero
- iv. Capacity augmentation of existing 3 nos. S/s Botsa, Chakabhama & ITI Kohima

- i. 33kV line from 220/132/33kV S/s at New Kohima (under construction by state) to Proposed 33 kV S/s at Zhadima (New Kohima) (1 Km)
- v. 33kV line from Proposed 132/33 KV S/s at Pfutsero to Proposed 33 kV S/s at Pfutsero (3.4 Kms.)

NAG-DMS -04:

- i. 33/11 kV New S/s at Padam Pukhri
- ii. 33/11 kV New S/s at Tizit
- iii. Bay addition at Existing 132/66/33 kV Nagarjan S/s
- iv. Capacity augmentation of existing 2 nos. S/s Industrial Estate & Refferal Hospital
- v. 33kV line from Nagarjan 132/66/33 kv (existing) S/s to Proposed 33 kV S/s at Padam Pukhri (6.6 Kms)

NAG-TW-01:

New Kohima – Mokokchung (PG) 220 kV S/c line on D/c tower

6. NAG-TW-05:

New Kohima (Zadima) – New Secretariat Complex Kohima 132 kV D/c line

7. NAG-TW-06:

- iv. Wokha (Doyang River) - Zunheboto – Mokokchung (Nagaland) 132 kV S/c on D/c line
- v. LILO of Mokokchung (Nagaland) - Mariani (Assam) 132 kV D/c line at Longnak
- i. Tuensang – Longleng 132 kV S/c on D/c line
- vi. LILO of Kohima – Wokha 132 kV S/c line at New Kohima
- vii. LILO of Kohima – Meluri (Kiphire) 132 kV S/c line at Pfutsero

8. NAG-SS-01:

2x25 MVA, 132/33 kV new sub-station at Longnak (Mongkolemba Junction)
2x10 MVA, 132/33 kV new sub-station at Longleng

9. NAG-SS-02:

- vi. 2x25 MVA, 132/33 kV new sub-station at Zunheboto
- vii. 132kV Mokokchung(State) Substation Extension
- viii. 220kV Mokokchung (POWERGRID) Substation Extn

10.NAG-SS-03:

2x25 MVA, 132/33 kV new sub-station at New Secretariat Complex Kohima
220/132kV New Kohima Substation (extension)

11.NAG-SS-04:

2x25 MVA, 132/33 kV new sub-station at Pfutsero
1x25 MVA, 132/33 kV transformer at Wokha (extension)

12.Nagaland Tel. Equip. Package:

Supply, commission & maintenance of Communication Equipment's for Nagaland, Manipur, Mizoram & Tripura i.e.

SDH: - 160 Nos.

PDH: - 180 Nos.

Mizoram

MIZ-TW-01:

Lungsen – Chawngte 132 kV S/c line (to be charged at 33 kV)

Chawngte – S. Bungtlang 132 kV S/c line via S. Diltlang (to be charged at 33 kV)

132 kV S/C Lunglei-Lungsen Interconnection

2. MIZ-SS-02:

i. W. Phaileng – Marpara 132 kV S/c line on D/c tower

3. MIZ-SS-01:

New sub-station at Lungsen with 132/33 kV, 2x12.5 MVA transformer

Augmentation of Lunglei sub-station by replacing existing 2x12.5 MVA, 132/33 kV transformer with 2x25 MVA 132/33 kV transformer

4. MIZ-SS-02:

i. New sub-station at W. Phaileng with 132/33 kV, 2x12.5 MVA transformer

ii. New 132/33kV sub-station at Marpara

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

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

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

4. ASSAM TW-07: Awarded to M/s KEC on 15.01.21

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)	:	15.00
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'23

LILO of one circuit of Rangia – Rowta 132 kV D/c line at Tangla
Line completed in Jan'22

Amingaon – Hazo 132 kV D/c line
Completed in Dec'22

LILO of Kamalpur – Sishugram 132kV S/c line at Amingaon 220/132kV S/s
Line completed in Mar'22

LILO of Kamalpur – Kamakhya 132kV S/c line at Amingaon 220/132kV S/s
Line completed in Mar'22

LILO of Golaghat – Bokajan 132 kV S/c line at Sarupathar
Line completed in Mar'21

Sonabil – Tezpur (New) 132 kV D/c line
Completed in Feb'22

LILO of Jorhat (Gormur) – Nazira 132 kV S/c on D/c at Teok
Completed in Feb'21

5. 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 Dec'2021

132kV Underground cable from GMCH to Kahilipara (6.4 Kms.)

Length of cable (km)	:	6.40
Cable laid (kms)	:	3.50
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'23

Sub-station

ASM-SS-01: Awarded to M/s Neccon Power & Infra. Pvt. Ltd. on 12/08/2016

1. 2x31.5 MVA, 132/33 kV new sub-station at Silapathar

Completed in Mar'22

1. 2x50 MVA, 132/33 kV new sub-station at Tezpur (New)

Completed in Feb'21

2. 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.

3. 132kV Dhemaji (Extension) Substation

Test charging successfully completed in March 2019.

4. 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

1. 2x31.5 MVA, 132/33 kV new Sub-station at Teok

Completed in Feb'21

2. 2x100 MVA, 220/132 kV substation at Behiating (New Dibrugarh)

Completed in Jan'2022

3. 2x31.5 MVA, 132/33 kV new sub-station at Sarupathar

Completed in July'21.

4. 2x31.5 MVA, 132/33 kV new sub-station at Chapakhowa

Completed in Mar'21

5. 220kV Tinsukia (Extension) Substation

Completed in Sep'21

6. 132kV Rupai (Extension) Substation

Commissioned on Sep'20

ASM-SS-03: Awarded to M/s Neccon Power & Infra. Pvt. Ltd. on 12/08/2016

1. 2x31.5 MVA, 132/33 kV new sub-station at Tangla

Substation completed in Aug'21.

2. 2x31.5 MVA, 132/33 kV new sub-station at Hazo

Completed in Dec'2021

3. 220kV Rangia (Extension) Substation

Test charged in March 2019.

4. 132kV Kahilipara (Extension) Substation

Test charged in April 2019.

5. 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. 2nd Transformer charged on 3rd October 2020.

ASM-SS-04: Awarded to Joint Venture (JV) of Techno & Seiyuan on 6th May'16.

1. 2x50 MVA, 132/33 kV new sub-station at Paltan Bazar (GIS)

Completed in Sep'21

2. 50 MVA, 132/33 kV new sub-station at Guwahati Medical College (GIS)

Completed in Mar'21

3. 2x160 MVA, 220/132 kV GIS at Amingaon

Completed in Feb'22.

4. 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.

ASSAM DMS

ASM-DMS-01: Awarded to M/s Neccon on 20th Oct'16.

- 1. 2X5 MVA, 33/11kV new sub-station at Silapathar-II**
Completed in May'22
- 2. 2X5 MVA, 33/11kV at Hathimurah-2**
Test charged in October 2019.
- 3. 2X5 MVA, 33/11kV new sub-station at Mailo**
Completed in Feb'21
- 4. 2X10 MVA, 33/11kV new sub-station at LGM hospital**
Substation test charged in Oct'20
- 5. Extension of Parowa S/S**
Test charged in Dec'19
- 6. Extension of Dolabari S/S**
Test charged in Oct'20.
- 7. Extension of Samguri S/S**
Test charged in July'19
- 8. Extn. of Shankardev nagar existing S/S**
Test charged in Aug'19
- 9. Extn. of Silapatahar existing S/S**
Test Charged in June'19

ASM-DMS-02: Awarded to M/s S& W on 23rd Dec'16

- 1. 2X10 MVA, 33/11kV new sub-station at Romai**
Completed in Nov'20
- 2. 2X5 MVA, 33/11kV new sub-station at Bogibil**
Substation charged in Feb'20.
- 3. 2X10 MVA, 33/11kV new sub-station at Dibrugarh**
Substation Charged in Aug'20.
- 4. Extn. of Dibrugarh 132/33kV S/s**
Test charged in June 19.
- 5. Extn. of Chapakhowa 33/11kV S/s**
Test charged in June 19.

6. **Extn. of Barapathar 33/11kV S/s**
Test charged in June 19.
7. **Extn. of Sarupathar 33/11kV S/s**
Test charged on July'19
8. **Extn. of Sariajhan 33/11kV S/s**
Test charged in Oct'20
9. **Extn. of Teok 33/11kV S/s**
Test charged in Sept'19
10. **Extn. of Kakojaan 33/11kV S/s**
Test charged in Aug'20.
11. **Extn. of Janji 33/11kV S/s**
Test charged in Dec'19.
12. **Extn. of Amguri 33/11kV S/s**
Test charged in Dec'20.
13. **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

1. **2X5 MVA, 33/11kV new sub-station at Harsingha**
Test Charged in Nov'20
2. **2X5 MVA, 33/11kV new sub-station at Sesa**
Test charged in November 2019.
3. **2X5 MVA, 33/11kV new sub-station at Ramdiya**
Test charged in July 2020.
4. **33/11kV new sub-station at Domdoma-Hazo**
Test charged in Dec'20.
5. **2X10 MVA, 33/11kV new sub-station at Chabipool**
Commissioned on 30/09/2020
6. **Extn. Paneri Existing 33/11kV S/S**
Test charged in March 2019.
7. **Kalaigaon Existing 33/11kV S/S**
Test charged in Dec'20.
8. **Tangla Existing 33/11kV S/S**
Test charged in Nov'19

9. **Khairabari Existing 33/11 kV**
Test charged in April'19
10. **33/11kV Mukalmuwa existing S/S**
Test charged in April 2019.
11. **Existing Paltanbazaar S/S**
Test charged in March 2019.
12. **Existing Judges Field S/S**
Test charged in Dec'19.
13. **Existing Jail (Fancy bazaar) S/S**
Test charged in April 2019.

ASM-DMS-04: Awarded to M/s NECCON on 8th July'16

1. **2X10 MVA, 33/11kV new sub-station at GS Road**
Completed in Mar'21
2. **2X10 MVA, 33/11kV new sub-station at GMC-2**
Completed in Mar'21
3. **2X10 MVA 33/11kV new sub-station at Tarun Nagar**
Completed in Jan'22
4. **2X10 MVA, 33/11kV new sub-station at Arya College (New) GIS s/s**
Completed in Sep'2021
5. **Extn. Of Existing GMC S/S**
Charged in April 2019.
6. **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

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant . Comp.	Status
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
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'2021
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 Barupathar 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

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant . Comp.	Status
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'2021
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'2021
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'2021
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'2021
	Underground cable lines				

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant . Comp.	Status
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'2020
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'2020
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	Apr'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

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant . Comp.	Status
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

SI. 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(kms)	:	120
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'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

LILLO 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

Sub-station :

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

1. **2x160 MVA, 220/132 kV Mawngap GIS**
Completed in Feb'21
2. **2x160 MVA, 220/132 kV + 2x50 MVA, 132/33 kV GIS at New Shillong**
Substation completed in April'21.
3. **220kV Byrnihat (Killing) AIS Substation Extension**
Charged in November 2019

DMS Substation

MEG-DMS-01: Awarded to M/s Neccon on 13th July'16

1. **33/11 kV new sub-station at Mynkre**
Substation test charged in Aug'20.
2. **33/11 kV new sub-station at Rymbai**
Substation charged in Jan'21.
3. **33/11 kV new sub-station at Latyrke**
Substation charged in Feb'20
4. **33/11 kV new sub-station at Byndihati**
Completed in Feb'21

MEG-DMS-02: Awarded to M/s Neccon on 13th July'16

5. **33/11 kV new sub-station at Chibinang**
Test charged on July'19
6. **33/11 kV new sub-station at Raksambre (Potamati)**
Test charged on Sep'19.

7. 33/11 kV new sub-station at Rajaballa Bhaitbari

Completed in Mar'2022

8. Extn. of 33/11 kV Phulbari S/s

2x5 MVA transformer charged.

9. Extn. of 33/11 kV Trikila S/s

Completed in Nov'2020

MEG-DMS-03: Awarded to M/s Neccon on 27th May'16

10. 33/11 kV new sub-station at Mawkynrew

Test charged in June'19

11. 33/11 kV new sub-station at Mawpat

Test charged on Sept'19

12. 33/11 kV new sub-station at Mawrenkneng

Completed in Feb'21

13. 33/11 kV new sub-station at New Shillong

Test charged in Dec'19.

14. 33/11 kV SE Falls (Augmentation)

1 No. 33/11kV, 10MVA Transformer commissioned in Oct'18 & 2nd 10 MVA ICT
Commissioned on Jan'19

15. Extn. of 33/11 kV Jongksha S/s

Commissioned in June'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
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

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant. Comp.	Status
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
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

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant. Comp.	Status
17.	DMS-03 27.05.16	Neccon	Mawlyndee to Mawryngkeng	Dec'18	Completed in Sep'22

Mizoram

Total no. of Packages: 3

No. of Awarded Packages: All awarded

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

Transmission line

1. MIZ-TW-01: Awarded to KSA on 20th Sept'17

- i. Lungsens – Chawngte 132 kV S/c line (charged at 33 kV)
Completed in Sep'22
- ii. Chawngte – S. Bungtlang 132 kV S/c line via S. Bungtlang (to be charged at 33 kV)
Completed in March 2023
- iii. 132 kV S/C Lunglei-Lungsens Interconnection
Completed in Jun'21

2. MIZ-SS-02: Awarded to S&W on 13th Oct'17

W. Phaileng – Marpara 132 kV S/c line on D/c tower

Line Length (km)	:	51
Tower Locations (nos)	:	172
Foundation completed (nos)	:	156
Tower Erected (nos)	:	145
Stringing completed (kms)	:	16.10
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'23

Sub-station

MIZ-SS-01: Awarded to KSA on 2nd Nov'17

i. 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	:	Apr'23

Remarks: Foundation of Tower, Equipment and Control room in progress.

**ii. 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

Distribution

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

Transmission line

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 Length(km)	:	1.447
Tower Locations(nos)	:	5
Foundation completed(nos)	:	5
Tower Erected(nos)	:	5
Stringing completed(kms)	:	1.447
Scheduled date of completion	:	Dec'18
Date of completion	:	Line test charged on 16th Sep'19

Stringing of Yaingangpokpi - Kongba 132kV line (2ndckt) (33 Kms.)

Line Length(km)	:	33
Tower Locations(nos)	:	NA
Foundation completed(nos)	:	NA
Tower Erected(nos)	:	NA
Stringing completed(kms)	:	33 Km
Scheduled date of completion	:	Dec'18
Date of completion	:	Line completed in Dec'19

Stringing of Kakching - Kongba 132kV line (2ndckt) (45 Kms.)

Line Length(km)	:	45
Tower Locations(nos)	:	NA
Foundation completed(nos)	:	NA
Tower Erected (nos)	:	NA
Stringing completed (kms)	:	43
Scheduled date of completion	:	Dec'18
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.)

Remarks: 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
Tower Locations (nos)	:	73
Foundation completed (nos)	:	64
Tower Erected (nos)	:	61
Stringing completed (kms)	:	14.00
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	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.

Sub-station (New)

MAN-SS-01: Awarded on 3rd Jan'18 to M/s Sterling & Wilson

- i. **2x20 MVA, 132/33 kV Gamphajol new sub-station**
Completed in Feb'22.
- ii. **Augmentation of Ningthoukhong by addition of 2nd transformer**
Works completed in Jan'22.
- iii. **132kV Imphal (PG) (Extension) Substation.**
Works completed in Oct'20.

MAN-SS-02: Awarded on 8th Dec'17 to M/s Shyama Power

- iv. **Augmentation of Kongba by addition of 3rd transformer + 2 Line Bays:**
1-line bay charged in Dec'19. 2nd line bay charged in July'20.
Transformer charged in Oct'20

Scope Deleted - 132/33kV Thoubal (Extension) Substation

Remarks: Scope deleted

Constraint if any

- v. **132kV Kakching (Extension) Substation**
Bay construction completed, test charged in October'19.

vi. 132kV Yaingangpokpi (Extension) Substation

Bay charged in November 2019.

vii. 132/33kV Ukhrol (Augmentation) Substation

Completed in Feb'21.

MAN-SS-03: Awarded on 3rd Jan'18 to M/s Sterling & Wilson

i. 132/33 kV Tamenglong (New) Substation

Land acquisition	:	Acquired
Civil work (%)	:	62
Equipment received (%)	:	90
Equipment erected (%)	:	08
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'23

Remarks: C.R.B., Tower & Equip. Fdn. u/p.

ii. Extension of Rengpang SS

Remarks: **Substation Completed in Dec'20.**

Constraint if any:

iii. Augmentation of Jiribam by addition of 2nd transformer

Substation Completed in Aug'21.

DMS Substataion

MAN-DMS-01: Awarded to M/s Winpower on 3rd Mar'17

33/11 kV new sub-station at Pishum (GIS)

Work completed in Mar'21.

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

Remarks: Substation Test charged in Dec'19.

33/11 kV new sub-station at Andro

Remarks: Substation Test charged in May'20

4. 33/11 kV new sub-station at Takyel

Land acquisition	: Acquired.
Civil work (%)	: 27
Equipment received (%)	: 11
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: Alternate land handed over in Feb'21 and same is also marshy.

Design/Engineering of pile is under progress.

5. 33/11 kV new sub-station at New Keithelmanbi

Substation charged in Feb'20.

6. 33/11 kV new sub-station at Top Khongangghong

Substation charged in Feb'20.

7. Extn. of 33/11 kV Langdum S/s

Bay test charged in October'19.

8. Extn. of 33/11 kV Mongsangei S/s

Test charged in Jul'19.

9. Extn. of 33/11 kV Iroisemba S/s

Test charged in Jul'19.

10. Extn. of 33/11 kV Porompat S/s

Charged in Jun'19.

11. Thoubal (Augmentation)

Transformer charged in May'19.

12. Wangjing (Augmentation)

Trasformer charged in Aug'19.

13. Leimakhong (Augmentation)

Transformer charged in May'19.

14. Kangpokpi (Augmentation)

Transformer charged in Sep'19.

MAN-DMS-02: Awarded to M/s Winpower on 16th Dec'16

- 16. 33/11 kV New Substation at Kwakta**
Substation test charged in Dec'19.
- 17. 33/11 kV New Substation at Leimapokpam**
Substation test charged in Jan'20.
- 18. Ningthoukhong(Augmentation)**
Charged in Jun'19.
- 19. Yaingangpokpi(Augmentation)**
Transformer charged in Sep'19.
- 20. Nambol(Augmentation)**
Transformer charged in May'19.
- 20. Khwairakpan (Augmentation)**
Transformer charged in May'19.
- 22. Moirang Khunou(Augmentation)**
Transformers charged in Sep'19.
- 22. Jiribam(Augmentation)**
Transformers charged in Sep'19.
- 24. Khoupum (Augmentation)**
Both transformers charged in Oct'19.
- 25. Tamenglong (Augmentation)**
Transformer charged in Sep'19
- 26. Extn. of Nambol (bay addition) s/s**
Charged in Jun'19.
- 27. Extn. of Existing Moriung s/s**
Charged in Jul'19.

MAN-DMS-03: Awarded to M/s Siddartha on 18th Mar'16

- 28. 33/11 kV New Substation at Porompat**
Charged in Jun'19.
- 29. 33/11 kV New Substation at Thangal**
Work completed.
- 30. Aug. of Existing 33/11kV Khuman Lampak**

Charged in Jan'19.

- 31. Extn. of Existing 33/11kV Khoupom**
Charged in April 2019.
- 32. 1x5 MVA. Napetpalli (Augmentation)**
Charged in Nov'18.
- 33. 1x3.15 MVA Kamjong (Augmentation)**
Charged in Jun'19
- 34. 1x3.15 MVA Saikul (Augmentation)**
ICT Charged in Dec'18
- 35. 1x3.15 MVA New Chayang (Augmentation)**
Charged in Nov'18
- 36. 1x3.15 MVA Litan (Augmentation)**
Transformer charged in Jan'19.

MAN-DMS-04: Awarded to M/s Siddhartha on 18th Mar'16

- 37. 33/11 kV New S/s at Sanjenbam**
Test Charged in Jul'19.
- 38. 33/11 kV New S/s at Tuilaphai**
ICT and line charged in Dec'18.
- 39. Extn. of Existing 33/11kV Napetpalli S/S**
S/s extension charged in Dec'18.
- 40. 1x5 MVA Karong (Augmentation)**
ICT charged in Dec'18
- 41. 1x3.15 MVA Tadubi (Augmentation)**
ICT charged in Dec'18.
- 42. 1x3.15 MVA Maram (Augmentation)**
ICT charged in Feb'19.

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 Khongnangkhang 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
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 Sanjembam	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

- i. Wokha (Doyang River) - Zunheboto – Mokokchung (Nagaland) 132 kV S/c on
Completed in February 2023
- ii. LILO of Mokokchung (Nagaland) - Mariani (Assam) 132 kV D/c line at Longnak
Works completed in Oct'20.
- iii. Tuensang – Longleng 132 kV S/c on D/c line
Completed in Jan'23
- iv. LILO of Kohima – Wokha 132 kV S/c line at New Kohima
Work completed in Mar'21.
- v. 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

- i. 2x25 MVA, 132/33 kV new sub-station at Longnak (Mongkolemba Junction)
Completed in Jun'21.

- i. 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

1. 2x25 MVA, 132/33 kV new sub-station at Zunheboto
Completed in March 2023

2. 132kV Tuensang Substation Extension

Land acquisition	:	Existing land
Civil work (%)	:	-
Equipment received (%)	:	-
Equipment erected (%)	:	-
Scheduled date of completion	:	Dec'18
Anticipated date of completion:		Jan'24

Remarks:

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.

3. 132kV Mokokchung(State) Substation Extension
Completed in Nov'20
4. 220kV Mokokchung (POWERGRID) Substation Extn
Completed in Apr, 21

NAG-SS-03: Awarded to M/s Shyama Power on 14th Dec'17

1. **2x25 MVA, 132/33 kV new sub-station at New Secretariat Complex Kohima**
Completed in Sep,21
2. **220/132kV New Kohima Substation (extension)**
Completed in Nov'2020

NAG-SS-04: Awarded to M/s PowerMech on 13th Dec'17

- i. **2x25 MVA, 132/33 kV new sub-station at Pfutsero**

Land acquisition	:	Acquired
Civil work (%)	:	59
Equipment received (%)	:	74
Equipment erected (%)	:	25
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'23

Remarks:

Constraint if any: There is approach road problem.

- ii. **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

33/11 kV New S/s at Longleng Town
Completed in Mar'21.

33kV Bay extension at Longnak
Completed in Nov'2020

Augmentation of 33kV Changtongya S/S

Remarks: **Completed in Jan'21.**
Constraint if any:

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'2020

33kV Bay extension at Torogonyu

Substation completed and ready for charging 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.

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. 2nd 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. 2nd 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
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/Apr'23	Pole Erection:63/102 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

SI No.	Package/ Date of NOA	Name of Agency	Name of Line	Sch./Ant. Comp.	Status
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

Transmission line:

All packages awarded to M/s EMC on 12th June'17.

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

Bagafa – Satchand 132 kV S/c on D/C line

Line Length (km)	:	29.37
Tower Locations (nos)	:	119
Foundation completed(nos)	:	107
Tower Erected (nos)	:	92
Stringing completed (kms)	:	14.90
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'23

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 Surajmaninagar - Rokhia 132 kV D/c line at Gokulnagar
Completed in Feb'21

Rabindra Nagar – Belonia 132 kV D/C line

Line Length (km)	:	63.609
Tower Locations (nos)	:	224
Foundation completed(nos)	:	221
Tower Erected (nos)	:	217
Stringing completed (kms)	:	46.459
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'23

Constraint if any: Forest area (75 Ha) Stage I clearance obtained on 12.04.2019.
Working permission issued in Jun'20.

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

Sub-station

TRP-SS-01: Awarded to SPML on 4th Nov'16

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
1st 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 April 2022

2x31.5 MVA, 132/33 kV new sub-station at Mohonpur (Hezamara)
Completed in Feb'21

2x31.5 MVA, 132/33 kV new Substation at Amarpur

Land acquisition	:	Acquired
Civil work (%)	:	73
Equipment received (%)	:	84
Equipment erected (%)	:	59
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'23

Remarks:
Constraint if any :

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 MVA, 33/11 kV transformer & 2x250 KVA 11/0.4 kV transformer including extension of control room

Completed in Feb'21

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.

Tripura –DMS

TRP-DMS-01: Awarded to Technofab on 22nd Feb'17

33/11 kV New S/s at Karbook

Completed in Nov'2020

33/11 kV New S/s at Muhuripur

Completed in March 2023

33/11 kV New S/s at Dalak (Chelagang)

Completed in Mar'2022

33/11 kV New S/s at Chittamara

Land acquisition	:	Acquired
Civil work (%)	:	71
Equipment received (%)	:	62
Equipment erected (%)	:	27
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'23

Remarks: New land handed over.

33/11 kV New S/s at Maharani

Completed in July'21.

33/11 kV New S/s at Chechua

Remarks: 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

Remarks: Scope Deleted.

TRP-DMS-02: Awarded to Technofab on 20th Jan'17

33/11 kV New S/s at Manughat

Land acquisition	:	Acquired.
Civil work (%)	:	47
Equipment received (%)	:	38
Equipment erected (%)	:	-
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'23
Remarks: CT, PT, LA received.		
Constraint if any	:	

33/11 kV New S/s at Srinagar

Completed in March 2023

33/11 kV New S/s at Gabardi

Remarks: 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 Barpathari

Land acquisition	:	Acquired
Civil work (%)	:	67
Equipment received (%)	:	43
Equipment erected (%)	:	-
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'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 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.

33/11 kV Taidu S/s

Land acquisition	:	Acquired
Civil work (%)	:	47
Equipment received (%)	:	39
Equipment erected (%)	:	-
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'23

Remarks:

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.

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 Dhumachhera

Land acquisition	:	Acquired
Civil work (%)	:	72
Equipment received (%)	:	61
Equipment erected (%)	:	23
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'23
Remarks:		
Constraint if any	:	

33/11 kV New S/s at 82 mile

Completed in Feb'22

33/11 kV New S/s at Tilla Bazar

Land acquisition	:	Acquired
Civil work (%)	:	24
Equipment received (%)	:	34
Equipment erected (%)	:	-
Scheduled date of completion	:	Dec'18
Anticipated date of completion	:	Apr'23

Constraint if any: Identified land is a marshy land with very low soil bearing capacity.

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.

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
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 Amarapur-Chechua	Dec'18	Completed in Mar'22

SI No.	Package	Name of Agency	Name of line	Sch./Ant. Comp.	Status
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
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

SI No.	Package	Name of Agency	Name of line	Sch./Ant. Comp.	Status
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.
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.

SI No.	Package	Name of Agency	Name of line	Sch./Ant. Comp.	Status
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.
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

SI No.	Package	Name of Agency	Name of line	Sch./Ant. Comp.	Status
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
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.

SI No.	Package	Name of Agency	Name of line	Sch./Ant. Comp.		Status
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 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
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			
66	DMS-03		Reconductoring of Badharghat to SM Nagar			
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	Comple-ted in Dec'22	
70	DMS-04		Reconductoring of Mohanpur to Hezamara			
71	DMS-04		Reconductoring of Mohanpur to Agartala	Aug'22	Pole: 435/500	

SI No.	Package	Name of Agency	Name of line	Sch./Ant. Comp.		Status
					Strg:5.54 / 18.54kM	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.
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 31.03.2023:

Sl. No.	Particulars	Project head (in Crs.)	Other than Project cost (in Crs.)	Total (in Crs.)
1	Amount received	Rs. 3,979.52	Rs. 634.32	Rs. 4,613.84
2	Amount spent	Rs. 4,007.66	Rs. 587.74	Rs. 4,595.40
3	Amount available	Rs. -28.14	Rs. 46.58	Rs. 18.44

NERPSIP Expenditure up to March 2023 during FY 2022-23

(Figures in Rupees Crores)

State	Expenditure
Assam	25.24
Manipur	10.12
Meghalaya	23.97
Mizoram	3.89
Nagaland	18.27
Tripura	27.31

TOTAL	108.80
--------------	---------------

Physical Progress

Total Elements Sanctioned (No.)	Elements Completed till Mar'23(No.)
446	423

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

1. TW-01

- i. 132kV S/C on D/C Tower Likabali-Niglok

2. TW-02:

- i. 132kV S/C on D/C Tower Pasighat Old-Mariyang

3. TW-03:

- i. 132kV S/C on D/C Tower Niglok-Pasighat New (Napit)
- ii. 132kV D/C Pasighat New (Napit)-Pasighat Old

- 4. TW-05**
 - i. 132kV S/C on D/C Tower Seppa-Rilo
- 5. TW-06**
 - i. 132kV S/C on D/C Tower Rilo-Seijosa
- 6. TW-08**
 - i. 132kV S/C on D/C Tower Sagali-Naharlagun
- 7. TW-09**
 - i. 132kV S/C on D/C Tower Naharlagun-Banderdewa
 - ii. 132kV S/C on D/C Tower Chimpu (Itanagar)-Holongi
- 8. TW-10**
 - i. 132kV S/C on D/C Tower Rilo-Sagali
- 9. TW-11**
 - i. 132kV S/C on D/C Tower Gerukamukh-Likabali
- 10. TW-12**
 - i. 132kV S/C on D/C Tower Naharlagun-Gerukamukh
- 11. TW-13:**
 - i. 132kV S/C Ziro-Palin (S/C on D/C Tower)
 - ii. 132kV S/C on D/C Tower Daporijo-Nacho
 - iii. 132kV S/C Palin-Koloriang (S/C on D/C Tower)
- 12. TW-19**
 - i. 132kV S/C Jairampur-Maio
- 13. TW-21**
 - i. 132kV S/C on D/C Tower Roing-Dambuk
 - ii. 132kV S/C on D/C Tower Tezu-Halaipani
 - iii. 132kV S/C on D/C Tower Roing-Anini
- 14. TW-24 (Part-A)**
 - i. 132kV S/C on D/C Tower Khupi-Seppa
 - ii. 132kV S/C on D/C Tower Seppa-Bameng
 - iii. 132kV S/C on D/C Tower Tawang-Lumla
- 15. TW-29B**
 - i) 132kV S/C Deomali-Khonsa
 - ii) 132kV Khonsa-Changlang
 - iii) 132kV S/C on D/C Tower Khonsa-Longding
- 16. TW30B**
 - i) 132kV S/C Changlang-Jairampur
 - ii) 132kV S/C on D/C Tower Miao-Namsai
- 17. TW-26**
 - i) 132kV S/C on D/C Tower Along-Kambang

- ii) 132kV S/C on D/C Tower Kambang-Mechuka
- iii) 132kV S/C on D/C Tower Along-Yingkiong
- iv) 132kV S/C on D/C Tower Yingkiong-Tuting

- 18. OPGW supply**
- 19. OPGW Erection**
- 20. Telecom Equipment**

- 21. ARP-SS01A**
 - i. 132/33kV Niglok Substation
 - ii. 132/33kV Napit Substation (Pasighat New)
 - iii. 132/33kV Pasighat Old Substation (Ext.) at Durakorang
 - iv. 132/33kV Likabali Substation

- 22. ARP-SS01B**
 - i. 132/33 kV Basar (New) Substation
 - ii. 132/33kV Ziro (New) Substation
 - iii. 132/33kV Gerukamukh (New) Substation
 - iv. 132kV Ziro (PG) (Extension) Substation
 - v. 132kV D/C Ziro (PG)-Ziro (New)
 - vi. LILO of 132kV S/C Daporijo-Along at Basar

- 23. ARP-SS02**
 - i. 132/33kV Seppa (New) S/s
 - ii. 132/33kV Rilo (New) S/s
 - iii. 132/33kV Sijosa (New) S/s
 - iv. 132/33kV Bameng (New) S/s
 - v. 132/33kV Khupi (Extn) S/s

- 24. ARP-SS03**
 - i. 132/33kV Naharlagun (New) S/s
 - ii. 132/33kV Sagali (New) S/s
 - iii. 132/33kV Banerdewa (New) S/s
 - iv. 132/33kV Holongi (New) S/s
 - v. 132kV Chimpu (Itanagar) S/s (Extn.)

- 25. ARP-SS04**
 - vii. 132/33kV Khonsa (New) S/s
 - viii. 132/33kV Changlang (New) S/s
 - ix. 132/33kV Jairampur (New) S/s
 - x. 132/33kV Maio (New) S/s
 - xi. 132kV Deomali (Extn) S/s
 - xii. 132kV Namsai (Extn) S/s

- 26. ARP-SS05:**
 - i. 132/33 kV Halaipani (New) Substation
 - ii. 132/33 kV Dambuk (New) Substation
 - iii. 132/33 kV Palin (New) Substation
 - iv. 132/33 kV Koloriang (New) Substation
 - v. 132/33 kV Yingkiong (New) Substation
 - vi. 132/33 kV Kambang (New) Substation
 - vii. 132 kV Tezu (PG) Extn. Substation

- viii. 132 kV Roing (PG) Extn. Substation
 - ix. 132 kV Daporijo Extn. Substation
 - x. 132 kV Along Ext Substation
- 27. ARP-DMS-01A**
- vi. 09 nos. 33/11kV New S/s at All India Radio, Jeying, Likabali, Mebo, Napit, Nari, Ngopok, Oyan, Ruksin
 - vii. 33kV Bay addition at Old Passighat S/s
 - viii. 09 nos. 33kV lines (183 kms)
- 28. ARP-DMS-01B**
- vi. 08 nos. 33/11 kV New S/s at Gensi, Gerukamukh, Hapoli, Igo, Koyu, Raga, Tirbin, Yazali
 - vii. 13 nos. 33kV lines (371 kms)
- 29. ARP-DMS-02**
- xiii. 07 nos. 33/11 kV New S/s at Balem, Bana, Khenwa, Pipu, Rilo, Seijosa, Thriziono
 - xiv. 33kV Bay addition at existing Bameng S/s & 33kV existing Khuppi S/s
 - xv. 33kV line from 132/33kV Tenzing Gaon S/s being undertaken by DoP, Arunachal Pradesh to Balem (60 kms)
 - xvi. LILO of Seppa-Khuppi TL at Bana (2 kms)
 - xvii. 33kV line from 33/11kV existing S/s at Bameng-Khenwa (25 kms)
 - xviii. 33kV line from proposed 132/33kV Seppa S/s to Pipu (30 kms)
 - xix. 33kV line from 33/11kV existing S/s at Khuppi-Thriziono (50 kms)
- 30. ARP-DMS-03**
- i. 11 nos. 33/11kV New S/s at AP Secretariate, Doimukh, Gohpur Tinali, Jote, Klimtao (Bumla), Leporiang, Lumla, Mukta, Pappu Nallah, Raj Bhawan, Thimbu
 - ii. 33kV Bay addition at existing Bameng S/s & 33kV existing Khuppi S/s
 - iii. 33kV line from Existing 132/33kV Chimpu S/S to AP Secretariate:
 - iv. 33kV line from Existing 132/33kV Chimpu S/s to Raj Bhawan: Route Survey including Pole Spotting completed on 11th Nov'16.
 - v. 33kV line from Existing 132/33kV Chimpu S/s to Gohpur Tinali:
 - vi. 33kV line from Proposed 33/11kV Jote S/s to Gohpur Tinali:
 - vii. 33kV line from Proposed 132/33kV Naharlagun S/s to Pappu Nallah:
 - viii. 33kV line from Proposed 132/33kV Naharlagun S/s to Doimukh:
 - ix. 33kV line from Existing 33/11kV Sagalee S/s to Leporiang: Survey verified by PGCIL, Nirjuli. Profile to be submitted.
 - x. 33kV line from 132kV Tawang S/s (Under Construction) to Klimtao (Bumla)
 - xi. 33kV line from Existing 33/11kV Jang S/s to Mukta
 - xii. 33kV line from Existing 33/11kV Jang S/s to Thimbu
- 31. ARP-DMS-04**
- i. 11 nos. 33/11kV New S/s at Changlang, Khonsa, Kanubari, Kharsang, Khimiyong, Longding, Manmao, Diyun, Choukham, Deomali, Namsai
 - ii. 33kV Bay addition 220/132/33kV existing Deomali S/s
 - iii. 33kV line from Proposed 132/33kV Miao S/s to Diyun (15 kms)
 - iv. 33kV line from 132/33kV Namsai S/s of POWERGRID to Diyun (30 kms)
 - v. 33kV line from Proposed 132/33kV Miao S/s to Kharsang (40 kms)
 - vi. 33kV line from Proposed 132/33kV Changlang S/s to Khimiyong (40 kms)
 - vii. 33kV line from Proposed 132/33kV Jairam Pur S/s to Manmao (25 kms)
 - viii. 33kV line from 132/33kV Namsai S/s of POWERGRID-Choukham (25 kms)
 - ix. 33kV line from 132/33kV Namsai S/s of POWERGRID to Namsai (10 kms)
 - x. 33kV line from Existing 220/132/33kV Deomali S/s to Kanubari (50 kms)

- xi. 33kV line from Proposed 132/33kV Khonsa S/s to Longding (45 kms)
- 32. ARP-DMS-5A:**
 - i. 08 nos. 33/11kV New S/s at Giba, Maro, Murimugli, Nacho, Nyapin, Sippi, Tali, Thalia
 - ii. 33kV Bay addition at Sangram S/s
 - iii. 08 nos. 33kV lines (273 kms)
- 33. ARP-DMS-5B:**
 - i. 9 nos. 33/11kV New S/s at Boleng, Geku, Jengging, Kaying, Koreng, Maryang, Mechuka, Rumgong, Tuting
 - ii. 33kV Bay addition Goku & Along S/s
 - iii. 09 nos. 33kV lines (192 kms)
- 34. ARP-DMS-5C:**
 - i. 07 nos. 33/11kV New S/s at Anini, Bijari, Bolung, Etalin, Halaipani, Hawaii, Wallong
 - ii. 33kV Bay addition at Simari, Wakro, Roing, Tezu, Hayuliang S/s.
 - iii. 08 nos. 33kV lines (205 kms)
- 35. TW-31**
 - i. 132kV S/C line on D/C tower Khupi-Bomdila
 - ii. 132kV S/C line on D/C tower Bomdila-Tawang
 - iii. 132kV S/C line Bomdila-Kalakthang (new element)
 - iv. 132/33kV, 4x10 MVA substation at Bomdila
 - v. 132/33kV, 4x10 MVA substation at Tawang
 - vi. 132/33kV, 4x5 MVA substation at Kalaktang
 - vii. 132kV Bay extension at Khupi S/S
- 36. Pile foundation pkg.:** Naharlagun-Banderdewa TL
- 37. TW27-M/C package:**

Multi circuit portion of 6 km for following lines:

 - i. 132kV S/C on D/C Naharlagun-Banderdewa
 - ii. 132kV S/C on D/C Naharlagun-Gerukamukh
 - iii. 132kV S/C on D/C Naharlagun-Sagali

SIKKIM

- 1. SIKKIM TK-01**
 - i. 220kV D/C Rangpo (Samardong)-Dikchu Pool
 - ii. 220kV D/C Rangpo-Samardong) Transmission Line
 - iii. 220kV D/C New Melli-Legship Pool Transmission Line
- 2. SIKKIM TK-02**
 - i. 132kV D/C Dikchu-Perbing TL
 - ii. 66kV S/C Khamdong-Temi TL
 - iii. 66kV D/C Dikchu pool-Makha TL
 - iv. 66kV S/C Khamdong-Makha TL
 - v. 66kV S/C Samardong-Namthong TL
 - vi. 66kV S/C Samardong-Mamring TL
 - vii. 66kV D/C Samardong-Kumrek TL
 - viii. 66kV D/C Kumrek-Rorathang TL
 - ix. 66kV D/C Rorathang-LiLo point on Pakyong-Rongli Line

- x. 66kV S/C Perbing-Sichey TL
- xi. 66kV S/C Perbing-Tadong TL
- xii. 66kV D/C Perbing-Pangthang TL 220 kV D/C Rangpo (Samardong)-Dikchu Pool

3. SIKKIM TK-04

- i. 220kV D/C Dikchu-Singhik TL
- ii. 220kV D/C Singhik-Chungthang TL
- iii. 66kV S/C Singhik-Passingdong TL
- iv. 66kV S/C Singhik-Mangan TL
- v. 66kV D/C Chungthang-Lachen TL
- vi. 66kV D/C Chungthang-LILO point on Rabon-Malting line

4. SIKKIM SS-01

- i. 132/66/11kV Dikchu Pool (New) S/s
- ii. 220/132kV Legship pool (New) S/s
- iii. 66/11kV Makha(New) S/s
- iv. 66/11kV Temi (New) S/s
- v. 66/11kV Khamdong (New) S/s
- vi. 66/11kV Kumrek (New) S/s
- vii. 66/11kV Namthang (New) S/s
- viii. 66/11kV Rorathang (New) S/s
- ix. 66/11 kV Mamring (Extn) S/s

5. SIKKIM SIK-SS03

- i. 132/66/11kV Chungthang (New) S/s
- ii. 132/66/11kV Singhik (New) S/s
- iii. 66/33kV Lachen (New) S/s
- iv. 66/11kV Passingdong (New) S/s
- v. 66/11kV Mangan S/s Extn.
- vi. 66/11kV Old Namchi S/s Extn.

6. SIKKIM SS-04

- i. 132/66/11kV Samardong(New) GIS S/s
- ii. 132/66kV Perbing GIS (New) S/s
- iii. 132kV Rangpo (PG) GIS (Extn.) S/s

7. SIKKIM-SS06

- i. 66/11kV Richenpong (New) S/s
- ii. LILO of 132kV S/C Rangit-Melli line at Legship Pool (2 kms)
- iii. Termination of Sagbari-Gayzing 132kV S/C line at Legship Pool so as to form Legship pool-Gayzing 132kV S/C line (2 kms)
- iv. 66kV D/C Rinchenpong-LILO point on existing Namchi-Gayzing line (2 kms)

8. SIKKIM SS-07

- i. 66/11kV Rellichu (New) S/s
- ii. 66/11kV Sombaria (New) S/s
- iii. 66/11kV Rothak (Extn.) S/s
- iv. 66/11kV Pelling (Extn.) S/s
- v. 66 kV S/C Pelling-Rellichu TL (25 km)
- vi. LILO of 66kV S/C Rothak-Sombaria TL (2 km)
- vii. OPGW installation (25 km)

9. SIKKIM-SS08

- i. 66/11kV Pangthang (New) S/s
- ii. 66/11kV Sichey S/s Extn.
- iii. 66/11kV Tadong S/s Extn.

10. Substation Package SIK-SS09

- i. 132/66kV Namchi (New) S/s
- ii. 66/11kV New Namchi S/s Extn
- iii. 66kV Old Namchi S/s Extn.
- iv. LILO of 132kV S/C Rangit-Melli (Power deptt. Sikkim) at Namchi (7 kms)
- v. 66kV S/C Namchi-Old Namchi TL (3 kms)
- vi. 66kV S/C Namchi-New Namchi TL (5 kms)

State wise 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:

1. **220kV D/C line Samardong-Dikchu twin moose conductor (to be operated initially at 132kV):**

Completed in Feb'23

2. **220 kV D/C Legship pool-New Melli line Twin moose conductor:** Commissioned on 12.10.2017

3. **220 kV D/C line Rangpo (PG)-Samardong (to be operated initially at 132kV):** Completed in Feb'22

4. **132kV D/C Dikchu-Perbing line:**

Line Length (kms) : 25.48
 Tower Location (nos) : 125
 Foundation completed (nos) : 104
 Tower Erected (nos) : 100
 Stringing completed (kms) : 13.70
 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.

5. **66kV S/C Khamdong-Temi TL, 66 kV S/C Khamdong-Makha TL**

During Secy. (Power) visit to Sikkim in 1st 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.

6. 66kV D/C Makha-Temi TL

: Line completed in Mar'22

7. 66kV D/C Dikchu pool-Makha TL : Line completed in Nov'21
8. 66kV S/C Samardong-Namthang TL : Line completed in Mar'22
9. 66kV S/C Samardong-Mamring TL : Line completed in Oct'21
10. 66kV D/C Samardong-Kumrek TL : Line completed in Dec'21
11. 66kV D/C Kumrek-Rorathang TL : Line completed in Nov'21
12. 66kV D/C Rorathang-LiLo point on Pakyong-Rongli Line : Completed in Mar'21.
13. **66kV S/C Perbing-Sichey Transmission Line:** Completed in March'23
14. **66kV S/C Perbing-Tadong Transmission Line:** Completed in March'23
15. **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.
16. **220kV D/C line Singhik-Chungthang twin moose conductor (to be operated initially at 132kV)**
Line Length (kms) : 29.53
Tower Location (nos) : 123
Foundation completed (nos) : 107
Tower Erected (nos) : 106
Stringing completed (kms) : 20.34
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.
17. **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) : 125
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.
18. **66kV S/C Singhik-Passingdong Transmission Line** : Line completed in Dec'21.
19. **66kV S/C Singhik-Mangan (Extn.) Transmission Line** : Line completed in Feb'22.
20. **66kV D/C Chungthang-Lachen Transmission Line** : Line completed in Nov'22.
21. **66kV D/C Chungthang-LILO of Rabon-Malting line:** Line completed in Jan'22.
22. **66kV LILO of Gayzing-New Namchi line to Rinchenpong** : Completed in Mar'21
23. **Termination of Sagbari-Geyzing 132 kV S/C line at Legship pool so as to form Legship pool Geyzing 132kV S/C line** : Completed in Aug'21
24. **66kV S/C Rohthak-Sombaria TL** : Completed in Mar'22.

25. 66kV S/C Geyzing-Rellichu TL

Line Length (kms) : 14.5
Tower Location (nos) : 96
Foundation completed (nos) : 72
Tower Erected (nos) : 37
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

26. LILO of 132kV S/C Rangit-Melli (Power Deptt., Sikkim) at Namchi

Line Length (kms) : 2.3
Tower Location (nos) : 15
Foundation completed (nos) : 12
Tower Erected (nos) : 5
Stringing completed (kms) : 0.35
Anticipated date of completion : July'23

Constraint if any: Tree cutting under progress.

27. 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.

28. 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.

29. LILO of 132kV S/C existing Rangit-Melli terminated at Legship pool: Completed in Nov'21

Sub-station

1. 220/132/66kV Legship Pool (New) S/s

Land acquisition : Handed over
Civil work (%) : 67
Equipment received (%) : 90
Equipment erected (%) : 64
Anticipated date of completion : May'23

Constraint if any:

2. 132/66/11kV Dikchu pool (new) S/s

Land acquisition : Handed over
Civil work (%) : 66

Equipment received (%) : 80
 Equipment erected (%) : 46
 Anticipated date of completion : May'23
Constraint if any:

3. 66/11kV Temi (New) S/s: Completed in Jan'23

4. 66/11kV Khamdong (New) S/s

Land acquisition : Handed Over

Constraint if any: During Secy. (Power) visit to Sikkim in 1st 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.

5. 66/11kV Kumrek (New) S/s: Completed in Mar'22.

6. 66/11kV Namthang (New) S/s

Land acquisition : Handed over

Civil work (%) : 43

Equipment received (%) : 85

Equipment erected (%) : 0

Anticipated date of completion : May'23

Constraint if any: Nil.

7. 66/11kV Rorathang (New) S/s: Completed in Jun'22.

8. 66/11kV Makha (New) S/s: Completed in Mar'22.

9. 66/11kV Mamring S/s Extn: Completed in Mar'21

10. 132/66/11kV Chungthang (New) S/s

Land acquisition : Handed over.

Civil work (%) : 28

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

11. 132/66/11kV Singhik (new) S/s

Land acquisition : Handed over

Civil work (%) : 72

Equipment received (%) : 70

Equipment erected (%) : 45

Anticipated date of completion : Dec'23

Constraint if any :

Remarks: Brick work under progress. Ground & 1st floor slab completed.

12. 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.

13. 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.

14. 66/11kV Mangan (Extn): Completed in Mar'21

15. 66/11kV Old Namchi (Extn): Completed in Mar'21

16. 132/66/11kV Samardong (New) S/s: Completed in Feb'23

17. 132/66kV Parbing (New) S/s

Land acquisition : Handed over in Nov'20.
 Civil work (%) : 98
 Equipment received (%) : 45
 Equipment erected (%) : 60
 Anticipated date of completion : June'23

Remarks: GIS received at site.

18. 132kV Rangpo (PG) S/s Extn: Completed in Mar'22.

19. 66/11kV Rinchenpong (New) S/s: Completed in Mar'22.

20. 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.

21. 66/11kV Rellichu (New) S/s

Land acquisition : Handed over
 Civil work (%) : 12
 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.

22. 66/11kV Rohthak S/s Extn: Completed in Mar'22.

23. 66/11kV Geyzig S/s Extn: Completed in Mar'22.

24. 66/11kV Pangthang (New) S/s: Completed in Mar'21

25. 66/11kV Sichey S/s Extn: Completed in Mar'21

26. 66/11kV Tadong S/s Extn: Completed in Mar'21

27. 132/66kV Namchi (New) S/s

Land acquisition	:	Handed over
Civil work (%)	:	72
Equipment received (%)	:	60
Equipment erected (%)	:	37
Anticipated date of completion	:	Dec'23
Constraint if any	:	

Remarks: Cable trench, tower and equipment foundation work is under progress.

- | | | |
|-----|------------------------------|---------------------|
| 28. | 66/11kV New Namchi S/s Extn: | Completed in Mar'21 |
| 29. | 220kV New Melli Bay Ext: | Completed in Jan'21 |

Arunachal Pradesh

Total no. of Packages: 37

No. of Awarded Packages: 37,

S. N	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 package : awarded
3.	8 (DMS-01A, DMS-01B, DMS-02 to DMS-04, DMS-5A,B,C)	Distribution system	5 packages: Awarded 3 packages: Awarded

Transmission line (EHV)

1. Likabali – Niglok 132 kV S/c line on D/c tower

Line Length (km) : 66.05
 Tower Location (nos.) : 223
 Foundation completed (nos.) : 121
 Tower Erected (nos.) : 73
 Stringing completed (km) : 4.034
 Anticipated date of completion : Jun'23
 Forest Status : Stage-II forest clearance granted on 12.11.2021
 Constraint, if any :

- ROW in RF locations Lower Siang and East Siang District

2. Pasighat Old – Mariyang 132 kV S/c line on D/c tower

Line Length (km) : 48.25
 Tower Location (nos.) : 186
 Foundation completed (nos.) : 9
 Tower Erected (nos.) : 4
 Stringing completed (km) :
 Anticipated date of completion : Sep' 23
 Forest Status : Stage II forest clearance granted on 12.12.2022

Constraint, if any:

- Compensation paid by PGCIL in Sep '22. Disbursement to be expedited

In Upper Siang district for 138 nos. of Locations

3. Niglok - Pasighat New (Napit) 132 kV S/c line on D/c tower

Completed in Sept' 2022

4. Pasighat New (Napit) - Pasighat Old 132 kV S/c line on D/c tower

Line Length (km) : 13.12
Tower Location (nos.) : 46
Foundation completed (nos.) : 44
Tower Erected (nos.) : 40
Stringing completed (km) :
Anticipated date of completion : Sep'23

Forest Status: Stage II Forest clearance obtained on 20.04.2021.

Constraint, if any

- 5 nos. of locations pending for Disbursement out of 46 in East Siang District. ROW in 16/0 and 19/0 locations

5. Seppa-Rilo 132 kV S/c line on D/c tower

Line Length (km) : 45.830
Tower Location (nos.) : 172
Foundation Completed (nos.) : 34
Tower Erected (nos.) : 17
Stringing completed (km) :
Anticipated date of completion : June' 23

Forest Status: Stage-II issued on 15.09.21

Constraint, if any:

- 12 nos. Locations are under RoW under East Kameng as concerned persons are not accepting compensation. In addition to this, another 13 nos. Towers at Rilo end in 132kV Rilo – Seppa T/Line & 132kV Rilo – Seijosa T/Line due to limited corridor
- Disbursement pending for 38 nos. of locations out of 62 in **East Kameng District**
- Assessment completed. Notification to be provided after which only Demand Note to be issued. in **Pakke-Kesang District**

6. Rilo – Seijosa 132 kV S/c line on D/c tower-

Line Length (km) : 44.33
Tower Location (nos.) : 164
Foundation Completed (nos.) : 63
Tower Erected (nos.) : 09
Stringing completed (km) :
Anticipated date of completion : June'23
Forest Status : Stage-II issued on 21.01.22.

Constraint if any:

- ROW in Tower foundation (AP-127,AP-138, AP80-89)
- RoW issue at Pakke Kesang District.

7. Sagali-Naharlagun 132 kV 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 : June'23
Forest Status : Stage-II issued on 09.02.22
 Constraint, if any :

- Papumpare Distt: Assessment Committee Formed. Assessment will be start from 13.03.2023

8. Naharlagun – Banderdewa 132 kV S/c line on D/c tower

Line Length (km) : 16.75
 Tower Location (nos.) : 85
 Foundation completed (nos.): 13
 Tower Erected (nos.) : 08
 Stringing completed (km) :
 Anticipated date of completion : June'23
Forest Status : Stage-II issued on 24.12.21
 Constraint, if any :

- 08 nos. of locations pending for disbursement out of 42 in Papumpare district
- 3 Locations (12/0, 39/0, 7/0) under ROW

9. Chimpu (Itanagar)- Holongi 132 kV S/c line on D/c tower

Line Length (km) : 14.7
 Tower Location (nos.) : 57
 Foundation completed (nos.) : 55
 Tower Erected (nos.) : 53
 Stringing completed (km) : 11.08
 Anticipated date of completion: Apr' 23
Forest Status : Stage-II issued on 24.06.20.
 Constraint, if any :

- Position holder not allowing for foundation in Location no. AP54/0
- Erection of: Position holder not allowing for erection in locations no. AP32/0, AP31/0 & AP36/0, Writ petition lodged by position holder for payment of compensation. No resolution is given by DC, Yupia
- Stringing of AP56/0 to AP57/0: Position holder not allowing stringing. Demanding compensation.

10. Rilo-Sagali 132 kV S/c line on D/c tower

Line Length (km) : 33
 Tower Location (nos.) : 142
 Foundation completed (nos.) : 24
 Tower Erected (nos.) : 08
 Stringing completed (km) :
 Anticipated date of completion: Aug'23
Forest Status : Stage-II issued on 31.08.21

Constraint, if any

- Stiff Resistance in RF area in Pakke-Kesang Dist.

11. Gerukamukh – Likabali 132 kV S/c line on D/c tower –

Line Length (km) : 52.274
Tower Location (nos.) : 178
Foundation Completed (nos.) : 85
Tower Erected (nos.) : 57
Stringing completed (km) : 2
Anticipated date of completion : Aug'23
Forest Status : Stage -II clearance received on 15.09.21
Constraint, if any :

- 19 Locations (UNDER Tali Rilo near NHPC Gerukhamukh) are under dispute as clarity is not there whether these Locations are under Assam or Arunachal Pradesh. Same has been taken with the Forest Dept. for resolution. Out of these 19 locations, foundation has been completed in 2 locations. :

12. Naharlagun – Gerukamukh 132 kV S/c line on D/c tower

Line Length (km) : 90.58
Tower Location (nos.) : 284
Foundation completed (nos.) : 0
Tower Erected (nos.) : 0
Stringing completed (km) :
Anticipated date of completion : Dec' 23
Forest Status : Stage-II issued on 20.07.22.
Constraint, if any:

- District administration has informed that out of 20km, 10km route needs to be diverted. Route approval for the same has been submitted to DoPAP for approval. Subsequent to route approval & forest clearance, assessment shall be taken up with concerned DC.
- ROW issue in RF in kamle district.

13. Jairampur – Miao 132 kV S/c line

Detailed survey & Soil testing completed.
Line Length (km) : 34.301 KM
Tower Location (nos.) : 121
Foundation completed (nos.) : 14
Tower Erected (nos.) : 0
Stringing completed (km) : 0
Anticipated date of completion : Dec'23
Forest Status : Stage-II issued on 31.03.21.
Constraint, if any: Line is passing through RF facing severe ROW from dwellers.

14. Tawang – Lumla 132 kV S/c line

Line Length (km) : 26.90
Tower Location (nos.) : 99
Foundation completed (nos.) : 0
Tower Erected (nos.) : 0

Stringing completed (km) : 0
 Anticipated date of completion : Dec'23
Forest Status : Stage-II issued on 14.11.2022
 Constraint, if any:

- Assessment Completed for 35 Locs. Demand Note awaited from SPIU,DOPAP. Notification for inviting claim and objection is awaited from DOPAP.

15. Khuppi-Seppa 132 kV S/c line

Line Length (km) : 48.872
 Tower Location (nos.) : 147
 Foundation completed (nos.) : 63
 Tower Erected (nos.) : 35
 Stringing completed (km) : 0
 Anticipated date of completion : Jun'23
Forest Status : Stage II forest clearance granted on 11.07.2022
 Constraint if any :

- Payment deposited to DC, East Kameng for USF area. Disbursement made for 51 locations. Approx. 39 Locs. pending
- Compensation Amount paid in Dec' 22. Disbursement pending Issue with forest dept. For cutting /felling of forest trees in line corridor in DFO Seppa & DFO Khupi.

16. Seppa- Bameng 132 kV S/c line

Line Length (km) : 29.337
 Tower Location (nos.) : 118
 Foundation completed (nos.) : 47
 Tower Erected (nos.) : 31
 Stringing completed (km.) :
 Anticipated date of completion : Aug'23
Forest Status: Stage-II issued on 20.09.21
 Constraint, if any :

- Total amount of compensation for 118Nos Locs deposited. Disbursement made for 51 locations. Disbursement pending for 67 Locs.

17. Deomali – Khonsa 132 kV S/c line

Line Length (km) : 29.528
 Tower Location (nos.) : 88
 Foundation completed (nos.) : 58
 Tower Erected (nos.) : 24
 Stringing completed (km) : 0
 Anticipated date of completion: Dec'2023
Forest Status: Stage-II issued on 12.01.2022
 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.

18. Khonsa – Changlang 132 kV S/c line

Line Length (km) : 24.98. (Detailed survey Completed)

Tower Location (nos.) : 155
 Foundation completed (nos.) : 0
 Tower Erected (nos.) : 0
 Stringing completed (km) : 0
 Anticipated date of completion : Dec'23
Forest Status : Stage I Clearance received on
 23.01.2023. Working permission awaited.

19. Khonsa – Longding 132 kV S/c line on D/c tower.

Line Length (km) : 25.231(Actual length)
 Tower Location (nos.) : 86
 Foundation completed (nos.) : 0
 Tower Erected (nos.) : 0
 Stringing completed (km) : 0
 Anticipated date of completion: Dec'23
Forest Status : Forest clearance awaited.
 Constraint if any:

20. Miao - Namsai (PG) 132 kV S/c line on D/c tower

Line Length (km) : 41.045 KM
 Tower Location (nos.) : 136
 Foundation completed (nos.): 31
 Tower Erected (nos.) : 19
 Stringing completed (km) : 0
 Anticipated date of completion: Dec'23
Forest Status : - Stage -II awaited.

21. Changlang – Jairampur 132 kV S/c line

Line Length (km) : 50.5 KM
 Tower Location (nos.) : 205
 Foundation completed (nos.) : 0
 Tower Erected (nos.) : 0
 Stringing completed (km.) : 0
 Anticipated date of completion: Dec'23
Forest Status : Stage I clearance awaited.

22. 132 kV D/C Ziro (PG) - Ziro (New) Line

Line Length (km) : 12.24
 Tower Location (nos.) : 42
 Foundation completed (nos.) : 16
 Tower Erected (nos.) : 08
 Stringing completed (km) : 0
 Anticipated date of completion : Dec'23

Forest Status : Working permission issued on 30.06.22. Stage II
 awaited

Constraint if any:

- Stage II awaited. Compliance forwarded to RMoEFCC on 27.09.22. 7 out of 42 disbursement pending due to ROW

23. LILO of 132 kV Daporijo - Along line at Basar

Completed in March'22

Remarks: All works completed in March'2022 and successfully charge in 31 Jan'2023

24. Ziro (PG) – Palin 132 kV S/c line on D/c tower

Line Length (km) : 37.43

Tower Location (nos.) : 120

Foundation completed (nos.) :

Tower Erected (nos.) :

Stringing completed (km) :

Anticipated date of completion: May'24

Forest Status : Forest proposal Stage-I awaited

Constraint if any:

25. Palin – Koloriang 132 kV S/c line on D/c tower

Line Length (km) : 33.878

Tower Location (nos.) : 105

Foundation completed (nos.) :

Tower Erected (nos.) :

Stringing completed (km) :

Anticipated date of completion: May'24

Forest Status: Stage-I clearance is awaiting.

Constraint if any : Notification for Inviting claims and objections from land owners u/s 164 of EA 2003.

26. Daporijo – Nacho 132 kV S/c line on D/c tower

Line Length (km) : 70.093

Tower Location (nos.) : 167

Foundation Completed (nos.):

Tower Erected (nos.) :

Stringing completed (km) :

Anticipated date of completion: May'24

Forest Status : Stage-I awaited.

Constraint if any : Notification for Inviting claims and objections from land owners u/s 164 of EA 2003.

27. Tezu (PG)–Halaipani 132kV S/c line on D/c tower

Line Length (km) : 95.5 km

Tower Location (nos.) : 316

Foundation completed (nos.) :

Tower Erected (nos.) :

Anticipated date of completion: May'23

Forest Status : Stage-I awaited.

Constraint if any :

28. Roing (PG)–Dambuk 132kV S/c line on D/c tower

Line Length (km) : 33.9

Tower Location (nos.) : 103
 Foundation completed (nos.) : 25
 Tower Erected (nos.) : 17
 Stringing completed (km.) :
 Anticipated date of completion: May'23

Forest Status: Stage- I clearance is awaited.

Constraint, if any: Notification for Inviting claims and objections from land owners u/s 164 of EA 2003.

29. Roing (PG) – Anini 132 kV S/c line on D/c tower

Line Length (km) : 78
 Tower Location (nos.) :
 Foundation completed (nos.):
 Tower Erected (nos.) :
 Stringing completed (km) :
 Anticipated date of completion : Dec'23

Forest Status: Stage- I clearance is awaited

Constraint, if any:

- Forest proposal Stage-I clearance is awaited. File under process at PCCF.
Route Alignment yet to be approved by DOP..

30. Along – Kambang 132 kV S/c line on D/c tower

Line Length (km) : 35.36KM
 Tower Location (nos.) : 116
 Foundation completed (nos.) : 27
 Tower Erected (nos.) :
 Stringing completed (km) :
 Anticipated date of completion: Aug'23

Forest Status: Stage- I clearance is awaited

Remarks:

Constraint, if any :

- Forest clearance awaited. File under process RO, Guwahati on 28.10.22.
- Notification for Inviting claims and objections from land owners u/s 164 of EA 2003.

31. 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: Notification for Inviting claims and objections from land owners u/s 164 of EA 2003.

32. Along – Yingkiong 132 kV S/c line on D/c tower

Line Length (km) : 95
 Tower Location (nos.) : 311
 Foundation completed (nos.) : 20
 Tower Erected (nos.) :
 Stringing completed (km) :
 Anticipated date of completion : Sep'23
Forest Status: Stage-I clearance is awaited
 Constraint, if any :

- Notification for Inviting claims and objections from land owners u/s 164 of EA 2003.

33. Yingkiong – Tuting 132 kV S/c line on D/c tower

Line Length (km) : 78
 Tower Location (nos.) : 290
 Foundation completed (nos.) :
 Tower Erected (nos.) :
 Stringing completed (km) :
 Anticipated date of completion : Sep'23
Forest Status : Forest proposal Stage-I clearance is awaited.

Constraint, if any:

- Notification for Inviting claims and objections from land owners u/s 164 of EA 2003.

34. Khupi-Bomdila 132 kV 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 is awaited.
 Constraint, if any:

- Forest proposal Stage-I clearance is awaited.
- Notification for Inviting claims and objections from land owners u/s 164 of EA 2003.

35. Bomdila-Tawang 132 kV 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: Forest proposal Stage-I clearance is awaited
 Constraint if any:

- Notification for Inviting claims and objections from land owners u/s 164 of EA 2003.

36. 132 KV S/C line Bomdila – Kalakthang

Line Length (km) : 53.6
 Tower Location (nos.) : 219
 Foundation completed (nos.):
 Tower Erected (nos.) :
 Stringing completed (km) :
 Anticipated date of completion : May'23
Forest Status : Stage-I clearance is awaited.

Constraint if any: Stage-I clearance is awaited.

- Notification for Inviting claims and objections from land owners u/s 164 of EA 2003.

Sub-stations EHV

ARP-SS-01A

- 1. 63 MVA, 132/33 kV at Niglok**

Completed in Mar'22

- 2. 20 MVA, 132/33 kV at Pasighat New (Napit)**

Completed in Dec'2021

- 3. 15 MVA, 132/33 kV at Likabali**

Land acquisition : Handed over
 Civil work (%) : 80
 Equipment received (%) : 90
 Equipment erected (%) : 80
 Anticipated date of completion : June'23

Remarks: CRP panel erection work is in progress.

- 4. 132kV Pasighat Old (Extn):**

Completed in Mar'21

ARP-SS-01B

- 1. 4x5 MVA, 132/33 kV at Basar (New):**

Completed in Mar'22

- 2. 4x5 MVA, 132/33 kV at Ziro (New)**

Completed in Mar'22

- 3. 4x5 MVA, 132/33 kV at Gerukamukh (New)**

Completed in January 2023

- 4. 132/33kV Ziro (PG) Extn:**

Completed in Mar'22

ARP-SS-02

- 1. 4x5 MVA, 132/33 kV at Seppa**

Completed in Mar'21

2. 4x5 MVA, 132/33 kV at Rilo

Completed in Mar'21

3. 4x5 MVA, 132/33 kV at Seijosa

Completed in Feb' 2023

4. 3x5 MVA, 132/33 kV at Bameng

Land acquisition : Handed over

Civil work (%) : 25

Equipment received (%) : 60

Equipment erected (%) :

Anticipated date of completion : Aug'23

Remarks: Control Room Building (CRB) - 20%, Towers & Equipment Foundation- 5 nos.

Constraint if any :

5. 132kV Khupi (Extn):

Commissioned in July'19

ARP-SS-03

1. 4x5 MVA, 132/33 kV at Sagali

Completed in Nov'22

2. 63 MVA, 132/33 kV at Naharlagun

Completed in Dec'21

3. 63 MVA, 132/33 kV at Banderdewa

Completed in Dec'21

4. 20 MVA, 132/33 kV at Holongi

Completed in Mar'21

5. 132kV Chimpu (Itanagar) Extn.

Completed in Dec'20

ARP-SS-04

1. 15 MVA, 132/33 kV at Khonsa

Land acquisition : Handed over

Civil work (%) : 80

Equipment received (%) : 95

Equipment erected (%) : 85

Anticipated date of completion: May'23

Remarks:. FFPH - 75/100%, Towers & Equipment Foundation- 101/122

2. 15 MVA, 132/33 kV at Changlang

Completed in Feb'2023

3. 15 MVA, 132/33 kV at Jairampur

Completed in Mar'21

4. 15 MVA, 132/33 kV at Miao

Completed in Mar'21

5. 132kV Deomali (Extn.)

Completed on June'21

6. 132kV Namsai (PG) Extn.

Completed in Mar'20

ARP-TW-31

1. 132/33kV at Bomdila.

Land acquisition : Handed over

Civil work (%) : 40%

Equipment received (%) : 15%

Equipment erected (%) :

Anticipated date of completion: May 2023

Remarks:

2. 132/33kV at Kalakthang.

Land acquisition : Handed over

Civil work (%) : 24%

Equipment received (%) :

Equipment erected (%) :

Anticipated date of completion: Aug'2023

Remarks: CRB Sheltering work in progress, 4 transformer base foundation completed.

3. 132/33kV at Tawang

Land acquisition : Handed over

Civil work (%) : 8

Equipment received (%) : 2

Equipment erected (%) :

Anticipated date of completion: Sep' 2023

Remarks: Work stopped due to Extreme snowfall.

4. 132/33kV Khupi Extension :

Land acquisition : Existing SS of NEEPCO

Civil work (%) : Completed

Equipment received (%) : 60

Equipment erected (%) :

Anticipated date of completion: Jun'2023

Remarks:

5. 132kV Bay Extn at Dukumpani

Remarks: Successfully charged on 21.10.2022

ARP-SS-05

1. 132/33kV at Dambuk.

Land acquisition : Handed over

Civil work (%) : 20

Equipment received (%) : 70

Equipment erected (%) :

Anticipated date of completion: Mar'2024

Remarks: Tower foundation and CRB foundation work in progress.

Constraint if any :

2. 132/33kV at Kambang

Land acquisition : **Handed over**

Civil work (%) : 55

Equipment received (%) : 90

Equipment erected (%) : 70

Anticipated date of completion: Mar'2024

Remarks: Control Room Building (CRB) -70%, FFPH - 50% completed. Tower and Equipment foundation 100% completed.

3. 132/33kV at Yingkiong.

Land acquisition : **Handed over**

Civil work (%) : 74

Equipment received (%) : 80

Equipment erected (%): 5

Anticipated date of completion: Mar'2024

Remarks:

4. 132/33kV at Koloriang.

Land acquisition : **Handed over**

Civil work (%) : 35%

Equipment received (%) : 90

Equipment erected (%): 0

Anticipated date of completion: Mar'2024

Remarks: Control Room Building (CRB) -10%, Tower foundation work in progress.

5. 132/33kV at Palin.

Land acquisition : Handed over

Civil work (%) : 70

Equipment received (%) : 95

Equipment erected (%) : 10

Anticipated date of completion: Mar'2024

Remarks: Site Leveling is 90% completed. CRB work is in progress. Equipment erection work is in progress.

6. 132/33kV at Halaipani.

Land acquisition : Handed over

Civil work (%) : 15

Equipment received (%) : 90

Equipment erected (%) : 0

Anticipated date of completion: Mar'2024

Remarks: Tower foundation completed. Excavation of Iso and CB foundation under progress.

7. 132kV Tezu (Extn).

Land acquisition : NA

Civil work (%) : 90

Equipment received (%) : 60

Equipment erected (%) :

Anticipated date of completion: Mar '2024

Remarks: Equipment Erection work and Cable trench work is in progress. Tower and equipment foundation work completed.

8. 132kV Roing (Extn).

Land acquisition : NA

Civil work (%) : 70

Equipment received (%) : 70

Equipment erected (%) :

Anticipated date of completion: Mar'2024

Remarks: Equipment foundation work and earth mat laying is in progress.

9. 132kV Along (Extn).

Land acquisition : Handed over

Civil work (%) : 45

Equipment received (%) :

Equipment erected (%) :

Anticipated date of completion: Mar'2024

Remarks: Tower Foundation and CRB work is in progress.

10. Augmentation 15 MVA, 132/33 kV at Daporijo**

Land acquisition : NA

Civil work (%) :

Equipment received (%) : 80

Equipment erected (%) :

Anticipated date of completion : Mar'2024

Remarks:

DMS Substation & Lines

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.

1. 2x2.5MVA, 33/11 kV New substation at Balemu

Completed in March'2022

2. 2x2.5MVA, 33/11 kV New substation at Bana

Land acquisition : Handed over

Civil work (%) : 10

Equipment received (%) :

Equipment erected (%) :

Anticipated date of completion : Aug' 2023

Remarks: CRB slab completed and S/Y transformer fdn 95% completed.

Constrains if any:

Original LOA awarded to M/s Technofab Sep 2016

LOA terminated and re-awarded to M/s TPL on 15th Jan 2021

3. 2x2.5MVA, 33/11 kV New substation at Khenewa

Land acquisition : Handed over

Civil work (%) : 38

Equipment received (%) : 60

Equipment erected (%) : 30

Anticipated date of completion : June' 2023

Remarks: Indoor Cable Trench & B/W under progress

Constrains if any:

Original LOA awarded to M/s Technofab Sep 2016

LOA terminated and re-awarded to M/s TPL on 15th Jan 2021

4. 2x2.5MVA, 33/11 kV New substation at Pipu

Land acquisition : Handed over

Civil work (%) : 15

Equipment received (%) :

Equipment erected (%) :

Anticipated date of completion : Aug' 2023

Remarks: CRB, Switchyard work in progress.

Constrains if any:

Original LOA awarded to M/s Technofab Sep 2016

LOA terminated and re-awarded to M/s TPL on 15th Jan 2021

5. 2x2.5MVA, 33/11 kV New substation at Rilo

Completed in Dec'22

6. 2x2.5MVA, 33/11 kV New substation at Seijosa

Completed in Feb'2023

7. 2x2.5MVA, 33/11 kV New substation at Thriziono

Land acquisition : Handed over
Civil work (%) : 55
Equipment received (%) : 10
Equipment erected (%) :
Anticipated date of completion : Aug' 2023

Remarks: CRB foundation Casting and equipment foundation WIP.

Constrains if any:

Original LOA awarded to M/s Technofab Sep 2016

LOA terminated and re-awarded to M/s TPL on 15th Jan 2021

8. Extn. of Existing 33/11 kV Bameng S/S

Completed in Mar'22

9. Extn. of Existing 33/11kV Khupi S/S

Complete in March 2020.

DMS-02 Lines – Total- 6 lines (148.79 kms)

Line Length (kms) : 148.763 km
Pole Location (nos) : 4870
Pole Erected (nos) : 2100
Stringing completed (kms) : 4.1
Anticipated date of completion: Mar' 2023

Remarks: Route Survey - completed. Pole foundation & erection in progress.

Constraint if any :

Original LOA awarded to M/s Technofab Sep 2016

LOA terminated on

LOA re-placed to M/s TATA: 15th Jan 2021

ARP-DMS-03:

1. 2x2.5MVA, 33/11 kV New substation at AP Secretariat

Completed in Nov'22

2. 2x5MVA, 33/11 kV New substation at Doimukh

Successfully charged on 25.09.19

3. 2x2.5MVA, 33/11 kV New substation at GohpurTinali

Land acquisition : Handed over
Civil work (%) : 5
Equipment received (%) :
Equipment erected (%) :
Anticipated date of completion: Aug' 2023

Remarks: Land Dispute

Constrain if any:

- (i) Land Possession on 15.09.2021
- (ii) Clarity for commencement of execution of work is required from DoP.

4. 2x5MVA, 33/11 kV New substation at Jote

Work completed in Mar'20.

5. 33/11 kV New substation at Bumla(Y-junction)

Land acquisition : Handed over
Civil work (%) : 80
Equipment received (%) : 70
Equipment erected (%) :
Anticipated date of completion: June' 2023

Remarks: Tower & Equipment Foundation- 26 / 29, 01 no LM fdn and 02 nos pole str for Stn T/F fdn pending

Constrain if any:

- (i) Limiting working window in Tawang Area
- (ii) Land Possession on 25.06.2018

6. 2x2.5MVA, 33/11 kV New substation at Leporiang

Completed in Mar'21

7. 2x2.5MVA, 33/11 kV New substation at Lumla

Land acquisition : Handed over
Civil work (%) :
Equipment received (%) :
Equipment erected (%) :
Remarks : Waiting for Soil Test report and drawing approval.
Constrain if any: Land Possession on 10.11.2022

8. 2x2.5MVA, 33/11 kV New substation at Mukta

Land acquisition : Handed over
Civil work (%) : 40
Equipment received (%) : 70
Equipment erected (%) :
Anticipated date of completion : Aug' 2023

Remarks: RRM wall, CRB and cable trench work in progress.

Constrain if any:

- (i) Limiting workig window in Tawang Area
- (ii) Land Possession on 30.09.2017

9. 2x5MVA, 33/11 kV New substation at Pappu Nallah

Completed in Feb'2023

**10.2x5MVA, 33/11 kV New substation at Raj Bhawan
Completed in Dec'20**

11. 33/11 kV New substation at Thimbu

Land acquisition : Handed over
Civil work (%) : 60
Equipment received (%) : 70
Equipment erected (%): 10
Anticipated date of completion: June' 2023

Remarks: Transportation of equipment structure and tower structure has been started.

Constrain if any:

- (i) Limiting working window in Tawang Area
- (ii) Land Possession on 14.08.2019

**12. Extn. of Existing 33/11kV Chimpu S/S
Completed in Dec'20**

**13. Extn. of Existing 33/11kV Jang SS S/S
Completed in Mar'21**

ARP-DMS-03DMS Lines – Total- 10 lines (201 kms)

LOA Line Length (km) : 201
Survey line length : 118
Pole Location (nos.) : 3053
Pole Erected (nos.) : 2425
Stringing completed (km) : 74.4
Anticipated date of completion: June'23
Remarks: Pole erection work under progress.
Constraint, if any

ARP-DMS-04: As party was not performing and was referred to NCLT, the contract has been terminated. Retendered and re-awarded on Dec'20.

1. 2x5MVA, 33/11 kV New substation at Changlang

Land acquisition : Handed over
Civil work (%) : 7
Equipment received (%) : 5
Equipment erected (%) : 0
Anticipated date of completion : Dec' 2023

Remarks: 40 % site leveling and 150/287.49 mtr B/W brick work under progress

Constraint if any:

Originally co-located with 132 kV Station

Subsequently de-located and possession of new land issued in Sep 2021

2. 2x5MVA, 33/11 kV New substation at Khonsa

Land acquisition : Handed over
 Civil work (%) : 30
 Equipment received (%) : 45
 Equipment erected (%) :
 Anticipated date of completion : Aug' 2023
 Remarks: Boundary wall and Site leveling WIP
 Constraint if any:
 Original LOA awarded to M/s Technofab Aug 2016
 LOA re-awarded to M/s TPL on 14th Dec 2020
 Land possession on Sep 2021

3. 2x2.5MVA,33/11 kV New substation at Kanubari

Completed in January'2023

4. 2x2.5MVA, 33/11 kV New substation at Kharsang

Completed in December'2022

5. 2x2.5MVA, 33/11 kV New substation at Khimiyong

Land acquisition : Handed over

Civil work (%) : 25

Equipment received (%) :

Equipment erected (%) :

Anticipated date of completion : Aug'2023

Remarks: Site leveling & Boundary Wall - 90 % site leveling and 212/ 280 mtr
 B/W (including gate)Control Room Building (CRB) - 22 %

Constraint if any:

i. Original LOA awarded to M/s Technofab Aug 2016

ii. LOA re-awarded to M/s TPL on 14th Dec 2020

6. 2x2.5MVA, 33/11 kV New substation at Longding

Completed in November 2022

7. 2x2.5MVA, 33/11 kV New substation at Manmao

Completed in December 2022.

8. 33/11 kV New substation at Diyun

Land acquisition : Handover

Civil work (%) : 5%.

Equipment received (%) : 50%

Equipment erected (%) :

Anticipated date of completion : Sep'2023

Remarks: - CRB Stone piling works under progress

Constraint if any :

(i) Original LOA awarded to M/s Technofab Aug 2016

LOA re-awarded to M/s TPL on 14th Dec 2020

(ii) Land possession on Sep 2021

9. 2x5MVA, 33/11 kV New substation at Choukham

Completed in March'2022

10. 33/11 kV New substation at Deomali

Completed in October'2022

Constraint if any: The matter regarding construction of a complete new 132kV Bay at Deomali with all equipment there for Khonsa 132kV feeder to be put and deliberated in next PSC meeting.

11. 33/11 kV New substation at Namsai

Completed in March'2022

Constraint if any: The matter regarding requirement of Namsai(PG) to Diyun line and associated additional bay at Namsai powergrid station to be put up and deliberated in next PSC meeting .

12. 33kV Miao (Augmentation)

Completed in Mar'21

13. Extn. of Existing 33/11kV Deomali S/S

Completed in March'2022

DMS-04 Lines – Total- 09 lines

Line Length (kms)	:	270.3Km
Pole Location (nos)	:	6683
Pole Erected (nos)	:	1768
Stringing completed (kms)	:	21.53
Anticipated date of completion:		June'2023
Remarks: Pole Erection work under process.		
Constraint if any:		
Original LOA awarded to M/s Technofab Aug 2016		
LOA re-awarded to M/s TPL on 14th Dec 2020		

ARP-DMS-1A:

1. 33/11 kV New substation at AIR, Passighat

Completed in March'2022

2. 2x2.5MVA, 33/11 kV New substation at Jeying

Completed in March'2022

Constraint If any: **Approach road to be acquired.**

3. 2x2.5MVA, 33/11 kV New substation at Likabali

Completed in Mar'20

4. 2x5MVA, 33/11 kV New substation at Mebo

Completed in Mar'21

5. **2x5MVA, 33/11 kV New substation at Napit**
Completed in Mar'20
6. **2x2.5MVA, 33/11 kV New substation at Nari**
Completed in Oct'21
7. **2x2.5MVA, 33/11 kV New substation at Ngopok**
Completed in Jan'21
8. **2x2.5MVA, 33/11 kV New substation at Oyan**
Completed in Jan'21
9. **2x2.5MVA, 33/11 kV New substation at Ruksin**
Completed in Feb'21
10. **Extn. of existing 33/11kV Old Passighat S/s.**
Completed in Feb'21

ARP-DMS-1A DMS Lines – Total- 09 lines (183 kms)

LOA Line Length (km)	:	183
Survey Line Length	:	162.8
Pole Location (nos.)	:	3393
Pole Erected (nos.)	:	3186
Stringing completed (km)	:	117.5 km
Anticipated date of completion : Apr'2023		

ARP-DMS-1B:

1. **2x2.5MVA, 33/11 kV New substation at Gensi**
Completed in Feb'2023
2. **2x2.5MVA, 33/11 kV New substation at Gerukamukh**
Completed in Jan'21
3. **2x 5 MVA, 33/11 kV New substation at Hapoli**
Successfully charge on 29 December 2021
4. **2x2.5MVA, 33/11 kV New substation at Igo**
Completed in Mar'21
5. **2x2.5MVA, 33/11 kV New substation at Koyu**
Completed in Jan'21
6. **2x2.5MVA, 33/11 kV New substation at Raga**
Completed in Mar'21

**7. 2x2.5MVA, 33/11 kV New substation at Tirbin,
Completed in Feb'21**

**8. 2x5MVA, 33/11 kV New substation at Yazali
Completed in Oct'22**

ARP-DMS-1B: DMS Lines – Total- 12 lines (414 kms)

Line Length (km)	:	372
Survey Line Length	:	310
Tower Location (nos.)	:	7393
Tower Erected (nos.)	:	6255
Stringing completed (km)	:	210.6
Anticipated date of completion:		Apr'2023

ARP-DMS-05A: Awarded Contract terminated due to poor performance. New contract likely to award by March'2023

1. 33/11 kV Giba (Dumporijo) 2 x 2.5 MVA

Land acquisition	:	Handed Over
Civil work (%)	:	5
Equipment received (%)	:	0
Equipment erected (%)	:	0
Anticipated date of Completion:		Mar' 24

Remarks: CRB Raft 3 Nos Completed

2. 33/11 kV Maro 2 x 2.5 MVA

Land acquisition	:	Handed Over
Civil work (%)	:	2
Equipment received (%)	:	0
Equipment erected (%)	:	0
Anticipated date of completion:		Mar' 24

Remarks: Site leveling completed.

3. 33/11 kV Murimugli 2 x 2.5 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.

4. 33/11 kV Nacho 2 x 2.5 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.

5. 33/11 kV Nyapin 2 x 2.5 MVA

Land acquisition : Handed Over
Civil work (%) : 0
Equipment received (%) : 0
Equipment erected (%) : 0
Anticipated date of completion: Mar' 24

Remarks: Soil investigation Completed.

6. 33/11 kV Sippi 2 x 2.5 MVA

Land acquisition : Handed Over
Civil work (%) : 3
Equipment received (%) : 0
Equipment erected (%) : 0
Anticipated date of completion: Mar' 24

Remarks: CRB work started.

7. 33/11 kV Tali 2 x 2.5 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:

8. 33/11 kV Thalia 2 x 2.5 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.

9. Bay Ext. at 33/11 kV Sangram SS

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 awarded by March'2023

1. 33/11 kV Boleng 2 x 2.5 MVA

Land acquisition : Handed Over
Civil work (%) : 10
Equipment received (%) : 0
Equipment erected (%) : 0
Anticipated date of completion : Mar' 24

Remarks: Road cutting and boundary wall u/p. Control room building foundation completed.

2. 33/11 kV Geku 2 x 2.5 MVA

Land acquisition : Handed Over
Civil work (%) : 3
Equipment received (%) : 0
Equipment erected (%) : 0
Anticipated date of completion: Mar' 24

Remarks:

3. 33/11 kV Jengging 2 x 2.5 MVA

Land acquisition : Handed Over
Civil work (%) : 3
Equipment received (%) : 0
Equipment erected (%) : 0
Anticipated date of completion: Mar' 24

Remarks:

Constraint If any:

4. 33/11 kV Kaying 2 x 2.5 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. CRB excavation in progress.

5. 33/11 kV Koreng 2 x 2.5 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. CRB excavation work completed.

6. 33/11 kV Maryang 2 x 2.5 MVA

Land acquisition : Handed Over

Civil work (%) : 0

Equipment received (%) : 0

Equipment erected (%) : 0

Anticipated date of completion: Mar' 24

Remarks:

7. 33/11 kV Mechuka 2 x 2.5 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

8. 33/11 kV Rumgong 2 x 2.5 MVA

Land acquisition : Handed Over

Civil work (%) : 2

Equipment received (%) : 0

Equipment erected (%) : 0

Anticipated date of completion: Mar' 24

Remarks: Site levelling under progress

9. 33/11 kV Tuting 2x 2.5 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:

10. 33/11 kV 33kV Existing Geku HEP SS

Land acquisition : Handed Over

Civil work (%) : 0

Equipment received (%) : 0

Equipment erected (%) : 0

Anticipated date of completion: Mar' 24

Remarks: Engineering activities under progress

11. 33/11 kV 33kV 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

1. 33/11 kV 33kV Anini s/s

Land acquisition : Handed Over
Civil work (%) : 10
Equipment received (%) : 40
Equipment erected (%) : 0
Anticipated date of completion: Mar' 24

Constraint if any:

Remarks:..Stone column pile test is under progress

2. 33/11 kV 33kV Bijari s/s

Land acquisition : Handed Over
Civil work (%) : 50
Equipment received (%) : 80
Equipment erected (%) : 20
Anticipated date of completion: Mar' 24

Constraint if any:

Remarks: Power transformer erection work in progress, Control Room Building (CRB) - Concreting upto slab completed. Slab de-shuttering work completed. Roof ceiling plastering work under progress

3. 33/11 kV 33kV Bolung s/s

Land acquisition : Handed Over
Civil work (%) : 45
Equipment received (%) : 80
Equipment erected (%) : 10
Anticipated date of completion: Mar' 24

Remarks: · Site leveling & Boundary Wall, Control Room Building (CRB), Concreting work upto slab completed. Slab Deshuttering under progress

4. 33/11 kV 33kV Etalin s/s

Land acquisition : Handed Over

Civil work (%)	:	15
Equipment received (%)	:	40
Equipment erected (%)	:	0
Anticipated date of completion:		Mar' 24
Remarks	:	

Constraint if any: Inability of approach road. Assessment is done and waiting for Demand Note

5. 33/11 kV 33kV Simari Augmentation s/s

Land acquisition	:	Handed Over
Civil work (%)	:	25
Equipment received (%)	:	50
Equipment erected (%)	:	0
Anticipated date of completion:		Mar' 24

Remarks: CRB, Indoor, Outdoor , equipment erection work is going on.

6. 33/11 kV 33kV Augmentation Roing S/s s/s

Land acquisition	:	Handed Over
Civil work (%)	:	50
Equipment received (%)	:	70
Equipment erected (%)	:	30
Anticipated date of completion :		Mar' 24

Remarks: CRB, Indoor, Outdoor , PT erection work is going on.

7. 33/11 kV 33kV Existing Simari s/s

Land acquisition	:	Handed Over
Civil work (%)	:	25
Equipment received (%)	:	50
Equipment erected (%)	:	0
Anticipated date of completion:		Mar' 24

Remarks: CRB, Indoor, Outdoor , PT erection work is going on.

8. 33/11kV Halaipali(Lautul) SS 2 x 5 MVA

Land acquisition	:	Handed over
Civil work (%)	:	10
Equipment received (%)	:	0
Equipment erected (%)	:	0
Anticipated date of Completion:		Mar' 24

Remarks: Site leveling, CRB Stone Piling work in progress 108/152

9. 33/11kV Hawaii SS 2 x 5 MVA

Land acquisition	:	Land Handed over
Civil work (%)	:	65
Equipment received (%)	:	0
Equipment erected (%)	:	0
Anticipated date of completion:		Mar' 24

Remarks: Slab casting of CRB completed. Tower foundation site leveling and PCC completed.

10. 33/11kV Wallong SS 2 x 5 MVA

Land acquisition : Land Handed over
 Civil work (%) : 3
 Equipment received (%) : 0
 Equipment erected (%) : 0
 Anticipated date of Completion: Mar' 24
 Remarks: Site leveling work is in progress

11. Cap. addition at 33kV Tezu SS

Land acquisition : NA
 Civil work (%) :
 Equipment received (%) : 0
 Equipment erected (%) : 0
 Anticipated date of Completion: Mar' 24
 Remarks: Drawing approval pending

12. Cap. addition at 33kV Wakro SS

Land acquisition : NA
 Civil work (%) :
 Equipment received (%) : 0
 Equipment erected (%) : 0
 Anticipated date of completion: Mar' 24
 Remarks: Soil Investigation report approved

13. Cap. addition at 33kV Hayuliang SS

Land acquisition : NA
 Civil work (%) :
 Equipment received (%) : 0
 Equipment erected (%) : 0
 Anticipated date of completion: Mar' 24
 Remarks: Soil Investigation report approved

DMS Lines (DMS—05C) – Total- 09 lines

LOA Line Length (km) : 242
 Survey Line Length : 197
 Pole Location (nos.) : 3284
 Pole completed (nos.) : 925
 Stringing completed (km) : 5
 Anticipated date of completion : Mar' 24
Remarks: Pole erection work is under progress

Fund position under Comprehensive Scheme in Sikkim and Arunachal Pradesh:

Sl. No.	Particulars	Amount (in Cr.)
1.	Amount received till 31 st Mar'23	Rs. 5409.84
2.	Amount spent till 31 st Mar'23	Rs. 5409.84
3.	Amount available 31 st Mar'23	-

Details Physical progress

Total Elements Sanctioned (No.)	Elements Completed till Mar'23
292 (Sikkim - 58, Arunachal - 234)	111 (Sikkim- 33 , Arunachal- 78)

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 Tenggpora (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 Wanpoh at Tailbal	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

Land Acquisition (in %) : Land handed over on 12th Feb'21

Civil Work Completed (in %) : 94 %

Equipment Received (in %) : 100 %
 Equipment Erected (in %) : 100 %
 Date of Commissioning : Substation commissioned on 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 Apr'23. Repairing of GIS shall be started from 1st 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 of Intra - State transmission works for J&K and Ladakh UT under PMDP Scheme (As on 31.03.2023)

(Fig in Cr)

S N	Details	Sanct ion Cost	Current cost	Central Share		State Share			Total			Availa ble
				Requeste d	Releas ed	Requeste d	Released	Bal	Receive d	Utilized	%	
1	Jammu & Kashmir	426.14	373.65	285.12	247.38	37.36	36.50	0.86	283.88	265.52	94%	18.36

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, 11 no. foundations laid, 04 tower erected. Casting of foundation at Gantry-1 is in process. LILO-II portion is expected completion by April 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 : April' 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 Department LILO tapping 40% 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.
Work in progress

Anticipated Date of Completion : Apr' 2023

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 %) : 96%
Equipment Received (in %) : 98%
Equipment Erected (in %) : 96%
Scheduled Date of Completion : Mar'2020
Anticipated Date of Completion : April' 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 JKPDD:

Fig are in Cr.

Jammu Region:

Scheme Cost	Expenditure (Upto Mar'23)
-------------	---------------------------

133.99	73.005 crores
--------	---------------

Kashmir Region:

Scheme Cost	Expenditure (Upto Mar'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 transportaion and storage of materials has been extended to all EPC agecnies.
- 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, 2022 (Rs. in lakhs)	Outlay for current financial year 2021-22 (Rs. in lakhs)	Expenditure during current financial year (Rs. in lakhs)	Cum-expenditure Till date (Mar'23) Rs. in lakhs)	
(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)	(12)	(13)
	<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	1179.52	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)											34/118 nos. tower foundations laid. 21/118 no. towers erected Strg. (Kms) = 0/ 37.87 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	1179.52	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	2004	990.8 Proposed revised cost= 770.36	2009-10	2010-11	N	Y					
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. 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 Stringing 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-	2004	1273.6	2008-09	2014-15	Y	Y	1273.59		0.0	1273.59	Completed.

	Udhampur to Thathar (Banihal) (80.00 Kms.)											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 cost= 5436.55	2009-10	2011-12	Y	Y	4589.12		0.0	4589.12	Commissioned Executing Agency: M/s KEC

28	Construction of 220 kV line Bays 06 Nos.	2004	1072.3	2007-08	2014-15	N	Y	672.421		0.0	672.421	Completed. 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 escalation)	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,	2004	1774.7	2009-10	2011-12	Y	Y	1751.85		0.0	1751.85	Completed.

	132/33 kV]		Proposed revised cost= 1844.04									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. Executing Agency: M/s KEC
38	Bhalessa [2x10 MVA	2004	1388.10	2009-10	2013-14	Y	Y	1374.45		0	1374.45	Completed but not commissioned.

	132/33 kV]		Proposed revised cost= 1593.429									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. Rs.9 Crore was released in Mar'21. With this fund, 11 priority links out of 76 have been commissioned in Oct'21. JKPTCL was requested on 09.11.21 for release of at least Rs 26 Cr. towards old bills, rectification and supply of balance 313 km OPGW from China (pending since May'17). Fund of Rs.10.43 Cr released on 17.03.2022. With this fund, 11 more priority links identified with JKPTCL, planned to be commissioned by June'22 .Installation team at site. 8 links out of 10 commissioned as on 28.06.2022. Balance 2 links to be commissioned by 30th June'22. Additional fund(in excess of earlier
----	--	--	--	--	--	--	--	--	--	--	--	--

												project cost) of around Rs.10.68 Crore is required for rectification & procurement i.e. OPGW, SDH, PDH, DCPS, Batteries etc. which became faulty due to non-utilization of system for longer period. Further, in line with CEA review held on 21.04.22 , Cost Estimate submitted to JKPTCL on 26.04.22 with advance copy to CEA. Issues - 1) Till now Rs. 51.21 Crore have been released. Balance fund of Rs 38.27 Crore is to be released for completion of balance work. During review meeting of MoP on 13.05.22, JKPTCL been advised to release available ₹28Cr to POWERGRID for
--	--	--	--	--	--	--	--	--	--	--	--	---

												completion of balance work. 2) Around 30 links are affected due various reasons like pending compensation, RoW, Tower damages etc which may be resolved by JKPTCL on priority. Executing Agency: PGCIL
	TOTAL		Original cost=61136.50 Revised cost=66494.10					56300.94	1442.26		62361.29	

<u>KASHMIR REGION</u>												
(A) TRANSMISSION LINES												
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, 2022 (Rs. in lakhs)	Outlay for current financial year (Rs. in lakhs)	Expenditure during current financial year (Rs. in lakhs)	Cum-expenditure Till date (Mar'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	NA	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	NA	1.12	3427.76	Out of 177 Fnds. 175 Complete & 175 Erections complete, Out of 104 CKms Stringing 100 Ckms Complete. The works are under progress and expected to be completed by July '22. 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 Revised cost=3449.88	2008-09	-	Y	Y	2537.27		5.67	2542.94	(Total towers 122, 60.6 Ckms), 109 tower foundations done, 81 towers erected. 17 Ckm stringing completed. R.O.W issues near Dangarpura. The possibility of laying 220kV Cable in strechs is being explored. Executing Agency: PDD, J&K (Foundation) Executing Agency: M/s Mirador Comm Pvt. Ltd. (Erection of towers and conductoring)
4	220 kV D/c Wagoora – Shariefabad – Budgam line											
5	Zainakote Alusteng-Mir Bazar Line (254 ckms) 441 towers (158 towers in Zainakote-Alusteng section (100 ckms) & 283 towers in Alusteng-Mir Bazar section (154 ckms))	2007	9823.00 Revised cost=12553.39	2011-12	-	Y	Y	12559.31		0.00	12559.31	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=324.9 3	2008-09	-	N	N	299.26	NA	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	NA	0.0	53.39	Commissioned on 17.04.2009 Executing Agency: PDD, J&K
8	Arapora-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	NA	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	NA	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	NA	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	2009-10	2012-13	Y	Y	666.18	NA	0.00	666.18	Commissioned on 28.03.13.

			Revised cost=748.7 2								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- Rawalpura) (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	2005	2275.00	2007-08	2007-08	N	N	2283.41	0.0	2283.41	Commissioned on 30.10.2007.

	Substation at Zainakote (300 MVA to 450 MVA)											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	2009-10	-	Y	N	1525.02		0.0	1525.02	Commissioned in May 2009.

			Revised cost=1551. 39								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	75647.95	

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)