



## **Monthly progress Report of Central Funded Schemes**

- (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**

**(As on 30.11.2019)**

**Govt. of India  
Ministry of Power  
Central Electricity Authority  
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| 4.      | Prime Minister Development Package-2015                                                                                             | RECTPCL, JKPDD, PGCIL | 155      |

**Total Transmission Projects** : **04**  
**Transmission Projects Completed** : **1**  
**Transmission Projects Cancelled** : **0**  
**Transmission Projects yet to be awarded** : **0\***  
**Transmission Projects under construction** : **3**

\* Some of the transmission works (Line & S/S) under transmission projects at Sl. No. 2&4 are yet to be awarded.

# 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    | : Nov, 2014                                                                                                                                                                                              |
| Implementing Agency       | : PGCIL                                                                                                                                                                                                  |
| Sanctioned Cost (Rs. crs) | : 5111.33 (at Feb, 2014 price level) [Project cost (Rs 5022.33 Crs including consultancy fee @12% of the executed cost Gol: Rs 2511.165 Crs, World Bank: Rs 2511.165 Crs., Capacity Building: Rs 89 Crs] |
| RCE                       | : Under approval                                                                                                                                                                                         |
| Funding                   | : 50:50 (Govt. of India: World Bank)                                                                                                                                                                     |
| Completion schedule       | : December 2018 (48 months from date of release of 1 <sup>st</sup> installment)                                                                                                                          |

## Summary

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

**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 (Kms.) | New S/s (Nos) | Total MVA (New & Augmentation) | Line (Kms.)                   | New S/s (Nos) | Total MVA (New & Augmentation) |
| Assam                                           | 217         | 11            | 1668                           | 389                           | 16            | 240                            |
| Manipur                                         | 222         | 2             | 132.5                          | 84                            | 13            | 274.85                         |
| Meghalaya                                       | 207         | 4             | 940                            | 199                           | 11            | 150                            |
| Mizoram                                         | 116         | 3             | 100                            | 4                             | 1             | 6.3                            |
| Nagaland                                        | 193         | 5             | 245                            | 76                            | 10            | 205                            |
| Tripura                                         | 236         | 9             | 1389                           | 950                           | 34            | 510                            |
| <b>Total</b>                                    | <b>1191</b> | <b>34</b>     | <b>4475</b>                    | <b>1702</b>                   | <b>85</b>     | <b>1386.15</b>                 |

| <b>Last 5 Years' expenditure data (In Rs. Cr.) in respect of NERPSIP</b> |                |                |                |                |                |
|--------------------------------------------------------------------------|----------------|----------------|----------------|----------------|----------------|
| <b>2014-15</b>                                                           | <b>2015-16</b> | <b>2016-17</b> | <b>2017-18</b> | <b>2018-19</b> | <b>Total</b>   |
| 6.6                                                                      | 24             | 192.98         | 376            | 683            | <b>1282.58</b> |

## **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 :**

- i. 220/132 kV Behiating S/S
- ii. 132/33 kV Chapakhowa S/S
- iii. 132/33 kV Sarupathar S/S
- iv. 132/33kV Teok S/S
- v. 220kV Tinsukia S/S Extn
- vi. 132/33kV Rupai S/S Extn

#### **3. ASSAM SS – 03 :**

- i. 132/33 kV Tangla S/S
- ii. 132/33 kV Hazo S/S
- iii. 132/33 kV Kahilipara S/S Extn
- iv. 132/33 kV Dhaligaon S/S Augmentation
- v. 220/132 kV Rangia S/S Extn

#### **4. ASSAM SS – 04 :**

- i. 132/33kV GIS at Paltanbazar
- ii. 132/33kV GIS at GMCH
- iii. 220/132/33kV GIS at Amingaon
- iv. Extn of 132 kV Kamakhya SS
- v. 132 kV S/C Underground Cable Kamakhya – Paltan Bazar (6 kms.)
- vi. 220kV Underground cable from Amingaon to Rangia (2 Kms.)
- vii. 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 on ACSR WOLF from 132/33kV Tezpur (New) s/s to 33/11kV LGM hospital (New)s/s -2 x 10MVA -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 Shakardeo Nagar 220/132/33 SS to 33/11kV Mailo (New)s/s -30 KM

#### **6. ASSAM DMS– 02 :**

- i. 33/11kV Romai (New)s/s-2X10 MVA
- ii. 33/11kV Bogibil (New)s/s-2X5 MVA
- iii. 33/11kV Dibrugarh (New)s/s-2X10 MVA
- iv. Bay addition at Dibrugarh Existing 132/33kv S/s -1nos
- v. Bay addition at Behiating Existing 132/33kv S/s -1nos

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

- vi. Chapakhowa Existing 33/11kV S/s-1nos.
- vii. Barapathar Existing 33/11kV S/s-1no.
- viii. Sarupathar Existing 33/11kV S/s-1no.
- ix. Sariajhan Existing 33/11kV S/s-1no.
- x. Teok Existing 33/11kV S/s-1no.
- xi. Kakojaan Existing 33/11kV S/s-1no.
- xii. Zangi Existing 33/11kV S/s-1no.
- xiii. Pragati Existing 33/11kV S/s-1no.
- xiv. 33kV line from 132/33kV Existing Dibrugarh s/s to 33/11kV Romai (New)s/s -17 KM
- xv. 33kV line from 220/132kV Behiating (New) s/s to 33/11kV Bogibil (New)s/s -10 KM
- xvi. 33kV line from 220/132kV Behiating (New) s/s to 33/11kV Dibrugarh (New)s/s -15 KM
- xvii. 33kV line from 132/33 kV Chapakhowa (New) s/s to 33/11kV Chapakhowa existing s/s -10 KM.
- xviii. 33kV line from 132/33kV Sarupathar (New) s/s to Barapathar Existing 33/11kV S/s-12KM.
- xix. 33kV line from132/33kV Sarupathar (New) s/s to Sarupathar Existing 33/11kV S/s-5KM.
- xx. 33kV line from132/33kV Sarupathar (New) s/s to Sariajhan Existing 33/11kV S/s-20KM.
- xxi. 33kV line from132/33kV Teok (New) s/s to Teok Existing 33/11kV S/s-5KM.

- xxii. 33kV line from 132/33kV Teok (New) s/s to Kakojaan Existing 33/11kV S/s-15KM.
- xxiii. 33kV line from 132/33kV Teok (New) s/s to Zangi Existing 33/11kV S/s-15KM.
- xxiv. 33kV line from 132/33kV Teok (New) s/s to Pragati 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:**

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

#### **11. ASSAM TW-04:**

- i. 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:

- i. 132/33 kV S/s at Mynkre to Mynkre 6 KM
- ii. 132/33 kV S/s at Mynkre to Rymbai 15 KM
- iii. 132/33 kV S/s at Mynkre to Lumshnong 10 KM
- iv. 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:

- i. 132/33 kV S/s at Phulbari to Rajballa Bhaitbari 10KM
- ii. 132/33 kV S/s at Phulbari to Chibinang 6 KM
- iii. 132/33 kV S/s at Phulbari to 33/11 kV Phulbari Existing S/s 6 KM
- iv. 132/33 kV S/s at Phulbari to Tapping point on existing 33 kV Tikrikila-Phulbari line 6 KM
- v. Reconductoring (From Racoon to Wolf ) Part of existing 33 kV Tikrila-Phulbari line from tapping point to Tikrikila S/s 30 KM
- vi. Existing 33/11 kV S/s at Tikrikila to Raksambre 35 KM

**5. MEGHALAYA DMS – 03 :**

- i. 33/11 kV Mawkynrew ( New Substation)
- ii. 33/11 kV Mawpat ( New Substation)
- iii. 33/11 kV Mawrenkneng ( New Substation)
- iv. 33/11 kV New Shillong ( 2x10 MVA) (NewSubstation)
- 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

- i. 220/132/33 kV S/s at New Shillong to Mawpat 25KM.
- ii. 220/132/33 kV S/s at New Shillong to New Shillong 6 KM.

- iii. 220/132/33 kV S/s at New Shillong to Mawryngkneng 29 KM
- iv. Existing 33/11 kV S/s at Jongksha to Mawkynrew 8 KM.
- v. Existing 33/11 kV S/s at SE Falls to Mawpat 10 KM
- vi. LILO of existing Jowai-Landnongkrem to Mawryngkneng 4 KM
- vii. 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 :**

- i. 132/33KV Belonia
- ii. 132/33KV Bagafa
- iii. 132/33 KV Sabroom
- iv. 132/33 KV Satchand

**2 TRIPURA SS – 02 :**

- i. 132/33kV Rabindra nagar
- ii. 132/33kV Gokul Nagar
- iii. 132/33 kV Rokhia (Extn.)
- iv. 132/33 kV Udaipur (Extn.)
- v. 132/33 kV Jirania (Augm.)

**3 TRIPURA SS – 03 :**

- i. 132/33kV Mohonpur
- ii. 132/33kV Manu
- iii. 132/33 kV Amarpur
- iv. 132/33 KV Kailasahar
- v. 132/33 KV Dharamnagar (Extn.)
- vi. 132/33 KV Ambassa (Augm.)
- vii. 132/33 KV Dhalabil (Augm.)

**4 TRP-DMS -01:**

- i. 07 nos. 33/11 kV New S/s at Karbook, Muhuripur, Dalak(Chelagang), Chittamara, Maharani, Chechua, Garjee
- ii. 33 kV Bay addition/augmentation at Rani, Joliabari, Jatanbari, Udaipur, belonia
- iii. 11 nos. 33kV lines (181 Kms)

**5 TRP-DMS -02:**

- i. 06 nos. 33/11 kV New S/s at Manughat, Srinagar, Rupaichari, Ekinpur, Gabardi, Barpathari
- ii. 33 kV Bay addition/augmentation at Hrishyamukh, Rajnagar, Jolaibari, Silachari S/s.
- iii. 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 Surajmaninaqar - 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:**

- i. LILO of Ambassa – P. K. Bari 132 kV S/C at Manu
- ii. Kailasahar – Dharmanagar 132 kV D/C line

- iii. LILO of Agartala (79 Tilla) - Dhalabil (Khowai) 132 kV S/C line
- iv. Udaipur- Amarpur 132 kV D/C line
- v. 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:**

- i. 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.
- iii. 07 nos. 33kV lines (58 Kms)

### **2 Manipur-DMS-02:**

- i. 33/11 kV New S/s at Kwakta
- ii. 33/11 kV New S/s at Leimapokpam
- iii. 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:**

- i. 33/11 kV New S/s at Sanjenbam
- ii. 33/11 kV New S/s at Tuilaphai
- iii. Capacity augmentation of existing 3 nos. S/s Karong, Maram & Tadubi
- iv. Bay addition at Existing 33/11 kV Napetpalli s/s
- v. 33kV line from from existing 33/11 kV Napetpalli s/s to Sanjenbam (10 Kms)
- vi. 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 (2<sup>nd</sup>ckt)

- iv. Stringing of Kakching - Kongba 132kV line (2<sup>nd</sup>ckt)
- 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 2<sup>nd</sup> transformer
- iii. 132kV Imphal (PG) (Extension) Substation

**6 MAN-SS-02:**

- i. Augmentation of Kongba by addition of 3<sup>rd</sup> transformer
- ii. 132/33kV Thoubal (Extension) Substation
- iii. 132kV Kakching (Extension) Substation
- iv. 132kV Yaingangpokpi (Extension) Substation
- v. 132/33kV Ukhrul (Augmentation) Substation

**7 MAN-SS-03:**

- i. 132/33 kV Tamenglong (New) Substation
- ii. Augmentation of Rengpang by addition of 2<sup>nd</sup> transformer
- iii. Augmentation of Jiribam by addition of 2<sup>nd</sup> transformer

**NAGALAND:**

**1 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)

**2 Nagaland-DMS -02:**

- i. 06 nos. 33/11 kV New S/s at Mokochung Town Power House, Mokochung Town Hospital Area, Zunheboto south point, Chukitong, Tseminyu & Wokha Power House
- ii. 33 kV Bay addition at Suruhuto, Akuloto, Pughoboto, Torogonyu, Mokochung S/s,
- iii. 05 nos. 33kV lines (54 Kms)

**3 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
- v. 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)
- vi. 33kV line from Proposed 132/33 KV S/s at Pfutsero to Proposed 33 kV S/s at Pfutsero (3.4 Kms.)

**4 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)

**5 NAG-TW-01:**

- i. 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:**

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

**8. NAG-SS-01:**

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

**9. NAG-SS-02:**

- i. 2x25 MVA, 132/33 kV new sub-station at Zunheboto
- ii. 132kV Tuensang Substation Extension
- iii. 132kV Mokokchung(State) Substation Extension
- iv. 220kV Mokokchung (POWERGRID) Substation Extn

**10.NAG-SS-03:**

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

**11.NAG-SS-04:**

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

### **1. MIZ-TW-01:**

- i. Lungsens – Chawngte 132 kV S/c line (to be charged at 33 kV)
- ii. Chawngte – S. Bungtlang 132 kV S/c line via S. Diltlang (to be charged at 33 kV)
- iii. 132 kV S/C Lunglei-Lungsens Interconnection

### **2. MIZ-SS-02:**

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

### **3. MIZ-SS-01:**

- i. New sub-station at Lungsens with 132/33 kV, 2x12.5 MVA transformer
- ii. 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**

| <b>Sl. No</b> | <b>Packages</b>                                              | <b>Description</b>  | <b>Remarks</b> |
|---------------|--------------------------------------------------------------|---------------------|----------------|
| 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    | Awarded        |

### **Transmission line Package Status**

#### **1. ASSAM TW-02: Awarded to JV of RCC and Power Mech on 10<sup>th</sup> Oct'17**

##### **i. Tinsukia – Behiating (new Dibrugarh) 220 kV D/C line**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (km)               | : | 50     |
| Tower Locations (nos)          | : | 188    |
| Foundation completed (nos)     | : | 107    |
| Tower Erected (nos)            | : | 39     |
| Stringing completed (kms)      | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

Constraint if any:

#### **2. ASSAM TW-04: Awarded to M/s Teems India on 8<sup>th</sup> Sept'17**

##### **i. Dhemaji – Silapathar 132 kV S/c on D/c line**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (km)               | : | 36     |
| Tower Locations (nos)          | : | 123    |
| Foundation completed (nos)     | : | 35     |
| Tower Erected (nos)            | : | 19     |
| Stringing completed (kms)      | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

Constraint if any: Most of the foundations are in river bed of Brahmaputra impacted by floods in monsoon.

**3. ASSAM TW-05: Awarded to JV of RCC and Power Mech on 1<sup>st</sup> Sept'17**

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

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 44     |
| Tower Locations(nos)           | : | 159    |
| Foundation completed(nos)      | : | 82     |
| Tower Erected(nos)             | : | 51     |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

**4. ASSAM TW-07: Awarded to M/s Simplex on 30<sup>th</sup> May'18**

**i. Rangia – Amingaon 220 kV D/C line**

|                                |   |                            |
|--------------------------------|---|----------------------------|
| Line Length(km)                | : | 33                         |
| Tower Locations(nos)           | : | Detail Survey in progress. |
| Foundation completed(nos)      | : | -                          |
| Tower Erected(nos)             | : | -                          |
| Stringing completed(kms)       | : | -                          |
| Scheduled date of completion   | : | Dec'18                     |
| Anticipated date of completion | : | Dec'20                     |

**ii. LILO of one circuit of Rangia – Rowta 132 kV D/c line at Tangla**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 10     |
| Tower Locations(nos)           | : | 34     |
| Foundation completed(nos)      | : | 01     |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Feb'20 |

**iii. Amingaon – Hazo 132 kV D/c line**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 8.5    |
| Tower Locations(nos)           | : | 31     |
| Foundation completed(nos)      | : | 2      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Nov'20 |

**iv. LILO of Kamalpur – Sishugram 132kV S/c line at Amingaon 220/132kV S/s**

|                 |   |     |
|-----------------|---|-----|
| Line Length(km) | : | 9.3 |
|-----------------|---|-----|

|                                |   |                                                  |
|--------------------------------|---|--------------------------------------------------|
| Tower Locations(nos)           | : | Survey in progress near new land of Amingaon S/S |
| Foundation completed(nos)      | : | -                                                |
| Tower Erected(nos)             | : | -                                                |
| Stringing completed(kms)       | : | -                                                |
| Scheduled date of completion   | : | Dec'18                                           |
| Anticipated date of completion | : | Nov'20                                           |

Constraints if any: Delay in finalization of land at Amingaon S/Stn.

v. LILO of Kamalpur – Kamakhya 132kV S/c line at Amingaon 220/132kV S/s

|                                |   |                                                  |
|--------------------------------|---|--------------------------------------------------|
| Line Length(km)                | : | 9.3                                              |
| Tower Locations (nos)          | : | Survey in progress near new land of Amingaon S/S |
| Foundation completed (nos)     | : | -                                                |
| Tower Erected(nos)             | : | -                                                |
| Stringing completed(kms)       | : | -                                                |
| Scheduled date of completion   | : | Dec'18                                           |
| Anticipated date of completion | : | Nov'20                                           |

Constraints if any: Delay in finalization of land at Amingaon S/Stn.

vi. LILO of Golaghat – Bokajan 132 kV S/c line at Sarupathar

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 0.3    |
| Tower Locations(nos)           | : | 03     |
| Foundation completed(nos)      | : | -      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Feb'20 |

vii. Sonabil – Tezpur (New) 132 kV D/c line

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 16     |
| Tower Locations(nos)           | : | 51     |
| Foundation completed(nos)      | : | -      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Nov'20 |

viii. LILO of Jorhat (Gormur) – Nazira 132 kV S/c on D/c at Teok

|                 |   |   |
|-----------------|---|---|
| Line Length(km) | : | 1 |
|-----------------|---|---|

|                                |   |        |
|--------------------------------|---|--------|
| Tower Locations(nos)           | : | 7      |
| Foundation completed(nos)      | : | 4      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Feb'20 |

**5. SS-04: Awarded to M/s Techno on 6<sup>th</sup> May'17**

**i. Kamakhya – Paltan Bazar 132 kV S/C Underground Cable**

|                                |   |        |
|--------------------------------|---|--------|
| Length of cable (km)           | : | 6      |
| No. of Joints                  | : | -      |
| No. of joints completed        | : | -      |
| Cable laid (kms)               | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Mar'20 |

**Remarks:** Detail survey completed. Clearance from PWD is received.  
Constraints if any

**ii. 220kV Underground cable from Amingaon to Rangia (2 Kms.)**

|                                |   |        |
|--------------------------------|---|--------|
| Length of cable (km)           | : | 2      |
| No. of Joints                  | : | -      |
| No. of joints completed        | : | -      |
| Cable laid (kms)               | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Mar'20 |

**Remarks:** Clearance from PWD is awaited  
Constraints if any :

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

|                                |   |        |
|--------------------------------|---|--------|
| Length of cable (km)           | : | 6.4    |
| No. of Joints                  | : | -      |
| No. of joints completed        | : | -      |
| Cable laid (kms)               | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Mar'20 |
| Constraints if any             | : |        |

**Remarks:** Detail survey completed. Clearance of the route from PWD is awaited.

## **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**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 59       |
| Equipment received (%)         | : | 50       |
| Equipment erected (%)          | : | 35       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Boundary wall, Transit Camp bldg, CR bldg, Transformer, tower & Eqpt foundation under progress. Tower & Beam erection is under process.

Constraint if any: Marshy land, piling work involved.

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

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 79       |
| Equipment received (%)         | : | 65       |
| Equipment erected (%)          | : | 50       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Boundary wall, CR bldg., Transit camp & Eqpt. foundation under progress. Tower & Beam erection completed.

Constraint if any:

### **3. 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.**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 75       |
| Equipment received (%)         | : | 75       |
| Equipment erected (%)          | : | 65       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: **1 no. 220/132 KV, 160 MVA transformer successfully charged in Nov'2018, 1 no 132/33kV, 50MVA transformer charged in Aug'19**

Constraint if any:

### **4. 132kV Dhemaji (Extension) Substation**

Scheduled date of completion : Dec'18

Remarks: **Test charging successfully completed in March 2019.**

#### **5. 132kV Sonabali (Extension) Substation**

Scheduled date of completion : Dec'18

Remarks: **Test charging successfully completed in March 19.**

**ASM-SS-02: Awarded to M/s Neccon Power & Infra. Pvt. Ltd. on 12/08/2016**

#### **6. 2x31.5 MVA, 132/33 kV new Sub-station at Teok**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 78       |
| Equipment received (%)         | : | 70       |
| Equipment erected (%)          | : | 60       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Transformer & Tower Foundation completed. Boundary wall, CRB, FFPH, Equipment Foundation, Transit Camp Building, Tower & beam erection are in progress.

Constraint if any:

#### **7. 2x100 MVA, 220/132 kV substation at Behiating (New Dibrugarh)**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 65       |
| Equipment received (%)         | : | 55       |
| Equipment erected (%)          | : | 30       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Jun'20   |

Remarks: FFPH, Equipment Foundation & Transit Camp building is in progress. Transformer & Tower Foundation completed. Tower erection is under progress.

Constraint if any:

#### **8. 2x31.5 MVA, 132/33 kV new sub-station at Sarupathar**

|                  |   |          |
|------------------|---|----------|
| Land acquisition | : | Acquired |
| Civil work (%)   | : | 75       |

|                                |   |        |
|--------------------------------|---|--------|
| Equipment received (%)         | : | 55     |
| Equipment erected (%)          | : | 40     |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Mar'20 |

Remarks: Boundary wall, CRB, FFPH, Eqpt Fdn, Transit Camp Building & Tower and beam erection under progress. Transformer foundation completed.  
Constraint if any:

#### **9. 2x31.5 MVA, 132/33 kV new sub-station at Chapakhowa**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 45       |
| Equipment received (%)         | : | 45       |
| Equipment erected (%)          | : | 25       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Boundary wall, CRB, Eqpt. Fdn, Transit Camp building & Tower/Beam erection is in progress. 1 no. transformer & Tower Fdn completed.  
Constraint if any:

#### **10. 220kV Tinsukia (Extension) Substation**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 36       |
| Equipment received (%)         | : | 25       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Tower foundation is under progress.  
Constraint if any:

#### **11. 132kV Rupai (Extension) Substation**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 57       |
| Equipment received (%)         | : | 25       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Tower foundation completed.  
Constraint if any:

**12. 2x31.5 MVA, 132/33 kV new sub-station at Tangla**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 68       |
| Equipment received (%)         | : | 55       |
| Equipment erected (%)          | : | 55       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Boundary wall, CRB, Eqpt Fdn & Transit Camp Building is in progress. Transformer foundation, Tower & Beam erection are completed.  
Constraint if any:

**13. 2x31.5 MVA, 132/33 kV new sub-station at Hazo**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 45       |
| Equipment received (%)         | : | 35       |
| Equipment erected (%)          | : | 25       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: CRB, Equipment foundation & Transformer Fdn is in progress. Tower foundation completed. Tower and Beam erection under progress.  
Constraint if any:

**14. 220kV Rangia (Extension) Substation**

Scheduled date of completion : Dec'18

**Test charged in March 2019.**

**15. 132kV Kahilipara (Extension) Substation**

Scheduled date of completion: Dec'18

**Test charged in April 2019.**

**16. Augmentation of Dhaligaon 132/33 kV sub-station by replacing existing 2x25 MVA transformer by 2x50MVA transformer**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 86       |
| Equipment received (%)         | : | 75       |
| Equipment erected (%)          | : | 60       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Jan'20   |

Remarks: **1 No 50 MVA transformer is successfully charged in Jan'19.**

Equipment foundation, Cable laying, Transformer and equipment erection under progress.

Constraint if any:

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

**17. 2x50 MVA, 132/33 kV new sub-station at Paltan Bazar (GIS)**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 67       |
| Equipment received (%)         | : | 35       |
| Equipment erected (%)          | : | 30       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: CRB, GIS building, Eqpt Fdn and erection is under progress. 1 no. transformer Fdn pad completed.

Constraint if any:

**18. 2x50 MVA, 132/33 kV new sub-station at Guwahati Medical College (GIS)**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 75       |
| Equipment received (%)         | : | 65       |
| Equipment erected (%)          | : | 30       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Boundary wall, CRB, GIS Bldg, FFPH, Transit camp Bldg is under progress. Equipment foundation and Transformer Fdn upto rail level is completed. Equipment erection and Transformer erection under progress.

Constraint if any:

**19. 2x160 MVA, 220/132 kV GIS at Amingaon**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 03       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Contour survey completed.

Constraint if any:

**20. 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 20<sup>th</sup> Oct'16.**

### **21. 2X5 MVA, 33/11kV new sub-station at Silapathar-II**

|                              |            |
|------------------------------|------------|
| Land acquisition             | : Acquired |
| Civil work (%)               | : 33       |
| Equipment received (%)       | : 50       |
| Equipment erected            | : -        |
| Scheduled date of completion | : Dec'18   |
| Anticipated date of com      | : Dec'20   |

Remarks: Boundary wall in progress. CT, PT, Isolator received

Constraint if any

### **22. 2X5 MVA, 33/11kV at Hathimurah-2**

Scheduled date of completion : Dec'18  
**Test charged in October 2019.**

### **23. 2X5 MVA, 33/11kV new sub-station at Mailo**

|                                |            |
|--------------------------------|------------|
| Land acquisition               | : Acquired |
| Civil work (%)                 | : 69       |
| Equipment received (%)         | : 65       |
| Equipment erected (%)          | : 59       |
| Scheduled date of completion   | : Dec'18   |
| Anticipated date of completion | : Mar'20   |

Remarks: Tower, equipment and Transformer foundation completed. Boundary wall & Control room building in progress. CT, PT, Isolator received. Tower/ Beam erection completed and equipment erection is in progress.

Constraint if any :

### **24. 2X10 MVA, 33/11kV new sub-station at LGM hospital**

|                                |            |
|--------------------------------|------------|
| Land acquisition               | : Acquired |
| Civil work (%)                 | : 79       |
| Equipment received (%)         | : 75       |
| Equipment erected (%)          | : 65       |
| Scheduled date of completion   | : Dec'18   |
| Anticipated date of completion | : Mar'20   |

Remarks: Transformer, Tower& equipment foundation completed. Boundary wall & Control room building in progress. CT, PT, Isolator received. Tower/ Beam erection completed & Eqpt erection is in progress.

Constraint if any:

## **25.Extension of Parowa S/S**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks:

Constraint if any: Front handed over by APDCL recently. Work to start.

## **26.Extension of Dolabari S/S**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Soil investigation completed.

Constraint if any :

## **27.Extension of Samguri S/S**

Scheduled date of completion : Dec'18  
**Test charged in July'19**

## **28.Extn. of Shankardev nagar existing S/S**

Scheduled date of completion : Dec'18  
**Test charged in Aug'19**

## **29.Extn. of Silapatahar existing S/S**

Scheduled date of completion : Dec'18  
**Test Charged in June'19**

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

## **30. 2X10 MVA, 33/11kV new sub-station at Romai**

|                  |   |          |
|------------------|---|----------|
| Land acquisition | : | Acquired |
|------------------|---|----------|

|                                |   |        |
|--------------------------------|---|--------|
| Civil work (%)                 | : | 83     |
| Equipment received (%)         | : | 85     |
| Equipment erected (%)          | : | 75     |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Mar'20 |

Remarks: Boundary wall, Transformer, eqpt. & tower foundation completed. Control room building in progress. Transformer, tower and equipment erection completed.

Constraint if any :

### **31.2X5 MVA, 33/11kV new sub-station at Bogibil**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 90       |
| Equipment received (%)         | : | 90       |
| Equipment erected (%)          | : | 90       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'19   |

Remarks: Tower, Equipment and Transformer foundation completed. Tower, equipment & Beam erection completed. Boundary wall & Control room building in progress. Cable trench, Earthmat and panel erection completed.

Constraint if any :

### **32.2X10 MVA, 33/11kV new sub-station at Dibrugarh**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 95       |
| Equipment received (%)         | : | 95       |
| Equipment erected (%)          | : | 85       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'19   |

Remarks: Tower, Equipment and Transformer foundation completed, Tower, Beam & Eqpt. erection completed. Boundary wall, Control room building, cable trench and panel erection in progress.

Constraint if any :

### **33. Extn. of Dibrugarh 132/33kV S/s**

Scheduled date of completion : Dec'18

**Test charged in June 19.**

### **34. Extn. of Chapakhowa 33/11kV S/s**

Scheduled date of completion : Dec'18

**Test charged in June 19.**

**35.Extn. of Barapathar 33/11kV S/s**

Scheduled date of completion : Dec'18

**Test charged in June 19.**

**36.Extn. of Sarupathar 33/11kV S/s**

Scheduled date of completion : Dec'18

**Test charged on July'19**

**37.Extn. of Sariajhan 33/11kV S/s**

Land acquisition : Acquired

Civil work (%) : 35

Equipment received (%) : -

Equipment erected (%) : -

Scheduled date of completion : Dec'18

Anticipated date of completion : Dec'19

Remarks: Tower and equipment foundation under progress.

Constraint if any :

**38.Extn. of Teok 33/11kV S/s**

Scheduled date of completion : Dec'18

Remarks: **Test charged in Sept'19**

**39.Extn. of Kakojaan 33/11kV S/s**

Land acquisition : Acquired

Civil work (%) : 45

Equipment received (%) : 15

Equipment erected (%) : -

Scheduled date of completion : Dec'18

Anticipated date of completion : Dec'19

Remarks: CRB is in progress. Eqpt foundation completed.

Constraint if any :

**40. Extn. of Janji 33/11kV S/s**

Land acquisition : Acquired

Civil work (%) : 65

Equipment received (%) : 75

Equipment erected (%) : 65

Scheduled date of completion : Dec'18

Anticipated date of completion : Dec'19

Remarks: Tower& Eqpt foundation and erection completed. Control room building is in progress

Constraint if any :

#### **41. Extn. of Amguri 33/11kV S/s**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Soil investigation completed

Constraint if any: Approval accorded by CEA to construct Amguri bay extn in place Pragati bay extn. in July'19. Survey is to commence.

#### **42. Extn. of Behiating 33/11kV S/s**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 100      |
| Equipment received (%)         | : | 100      |
| Equipment erected (%)          | : | 95       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'19   |

Remarks: Civil and erection works completed, ready for charging.

Constraint if any :

#### **ASM-DMS-03: Awarded to M/s S&W on 23<sup>rd</sup> Dec'16**

#### **43.2X5 MVA, 33/11kV new sub-station at Harsingha**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 55       |
| Equipment received (%)         | : | 35       |
| Equipment erected (%)          | : | 20       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Control room building is in progress. Equip. & Transformer Fdn is completed.

Constraint if any:

#### **44.2X5 MVA, 33/11kV new sub-station at Sesa**

Scheduled date of completion : Dec'18

Test charged on 30<sup>th</sup> November 2019.

#### **45. 2X5 MVA, 33/11kV new sub-station at Ramdiya**

|                  |   |          |
|------------------|---|----------|
| Land acquisition | : | Acquired |
|------------------|---|----------|

|                                |   |        |
|--------------------------------|---|--------|
| Civil work (%)                 | : | 60     |
| Equipment received (%)         | : | 35     |
| Equipment erected (%)          | : | 20     |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Mar'20 |

Remarks: Transformer, eqpt & Tower foundation completed. Control room building is in under progress.

#### **46. 33/11kV new sub-station at Domdoma-Hazo**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 62       |
| Equipment received (%)         | : | 35       |
| Equipment erected (%)          | : | 20       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Boundary wall, CRB and Tower foundation under progress. Transformer Fdn completed.

Constraint if any :

#### **47. 2X10 MVA, 33/11kV new sub-station at Chabipool**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 60       |
| Equipment received (%)         | : | 40       |
| Equipment erected (%)          | : | 35       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Transformer & Tower Fdn and erection completed. Boundary wall and CRB under progress.

Constraint if any :

#### **48. Extn. Paneri Existing 33/11kV S/S**

**Test charged in March 2019.**

#### **49. Kalaigaon Existing 33/11kV S/S**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 45       |
| Equipment received (%)         | : | 25       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'19   |

Remarks: Soil investigation completed, Control room under progress.

Constraint if any:

**50. Tangla Existing 33/11kV S/S**

Scheduled date of completion : Dec'18

**Test charged in Nov'19**

**51. Khairabari Existing 33/11 kV**

Scheduled date of completion : Dec'18

**Successfully test charged in April'19**

**52. 33/11kV Mukalmuwa existing S/S**

Scheduled date of completion : Dec'18

**Successfully test charged in April 2019.**

**53. Existing Paltanbazaar S/S**

Scheduled date of completion : Dec'18

**Successfully charged in March 2019.**

**54. Existing Judges Field S/S**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 100      |
| Equipment received (%)         | : | 100      |
| Equipment erected (%)          | : | 95       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'19   |

Remarks: **Completed, charging clearance awaited.**

Constraint if any :

**55. Existing Jail (Fancy bazaar) S/S**

Scheduled date of completion : Dec'18

**Test charged in April 2019.**

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

**56. 2X10 MVA, 33/11kV new sub-station at GS Road**

|                        |   |          |
|------------------------|---|----------|
| Land acquisition       | : | Acquired |
| Civil work (%)         | : | 65       |
| Equipment received (%) | : | 35       |
| Equipment erected (%)  | : | 25       |

Scheduled date of completion : Dec'18

Anticipated date of completion : Mar'20

Remarks: Transformer foundation completed and Control room and GIS Hall under progress

Constraint if any :

#### **57.2X10 MVA, 33/11kV new sub-station at GMC-2**

Land acquisition : Acquired

Civil work (%) : 55

Equipment received (%) : 35

Equipment erected (%) : 25

Scheduled date of completion : Dec'18

Anticipated date of completion : Mar'20

Remarks:Transformer foundation completed and Control room and GIS Hall under progress.

Constraint if any :

#### **58.2X10 MVA 33/11kV new sub-station at Tarun Nagar**

Land acquisition : **Yet to be acquired.**

Civil work (%) :

Equipment received (%) :

Equipment erected (%) :

Scheduled date of completion : Dec'18

Anticipated date of completion : Dec'20

Remarks:

Constraint if any: **APDCL to hand over alternate land for the SS..**

#### **59.2X10 MVA, 33/11kV new sub-stationat Arya College (New) GIS s/s**

Land acquisition : Acquired

Civil work (%) : 70

Equipment received (%) : 35

Equipment erected (%) : 25

Scheduled date of completion : Dec'18

Anticipated date of completion: Mar'20

Remarks: Transformer foundation completed. Control room and GIS Hall under progress.

Constraint if any :

#### **60. Extn. of Existing GMC S/S**

Scheduled date of completion : Dec'18

**Charged in April 2019.**

**61. Extn. of Existing Ulubari S/S**

Scheduled date of completion : Dec'18

**Charged in May'19**

## Assam DMS lines

| SI No. | Package/<br>Date of<br>NOA | Name<br>of<br>Agency | Name of Line                                                                 | Sch./Ant.<br>Comp. | Status                                    |
|--------|----------------------------|----------------------|------------------------------------------------------------------------------|--------------------|-------------------------------------------|
| 1.     | DMS-01<br>20.10.16         | Neccon               | 132/33kV Silapathar<br>(New) s/s to 33/11<br>kV Silapathar-II<br>(New) S/s   | Dec'18/ Mar'20     | Pole Erection: 101/301<br>Stringing: 0/11 |
| 2.     | DMS-01<br>20.10.16         | Neccon               | 132/33kV Silapathar<br>(New) s/s to existing<br>33/11kV Silapathar           | Dec'18/ Mar'20     | Pole Erection:0/94<br>Stringing: 0/3      |
| 3.     | DMS-01<br>20.10.16         | Neccon               | Existing 132/33kV<br>Samaguri s/s to<br>33/11kV<br>Hathimurah-2<br>(New)s/s- | Dec'18/ Dec'19     | Pole Erection: 506/522<br>Stringing: 0/19 |
| 4.     | DMS-01<br>20.10.16         | Neccon               | 132/33kV Tezpur<br>(New) s/s to 33/11kV<br>LGM hospital<br>(New)s/s -        | Dec'18/ Mar'20     | Pole Erection: 24/421<br>Stringing: 0/15  |
| 5.     | DMS-01<br>20.10.16         | Neccon               | 132/33kV Tezpur<br>(New) s/s to 33/11kV<br>Parowa Existing s/s-              | Dec'18/ Mar'20     | Pole Erection: 108/136<br>Stringing: 0/5  |
| 6.     | DMS-01<br>20.10.16         | Neccon               | 132/33kV Tezpur<br>(New) s/s to 3/11kV<br>Dolabari Existing<br>s/s-          | Dec'18/ Mar'20     | Pole Erection: 0/156<br>Stringing: 0/5    |
| 7.     | DMS-01<br>20.10.16         | Neccon               | Existing Shankardeo<br>nagar 220/132/33<br>SS to 33/11kV Mailo<br>(New)s/s   | Dec'18/ Mar'20     | Pole Erection:119/536<br>Stringing: 0/22  |
| 8.     | DMS-02<br>23.12.16         | S&W                  | 220/132kV Behiating<br>(New) s/s to 33/11kV<br>Bogibil (New)s/s              | Dec'18/ Mar'20     | Pole Erection: 361/379<br>Stringing: 0/13 |
| 9.     | DMS-02<br>23.12.16         | S&W                  | 220/132kV Behiating<br>(New) s/s to 33/11kV<br>Dibrugarh (New)s/s            | Dec'18/ Mar'20     | Pole Erection: 247/286<br>Stringing: 0/9  |
| 10.    | DMS-02<br>23.12.16         | S&W                  | 132/33kV Existing<br>Dibrugarh s/s to<br>33/11kV Romai<br>(New)s/s           | Dec'18/ Mar'20     | Pole Erection: 68/465<br>Stringing: 0/17  |
| 11.    | DMS-02<br>23.12.16         | S&W                  | 132/33kV<br>Chapakhowa (New)<br>s/s to 33/11kV<br>Chapakhowa<br>existing s/s | Dec'18/ Mar'20     | Pole Erection: 49/70<br>Stringing: 0/3    |

| SI No. | Package/<br>Date of<br>NOA | Name<br>of<br>Agency | Name of Line                                                              | Sch./Ant.<br>Comp. | Status                                                                                                      |
|--------|----------------------------|----------------------|---------------------------------------------------------------------------|--------------------|-------------------------------------------------------------------------------------------------------------|
| 12.    | DMS-02<br>23.12.16         | S&W                  | 132/33kV<br>Sarupathar (New)<br>s/s to Barapathar<br>Existing 33/11kV S/s | Dec'18/ Mar'20     | Pole Erection:<br>168/295<br>Stringing: 0/11                                                                |
| 13.    | DMS-02<br>23.12.16         | S&W                  | 132/33kV<br>Sarupathar (New)<br>s/s to Sarupathar<br>Existing 33/11kV S/s | Dec'18/ Mar'20     | Pole Erection:<br>89/162<br>Stringing: 0/6                                                                  |
| 14.    | DMS-02<br>23.12.16         | S&W                  | 132/33kV<br>Sarupathar (New)<br>s/s to Sariajhan<br>Existing 33/11kV S/s  | Dec'18/ Mar'20     | Pole Erection:<br>69/ 562<br>Stringing: 0/24                                                                |
| 15.    | DMS-02<br>23.12.16         | S&W                  | 132/33kV Teok<br>(New) s/s to Teok<br>Existing 33/11kV S/s                | Dec'18/ Mar'20     | Pole Erection:<br>221/252<br>Stringing: 0/5                                                                 |
| 16.    | DMS-02<br>23.12.16         | S&W                  | 132/33kV Teok<br>(New) s/s to<br>Kakojaan Existing<br>33/11kV S/s         | Dec'18/ Mar'20     | Pole Erection:<br>250 /390<br>Stringing: 0/21                                                               |
| 17.    | DMS-02<br>23.12.16         | S&W                  | 132/33kV Teok<br>(New) s/s to Zangi<br>Existing 33/11kV S/s               | Dec'18/ Mar'20     | Pole Erection:<br>44/177<br>Stringing: 0/6                                                                  |
| 18.    | DMS-02<br>23.12.16         | S&W                  | 132/33kV Teok<br>(New) s/s to Pragati<br>Existing 33/11kV S/s             | Dec'18/ Mar'20     | Approval accorded by<br>CEA to construct 33kV<br>Teok-Amguri line<br>instead of 33kV Teok-<br>Pragati line. |
| 19.    | DMS-03<br>23.12.16         | S&W                  | 132/33kV Tangla<br>(New) s/s to 33/11kV<br>Harsingha (New)s/s             | Dec'18/ Mar'20     | Pole Erection:<br>88/289<br>Stringing: 0/12                                                                 |
| 20.    | DMS-03<br>23.12.16         | S&W                  | 132/33kV Tangla<br>(New) s/s to Paneri<br>Existing 33/11kV S/s            | Dec'18/ Mar'20     | Pole Erection:<br>49/269<br>Stringing: 0/11                                                                 |
| 21.    | DMS-03<br>23.12.16         | S&W                  | 132/33kV Tangla<br>(New) s/s to Existing<br>Kalaigaon 33/11kV<br>S/s      | Dec'18/ Mar'20     | Pole Erection:<br>272/355<br>Stringing: 0/14                                                                |
| 22.    | DMS-03<br>23.12.16         | S&W                  | 132/33kV Tangla<br>(New) s/s to Existing<br>Khairabari 33/11kV<br>S/s     | Dec'18/ Mar'20     | Pole Erection:<br>173/387<br>Stringing: 0/16                                                                |
| 23.    | DMS-03<br>23.12.16         | S&W                  | 132/33kV Tangla<br>(New) s/s to Existing<br>Tangla 33/11kV S/s            | Dec'18/ Mar'20     | Pole Erection: 0/54<br>Stringing: 0/1                                                                       |

| SI No.                  | Package/<br>Date of<br>NOA | Name<br>of<br>Agency | Name of Line                                                                      | Sch./Ant.<br>Comp. | Status                                       |
|-------------------------|----------------------------|----------------------|-----------------------------------------------------------------------------------|--------------------|----------------------------------------------|
| 24.                     | DMS-03<br>23.12.16         | S&W                  | 132/33kV Hazo<br>(New) s/s to 33/11kV<br>Sesa (New)s/s                            | Dec'18/ Mar'20     | Pole Erection:<br>127/188<br>Stringing: 0/7  |
| 25.                     | DMS-03<br>23.12.16         | S&W                  | 132/33kV Hazo<br>(New) s/s to 33/11kV<br>Ramdiya (New)s/s                         | Dec'18/ Mar'20     | Pole Erection:<br>158/232<br>Stringing: 0/9  |
| 26.                     | DMS-03<br>23.12.16         | S&W                  | 132/33kV Hazo<br>(New) s/s to 33/11kV<br>Domdoma-hazo<br>(New)s/s                 | Dec'18/ Mar'20     | Pole Erection:<br>223/232<br>Stringing: 0/11 |
| 27.                     | DMS-03<br>23.12.16         | S&W                  | 132/33kV Hazo<br>(New) s/s to 33/11kV<br>Mukalmuwa existing<br>s/s                | Dec'18/ Mar'20     | Pole Erection:<br>332/788<br>Stringing: 0/29 |
| Underground cable lines |                            |                      |                                                                                   |                    |                                              |
| 28.                     | DMS-04<br>08.07.16         | Neccon               | 132/33kV Guwahati<br>M.C. (New) s/s to<br>GS Road -(New)<br>GIS s/s               | Dec'18/ Mar'20     | Cable laying: 1/1.1                          |
| 29.                     | DMS-04<br>08.07.16         | Neccon               | 132/33kV Guwahati<br>M.C. (New) s/s to<br>GMC-2-(New) GIS<br>s/s                  | Dec'18/ Mar'20     | Cable laying: 0/0.3                          |
| 30.                     | DMS-04<br>08.07.16         | Neccon               | 132/33kV Platan<br>Bazar (New) s/s to<br>Tarun Nagar -(New)<br>GIS s/s            | Dec'18/ Mar'20     | Land of Tarun Nagar<br>yet to be handed over |
| 31.                     | DMS-04<br>08.07.16         | Neccon               | 132/33kV GMC<br>(New) s/s to Arya<br>College -(New) s/s                           | Dec'18/ Mar'20     | Cable laying: 2.5/2.5                        |
| 32.                     | DMS-04<br>08.07.16         | Neccon               | 132/33kV Guwahati<br>M.C. (New) s/s to<br>GMC Existing s/s                        | Dec'18/ Mar'20     | Cable laying:<br>0.5/0.5                     |
| 33.                     | DMS-04<br>08.07.16         | Neccon               | Double Ckt.<br>132/33kV Guwahati<br>M.C. (New) s/s to<br>Ullubari Existing s/s    | Dec'18/ Mar'20     | Cable laying:<br>1/1.5                       |
| 34.                     | DMS-04<br>08.07.16         | Neccon               | 132/33kV GMC<br>(New) s/s to<br>Chabipool -(New)<br>s/s changed to<br>Hengrabadri | Dec'18/ Mar'20     | Cable laying:<br>0/5.8                       |

| SI No. | Package/<br>Date of<br>NOA | Name<br>of<br>Agency | Name of Line                                                               | Sch./Ant.<br>Comp. | Status                                                  |
|--------|----------------------------|----------------------|----------------------------------------------------------------------------|--------------------|---------------------------------------------------------|
| 35.    | DMS-04<br>08.07.16         | Neccon               | 132/33kV<br>Paltanbazar (New)<br>s/s to Existing Paltan<br>bazaar s/s      | Dec'18/ Mar'20     | Cable laying:<br>0/.4                                   |
| 36.    | DMS-04<br>08.07.16         | Neccon               | 132/33kV<br>Paltanbazar (New)<br>s/s to Judges field<br>Existing s/s       | Dec'18/ Mar'20     | Cable laying:<br>0.5/1                                  |
| 37.    | DMS-04<br>08.07.16         | Neccon               | 132/33kV<br>Paltanbazar (New)<br>s/s to Jail(Fency<br>bazaar) Existing s/s | Dec'18/ Mar'20     | Cable laying:<br>0/1.2                                  |
| 38.    | DMS-04<br>08.07.16         | Neccon               | 132kV Narengi – 33<br>kV Bamunimaidam                                      |                    | Scope confimed in<br>July'19. Survey under<br>progress. |
| 39.    | DMS-04<br>08.07.16         | Neccon               | 132kV Narengi –<br>33kV Uzan Bazar                                         |                    |                                                         |
| 40.    | DMS-04<br>08.07.16         | Neccon               | 132kV Narengi –<br>33kV Zoo Road                                           |                    |                                                         |
| 41.    | DMS-04<br>08.07.16         | Neccon               | 33kV<br>Bamunimaindam –<br>33kV Chandmari                                  |                    |                                                         |
| 42.    | DMS-04<br>08.07.16         | Neccon               | 132kV Paltan Bazar<br>to 33kV Stadium                                      |                    |                                                         |

## **Meghalaya:**

Total no. of Packages: 7

No. of Awarded Packages: 7

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

### **Transmission line:**

**MEG-TW-01:** Awarded to M/s Unique on 29<sup>th</sup> June'16.

#### **1. Byrnihat (Killing) – Mawngap – New Shillong 220 kV D/c line**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 127    |
| Tower Locations(nos)           | : | 389    |
| Foundation completed(nos)      | : | 219    |
| Tower Erected(nos)             | : | 46     |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

Constraint if any: Forest involved (approx.-45Ha). Approval awaited.  
Severe ROW being encountered.

**MEG-TW-02:** Awarded to M/s Unique on 29<sup>th</sup> June'16

#### **2. LILO of both circuits of MLHEP – Khliehriat 132 kV D/c line at Mynkre**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 26     |
| Tower Locations(nos)           | : | 87     |
| Foundation completed(nos)      | : | 73     |
| Tower Erected(nos)             | : | 65     |
| Stringing completed(kms)       | : |        |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

Constraint if any: Forest involved (approx.-11Ha). Approval awaited.  
Severe ROW being encountered.

#### **3. Phulbari – Ampati 132 kV D/c line**

|                           |   |     |
|---------------------------|---|-----|
| Line Length(km)           | : | 50  |
| Tower Locations(nos)      | : | 174 |
| Foundation completed(nos) | : | 172 |
| Tower Erected(nos)        | : | 153 |
| Stringing completed(kms)  | : | 5   |

Scheduled date of completion : Dec'18  
Anticipated date of completion : Mar'20  
Constraint if any:

### **Sub-station :**

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

#### **1. 2x50 MVA, 132/33 kV new sub-station at Mynkre**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 68       |
| Equipment received (%)         | : | 65       |
| Equipment erected (%)          | : | 20       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Boundary wall, Transformer, Control room building, Tower & eqpt foundation in progress.

Constraint if any :

#### **2. 2x50 MVA, 132/33 kV new sub-station at Phulbari**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 70       |
| Equipment received (%)         | : | 65       |
| Equipment erected (%)          | : | 25       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Boundary wall, Transformer, Control room building, Tower & eqpt foundation in progress. Tower & Beam erection is in progress.

Constraint if any :

#### **3. 132kV Ampati (Extension) Substation**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 05       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Soil investigation completed. Foundation work under progress.

Constraint if any :

**MEG-SS-02: Awarded to Joint Venture (JV) of Techno & Seiyuan on 6<sup>th</sup> June'16**

**4. 2x160 MVA, 220/132 kV Mawngap GIS**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 75       |
| Equipment received (%)         | : | 65       |
| Equipment erected (%)          | : | 55       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Transformer & tower foundation completed. GIS building work, Road inside the Substation, Equipment foundation in Progress. Tower & Beam erection is under process.

Constraint if any:

**5. 2x160 MVA, 220/132 kV + 2x50 MVA, 132/33 kV GIS at New Shillong**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 75       |
| Equipment received (%)         | : | 65       |
| Equipment erected (%)          | : | 55       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Transformer foundation, Equipment foundation & Tower Fdn Completed. Boundary wall, GIS building work in final stage. Tower, beam and equipment erection under progress.

Constraint if any:

**6. 220kV Byrnihat (Killing) AIS Substation Extension**

Scheduled date of completion : Dec'18

Remarks: **Charged in November 2019**

## **DMS Substation**

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

### **7. 33/11 kV new sub-station at Mynkre**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 90       |
| Equipment received (%)         | : | 90       |
| Equipment erected (%)          | : | 86       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Tower & eqpt erection and Transformer erection completed. Boundary wall and Control room building under progress.

Constraint if any:

### **8. 33/11 kV new sub-station at Rymbai**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 65       |
| Equipment received (%)         | : | 60       |
| Equipment erected (%)          | : | 50       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Site leveling, Boundary wall and Transformer foundation completed. Tower & Equipment foundation and Control room building in progress. Transformer, CT, PT, Isolator received. Transformer erection completed.

Constraint if any:

### **9. 33/11 kV new sub-station at Latyrke**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 85       |
| Equipment received (%)         | : | 65       |
| Equipment erected (%)          | : | 50       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Boundary wall, Transformer, Tower & eqpt. foundation completed, Tower & Transformer erection completed. Equipment erection, Control room building is in progress. Transformer, CT, PT, Isolator received.

Constraint if any:

### **10. 33/11 kV new sub-station at Byndihati**

|                        |   |          |
|------------------------|---|----------|
| Land acquisition       | : | Acquired |
| Civil work (%)         | : | 70       |
| Equipment received (%) | : | 55       |
| Equipment erected (%)  | : | 20       |

Scheduled date of completion : Dec'18  
Anticipated date of completion : Mar'20

Remarks: Transformer foundation & Boundary wall completed. Site leveling, Tower, Equipment and Control room building are under progress. Transformer, CT, PT, Isolator received.

Constraint if any :

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

**11. 33/11 kV new sub-station at Chibinang**

Scheduled date of completion : Dec'18

**Test charged on July'19**

**12. 33/11 kV new sub-station at Raksambre (Potamati)**

Scheduled date of completion : Dec'18

**Test charged on Sep'19.**

**13. 33/11 kV new sub-station at Rajaballa Bhaitbari**

Land acquisition : Acquired

Civil work (%) : 45

Equipment received (%) : 45

Equipment erected (%) : -

Scheduled date of completion : Dec'18

Anticipated date of completion : Mar'20

Remarks:. Transformer foundation completed. Boundary wall, tower & eqpt foundation under progress. CT, PT, Isolator received.

Constraint if any :

**14. Extn. of 33/11 kV Phulbari S/s**

Scheduled date of completion : Dec'18

**2x5 MVA transformer charged.**

**15. Extn. of 33/11 kV Trikila S/s**

Land acquisition : Acquired

Civil work (%) : -

Equipment received (%) : -

Equipment erected (%) : -

Scheduled date of completion : Dec'18

Anticipated date of completion : Mar'20

Constraint if any : CEA clarified about the extra items, works to start.

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

**16. 33/11 kV new sub-station at Mawkynew**

Scheduled date of completion : Dec'18

**Test charged in June'19**

**17. 33/11 kV new sub-station at Mawpat**

Scheduled date of completion : Dec'18

**Test charged on Sept'19**

**18. 33/11 kV new sub-station at Mawrenkneng**

Land acquisition : Acquired

Civil work (%) : 75

Equipment received (%) : 65

Equipment erected (%) : 45

Scheduled date of completion : Dec'18

Anticipated date of completion : Mar'20

Remarks: Site leveling and Transformer foundation completed. Tower, Boundary wall and Control room building in progress. CT, PT received.

Constraint if any :

**19. 2x10 MVA , 33/11 kV new sub-station at New Shillong**

Land acquisition : Acquired

Civil work (%) : 94

Equipment received (%) : 85

Equipment erected (%) : 85

Scheduled date of completion : Dec'18

Anticipated date of completion : Mar'20

Remarks: Site leveling, Tower, Transformer & equipment foundation and Boundary wall completed. Control room building and cable trench in progress.

Constraint if any :

**20. (5 MVA to 10 MVA), 33/11 kV SE Falls (Augmentation)**

Scheduled date of completion : Dec'18

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

**21. Extn. of 33/11 kV Jongksha S/s**

Scheduled date of completion : Dec'18

**Commissioned in June'19**

:

**Meghalaya DMS Line:**

| SI No. | Package/<br>Date of<br>NOA | Name<br>of<br>Agency | Name of Line                                                                                                       | Sch./Ant. Comp. | Status                                       |
|--------|----------------------------|----------------------|--------------------------------------------------------------------------------------------------------------------|-----------------|----------------------------------------------|
| 1.     | DMS-01<br>13.07.16         | Neccon               | 132/33KV<br>Mynkre -Mynkre                                                                                         | Dec'18/ Mar'20  | Pole Erection:<br>0/61<br>Stringing: 0/2     |
| 2.     | DMS-01<br>13.07.16         | Neccon               | 132/33 KV<br>Mynkre -<br>Rymbai                                                                                    | Dec'18/ Mar'20  | Pole Erection: 0/432<br>Stringing: 0/16      |
| 3.     | DMS-01<br>13.07.16         | Neccon               | 132/33KV<br>Mynke -<br>Lumshnong                                                                                   | Dec'18/ Mar'20  | Pole Erection: 69/126<br>Stringing: 0/9      |
| 4.     | DMS-01<br>13.07.16         | Neccon               | 132/33 KV<br>Mynkre -<br>Latykre                                                                                   | Dec'18/ Mar'20  | Pole Erection:<br>8/587<br>Stringing: 0/21   |
| 5.     | DMS-02<br>27.05.16         | Neccon               | 132/33kV<br>Phulbari -<br>Rajballa<br>Bhaitbari                                                                    | Dec'18/ Mar'20  | Pole Erection:<br>311/746<br>Stringing: 0/26 |
| 6.     | DMS-02<br>27.05.16         | Neccon               | 132/33kV<br>Phulbari -<br>Chibinang                                                                                | Dec'18/ July'19 | Completed                                    |
| 7.     | DMS-02<br>27.05.16         | Neccon               | 33/11kV Tikrila -<br>Raksambre                                                                                     | Dec'18/ Dec'19  | Pole Erection:<br>249/302<br>Stringing: 0/11 |
| 8.     | DMS-02<br>27.05.16         | Neccon               | 132/33 KV<br>Phulbari (New) -<br>Phulbari<br>(existing)                                                            | Dec'18/ Dec'19  | Pole Erection:<br>228/234<br>Stringing: 0/8  |
| 9.     | DMS-02<br>27.05.16         | Neccon               | LILO of Tikrila -<br>Phulbari at<br>Phulbari(New);                                                                 | Dec'18/ Dec'19  | Pole Erection: 2/25<br>Stringing: 0/1        |
| 10.    | DMS-02<br>27.05.16         | Neccon               | Reconductoring-<br>Racoon to Wolf-<br>Existing 33 kV<br>Tikrila-Phulbari<br>from tapping<br>point to Tikrila<br>SS | Dec'18/Dec'19   | Approval accorded<br>recently for new line.  |
| 11.    | DMS-03<br>27.05.16         | Neccon               | 220/132/33kV<br>New shillong -<br>Mawpat                                                                           | Dec'18/ Mar'20  | Pole Erection: 52/453<br>Stringing: 0/14     |

| SI No. | Package/<br>Date of<br>NOA | Name<br>of<br>Agency | Name of Line                                                                                      | Sch./Ant. Comp. | Status                                   |
|--------|----------------------------|----------------------|---------------------------------------------------------------------------------------------------|-----------------|------------------------------------------|
| 12.    | DMS-03<br>27.05.16         | Neccon               | 33/11kV SE<br>Falls - Mawpat                                                                      | Dec'18/ Mar'20  | Pole Erection:<br>0/85<br>Stringing: 0/3 |
| 13.    | DMS-03<br>27.05.16         | Neccon               | 220/132/33 KV<br>New Shillong -<br>New Shillong                                                   | Dec'18/ Dec'19  | Pole Erection: 29/118<br>Stringing: 0/4  |
| 14.    | DMS-03<br>27.05.16         | Neccon               | 220/132/33 KV<br>New Shillong -<br>Mawryngkneng                                                   | Dec'18/ Mar'20  | Pole Erection: 83/413<br>Stringing: 0/16 |
| 15.    | DMS-03<br>27.05.16         | Neccon               | LILO of exisiting<br>Jowai-<br>Landnongkrem<br>Line at<br>Mawryngkneng                            | Dec'18/ Mar'20  | Pole Erection: 0/65<br>Stringing: 0/19   |
| 16.    | DMS-03<br>27.05.16         | Neccon               | 33/11kV<br>Jongksha-<br>Mawkynrew                                                                 | Dec'18/June'19  | <b>Commissioned</b>                      |
| 17.    | DMS-03<br>27.05.16         | Neccon               | Reconductoring<br>(From Racoon<br>to Wolf ):<br>Existing Jowai-<br>Landonogkrem-<br>Jongksha Line | Dec'18/ Mar'20  | Approval awaited from<br>CEA             |

## **Mizoram**

Total no. of Packages: 3

No. of Awarded Packages: All awarded

| Sl. No | Packages         | Description         | Remarks           |
|--------|------------------|---------------------|-------------------|
| 1.     | 1 (TW-01 )       | Transmission Lines  | Awarded           |
| 2.     | 2 (SS-01, SS-02) | Sub-stations        | Awarded           |
| 3.     |                  | Distribution system | Included in SS-02 |

### **Transmission line**

#### **1. MIZ-TW-01: Awarded to KSA on 20<sup>th</sup> Sept'17**

##### **i. Lungsan – Chawngte 132 kV S/c line (charged at 33 kV)**

Line Length(km) : 31  
Tower Locations(nos) : 102  
Foundation completed(nos)  
Tower Erected(nos) : -  
Stringing completed(kms) : -  
Scheduled date of completion : Dec'18  
Anticipated date of completion : Dec'20

Remarks:

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

Line Length (km) : 35  
Tower Locations (nos) : 117  
Foundation completed (nos)  
Tower Erected(nos) : -  
Stringing completed(kms) : -  
Scheduled date of completion : Dec'18  
Anticipated date of completion : Dec'20

Remarks:

##### **iii. 132 kV S/C Lunglei-Lungsan Interconnection**

Line Length(km) : 0.6  
Tower Locations(nos) : 04  
Foundation completed(nos)  
Tower Erected(nos) : -  
Stringing completed(kms) : -  
Scheduled date of completion : Dec'18  
Anticipated date of completion : Dec'20

Remarks:

#### **2. MIZ-SS-02: Awarded to S&W on 13<sup>th</sup> Oct'17**

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

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 51     |
| Tower Locations(nos)           | : | 172    |
| Foundation completed(nos)      | : | 04     |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

Remarks: Proposal put up for Forest and Wild Life approval. Area involved (approx.. 104.77Ha). Approval awaited.

## **Sub-station**

### **1. MIZ-SS-01: Awarded to KSA on 2<sup>nd</sup> Nov'17**

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

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 21       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Soil investigation completed. Control room in progress.  
Constraint if any:

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

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 12       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Transformer, tower and equipment foundation under progress.  
Constraint if any

### **2. MIZ-SS-02: Awarded to S&W on 13<sup>th</sup> Oct'17**

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

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 10       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Soil investigation completed. Boundary wall is work under progress.

Constraint if any:

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

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 20       |
| Equipment received (%)         | : | 05       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Soil investigation completed. Boundary wall & Control room in progress. Transformer and tower foundation is under progress.

Constraint if any

**Distribution**

**1. MIZ-SS-02: Awarded to S&W on 13<sup>th</sup> Oct'17**

**i. 33/11 kV South Bungtlang (New) Substation S/S**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 20       |
| Equipment received (%)         | : | 05       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Soil investigation completed. Boundary wall and CRB under progress. Tower foundation is under progress.

Constraint if any

**ii. Aug. 33kV West Paileng SS - addition of 2 new 33kV bays**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Apr'20   |

Remarks: Front not handed over by P&E dept. Mizoram.

**Mizoram DMS Line:**

| <b>SI No.</b> | <b>Package/<br/>Date of<br/>NOA</b> | <b>Name<br/>of<br/>Agency</b> | <b>Name of Line</b>                      | <b>Sch./Ant. Comp.</b> | <b>Status</b>                                |
|---------------|-------------------------------------|-------------------------------|------------------------------------------|------------------------|----------------------------------------------|
| 1.            | SS-02<br>13.10.17                   | S&W                           | 132/33kV Lungsen<br>(new) - Lungsen line | Dec'18/April'20        | Pole Erection:<br>17/104<br>Stringing: 0/3.8 |

## 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 31<sup>st</sup> May'18.**

- i. Renovation of Yurembum – Karong - Mao (Manipur-Nagaland border) section of Yurembum-Karong-Kohima 132kV S/c line (91 Kms.)

Line Length(km) : 91  
 Tower Locations(nos) : 137(Existing)  
 Foundation completed(nos) : -  
 Tower Erected/Rectification(nos) : 69  
 Stringing completed(kms) : 52 Km  
 Scheduled date of completion : Dec'18  
 Anticipated date of completion : Mar'20

- ii. 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 16<sup>th</sup> Sep'19**

- iii. Stringing of Yaingangpokpi - Kongba 132kV line (2<sup>nd</sup>ckt) (33 Kms.)

Line Length(km) : 33  
 Tower Locations(nos) : NA  
 Foundation completed(nos) : NA  
 Tower Erected(nos) : NA  
 Stringing completed(kms) : 32 Km  
 Scheduled date of completion : Dec'18  
 Anticipated date of completion : Mar'20

- iv. Stringing of Kakching - Kongba 132kV line (2<sup>nd</sup>ckt) (45 Kms.)

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 45     |
| Tower Locations(nos)           | : | NA     |
| Foundation completed(nos)      | : | NA     |
| Tower Erected(nos)             | : | NA     |
| Stringing completed(kms)       | : | 7      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Mar'20 |

- v. **Scope Deleted** - 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.)

|                                |   |   |
|--------------------------------|---|---|
| Line Length(km)                | : | - |
| Tower Locations(nos)           | : | - |
| Foundation completed(nos)      | : | - |
| Tower Erected(nos)             | : | - |
| Stringing completed(kms)       | : | - |
| Scheduled date of completion   | : | - |
| Anticipated date of completion | : | - |

**Remarks: Scope Deleted**

- vi. Imphal (PG) - Ningthoukhong 132 kV D/c line (33 Kms.)

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 33     |
| Tower Locations(nos)           | : | 114    |
| Foundation completed(nos)      | : | 46     |
| Tower Erected(nos)             | : | 25     |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Nov'20 |

- vii. Rengpang-Tamenlong 132kV S/C line on D/C tower (19.5 Kms.)

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 19.5   |
| Tower Locations(nos)           | : | 76     |
| Foundation completed(nos)      | : | -      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Nov'20 |

Constraint if any: Line is passing through forest area. Manipur Govt. forwarded proposal to RMoEF in Sep'19.

### **Sub-station ( New)**

1. **MAN-SS-01:** Awarded on 3<sup>rd</sup> Jan'18 to M/s Sterling & Wilson

i. **2x20 MVA, 132/33 kV Gamphajol new sub-station**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 28       |
| Equipment received (%)         | : | 15       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Nov'20   |

Remarks: Soil investigation completed, Boundary wall, Tower & Equip. Fdn. and X-mer Fdn. under progress

Constraint if any

ii. **Augmentation of Ningthoukhong by addition of 2<sup>nd</sup> transformer**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : |          |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Nov'20   |

Remarks: Soil investigation completed, contour survey completed.

Constraint if any

iii. **132kV Imphal (PG) (Extension) Substation.**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 70       |
| Equipment received (%)         | : | 45       |
| Equipment erected (%)          | : | 20       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Nov'20   |

Remarks: Tower Foundation is completed & equip. fdn. u/p.

Constraint if any:

2. **MAN-SS-02:** Awarded on 8<sup>th</sup> Dec'17 to M/s Shyama Power

i. **Augmentation of Kongba by addition of 3<sup>rd</sup> transformer + 2 Line Bays:**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 60       |
| Equipment received (%)         | : | 35       |
| Equipment erected (%)          | : | 30       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Jun'20   |

Remarks: **1-line bay charged.**

Constraint if any

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

|                                |   |   |
|--------------------------------|---|---|
| Land acquisition               | : | - |
| Civil work (%)                 | : | - |
| Equipment received (%)         | : | - |
| Equipment erected (%)          | : | - |
| Scheduled date of completion   | : | - |
| Anticipated date of completion | : | - |

Remarks: **Scope deleted**

Constraint if any

**iii. 132kV Kakching (Extension) Substation**

|                  |   |          |
|------------------|---|----------|
| Land acquisition | : | Acquired |
|------------------|---|----------|

Remarks: **Bay construction completed, test charged in October'19.**

Constraint if any:

**iv. 132kV Yaingangpokpi (Extension) Substation**

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : | 100      |
| Equipment received (%)       | : | 100      |
| Equipment erected (%)        | : | 100      |
| Scheduled date of completion | : | Dec'18   |

Remarks: **Bay charged in November 2019.**

Constraint if any

**v. 132/33kV Ukhrul (Augmentation) Substation**

|                  |   |          |
|------------------|---|----------|
| Land acquisition | : | Acquired |
|------------------|---|----------|

|                                |   |        |
|--------------------------------|---|--------|
| Civil work (%)                 | : | 20     |
| Equipment received (%)         | : | -      |
| Equipment erected (%)          | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Jun'20 |

Remarks: Retaining wall construction under progress.  
Constraint if any

3. **MAN-SS-03:**Awarded on 3<sup>rd</sup> Jan'18 to M/s Sterling & Wilson  
i. **132/33 kV Tamenglong (New) Substation**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 22       |
| Equipment received (%)         | : | 05       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Nov'20   |

Remarks: Site levelling under progress.  
Constraint if any: There is forest involvement. Proposal submitted on 29.05.19.  
Compliance of queries raised by DFO u/p.

ii. **Extension of Rengpang SS**

|                                                   |   |          |
|---------------------------------------------------|---|----------|
| Land acquisition                                  | : | Acquired |
| Civil work (%)                                    | : | 85       |
| Equipment received (%)                            | : | 65       |
| Equipment erected (%)                             | : | 35       |
| Scheduled date of completion                      | : | Dec'18   |
| Anticipated date of completion                    | : | Nov'20   |
| Remarks: Tower & Equipment Foundations completed. |   |          |

Constraint if any :

iii. **Augmentation of Jiribam by addition of 2<sup>nd</sup> transformer**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 60       |
| Equipment received (%)         | : | 35       |
| Equipment erected (%)          | : | 30       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Nov'20   |

Remarks: Tower & Equipment Foundations under progress.  
Constraint if any:

**DMS Substataion**

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

**1. 33/11 kV new sub-station at Pishum (GIS)**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 15       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | June'20  |
| Constraint if any              | : |          |

**2. 33/11 kV new sub-station at Lamphel**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 30       |
| Equipment received (%)         | : | 15       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | June'20  |

Remarks: Boundary wall under progress.

Constraint if any : Very low bearing capacity of soil.

**3. 33/11 kV new sub-station at Hiyangthang**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 85       |
| Equipment received (%)         | : | 75       |
| Equipment erected (%)          | : | 65       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Feb'20   |

Constraint if any :

Remarks: Tower & Equipment Fdn. Completed. C.R.B. & cable trench Under progress

Constraint if any

**4. 33/11 kV new sub-station at Andro**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 50       |
| Equipment received (%)         | : | 45       |
| Equipment erected (%)          | : | 30       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | June'20  |

Remarks: CRB, Boundary wall under progress.  
Constraint if any

#### 5. 33/11 kV new sub-station at Takyel

|                                |   |                                       |
|--------------------------------|---|---------------------------------------|
| Land acquisition               | : | Alternate land yet to be handed over. |
| Civil work (%)                 | : | -                                     |
| Equipment received (%)         | : | -                                     |
| Equipment erected (%)          | : | -                                     |
| Scheduled date of completion   | : | Dec'18                                |
| Anticipated date of completion | : | June'20                               |

Remarks:  
Constraint if any: **Land handed over but, work could not be commenced due to public resistance. Alternate land is being explored by MSPCL.**

#### 6. 33/11 kV new sub-station at New Keithelmanbi

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 89       |
| Equipment received (%)         | : | 75       |
| Equipment erected (%)          | : | 70       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Tower / Beam/ Equipment erection is under progress.  
Constraint if any:

#### 7. 33/11 kV new sub-station at Top Khongangkhang

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 65       |
| Equipment received (%)         | : | 45       |
| Equipment erected (%)          | : | 25       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | June'20  |

Remarks: Control room building, Tower and Equipment erection is under progress.  
Constraint if any:

#### 8. Extn. of 33/11 kV Langdum S/s

Land acquisition : Acquired  
Remarks: **Bay test charged in October'19.**  
Constraint if any

**9. Extn. of 33/11 kV Mongsangei S/s**

Scheduled date of completion : Dec'18

**Remarks: Test charged in Jul'19.**

**10. Extn. of 33/11 kV Iroisemba S/s**

Scheduled date of completion : Dec'18

**Remarks: Test charged in Jul'19.**

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

Scheduled date of completion : Dec'18

**Charged in Jun'19.**

**12. Thoubal (Augmentation)**

Scheduled date of completion : Dec'18

**Transformer charged in May'19.**

**13. Wangjing (Augmentation)**

Scheduled date of completion : Dec'18

**Remarks: Trasformer charged in Aug'19.**

**14. Leimakhong (Augmentation)**

Scheduled date of completion : Dec'18

**Transformer charged in May'19.**

**15. Kangpokpi (Augmentation)**

Scheduled date of completion : Dec'18

**Remarks: Transformer charged in Sep'19.**

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

#### 16. 33/11 kV New Substation at Kwakta

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 93       |
| Equipment received (%)         | : | 85       |
| Equipment erected (%)          | : | 80       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: Transformer foundation, Tower and Equipment foundations completed.  
Equip. erection u/p.

Constraint if any:

#### 17. 33/11 kV New Substation at Leimapokpam

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 93       |
| Equipment received (%)         | : | 85       |
| Equipment erected (%)          | : | 80       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'19   |

Remarks: Transformer, Tower and equipment foundations completed. Equip. erection u/p.

Constraint if any:

#### 18. Ningthoukhong(Augmentation)

|                              |   |        |
|------------------------------|---|--------|
| Scheduled date of completion | : | Dec'18 |
|------------------------------|---|--------|

**Charged in Jun'19.**

#### 19. Yaingangpokpi(Augmentation)

|                              |   |        |
|------------------------------|---|--------|
| Scheduled date of completion | : | Dec'18 |
|------------------------------|---|--------|

Remarks: **Transformer charged in Sep'19.**

#### 20. Nambol(Augmentation)

|                              |   |        |
|------------------------------|---|--------|
| Scheduled date of completion | : | Dec'18 |
|------------------------------|---|--------|

**Transformer charged in May'19.**

#### 21. Khwairakpan (Augmentation)

|                              |   |        |
|------------------------------|---|--------|
| Scheduled date of completion | : | Dec'18 |
|------------------------------|---|--------|

**Transformer charged in May'19.**

**22. Moirang Khunou(Augmentation)**

Scheduled date of completion : Dec'18

Remarks: **Transformers charged in Sep'19.**  
Constraint if any

**23. Jiribam(Augmentation)**

Scheduled date of completion : Dec'18

Remarks: **Transformers charged in Sep'19.**  
Constraint if any

**24. Khoupum (Augmentation)**

Land acquisition : Acquired

Remarks: **Both transformers charged in Oct'19.**  
Constraint if any

**25. Tamenglong (Augmentation)**

Scheduled date of completion : Dec'18

Remarks: **Transformer charged in Sep'19**

**26. Extn. of Nambol (bay addition) s/s**

Scheduled date of completion : Dec'18

**Charged in Jun'19.**

**27. Extn. of Existing Moriung s/s**

Scheduled date of completion : Dec'18

**Charged in Jul'19.**

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

**28. 33/11 kV New Substation at Porompat**

Scheduled date of completion : Dec'18  
**Charged in Jun'19.**

**29. 33/11 kV New Substation at Thangal**

Land acquisition : Acquired  
Civil work (%) : 100  
Equipment received (%) : 95  
Equipment erected (%) : 95  
Scheduled date of completion : Dec'18  
Anticipated date of completion : Feb'20  
Remarks: Substation completed, ready for charging.  
Constraint if any :

**30. Aug. of Existing 33/11kV Khuman Lampak**

Scheduled date of completion : Dec'18  
**Charged in Jan'19.**

**31. Extn. of Existing 33/11kV Khoupom**

Scheduled date of completion : Dec'18  
**Test charged in April 2019.**

**32. 1x5 MVA. Napetpalli (Augmentation)**

Scheduled date of completion : Dec'18

**Charged in Nov'18.**

**33. 1x3.15 MVA Kamjong (Augmentation)**

Scheduled date of completion : Dec'18  
**Charged in Jun'19**

**34. 1x3.15 MVA Saikul (Augmentation)**

Scheduled date of completion : Dec'18  
**ICT Charged in Dec'18**

**35. 1x3.15 MVA New Chayang (Augmentation)**

Scheduled date of completion : Dec'18  
**Charged in Nov'18**

**36. 1x3.15 MVA Litan (Augmentation)**

Scheduled date of completion : Dec'18

**Transformer charged in Jan'19.**

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

**37. 33/11 kV New S/s at Sanjenbam**

Scheduled date of completion : Dec'18

**Remarks: Test Charged in Jul'19.**

**38. 33/11 kV New S/s at Tuilaphai**

Scheduled date of completion : Dec'18

**ICT and line charged in Dec'18.**

Constraint if any

**39. Extn. of Existing 33/11kV Napetpalli S/S**

Scheduled date of completion : Dec'18

**S/s extension charged in Dec'18.**

**40. 1x5 MVA Karong (Augmentation)**

Remarks: **ICT charged in Dec'18**

**41. 1x3.15 MVA Tadubi (Augmentation)**

Scheduled date of completion : Dec'18

**ICT charged in Dec'18.**

**42. 1x3.15 MVA Maram (Augmentation)**

Scheduled date of completion : Dec'18

**ICT charged in Feb'19.**

**DMS Line:**

| SI No. | Package/ Date of NOA | Name of Agency | Name of Line                                                      | Sch./Ant. Comp. | Status            |
|--------|----------------------|----------------|-------------------------------------------------------------------|-----------------|-------------------|
| 1      | DMS-04<br>18.03.16   | Siddhartha     | LILO of existing 33 kV Churachandpur to Thankew line at Tuilaphai | Dec'18          | Charged in Dec'18 |

| SI No. | Package/ Date of NOA | Name of Agency | Name of Line                                       | Sch./Ant. Comp. | Status                                         |
|--------|----------------------|----------------|----------------------------------------------------|-----------------|------------------------------------------------|
| 2      | DMS-01<br>03.03.17   | WinPower       | Mongsangei to Pishum                               | Dec'18/June'20  | Pole Erection:<br>Stringing: 0/10              |
| 3      | DMS-01<br>03.03.17   | WinPower       | Mongsangei to<br>hiyangthang                       | Dec'18/Dec'19   | Pole Erection:<br>138/138<br>Stringing: 0/5    |
| 4      | DMS-01<br>03.03.17   | WinPower       | LILO of Yurembum-<br>Noney line at<br>Keithelmanbi | Dec'18/June'20  | Pole Erection:<br>9/133<br>Stringing: 0/3      |
| 5      | DMS-01<br>03.03.17   | WinPower       | Iroisemba S/S to<br>Lamphel S/S                    | Dec'18/June'20  | Pole Erection:<br>Stringing: 0/5               |
| 6      | DMS-01<br>03.03.17   | WinPower       | Existing Iroisemba S/S<br>to Takyel TL             | Dec'18/June'20  | Pole Erection:<br>Stringing: 0/7               |
| 7      | DMS-01<br>03.03.17   | WinPower       | Top Khongnangkhang<br>to Porompat                  | Dec'18/June'20  | Pole Erection:0/94<br>Stringing: 0/3           |
| 8      | DMS-01<br>03.03.17   | WinPower       | Andro to Langdum S/S                               | Dec'18/June'20  | Pole Erection:<br>Stringing: 0/4               |
| 9      | DMS-02<br>16.12.16   | WinPower       | Moirang to Kwakta                                  | Dec'18/June'20  | Pole Erection:<br>153/175<br>Stringing: 0/6    |
| 10     | DMS-02<br>16.12.16   | WinPower       | Existing Nambol S/S to<br>Leinmapokpan             | Dec'18/June'20  | Pole Erection:<br>120/182<br>Stringing: 0/6    |
| 11     | DMS-03<br>18.03.16   | Siddartha      | Sanjenbam to<br>Porompat                           | Dec'18/         | Charged in Jun'19                              |
| 12     | DMS-03<br>18.03.16   | Siddartha      | Existing Khoupom to<br>Thangal                     | Dec'18/Mar'20   | Pole Erection:<br>936/1237<br>Stringing: 12/39 |
| 13     | DMS-04<br>18.03.16   | Siddartha      | Existing Napetpalli to<br>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-0, 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:**

**1 NAG-TW-01:** Awarded to M/s Shyama Power on 20<sup>th</sup> Sept'17

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

|                                |   |         |
|--------------------------------|---|---------|
| Line Length(km)                | : | 87      |
| Tower Locations(nos)           | : | 285     |
| Foundation completed(nos)      | : | 45      |
| Tower Erected(nos)             | : | 01      |
| Stringing completed(kms)       | : | -       |
| Scheduled date of completion   | : | Dec'18  |
| Anticipated date of completion | : | June'20 |

**2 NAG-TW-05:** Awarded to M/s Shyama Power on 21<sup>st</sup> Sept'17

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

|                                |   |         |
|--------------------------------|---|---------|
| Line Length (km)               | : | 14      |
| Tower Locations(nos)           | : | 48      |
| Foundation completed (nos)     | : | 18      |
| Tower Erected(nos)             | : | 01      |
| Stringing completed(kms)       | : | -       |
| Scheduled date of completion   | : | Dec'18  |
| Anticipated date of completion | : | June'20 |

**3 NAG-TW-06:** Awarded to Shyama Power on 31<sup>st</sup> May'18

i. Wokha (Doyang River) - Zunheboto – Mokokchung (Nagaland) 132 kV S/c on D/c line

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (km)               | : | 51.5   |
| Tower Locations (nos)          | : | 170    |
| Foundation completed (nos)     | : | 4      |
| Tower Erected (nos)            | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Nov'20 |

ii. LILO of Mokokchung (Nagaland) - Mariani (Assam) 132 kV D/c line at Longnak

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 0.637  |
| Tower Locations(nos)           | : | 05     |
| Foundation completed(nos)      | : | 05     |
| Tower Erected(nos)             | : | 02     |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Nov'20 |

**iii. Tuensang – Longleng 132 kV S/c on D/c line**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 29     |
| Tower Locations(nos)           | : | 102    |
| Foundation completed(nos)      | : | -      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Nov'20 |

**iv. LILO of Kohima – Wokha 132 kV S/c line at New Kohima**

|                                |   |                               |
|--------------------------------|---|-------------------------------|
| Line Length (km)               | : | 9.5 (Route survey completed.) |
| Tower Locations (nos)          | : | 36                            |
| Foundation completed (nos)     | : | 03                            |
| Tower Erected (nos)            | : | -                             |
| Stringing completed (kms)      | : | -                             |
| Scheduled date of completion   | : | Dec'18                        |
| Anticipated date of completion | : | Nov'20                        |

**v. LILO of Kohima – Meluri (Kiphire) 132 kV S/c line at Pfutsero**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (km)               | : | 2.7    |
| Tower Locations (nos)          | : | 9      |
| Foundation completed (nos)     | : | 7      |
| Tower Erected (nos)            | : | -      |
| Stringing completed (kms)      | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Nov'20 |

**Sub-station:**

**1. NAG-SS-01: Awarded to M/s Techno on 5<sup>th</sup> Dec'17**

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

|                                  |   |          |
|----------------------------------|---|----------|
| Land acquisition                 | : | Acquired |
| Civil work (%)                   | : | 10       |
| Equipment received (%) :         | : | -        |
| Equipment erected (%) :          | : | -        |
| Scheduled date of completion :   | : | Dec'18   |
| Anticipated date of completion : | : | Nov'20   |
| Remarks:                         |   |          |
| Constraint if any:               |   |          |

ii. 2x10 MVA, 132/33 kV new sub-station at Longleng

|                                      |   |          |
|--------------------------------------|---|----------|
| Land acquisition                     | : | Acquired |
| Civil work (%)                       | : | -        |
| Equipment received (%) :             | : | -        |
| Equipment erected (%) :              | : | -        |
| Scheduled date of completion :       | : | Dec'18   |
| Anticipated date of completion :     | : | Nov'20   |
| Remarks: Soil investigation started. |   |          |

2. **NAG-SS-02: Awarded to M/s Power Mech on 30<sup>th</sup> Nov'17**

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

|                                  |   |          |
|----------------------------------|---|----------|
| Land acquisition                 | : | Acquired |
| Civil work (%)                   | : | 5        |
| Equipment received (%) :         | : | 2        |
| Equipment erected (%) :          | : | -        |
| Scheduled date of completion :   | : | Dec'18   |
| Anticipated date of completion : | : | Nov'20   |

Remarks:. Soil investigation completed & Site leveling is under progress.

Constraint if any:

ii. 132kV Tuensang Substation Extension

|                                  |   |          |
|----------------------------------|---|----------|
| Land acquisition                 | : | Acquired |
| Civil work (%)                   | : | -        |
| Equipment received (%) :         | : | -        |
| Equipment erected (%) :          | : | -        |
| Scheduled date of completion :   | : | Dec'18   |
| Anticipated date of completion : | : | Nov'20   |

Remarks: CEA has accorded approval for 2x10 MVA 132/33kV transformers for Tuensang in meeting dated 30.05.19.

Constraint if any:

iii. 132kV Mokokchung(State) Substation Extension

|                          |   |          |
|--------------------------|---|----------|
| Land acquisition         | : | Acquired |
| Civil work (%)           | : | 20       |
| Equipment received (%) : | : | 10       |

|                                |   |        |
|--------------------------------|---|--------|
| Equipment erected (%)          | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Nov'20 |

Remarks:  
Constraint if any:

iv. 220kV Mokokchung (POWERGRID) Substation Extn

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 15       |
| Equipment received (%)         | : | 5        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Nov'20   |

Remarks:  
Constraint if any:

**3. NAG-SS-03: Awarded to M/s Shyama Power on 14<sup>th</sup> Dec'17**

i. 2x25 MVA, 132/33 kV new sub-station at New Secretariat Complex Kohima

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 15       |
| Equipment received (%)         | : | 10       |
| Equipment erected (%)          | : |          |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Jun'20   |

Remarks:

Constraint if any:

ii. 220/132kV New Kohima Substation (extension)

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 45       |
| Equipment received (%)         | : | 25       |
| Equipment erected (%)          | : | 15       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Jun'20   |

Remarks: Tower & Equipment erection work is in progress.  
Constraint if any:

**4. NAG-SS-04: Awarded to M/s PowerMech on 13<sup>th</sup> Dec'17**

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

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 12       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Jun'20   |

Remarks:  
Constraint if any:

ii. 1x25 MVA, 132/33 kV transformer at Wokha (extension)

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 45       |
| Equipment received (%)         | : | 25       |
| Equipment erected (%)          | : | 10       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Jun'20   |

Remarks:  
Constraint if any:

### **DMS Substations**

#### **NAG-DMS-01: Awarded to JV of Techno & Rausheena on 12<sup>th</sup> Feb'18**

**1. 33/11 kV New S/s at Longtho**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 25       |
| Equipment received (%)         | : | 15       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Nov'20   |

Remarks: Boundary wall construction and C.R.B is under progress.  
Constraint if any:

**2. 33/11 kV New S/s at Longleng Town**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 29       |
| Equipment received (%)         | : | 25       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Nov'20   |

Remarks: 1. Xmer fdn- casting work in progress.  
2. B Wall- work in progress.  
3. CRB-work in progress.

Constraint if any:

**3. 33kV Bay extension at Longnak**

|                                 |   |          |
|---------------------------------|---|----------|
| Land acquisition                | : | Acquired |
| Civil work (%)                  | : | 20       |
| Equipment received (%)          | : | 15       |
| Equipment erected (%)           | : | -        |
| Scheduled date of completion    | : | Dec'18   |
| Anticipated date of completion: |   | Nov'20   |

Remarks: Soil investigation done. Contour survey completed.  
Constraint if any:

**4. Augmentation of 33kV Changtongya S/S**

|                                 |   |          |
|---------------------------------|---|----------|
| Land acquisition                | : | Acquired |
| Civil work (%)                  | : | 20       |
| Equipment received (%)          | : | 15       |
| Equipment erected (%)           | : | -        |
| Scheduled date of completion    | : | Dec'18   |
| Anticipated date of completion: |   | Nov'20   |

Remarks: Contour survey completed.  
Constraint if any:

**5. Augmentation of 33kV Mangkolemba S/S**

|                                 |   |          |
|---------------------------------|---|----------|
| Land acquisition                | : | Acquired |
| Civil work (%)                  | : | 20       |
| Equipment received (%)          | : | 15       |
| Equipment erected (%)           | : | -        |
| Scheduled date of completion    | : | Dec'18   |
| Anticipated date of completion: |   | Nov'20   |

Remarks: Contour survey completed. Soil investigation done.  
Constraint if any:

**NAG-DMS-02 : Awarded to JV of Techno & Rausheena on 11<sup>th</sup> Jan'18**

**6. 33/11 kV New S/s at Mokochung Town Power House**

|                                 |   |          |
|---------------------------------|---|----------|
| Land acquisition                | : | Acquired |
| Civil work (%)                  | : | 20       |
| Equipment received (%)          | : | 15       |
| Equipment erected (%)           | : |          |
| Scheduled date of completion    | : | Dec'18   |
| Anticipated date of completion: |   | Oct'20   |

Remarks: Contur survey & Soil investigation done.  
Constraint if any

**7. 33/11 kV New S/s at Mokochung Town Hospital Area**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 20       |
| Equipment received (%)         | : | 15       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Oct'20   |

Remarks: Contour survey & Soil investigation done  
Constraint if any

**8. 33/11 kV New S/s at Zunheboto south point**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 15       |
| Equipment received (%)         | : | 05       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Oct'20   |

Remarks:  
Constraint if any

**9. 33kV Bay extension at Mokochung**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 10       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Oct'20   |

Remarks: Contour survey completed. soil investigation done  
Constraint if any

**10. 33kV Bay extension at Suruhuto**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 05       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Oct'20   |

Remarks:  
Constraint if any

**11. 33kV Bay extension at Akuloto**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 05       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Oct'20   |

Remarks: Contour survey completed. soil investigation done  
Constraint if any

## 12. 33kV Bay extension at Pughoboto

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 15       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Oct'20   |

Remarks: Contour survey and soil investigation completed.  
Constraint if any

## 13. 33kV Bay extension at Torogonyu

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 10       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Oct'20   |

Remarks:.. soil investigation done  
Constraint if any

## 14. Chukitong Existing S/s - Capacity Augmentation

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 15       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Oct'20   |

Remarks: Soil investigation completed.  
Constraint if any

## 15. Tseminyu Existing S/s - Capacity Augmentation

|                  |   |          |
|------------------|---|----------|
| Land acquisition | : | Acquired |
|------------------|---|----------|

|                                 |   |        |
|---------------------------------|---|--------|
| Civil work (%)                  | : | 15     |
| Equipment received (%)          | : | -      |
| Equipment erected (%)           | : | -      |
| Scheduled date of completion :  |   | Dec'18 |
| Anticipated date of completion: |   | Oct'20 |

Remarks: Soil investigation completed.  
Constraint if any

**16. Wokha Power House Existing S/s - Capacity Augmentation**

|                                 |   |              |
|---------------------------------|---|--------------|
| Land acquisition                | : | Not acquired |
| Civil work (%)                  | : | -            |
| Equipment received (%)          | : | -            |
| Equipment erected (%)           | : | -            |
| Scheduled date of completion :  |   | Dec'18       |
| Anticipated date of completion: |   | Oct'20       |

Remarks: Land handed over in Nov'19.  
Constraint if any

**NAG-DMS-03: Awarded to M/s S&W on 22<sup>nd</sup> Sep'16**

**17. 33/11 kV New S/s at Lalmati**

|                                |        |
|--------------------------------|--------|
| Scheduled date of completion : | Dec'18 |
|--------------------------------|--------|

**Charged in Jun'19.**

**18. 33/11 kV New S/s at Zhadima (New Kohima)**

|                                 |   |          |
|---------------------------------|---|----------|
| Land acquisition                | : | Acquired |
| Civil work (%)                  | : | 85       |
| Equipment received (%)          | : | 85       |
| Equipment erected (%)           | : | 65       |
| Scheduled date of completion :  |   | Dec'18   |
| Anticipated date of completion: |   | Jan'20   |

Remarks: Transformer, isolator, CT received. Transformer Erection completed.  
Constraint if any:

**19. 33/11 kV New S/s at Pfutsero**

Land acquisition : Acquired  
 Civil work (%) : 65  
 Equipment received (%) : 55  
 Equipment erected (%) : 45  
 Scheduled date of completion : Dec'18  
 Anticipated date of completion: Mar'20  
 Remarks: Transformer foundation & Erection completed.  
 Constraint if any:

**20. Botsa (Augementation)**

Scheduled date of completion : Dec'18

**Remarks: Charged in Jul'19.**

**21. Chakabhama (Augementation)**

Scheduled date of completion : Dec'18

**Transformer charged in May'19.**

**22. ITI Kohima (Augementation)**

Scheduled date of completion: Dec'18

**Remarks: 1 no. Transformer charged in Apr'19. 2<sup>nd</sup> Transformer charged in Sep'19.**

**NAG-DMS-04: Awarded to M/s S&W on 22<sup>nd</sup> Sep'16**

**23. 33/11 kV New S/s at Padam Pukhri**

Land acquisition : Acquired  
 Civil work (%) : 75  
 Equipment received (%) : 65  
 Equipment erected (%) : 60  
 Scheduled date of completion: Dec'18  
 Anticipated date of completion : Feb'20

Remarks: Transformer foundation completed. Boundary wall and Control room in progress. Transformer, isolator, CT received. 01 Transformer erected.

Constraint if any:

**24. 33/11 kV New S/s at Tizit**

Land acquisition : Acquired

Remarks: **One X-mer charged in Oct'19. 2<sup>nd</sup> X-mer anticipated for charging in Dec'19.**

Constraint if any:

**25. Extn. of Existing 33/11kV Nagarjan**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 95       |
| Equipment received (%)         | : | 95       |
| Equipment erected (%)          | : | 90       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Jan'20   |

Remarks: Civil / Erection works completed, ready for charging.

Constraint if any:

**26. Industrial Estate SS (Augmentation)**

Scheduled date of completion : Dec'18  
**Charged in Mar'19.**

**27. Refferal Hospital SS (Augmentation)**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 70       |
| Equipment received (%)         | : | 55       |
| Equipment erected (%)          | : | 50       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Jan'20   |

Remarks: Equipment foundation and cable trench work is under progress.

Constraint if any:

**DMS Line:**

| Sl No. | Package/ Date of NOA | Name of Agency | Name of Line                                                                     | Sch./Ant. Comp. | Status                                      |
|--------|----------------------|----------------|----------------------------------------------------------------------------------|-----------------|---------------------------------------------|
| 1      | DMS-01<br>12.02.18   | Techno Power   | Existing 33 kV Mok -Mariani line to prop. 33/11 kV Longtho S/s                   | Dec'18/Nov'20   | Pole Erection:<br>Stringing: 0/0.5          |
| 2      | DMS-01<br>12.02.18   | Techno Power   | Prop.132/33 kV Longleng S/s to Prop. 33/11kV Longleng town S/s                   | Dec'18/Nov'20   | Pole Erection:<br>Stringing: 0/5            |
| 3      | DMS-01<br>12.02.18   | Techno Power   | LILO of Existing 33kV Mok - Mariani line at Exist. 33/11 kV Longnak S/s          | Dec'18/Nov'20   | Pole Erection:<br>Stringing: 0/2            |
| 4      | DMS-02<br>11.01.18   | Techno Power   | Existing 66/33kV Mokokchung S/s to New 33/11kV s/s Mokokchung Town Power House   | Dec'18/Oct'20   | Pole Erection:<br>Stringing: 0/12           |
| 5      | DMS-02<br>11.01.18   | Techno Power   | Existing 66/33kV Mokokchung S/s to New 33/11kV s/s Mokokchung Town Hospital Area | Dec'18/Oct'20   | Pole Erection:<br>Stringing: 0/16           |
| 6      | DMS-02<br>11.01.18   | Techno Power   | New 132/33kV Zunheboto S/s to New 33/11kV s/s Zunheboto South Point              | Dec'18/Oct'20   | Pole Erection:<br>Stringing: 0/4            |
| 7      | DMS-02<br>11.01.18   | Techno Power   | Existing 33/11kV Suruhuto S/s to Exist. 33/11kV s/s Akuloto                      | Dec'18/Oct'20   | Pole Erection:<br>Stringing: 0/18           |
| 8      | DMS-02<br>11.01.18   | Techno Power   | Existing 33/11kV Pughoboto S/s to Exist. 33/11kV s/s Torogonyu                   | Dec'18/Oct'20   | Pole Erection:<br>Stringing: 0/4            |
| 9      | DMS-03<br>22.09.16   | S&W            | 132/33 kV Kohima (New) SS to 33/11 kV Zhadima                                    | Dec'18/ Dec'19  | Pole Erection:13/13<br>Stringing: 0.25/0.25 |
| 10     | DMS-03<br>22.09.16   | S&W            | 33 kV TL from 132/33 kV new to 33/11 kV new Pfutsero S/S                         | Dec'18/ Dec'19  | Pole Erection: 0/63<br>Stringing: 0/4       |
| 11     | DMS-04<br>22.09.16   | S&W            | Existing 132/66/33 kV Nagarjan S/S to new 33/11 kV S/S Padampukhri               | Dec'18/ Dec'19  | Pole Erection: 112/192<br>Stringing: 0/6    |

## **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 12<sup>th</sup> June'17.

#### **1. TRP-TW-01:**

##### **i. Udaipur - Bagafa 132 kV D/C line**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (km)               | : | 31.95  |
| Tower Locations (nos)          | : | 126    |
| Foundation completed (nos)     | : | 2      |
| Tower Erected (nos)            | : | -      |
| Stringing completed (kms)      | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

##### **ii. Bagafa – Belonia 132 kV D/C line**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 12.75  |
| Tower Locations(nos)           | : | 51     |
| Foundation completed(nos)      | : | -      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

##### **iii. Bagafa – Satchand 132 kV S/c on D/C line**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 29.37  |
| Tower Locations(nos)           | : | 118    |
| Foundation completed(nos)      | : | 7      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

##### **iv. 132kV Interconnecting portion of 132kV Sabroom - Satchand at Satchand end**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 2.468  |
| Tower Locations(nos)           | : | 10     |
| Foundation completed(nos)      | : | -      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

## 2. TRP-TW-02:

### i. Rabindra Nagar – Rokhia 132 kV D/C line

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 19.458 |
| Tower Locations(nos)           | : | 87     |
| Foundation completed(nos)      | : | -      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

### ii. LILO of one circuit of Surajmaninaqar - Rokhia 132 kV D/c line at Gokulnagar

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 2.5    |
| Tower Locations(nos)           | : | 14     |
| Foundation completed(nos)      | : | 8      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

### iii. Rabindra Nagar – Belonia 132 kV D/C line

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 56.057 |
| Tower Locations(nos)           | : | 135.   |
| Foundation completed(nos)      | : | -      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

Constraint if any: Forest area (75 Ha) Stage I clearance obtained on 12.04.2019.  
Working permission awaited.

iv. Belonia – Sabroom 132 kV D/C line

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 37.9   |
| Tower Locations(nos)           | : | 132    |
| Foundation completed(nos)      | : | -      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

v. 132kV Interconnecting portion of 132kV Sabroom - Satchand at Sabroom end

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 1.153  |
| Tower Locations(nos)           | : | 6      |
| Foundation completed(nos)      | : | 2      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

3. **TRP-TW-03:**

i. LILO of Ambassa – P. K. Bari 132 kV S/C at Manu

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 0.897  |
| Tower Locations(nos)           | : | 5      |
| Foundation completed(nos)      | : | 3      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

ii. Kailasahar – Dharmanagar 132 kV D/C line

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 21.3   |
| Tower Locations(nos)           | : | 79     |
| Foundation completed(nos)      | : | 3      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

iii. LILO of Agartala (79 Tilla) - Dhalabil (Khowai) 132 kV S/C line at Mohanpur

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 1.24   |
| Tower Locations(nos)           | : | 8      |
| Foundation completed(nos)      | : | 2      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

iv. Udaipur- Amarpur 132 kV D/C line

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 15.159 |
| Tower Locations(nos)           | : | 64     |
| Foundation completed(nos)      | : | -      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

v. 132kV Interconnection portion from Manu (Old) S/S to Manu (New) S/S for charging of 132kV Manu - Chawmanu TL

|                                |   |        |
|--------------------------------|---|--------|
| Line Length(km)                | : | 3.705  |
| Tower Locations(nos)           | : | 16     |
| Foundation completed(nos)      | : | -      |
| Tower Erected(nos)             | : | -      |
| Stringing completed(kms)       | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

## **Sub-station**

**TRP-SS-01:** Awarded to SPML on 4<sup>th</sup> Nov'16

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

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 75       |
| Equipment received (%)         | : | 45       |
| Equipment erected (%)          | : | 20       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any:

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

|                                |   |           |
|--------------------------------|---|-----------|
| Land acquisition               | : | Acquired. |
| Civil work (%)                 | : | 50        |
| Equipment received (%)         | : | 35        |
| Equipment erected (%)          | : | 15        |
| Scheduled date of completion   | : | Dec'18    |
| Anticipated date of completion | : | Dec'20    |

Remarks:

Constraint if any:

**3. 2x50 MVA, 132/33 kV new sub-station at Belonia**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 55       |
| Equipment received (%)         | : | 45       |
| Equipment erected (%)          | : | 15       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any:

**4. 2x50 MVA, 132/33 kV new sub-station at Bagafa**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 69       |
| Equipment received (%)         | : | 45       |
| Equipment erected (%)          | : | 15       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any :

**TRP-SS-02: Awarded to SPML on 4<sup>th</sup> Nov'16**

**5. 2x50 MVA, 132/33 kV new sub-station at Rabindra Nagar**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 70       |
| Equipment received (%)         | : | 45       |
| Equipment erected (%)          | : | 20       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any :

#### **6. 2x50 MVA, 132/33 kV new sub-station at Gokulnagar**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 89       |
| Equipment received (%)         | : | 65       |
| Equipment erected (%)          | : | 60       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any :

#### **7. Augmentation of Udaipur sub-station**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 70       |
| Equipment received (%)         | : | 60       |
| Equipment erected (%)          | : | 55       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any : Existing 132 kV Tower to be shifted by TSECL.

#### **8. Augmentation of Jirania sub-station**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 75       |
| Equipment received (%)         | : | 45       |
| Equipment erected (%)          | : | 35       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any :

#### **9. 132/33/11 kV Rokhia (Extn) Substation**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 65       |
| Equipment received (%)         | : | 35       |
| Equipment erected (%)          | : | 30       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any :

**TRP-SS-03: Awarded to SPML on 4<sup>th</sup> Nov'16**

**10. 2x50 MVA, 132/33 kV new sub-station at Manu**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 45       |
| Equipment received (%)         | : | 35       |
| Equipment erected (%)          | : | 15       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Remarks:                       |   |          |
| Constraint if any              | : |          |

**11. 2x31.5 MVA, 132/33 kV new sub-station at Mohonpur (Hezamara)**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 88       |
| Equipment received (%)         | : | 45       |
| Equipment erected (%)          | : | 40       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Remarks:                       |   |          |
| Constraint if any              | : |          |

**12. 2x31.5 MVA, 132/33 kV new Substation at Amarpur**

|                                  |   |          |
|----------------------------------|---|----------|
| Land acquisition                 | : | Acquired |
| Civil work (%)                   | : | 40       |
| Equipment received (%)           | : | 35       |
| Equipment erected (%)            | : | 25       |
| Scheduled date of completion     | : | Dec'18   |
| Anticipated date of completion : | : | Dec'20   |

Remarks:

Constraint if any :

**13. Replacement of existing 2x7.5 MVA, 132/33 kV transformer by 2x50 MVA, 132/33 kV transformer at Kailasahar,**

|                                 |   |          |
|---------------------------------|---|----------|
| Land acquisition                | : | Acquired |
| Civil work (%)                  | : | 25       |
| Equipment received (%)          | : | 25       |
| Equipment erected (%)           | : |          |
| Scheduled date of completion :  | : | Dec'18   |
| Anticipated date of completion: | : | Dec'20   |

Remarks:

Constraint if any :

**14. 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**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 65       |
| Equipment received (%)         | : | 35       |
| Equipment erected (%)          | : | 10       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any :

**15. 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-**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : |          |
| Equipment received (%)         | : | 15       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Soil investigation completed. CB received at site.

Constraint if any :

**16. 132/33/11 kV Dharmanagar (Extn.) Substation**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 20       |
| Equipment received (%)         | : | 25       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Soil investigation completed. CB received at site.

Constraint if any

## Tripura –DMS

TRP-DMS-01: Awarded to Technofab on 22<sup>nd</sup> Feb'17

### 1. 33/11 kV New S/s at Karbook

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 75       |
| Equipment received (%)         | : | 45       |
| Equipment erected (%)          | : | 20       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks:

Constraint if any :

### 2. 33/11 kV New S/s at Muhuripur

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 05       |
| Equipment received (%)         | : | 20       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Soil investigation completed. CT, PT, LA received.

Constraint if any

### 3. 33/11 kV New S/s at Dalak (Chelagang)

|                                |   |           |
|--------------------------------|---|-----------|
| Land acquisition               | : | Acquired. |
| Civil work (%)                 | : | 03        |
| Equipment received (%)         | : | 15        |
| Equipment erected (%)          | : | -         |
| Scheduled date of completion   | : | Dec'18    |
| Anticipated date of completion | : | Dec'20    |

Remarks: New land handed over. CT, PT, LA received.

Constraint if any

:

### 4. 33/11 kV New S/s at Chittamara

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 05       |
| Equipment received (%)         | : | 15       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: New land handed over. CT, PT, LA received.

:

**5. 33/11 kV New S/s at Maharani**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 45       |
| Equipment received (%)         | : | 35       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Boundary wall , CRB work is under progress. CT, PT, LA received.

Constraint if any :

**6. 33/11 kV New S/s at Chechua**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 35       |
| Equipment received (%)         | : | 25       |
| Equipment erected (%)          | : | 10       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any :

**7. 33/11 kV New S/s at Garjee**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 45       |
| Equipment received (%)         | : | 25       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Boundary wall – , CRB and Transformer foundation work is under progress.  
CT, PT, LA received.

Constraint if any :

**8. 33 kV Joliabari S/s (Cap. Aug.)**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : |          |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Constraint if any :

**9. 33 kV Rani S/s (Cap. Aug.)**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | 20       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Constraint if any              | : |          |

**10. 33 kV S/s extension at Jatanbari**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | 2        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Constraint if any              | : |          |

**11. 33 kV S/s extension at 132/33kV Udaipur (existing)**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | 2        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Constraint if any              | : |          |

**12. 33 kV S/s extension at Belonia**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Constraint if any              | : |          |

**TRP-DMS-02:** Awarded to Technofab on 20<sup>th</sup> Jan'17

**13. 33/11 kV New S/s at Manughat**

|                                |   |                                        |
|--------------------------------|---|----------------------------------------|
| Land acquisition               | : | Alternate Land handed over in Sept'19. |
| Civil work (%)                 | : | -                                      |
| Equipment received (%)         | : | 10                                     |
| Equipment erected (%)          | : | -                                      |
| Scheduled date of completion   | : | Dec'18                                 |
| Anticipated date of completion | : | Dec'20                                 |
| Remarks: CT, PT, LA received.  | : |                                        |
| Constraint if any              | : |                                        |

**14. 33/11 kV New S/s at Srinagar**

|                                |   |           |
|--------------------------------|---|-----------|
| Land acquisition               | : | Acquired. |
| Civil work (%)                 | : | 5         |
| Equipment received (%)         | : | 10        |
| Equipment erected (%)          | : | -         |
| Scheduled date of completion   | : | Dec'18    |
| Anticipated date of completion | : | Dec'20    |

Remarks: CT, PT, LA received.

Constraint if any :

**15. 33/11 kV New S/s at Gabardi**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 75       |
| Equipment received (%)         | : | 55       |
| Equipment erected (%)          | : | 35       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks:

Constraint if any :

**16. 33/11 kV New S/s at Rupaichari**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 75       |
| Equipment received (%)         | : | 45       |
| Equipment erected (%)          | : | 25       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks:

Constraint if any :

**17. 33/11 kV New S/s at Ekinpur**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 20       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Boundary wall , Transformer foundation completed. Control room foundation work started.

Constraint if any: Work held up due to forest (0.19 ha.) involvement.  
Approval awaited.

**18.33/11 kV New S/s at Barpathari**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 25       |
| Equipment received (%)         | : | 15       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Boundary wall, Tower foundation, transformer foundation, and CRB works are under progress. CT, PT, LA received.

Constraint if any : Work held up due to forest & wild life (0.22 ha.) involvement. Approval awaited.

**19.33 kV S/s extension & Augmentation at Rajnagar**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 10       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: CRB work is in progress

Constraint if any :

**20.33 kV S/s extension at Silachari**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 0        |
| Equipment received (%)         | : | 0        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Soil investigation is in progress

Constraint if any :

**21.33 kV Hridhyamukh S/s (Cap. Aug.)**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 20       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks: CRB work is in progress

Constraint if any :

**TRP-DMS-03:** Awarded to Technofab on 22<sup>nd</sup> Feb'17

**22.33/11 kV New S/s at Sekerkote**

|                                |   |                        |
|--------------------------------|---|------------------------|
| Land acquisition               | : | Yet to be handed over. |
| Civil work (%)                 | : | -                      |
| Equipment received (%)         | : | 10                     |
| Equipment erected (%)          | : | -                      |
| Scheduled date of completion   | : | Dec'18                 |
| Anticipated date of completion | : | Dec'20                 |

Remarks: Alternate land yet to handover.

Constraint if any :

**23.33/11 kV New S/s at Golaghati**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 20       |
| Equipment received (%)         | : | 15       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Boundary wall , CT, PT, LA received

Constraint if any :

**24.33/11 kV New S/s at Durganagar**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | 10       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: CT, PT, LA received.

Constraint if any :

**25.33/11 kV New S/s at Nidaya**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 15       |
| Equipment received (%)         | : | 10       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Control room foundation is under progress. Boundary wall completed. CT, PT, LA received.

Constraint if any : Work held up due to forest & wild life (0.32 ha.) involvement. Approval awaited.

**26. 33/11 kV New S/s at Nalchar**

|                                |   |                               |
|--------------------------------|---|-------------------------------|
| Land acquisition               | : | Soil investigation completed. |
| Civil work (%)                 | : |                               |
| Equipment received (%)         | : | 10                            |
| Equipment erected (%)          | : |                               |
| Scheduled date of completion   | : | Dec'18                        |
| Anticipated date of completion | : | Dec'20                        |

Remarks: Soil investigation completed. CT, PT, LA received.

Constraint if any :

**27. 33kV S/s Takarjala - Capacity Augmentation**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : |          |
| Equipment received (%)         | : |          |
| Equipment erected (%)          | : |          |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Constraint if any :

**28. 33kV S/s Madhupur - Capacity Augmentation & extension**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Constraint if any :

**29. 33kV S/s Melaghar - Capacity Augmentation**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Constraint if any :

**30.33 kV S/s Kathalia - Capacity Augmentation**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 2        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Constraint if any :

**31.33 kV S/s extension at Bishramhanj-**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Constraint if any              | : |          |

**32.33 kV S/s extension at Jangalia**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Constraint if any              | : |          |

**TRP-DMS-04: Awarded to Technofab on 20<sup>th</sup> Jan'17****33.33/11 kV New S/s at Khowai**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 55       |
| Equipment received (%)         | : | 25       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: 95% Boundary wall completed. CT, PT, LA received.

Constraint if any :

**34. 33/11 kV New S/s at Simna**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 60       |
| Equipment received (%)         | : | 25       |
| Equipment erected (%)          | : | 25       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks:

Constraint if any :

**35. 33/11 kV New S/s at Barkathal**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 68       |
| Equipment received (%)         | : | 35       |
| Equipment erected (%)          | : | 10       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any :

**36. 33/11 kV New S/s at Bamutia**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 65       |
| Equipment received (%)         | : | 25       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks:

Constraint if any :

**37. 33/11 kV New S/s at Lembucherra**

|                                |   |        |
|--------------------------------|---|--------|
| Land acquisition               | : |        |
| Civil work (%)                 | : | -      |
| Equipment received (%)         | : | 10     |
| Equipment erected (%)          | : | -      |
| Scheduled date of completion   | : | Dec'18 |
| Anticipated date of completion | : | Dec'20 |

Remarks: CT, PT, LA received.

Constraint if any:

**38.33/11 kV New S/s at Champak Nagar**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 35       |
| Equipment received (%)         | : | 20       |
| Equipment erected (%)          | : | 10       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any :

**39.33/11 kV New S/s at Ranirbazar**

|                                |   |                                                                 |
|--------------------------------|---|-----------------------------------------------------------------|
| Land acquisition               | : | Soil condition very poor, alternate land yet to be handed over. |
| Civil work (%)                 | : | -                                                               |
| Equipment received (%)         | : | 10                                                              |
| Equipment erected (%)          | : | -                                                               |
| Scheduled date of completion   | : | Dec'18                                                          |
| Anticipated date of completion | : | Dec'20                                                          |

Remarks: Soil investigation completed. CT, PT, LA received.

Constraint if any: Identified land is a marshy land, not feasible for construction due to very low soil bearing capacity. Alternate land yet to be handed over. :

**40.33/11 kV New S/s at ADC Head Qtr**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 45       |
| Equipment received (%)         | : | 25       |
| Equipment erected (%)          | : | 10       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

Remarks:

Constraint if any :

**41.33/11 kV Mungiakami S/s**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 25       |
| Equipment received (%)         | : | 20       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any

**42. 33/11 kV Taidu S/s**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | 10       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Soil investigation completed. CT, PT, LA received.  
Constraint if any

**43. 33 kV S/s extension at 132/33 kV s/s Dhalabil**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Constraint if any              | : |          |

**44. 33 kV S/s extension at 33/11 kV S/s Durjoynagar**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 10       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Constraint if any              | : |          |

**45. 33 kV S/s extension at Jirania**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Constraint if any              | : |          |

**46. 33 kV S/s extension & Cap. Aug. at Hezamara**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 65       |
| Equipment received (%)         | : | 65       |
| Equipment erected (%)          | : | 55       |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Mar'20   |

**One X-mer Charged in Oct'18**

:

**47.33 kV S/s extension at Ampura**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 10       |
| Equipment received (%)         | : | 5        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Constraint if any :

**48.33 kV S/s extension at Telimura**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Constraint if any :

**49.33 kV Khayerpur S/S (Cap. Aug)**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 20       |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Constraint if any

:

**TRP-DMS-05:** Awarded to Technofab on 22<sup>nd</sup> Feb'17

**50.33/11 kV New S/s at Jawahar Nagar**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 20       |
| Equipment received (%)         | : | 15       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any :

**51. 33/11 kV New S/s at Chailengta**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 20       |
| Equipment received (%)         | : | 15       |
| Equipment erected (%)          | : |          |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any

:

**52. 33/11 kV New S/s at Dhumachhera**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | 10       |
| Equipment erected (%)          | : |          |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks: Soil investigation completed. CT, PT, LA received.

Constraint if any

:

**53. 33/11 kV New S/s at 82 mile**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 25       |
| Equipment received (%)         | : | 12       |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Remarks:

Constraint if any

:

**54. 33/11 kV New S/s at Tilla Bazar**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |

Constraint if any: Identified land is a marshy land, not feasible for construction due to very low soil bearing capacity. Alternate land yet to be handed over.

Constraint if any

:  
**55. 33/11 kV New S/s at Durga Chowmohani**

|                                                                                  |   |           |
|----------------------------------------------------------------------------------|---|-----------|
| Land acquisition                                                                 | : | Acquired. |
| Civil work (%)                                                                   | : | 45        |
| Equipment received (%)                                                           | : | 25        |
| Equipment erected (%)                                                            | : | -         |
| Scheduled date of completion                                                     | : | Dec'18    |
| Anticipated date of completion                                                   | : | Dec'20    |
| Remarks: Boundary wall under progress, CRB and transformer foundation completed. |   |           |
| Constrains (if any)                                                              | : |           |

**56. 33 kV S/s extension at 132/33 kV S/s P K Bari**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Constraint if any              | : |          |

**57. 33 kV S/s extension at Kalaisahar**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Constraint if any              | : |          |

**58. 33 kV S/s Gandacherra S/S (Cap. Aug)**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | -        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Constraint if any              | : |          |

**59. 33 kV S/s Salema S/S (Cap. Aug)**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 5        |
| Equipment received (%)         | : | -        |
| Equipment erected (%)          | : | -        |
| Scheduled date of completion   | : | Dec'18   |
| Anticipated date of completion | : | Dec'20   |
| Constraint if any              | : |          |

**60.33 kV S/s Rangrung S/S (Cap. Aug)**

Land acquisition : Acquired  
 Civil work (%) : 5  
 Equipment received (%) : -  
 Equipment erected (%) : -  
 Scheduled date of completion : Dec'18  
 Anticipated date of completion : Dec'20

**61. Chamanu S/S**

Land acquisition : Acquired  
 Civil work (%) : -  
 Equipment received (%) : -  
 Equipment erected (%) : -  
 Scheduled date of completion : Dec'18  
 Anticipated date of completion : Dec'20

**DMS Line:**

| 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/<br>Mar'20 | Pole Erection:<br>13/13<br>Stringing:<br>0.1/0.1 |
| 2      | DMS-01  |                | LILO of existing Jolaibari - Bagafa line at Muhuripur   | Dec'18/<br>Dec'20 | Pole Erection:<br>0/506<br>Stringing: 0/16       |
| 3      | DMS-01  |                | Dalak (Chelagang) - Amarpur line                        | Dec'18/<br>Dec'20 | Pole Erection:<br>194/635<br>Stringing: 0/14     |
| 4      | DMS-01  |                | 33/11 kV Belonia–Chittamara                             | Dec'18/<br>Dec'20 | Pole Erection:0/498<br>Stringing: 0/9            |
| 5      | DMS-01  |                | Dalak(Chelagang) – Jatanbari                            | Dec'18/<br>Dec'20 | Pole Erection:<br>0/324<br>Stringing: 0/8        |
| 6      | DMS-01  |                | Garjee to Chittamara                                    | Dec'18/<br>Dec'20 | Pole Erection:<br>0/728<br>Stringing: 0/8        |
| 7      | DMS-01  |                | Udaipur to Maharani                                     | Dec'18/<br>Dec'20 | Pole Erection:<br>112/336<br>Stringing: 0/6      |

| SI No. | Package | Name of Agency | Name of line                                                | Sch./Ant. Comp.   | Status                                           |
|--------|---------|----------------|-------------------------------------------------------------|-------------------|--------------------------------------------------|
| 8      | DMS-01  |                | Garjee-Maharani                                             | Dec'18/<br>Dec'20 | Pole Erection:<br>288/566<br>Stringing: 0/20     |
| 9      | DMS-01  |                | 132/33kV Amarpur-Chechua                                    | Dec'18/<br>Dec'20 | Pole Erection:<br>154/806<br>Stringing: 0/19     |
| 10     | DMS-02  |                | Sabroom - Manughat                                          | Dec'18/<br>Dec'20 | Pole Erection:<br>0/695<br>Stringing: 0/12       |
| 11     | DMS-02  |                | Manughat - Srinagar                                         | Dec'18/<br>Dec'20 | Pole Erection:<br>0/985<br>Stringing: 0/16       |
| 12     | DMS-02  |                | Satchand - Srinagar                                         | Dec'18/<br>Dec'20 | Pole Erection:<br>133/947<br>Stringing: 0/19     |
| 13     | DMS-02  |                | Tapping point on existing Belonia - Hrishyamukh to Srinagar | Dec'18/<br>Dec'20 | Pole Erection:<br>136/702<br>Stringing: 0/15     |
| 14     | DMS-02  |                | Satchand - Rupaichari                                       | Dec'18/<br>Dec'20 | Pole Erection:<br>127/758<br>Stringing: 0/7      |
| 15     | DMS-02  |                | Rajnagar - Ekinpur                                          | Dec'18/<br>Dec'20 | Pole Erection:<br>148/767<br>Stringing: 0/16     |
| 16     | DMS-02  |                | LILO of existing Belonia - Rajnagar line at Barpathari      | Dec'18/<br>Dec'20 | Pole Erection:<br>101/359<br>Stringing: 0/9      |
| 17     | DMS-02  |                | Jolaibari - Silachari                                       | Dec'18/<br>Dec'20 | Pole Erection:<br>160/1362<br>Stringing: 0/25    |
| 18     | DMS-02  |                | Jolaibari - Satchand                                        | Dec'18/<br>Dec'20 | Pole Erection:<br>358/636<br>Stringing: 0/16     |
| 19     | DMS-02  |                | Rupaichari - Sabroom                                        | Dec'18/<br>Dec'20 | Pole Erection:<br>121/758<br>Stringing: 0/14     |
| 20     | DMS-02  |                | LILO of existing Surajmaninagar - Takarjala line at Gabardi | Dec'18/<br>Mar'20 | Pole Erection:<br>68/68<br>Stringing:<br>1.4/1.4 |

| SI No. | Package | Name of Agency | Name of line                                                                                                     | Sch./Ant. Comp.   | Status                                       |
|--------|---------|----------------|------------------------------------------------------------------------------------------------------------------|-------------------|----------------------------------------------|
| 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/<br>Dec'20 | Pole Erection:<br>Stringing: 0/4             |
| 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/<br>Dec'20 | Pole Erection:<br>Stringing: 0/3             |
| 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/<br>Dec'20 | Pole Erection:<br>Stringing: 0/6             |
| 24     | DMS-03  |                | 132/33kV Gokul Nagar (Proposed) to Golaghati                                                                     | Dec'18/<br>Mar'20 | Pole Erection:<br>80/452<br>Stringing: 0/13  |
| 25     | DMS-03  |                | Takarjala existing 33/11kV S/s to Golaghati                                                                      | Dec'18/<br>Dec'20 | Pole Erection:<br>290/470<br>Stringing: 0/10 |
| 26     | DMS-03  |                | Proposed Gokul Nagar 132/33kV S/S to Durganagar                                                                  | Dec'18/<br>Dec'20 | Pole Erection:<br>0/290<br>Stringing: 0/7    |
| 27     | DMS-03  |                | Madhupur existing 33/11kV S/s to Durganagar                                                                      | Dec'18/<br>Dec'20 | Pole Erection:0/420<br>Stringing: 0/10       |
| 28     | DMS-03  |                | Kathalia Existing 33/11kV S/s to Nidaya                                                                          | Dec'18/<br>Dec'20 | Pole Erection:<br>216/395<br>Stringing: 0/9  |
| 29     | DMS-03  |                | Melagarh Existing 33/11kV S/s to Nalchar                                                                         | Dec'18/<br>Dec'20 | Pole Erection:<br>0/288<br>Stringing: 0/7    |
| 30     | DMS-03  |                | Bishramganj Existing 33/11kV S/s to Nalchar                                                                      | Dec'18/<br>Dec'20 | Pole Erection:<br>Stringing: 0/9             |

| SI No. | Package | Name of Agency | Name of line                                                              | Sch./Ant. Comp.   | Status                                       |
|--------|---------|----------------|---------------------------------------------------------------------------|-------------------|----------------------------------------------|
| 31     | DMS-03  |                | Proposed Gokul Nagar 132/33kV S/S to tapping at Madhupur to Jangalia Line | Dec'18/<br>Dec'20 | Pole Erection:<br>Stringing: 0/1             |
| 32     | DMS-03  |                | Bishramganj 33/11kV S/s to Jangalia                                       | Dec'18/<br>Dec'20 | Pole Erection:0/394<br>Stringing: 0/11       |
| 33     | DMS-04  |                | Rajnagar Existing 33/11kV S/s to Nidaya                                   | Dec'18/<br>Dec'20 | Pole Erection:<br>261/641<br>Stringing: 0/17 |
| 34     | DMS-04  |                | 132/33kV S/S Mohanpur -Barkathal                                          | Dec'18/<br>Dec'20 | Pole Erection:0/362<br>Stringing: 0/9        |
| 35     | DMS-04  |                | 33/11kV S/s Lembucherra -Bamutia                                          | Dec'18/<br>Dec'20 | Pole Erection:0/335<br>Stringing: 0/8        |
| 36     | DMS-04  |                | Champak Nagar- ADC Head Qtr                                               | Dec'18/<br>Dec'20 | Pole Erection:<br>154/400<br>Stringing: 0/10 |
| 37     | DMS-04  |                | Existing 132/33kV S/S Dhalabil –Khowai                                    | Dec'18/<br>Dec'20 | Pole Erection:0/275<br>Stringing: 0/6        |
| 38     | DMS-04  |                | 33/11kV S/s Hezamara-Simna                                                | Dec'18/<br>Dec'20 | Pole Erection:<br>376/380<br>Stringing: 7/12 |
| 39     | DMS-04  |                | Jirania -ADC Head Qtr.                                                    | Dec'18/<br>Dec'20 | Pole Erection:<br>97/150<br>Stringing: 1/3   |
| 40     | DMS-04  |                | Hezamara -Barkathal                                                       | Dec'18/<br>Dec'20 | Pole Erection:<br>240/437<br>Stringing: 0/11 |
| 41     | DMS-04  |                | Durjoynagar –Bamutia                                                      | Dec'18/<br>Dec'20 | Pole Erection:<br>Stringing: 0/14            |
| 42     | DMS-04  |                | Hezamara- Dhalabil                                                        | Dec'18/<br>Dec'20 | Pole Erection:<br>32/694<br>Stringing: 0/22  |
| 43     | DMS-04  |                | Ampura s/s (under RGGVY) - Khowai                                         | Dec'18/<br>Dec'20 | Pole Erection:<br>0/532<br>Stringing: 0/13   |

| SI No. | Package | Name of Agency | Name of line                                                   | Sch./Ant. Comp.   | Status                                       |
|--------|---------|----------------|----------------------------------------------------------------|-------------------|----------------------------------------------|
| 44     | DMS-04  |                | Tapping point on Mohanpur -Hezamara existing 33kV feeder-Simna | Dec'18/<br>Dec'20 | Pole Erection:<br>45/444<br>Stringing: 0/14  |
| 45     | DMS-04  |                | 132/33kV Jirania (existing) to Champak Nagar                   | Dec'18/<br>Dec'20 | Pole Erection:0/221<br>Stringing: 0/8        |
| 46     | DMS-04  |                | 132/33kV Teliamura (existing) to Taidu                         | Dec'18/<br>Dec'20 | Pole Erection:<br>0/763<br>Stringing: 0/13   |
| 47     | DMS-04  |                | Chechua to Taidu                                               | Dec'18/<br>Dec'20 | Pole Erection:0/815<br>Stringing: 0/16       |
| 48     | DMS-04  |                | LILO of existing Agartala - Mohanpur line at Lembucherra       | Dec'18/<br>Dec'20 | Pole Erection:<br>0/56<br>Stringing: 0/1     |
| 49     | DMS-04  |                | LILO of existing Khayerpur - Jirania line at Ranirbazar        | Dec'18/<br>Dec'20 | Pole Erection:<br>0/36<br>Stringing: 0/0.8   |
| 50     | DMS-04  |                | LILO of existing Ambassa-Teliamura line at Mungiakami          | Dec'18/<br>Dec'20 | Pole Erection:0/300<br>Stringing: 0/6        |
| 51     | DMS-05  |                | Ambassa existing 132/33kV s/s to Jawahar Nagar                 | Dec'18/<br>Dec'20 | Pole Erection:<br>Stringing: 0/6             |
| 52     | DMS-05  |                | LILO of existing Chhamanu-Manu line at Chailengta              | Dec'18/<br>Dec'20 | Pole Erection:<br>53/72<br>Stringing: 0/1.8  |
| 53     | DMS-05  |                | Proposed Jawhar Nagar 33/11 kV S/s to Dhumachhera              | Dec'18/<br>Dec'20 | Pole Erection:<br>Stringing: 0/20            |
| 54     | DMS-05  |                | Proposed Manu 132/33 kV S/S to Dhumachera                      | Dec'18/<br>Dec'20 | Pole Erection:<br>50/137<br>Stringing: 0/3.5 |
| 55     | DMS-05  |                | 33 KV Line from Proposed Manu 132/33kV S/S to 82 Mile          | Dec'18/<br>Dec'20 | Pole Erection:0/391<br>Stringing: 0/11       |
| 56     | DMS-05  |                | P K Bari Existing 132/33kV S/s to 82 Mile                      | Dec'18/<br>Dec'20 | Pole Erection:<br>83/285<br>Stringing: 0/8   |

| SI No. | Package | Name of Agency | Name of line                                                                              | Sch./Ant. Comp.   | Status                                                                                                                                                                                                                                     |
|--------|---------|----------------|-------------------------------------------------------------------------------------------|-------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 57     | DMS-05  |                | Kalaisahar - Tilla Bazar                                                                  | Dec'18/<br>Dec'20 | Pole Erection:<br>Stringing: 0/9                                                                                                                                                                                                           |
| 58     | DMS-05  |                | Proposed Manu<br>132/33kV S/S to tapping<br>at Chawmanu - Manu<br>line                    | Dec'18/<br>Dec'20 | Pole Erection:<br>Stringing: 0/1.8                                                                                                                                                                                                         |
| 59     | DMS-05  |                | 33kV S/C line-I from<br>Kamalpur 132/33/11kV<br>S/S to Durgachowmohni<br>New 33/11kV S/S  | Dec'18/<br>Dec'20 | Pole Erection:<br>Stringing: 0/6                                                                                                                                                                                                           |
| 60     | DMS-05  |                | 33kV S/C line-II from<br>Kamalpur 132/33/11kV<br>S/S to Durgachowmohni<br>New 33/11kV S/S | Dec'18/<br>Dec'20 | Pole Erection:<br>Stringing: 0/6                                                                                                                                                                                                           |
| 61     | DMS-02  |                | Reconductoring of<br>Belonia - Rajnagar                                                   |                   | As per recent<br>CEA approval,<br>TSECL may<br>prioritize the<br>proposed lines<br>such that new<br>lines can be<br>constructed in<br>the cost<br>provision of 15<br>lines included in<br>DPR scope and<br>send to CEA for<br>examination. |
| 62     | DMS-02  |                | Reconductoring of<br>Belonia - Hriyshmukh                                                 |                   |                                                                                                                                                                                                                                            |
| 63     | DMS-03  |                | Reconductoring of<br>Badarghat to Jangalia                                                |                   |                                                                                                                                                                                                                                            |
| 64     | DMS-03  |                | Reconductoring of<br>Rabindranagar 132/33<br>KV S/S to Kathlia                            |                   |                                                                                                                                                                                                                                            |
| 65     | DMS-03  |                | Reconductoring of<br>Rabindranagar 132/33<br>KV S/S to Melaghar                           |                   |                                                                                                                                                                                                                                            |
| 66     | DMS-03  |                | Reconductoring of<br>Badharghat to SM Nagar                                               |                   |                                                                                                                                                                                                                                            |
| 67     | DMS-03  |                | Reconductoring of SM<br>Nagar to Takarjala                                                |                   |                                                                                                                                                                                                                                            |
| 68     | DMS-04  |                | Reconductoring of<br>Teliamura to Kalyanpur                                               |                   |                                                                                                                                                                                                                                            |
| 69     | DMS-04  |                | Reconductoring of<br>Dhalabil to Kalyanpur                                                |                   |                                                                                                                                                                                                                                            |
| 70     | DMS-04  |                | Reconductoring of<br>Mohanpur to Hezamara                                                 |                   |                                                                                                                                                                                                                                            |
| 71     | DMS-04  |                | Reconductoring of<br>Mohanpur to Agartala                                                 |                   |                                                                                                                                                                                                                                            |
| 72     | DMS-04  |                | Reconductoring of<br>Khayerpur to Jirania                                                 |                   |                                                                                                                                                                                                                                            |

| SI No. | Package | Name of Agency | Name of line                              | Sch./Ant. Comp. | Status |
|--------|---------|----------------|-------------------------------------------|-----------------|--------|
| 73     | DMS-05  |                | Reconductoring of Ambassa to Teliamura    |                 |        |
| 74     | DMS-01  |                | Reconductoring of Julaibari to Bagafa     |                 |        |
| 75     | DMS-01  |                | Reconductoring of Silachari to Tirthamukh |                 |        |

**Financial Status of NERPSIP as on 30<sup>th</sup> November 2019:**

| Sl. No. | Particulars      | Project head (in Crs.) | Other than Project cost (in Crs.) | Total (in Crs.) |
|---------|------------------|------------------------|-----------------------------------|-----------------|
| 1       | Amount received  | Rs. 2153.51            | Rs. 456.82                        | Rs. 2610.33     |
| 2       | Amount spent     | Rs. 1564.46            | Rs. 263.23                        | Rs. 1827.69     |
| 3       | Amount available | Rs. 589.05             | Rs. 193.59                        | Rs. 782.64      |

- **BE 2019-20** : Rs. 570 Cr.
- **RE 2019-20 (Proposed)** : Rs. 770 Cr.
- Amount released during FY 2019-20** : Rs. 570 Cr.

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

### **Background:**

Comprehensive scheme was evolved for strengthening of T&D works in Arunachal Pradesh & Sikkim, which covers various lines and substations at 33kV, 66kV, 132kV and 220kV voltage levels.

### **General Details:**

Date of Govt. approval : Oct 2014  
 Implementing Agency : PGCIL (as "Design-cum-implementation supervision Consultant")  
 Sanctioned Cost (Rs. crs) : 4754.42 (at April, 2013 price level)  
 RCE : under approval  
 Completion schedule : Dec, 2018 (48 months from date of release of 1<sup>st</sup> installment)

### **Summary**

| State                    | Packages                                                                                                        |                                          |                                                            | Total |
|--------------------------|-----------------------------------------------------------------------------------------------------------------|------------------------------------------|------------------------------------------------------------|-------|
|                          | Transmission Lines                                                                                              | Substations                              | Distribution Systems                                       |       |
| <b>Sikkim</b>            | 3 (TW-01, TW-02 & TW-04 )                                                                                       | 7 (SS-01, SS-03, SS-04, SS-06 to SS-09 ) | NA                                                         | 10    |
| <b>Arunachal Pradesh</b> | 19 (TW-01 to TW-03, TW-05 to TW-06, TW-08 to TW-13, TW-19, TW-21, & TW-24-26,OPGW –supply, OPGW Erect, Telecom) | 6 (SS-01A, SS-01B, SS-02 to SS-05)       | 8 (DMS-01A, DMS-01B, DMS-02 to DMS-04, DMS-05A to DMS-05C) | 33    |

| Last 5 Years' expenditure data (In Rs. Cr.) in respect of Comprehensive Scheme of T&D System in Ar. Pradesh & Sikkim |         |         |         |         |         |
|----------------------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|---------|
| 2014-15                                                                                                              | 2015-16 | 2016-17 | 2017-18 | 2018-19 | Total   |
| 22.34                                                                                                                | 26.4    | 207.8   | 382     | 532     | 1170.54 |

### **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

**TW-24 (Part-B)- Subject to approval of MoP**

- iv. 132 KV S/C line on D/C tower Khupi - Bomdila
- v. 132 KV S/C line on D/C tower Bomdila - Tawang
- vi. 132 KV S/C line Bomdila - Kalakthang (new element)
- vii. 132/33kV,4x10 MVA substation at Bomdila
- viii. 132/33kV,4x10 MVA substation at Tawang
- ix. 132/33kV,4x5 MVA substation at Kalaktang
- x. 132kV Bay extension at Khupi S/S

**15. TW-25**

- i) 132kV S/C Deomali - Khonsa
- ii) 132kV S/C Changlang – Jairampur
- iii) 132kV S/C on D/C Tower Khonsa – Longding
- iv) 132kV S/C Changlang – Jairampur
- v) 132kV S/C on D/C Tower Miao – Namsai

**16. 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

**17. OPGW supply**

**18. OPGW Erection**

**19. Telecom Equipment**

**20. 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

**21. 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

**22. 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

**23. 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.)

**24. ARP-SS04**

- i. 132/33kV Khonsa (New) s/s
- ii. 132/33kV Changlang (New) s/s
- iii. 132/33kV Jairampur (New) s/s
- iv. 132/33kV Maio (New) s/s
- v. 132kV Deomali (Extn) s/s
- vi. 132kV Namsai (Extn) s/s

**25. 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

**26. ARP-DMS -01A**

- i. 09 nos. 33/11 kV New S/s at All India Radio, Jeying, Likabali, Mebo, Napit, Nari, Ngopok, Oyan, Ruksin
- ii. 33 kV Bay addition at Old Passighat S/s.
- iii. 09 nos. 33kV lines (183 Kms)

**27. ARP-DMS -01B**

- i. 08 nos. 33/11 kV New S/s at Gensi, Gerukamukh, Hapoli, Igo, Koyu, Raga, Tirbin, Yazali
- ii. 12 nos. 33kV lines (371 Kms)
- iii. 132kV Along Extn. Substation

#### **28. ARP-DMS -02**

- i. 07 nos. 33/11 kV New S/s at Balem, Bana, Khenwa, Pipu, Rilo, Seijosa, Thriziono
- ii. 33 kV Bay addition at existing Bameng S/s & 33 kV existing Khuppi s/s
- iii. 33kV line from 132/33 kV Tenzing Gaon S/s being undertaken by DoP, Aurnachal Pradesh to Balem (60 Kms)
- iv. LILO of Seppa - khuppi line at Bana (2 Kms)
- v. 33kV line from 33/11 kV existing S/s at Bameng to Khenwa (25 Kms)
- vi. 33kV line from Proposed 132/33 kV Seppa S/s to Pipu (30 Kms)
- vii. 33kV line from 33/11 kV existing S/s at Khuppi to Thriziono (50 Kms)

#### **29. ARP-DMS -03**

- i. 11 nos. 33/11 kV New S/s at AP Secretariate, Doimukh, Gohpur Tinali, Jote, Klimtao (Bumla), Leporiang, Lumla, Mukta, Pappu Nallah, Raj Bhawan, Thimbu
- ii. 33 kV Bay addition at existing Bameng S/s & 33 kV 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 11<sup>th</sup> 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

#### **30. ARP-DMS -04**

- i. 11 nos. 33/11 kV New S/s at Changlang, Khonsa, Kanubari, Kharsang, Khimiyong, Longding, Manmao, Diyun, Choukham, Deomali, Namsai
- ii. 33kV Bay addition 220/132/33 kV existing Deomali s/s
- iii. 33kV line from Proposed 132/33 kV Miao S/s to Diyun (15 Kms)
- iv. 33kV line from 132/33 kV Namsai S/s of POWERGRID to Diyun (30 Kms)
- v. 33kV line from Proposed 132/33 kV Miao S/s to Kharsang (40 Kms)
- vi. 33kV line from Proposed 132/33 kV Changlang S/s to Khimiyong (40 Kms)
- vii. 33kV line from Proposed 132/33 kV Jairam Pur S/s to Manmao (25 Kms)
- viii. 33kV line from 132/33 kV Namsai S/s of POWERGRID to Choukham (25 Kms)

- ix. 33kV line from 132/33 kV Namsai S/s of POWERGRID to Namsai (10 Kms)
- x. 33kV line from Existing 220/132/33 kV Deomali S/s to Kanubari (50 Kms)
- xi. 33kV line from Proposed 132/33 kV Khonsa S/s to Longding (45 Kms)

### **31. ARP-DMS-5A:**

- i. 08 nos. 33/11 kV New S/s at Giba, Maro, Murimugli, Nacho, Nyapin, Sippi, Tali, Thalia
- ii. 33 kV Bay addition at Sangram S/s.
- iii. 08 nos. 33kV lines (273 Kms)

### **32. ARP-DMS-5B:**

- i. 9 nos. 33/11 kV New S/s at Boleng, Geku, Jengging, Kaying, Koreng, Maryang, Mechuka, Rumgong, Tuting
- ii. 33 kV Bay addition Goku & Along S/s.
- iii. 09 nos. 33kV lines (192 Kms)

### **33. ARP-DMS-5C:**

- i. 07 nos. 33/11 kV New S/s at Anini, Bijari, Bolung, Etalin, Halaipani, Hawaii, Wallong
- ii. 33 kV Bay addition at Simari, Wakro, Roing, Tezu, Hayuliang S/s.
- iii. 08 nos. 33kV lines (205 Kms)

## **SIKKIM**

### **1. SIKKIM TK-01**

- i. 220 kV D/C Rangpo (Samardong)-Dikchu Pool
- ii. 220 kV D/C Rangpo-Samardong) Transmission Line
- iii. 220 kV D/C New Melli-Legship Pool Transmission Line

### **2. SIKKIM TK-02**

- i. 132 kV D/C Dikchu-Perbing TL
- ii. 66 kV S/C Khamdong-Temi TL
- iii. 66 kV D/C Dikchu pool-Makha TL
- iv. 66 kV S/C Khamdong-Makha TL
- v. 66 kV S/C Samardong-Namthong TL
- vi. 66 kV S/C Samardong-Mamring TL
- vii. 66 kV D/C Samardong-Kumrek TL
- viii. 66 kV D/C Kumrek-Rorathang TL
- ix. 66 kV D/C Rorathang - LiLo point on Pakyong - Rongli Line
- x. 66 kV S/C Perbing – sichay TL
- xi. 66 kV S/C Perbing - Tadong TL
- xii. 66 kV 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. 220 kV D/C Singhik-Chungthang TL
- iii. 66 kV S/C Singhik-Passingdong TL
- iv. 66 kV S/C Singhik-Mangan TL
- v. 66 kV D/C Chungthang-Lachen TL
- vi. 66 kV D/C Chungthang-LILO point on Rabon-Malting line

### **4. SIKKIM SS – 01**

- i. 132/66/11 kV Dikchu Pool (New) S/S
- ii. 220 / 132 kV Legship pool (New) S/S
- iii. 66/11 kV 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 (2kMs.)
- iv. 66kV D/C Rinchenpong-LILO point on existing Namchi-Gayzing line (2kMs.)

### **8. SIKKIM SS-07**

- i. 66/11kV Rellichu (New) S/S
- ii. 66/11kV Sombaria (New) S/S
- iii. 66/11kV Rohthak (Extn.) S/S

- iv. 66/11kV Pelling (Extn.) S/S
- v. 66 kV S/C Pelling-Rellichu TL (25km)
- vi. LILO of 66kV S/C Rothak – Sombaria TL (2 km.)
- vii. OPGW installation (25 kms)

**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. Including 66kV UG FO cable & Power cable.
- iii. 66kV Old Namchi S/S extn.
- iv. LILO of 132 kV S/C Rangit-Melli (Power deptt. Sikkim) at Namchi (7kMs)
- v. 66 kV S/C Namchi- Old Namchi TL (3kMs.)
- vi. 66 kV S/C Namchi- New Namchi TL (5kMs.)

## **State wise Progress:**

### **Sikkim**

Total no. of packages: 10

No. of packages awarded: 10

| Sl. No | Packages                                | Description        | Remarks               |
|--------|-----------------------------------------|--------------------|-----------------------|
| 1.     | 3 (TW-01, TW-02, TW-04 )                | Transmission Lines | 3 packages : awarded  |
| 2.     | 7 (SS-01, SS-03, SS-04, SS-06 to SS-09) | Sub-stations       | 7 packages : awarded* |

\*One substation package was awarded but has been retendered as party had gone to NCLT

### **Transmission line:**

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

Line Length (kms) : 24.39  
Tower Location (nos) : 107  
Foundation completed (nos) : 67  
Tower Erected (nos) : 54  
Stringing completed (kms) : 1.35  
Anticipated date of completion : March'20  
Constraint if any: Severe RoW issue at 25 location and Pending for Forest Clearance 8 location.

**Remarks:** Foundation and erection work under progress.

2. **220 kV D/C Legship pool – New Melli line twin moose conductor**

***The line commissioned on 12.10.2017***

3. **220 kV D/C line Rangpo(PG) – Samardong (to be operated initially at 132kV)**

Line Length (kms) : 2.29  
Tower Location (nos) : 12  
Foundation completed (nos) : 4  
Tower Erected (nos) : 3  
Stringing completed (kms) : 0.05

Anticipated date of completion : Mar'20  
Constraint if any: RoW issues at 3 location demanding to shift the line. Forest clearance awaited for 4 locations.

**Remarks:** Foundations and erection work under progress.

**4. Dikchu – Perbing line 132kV D/C line**

Line Length (kms) : 20.30  
Tower Location (nos) : 102  
Foundation completed (nos) : 34  
Tower Erected (nos) : 11  
Stringing completed (kms) : 0  
Anticipated date of completion : Mar'20  
Constraint if any: Severe ROW issues at 49 locations. Perbing land yet to be handed over

**Remarks:** Foundation and tower erection under progress.

**5. 66 kV S/C Khamdong-Temi Transmission Line**

Line Length (kms) : 7.23  
Tower Location (nos) : 48  
Foundation completed (nos) : 38  
Tower Erected (nos) : 0  
Stringing completed (kms) : 0  
Anticipated date of completion : Mar'20  
Constraint if any: Forest clearance awaited. RoW at 4 location demanding shift the line.

**Remarks:** Route alignment & Detailed Survey approved. Foundations work under progress.

**6. 66 kV D/C Dikchu pool - Makha Transmission Line**

Line Length (kms) : 9.05  
Tower Location (nos) : 50  
Foundation completed (nos) : 34  
Tower Erected (nos) : 11  
Stringing completed (kms) : 0  
Anticipated date of completion : Mar'20  
Constraint if any: ROW Clearance awaited at 11 locations

**Remarks:** Route alignment & Detail Survey approved. Foundation and erection work under progress.

**7. 66 kV S/C Khamdong-Makha Transmission Line**

Line Length (kms) : 3.40  
Tower Location (nos) : 26  
Foundation completed (nos) : 20  
Tower Erected (nos) : 0  
Stringing completed (kms) : 0  
Anticipated date of completion : Mar'20

Constraint if any: ROW Clearance awaited at 4 locations, Khamdong S/s orientation yet to be finalized.

**Remarks:** Route alignment approved & Detail survey approved. Foundation work in progress.

**8. 66 kV S/C Samardong - Namthong Transmission Line**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (kms)              | : | 8.56   |
| Tower Location (nos)           | : | 63     |
| Foundation completed (nos)     | : | 30     |
| Tower Erected (nos)            | : | 27     |
| Stringing completed (kms)      | : | 0      |
| Anticipated date of completion | : | Mar'20 |

Constraint if any: Forest clearance awaited (3 locations), Samardong S/s orientation yet to be finalized.

**Remarks:** Route alignment approved & Detail survey 7.47km approved balance 0.94 km under progress. Foundations & Tower erection work under progress.

**9. 66 kV S/C Samardong - Mamring Transmission Line**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (kms)              | : | 5.35   |
| Tower Location (nos)           | : | 25     |
| Foundation completed (nos)     | : | 15     |
| Tower Erected (nos)            | : | 4      |
| Stringing completed (kms)      | : | 0      |
| Anticipated date of completion | : | Mar'20 |

Constraint if any: Forest clearance awaited at 1 location. Mamring S/s orientation yet to be finalized.

**Remarks:** Route alignment approved & Detail Survey completed. Foundations & Tower erection work is under progress.

**10. 66 kV D/C Samardong - Kumrek Transmission Line**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (kms)              | : | 11.69  |
| Tower Location (nos)           | : | 68     |
| Foundation completed (nos)     | : | 41     |
| Tower Erected (nos)            | : | 24     |
| Stringing completed (kms)      | : | 0      |
| Anticipated date of completion | : | Mar'20 |

Constraint if any: Forest clearance awaited

**Remarks:** Route alignment & Detail survey approved. Foundation and tower erection work under progress.

**11. 66 kV D/C Kumrek - Rorathang Transmission Line**

|                            |   |      |
|----------------------------|---|------|
| Line Length (kms)          | : | 4.75 |
| Tower Location (nos)       | : | 29   |
| Foundation completed (nos) | : | 28   |
| Tower Erected (nos)        | : | 25   |
| Stringing completed (kms)  | : | 2.12 |

Anticipated date of completion : Mar'20

Constraint if any: RoW at 1 locations

**Remarks:** Detail survey approved. Foundation, tower erection and stringing work under progress.

**12. 66 kV D/C Rorathang - LiLo point on Pakyong - Rongli Line**

Line Length (kms) : 4.47

Tower Location (nos) : 22

Foundation completed (nos) : 21

Tower Erected (nos) : 17

Stringing completed (kms) : 0.89

Anticipated date of completion : Mar'20

Constraint if any: RoW issue at 1 location demanding to shift the line from his land.

**Remarks:** Tower erection and stringing work under progress.

**13. 66 kV S/C Perbing – Sichey Transmission Line**

Line Length (kms) : 5.31

Tower Location (nos) : 10

Foundation completed (nos) : 0

Tower Erected (nos) : 0

Stringing completed (kms) : 0

Anticipated date of completion : June'20

Constraint if any: ROW Clearance, Perbing S/s land yet to be finalized.

**Remarks:** Route alignment approved & Detail survey under progress.

**14. 66 kV S/C Perbing - Tadong Transmission Line**

Line Length (kms) : 4.28

Tower Location (nos) : 26

Foundation completed (nos) : 6

Tower Erected (nos) : 0

Stringing completed (kms) : 0

Anticipated date of completion : June'20

Constraint if any: ROW Clearance, Perbing S/s yet to finalize

**Remarks:** Foundation work in progress.

**15. 66 kV D/C Perbing – Pangthang Transmission Line**

Line Length (kms) : 7.30

Tower Location (nos) : 11

Foundation completed (nos) : 0

Tower Erected (nos) : 0

Stringing completed (kms) : 0

Anticipated date of completion : June'20

Constraint if any: RoW 11 Locations, Perbing S/s yet to finalize.

**Remarks:** Route alignment & Detail survey approved. However route may be changed due to severe ROW.

**16. Singhik–Chungthang twin moose conductor (to be operated initially at 132kV) 220kV D/C line**

|                                |   |                                                                                                                                                  |
|--------------------------------|---|--------------------------------------------------------------------------------------------------------------------------------------------------|
| Line Length (kms)              | : | 29.23                                                                                                                                            |
| Tower Location (nos)           | : | 135                                                                                                                                              |
| Foundation completed (nos)     | : | 61                                                                                                                                               |
| Tower Erected (nos)            | : | 28                                                                                                                                               |
| Stringing completed (kms)      | : | 0                                                                                                                                                |
| Anticipated date of completion | : | Apr'20                                                                                                                                           |
| <b>Constraint if any</b>       | : | Severe RoW created at 36 locations demanding high compensation. Tree cutting required for erection and stringing work. Forest clearance awaited. |

**Remarks:** Route alignment approved & Detail Survey under progress. Foundations and tower erection work under progress.

**17. 220kV D/C line Dikchu - Singhik twin moose conductor (to be operated initially at 132kV)**

|                                |   |                                                          |
|--------------------------------|---|----------------------------------------------------------|
| Line Length (kms)              | : | 22.38                                                    |
| Tower Location (nos)           | : | 128                                                      |
| Foundation completed (nos)     | : | 47                                                       |
| Tower Erected (nos)            | : | 32                                                       |
| Stringing completed (kms)      | : | 0                                                        |
| Anticipated date of completion | : | Apr'20                                                   |
| <b>Constraint if any:</b>      | : | RoW 27 locations, forest clearance awaited (1 location), |

**Remarks:** Route alignment approved. Detail Survey & Foundation & Tower erection works under progress.

**18. 66 kV S/C Singhik - Passidong Transmission Line-**

|                                |   |                                                                               |
|--------------------------------|---|-------------------------------------------------------------------------------|
| Line Length (kms)              | : | 5.0                                                                           |
| Tower Location (nos)           | : | 33                                                                            |
| Foundation completed (nos)     | : | 16                                                                            |
| Tower Erected (nos)            | : | Nil                                                                           |
| Stringing completed (kms)      | : | Nil                                                                           |
| Anticipated date of completion | : | Apr'20                                                                        |
| <b>Constraint if any:</b>      | : | Compensation assessment under progress for tower base area and Corridor area. |

**Remarks:** Route alignment approved & Detail survey partially completed due to non finalisation of bay at Passingdong. Foundation work is under progress.

**19. 66 kV S/C Singhik - Mangan Transmission Line -**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (kms)              | : | 4.32   |
| Tower Location (nos)           | : | 11     |
| Foundation completed (nos)     | : | 0      |
| Tower Erected (nos)            | : | 0      |
| Stringing completed (kms)      | : | 0      |
| Anticipated date of completion | : | Apr'20 |

Constraint if any:

**Remarks:** Route alignment approved & Detail survey completed under approval

**20. 66 kV D/C Chungthang - Lachen Transmission Line**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (kms)              | : | 7.41   |
| Tower Location (nos)           | : | 36     |
| Foundation completed (nos)     | : | 0      |
| Tower Erected (nos)            | : | 0      |
| Stringing completed (kms)      | : | 0      |
| Anticipated date of completion | : | Apr'20 |
| Constraint if any:             |   |        |

**Remarks:** Route Alignment approved. Detail survey completed and under approval

**21. 66 kV D/C Chungthang - LILO of Rabon-Malting line**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (kms)              | : | 04     |
| Tower Location (nos)           | : | 23     |
| Foundation completed (nos)     | : | 0      |
| Tower Erected (nos)            | : | 0      |
| Stringing completed (kms)      | : | 0      |
| Anticipated date of completion | : | Apr'20 |

**Constraint if any:** Due to non finalisation of 66kv Gantry tower the detail survey is on hold from LILO point of Rabon - Malting at Chungthang SS being merely 0.5km (approx)

**22. 66 kV LILO of Gayzing – New Namchi line to Rinchenpong.**

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (kms)              | : | 0.588  |
| Tower Location (nos)           | : | 5      |
| Foundation completed (nos)     | : | 0      |
| Tower Erected (nos)            | : | 0      |
| Stringing completed (kms)      | : | 0      |
| Anticipated date of completion | : | Mar'20 |
| Constraint if any:             |   |        |

**Remarks:** Civil work yet to commence.

**23. LILO of 132kV D/C existing Sagberi – Melli terminated at Legship pool**

|                                |   |                    |
|--------------------------------|---|--------------------|
| Line Length (kms)              | : | 2.64               |
| Tower Location (nos)           | : | 16                 |
| Foundation completed (nos)     | : | 8                  |
| Tower Erected (nos)            | : | 0                  |
| Stringing completed (kms)      | : | 0                  |
| Anticipated date of completion | : | Mar'20             |
| Constraint if any:             |   | RoW at 1 location. |

**Remarks:** Route alignment & Detail survey approved. Foundation work is under progress.

#### 24. LILO of 66 kV S/C Rohthak – Sombaria TL

|                                           |   |        |
|-------------------------------------------|---|--------|
| Line Length (kms)                         | : | 1.12   |
| Tower Location (nos)                      | : | 16     |
| Foundation completed (nos)                | : | 2      |
| Tower Erected (nos)                       | : | 0      |
| Stringing completed (kms)                 | : | 0      |
| Anticipated date of completion            | : | Mar'20 |
| Constraint if any: RoW clearance awaited. |   |        |

**Remarks:** Route alignment approved & detail survey submitted. Fdn work under progress.

#### 25. 66 kV S/C Pelling – Rellichu TL

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (kms)              | : | 14     |
| Tower Location (nos)           | : | 94     |
| Foundation completed (nos)     | : | 0      |
| Tower Erected (nos)            | : | 0      |
| Stringing completed (kms)      | : | 0      |
| Anticipated date of completion | : | Mar'20 |
| Constraint if any:             |   |        |

**Remarks:** Route alignment approved & Detail survey under approval.

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

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (kms)              | : | 7      |
| Tower Location (nos)           | : | 40     |
| Foundation completed (nos)     | : | 0      |
| Tower Erected (nos)            | : | 0      |
| Stringing completed (kms)      | : | 0      |
| Anticipated date of completion | : | May'20 |

Constraint if any: ROW issues, local people creating hindrance

**Remarks:** Route alignment report is under approval.

#### 27. 66 kV S/C Namchi - Old Namchi TL

|                                                                |   |        |
|----------------------------------------------------------------|---|--------|
| Line Length (kms)                                              | : | 3.94   |
| Tower Location (nos)                                           | : | 20     |
| Foundation completed (nos)                                     | : | 0      |
| Tower Erected (nos)                                            | : | 0      |
| Stringing completed (kms)                                      | : | 0      |
| Anticipated date of completion                                 | : | May'20 |
| Constraint if any: ROW issues, local people creating hindrance |   |        |

**Remarks:** Route alignment to be approved. Detailed survey yet to commence

#### 28. 66 kV S/C Namchi - New Namchi TL

|                                       |   |        |
|---------------------------------------|---|--------|
| Line Length (kms)                     | : | 3.58   |
| Tower Location (nos)                  | : | 22     |
| Foundation completed (nos)            | : | 0      |
| Tower Erected (nos)                   | : | 0      |
| Stringing completed (kms)             | : | 0      |
| Anticipated date of completion        | : | May'20 |
| Constraint if any: ROW at 3 locations |   |        |

**Remarks:** Detailed survey approved.

## **Sub-station**

### **1. 220/132 kV Legship Pool (New) s/s**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 10          |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'21      |

**Constraint if any:** Party not performing. Party has gone to NCLT. New tender has been floated.Award expected by Jan'20.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 18          |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'21      |

**Constraint if any:** Party not performing. Party has gone to NCLT. New tender has been floated.Award expected by Jan'20.

### **3. 66/11 kV Temi (New) s/s**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 18          |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'21      |

**Constraint if any:** Party not performing. Party has gone to NCLT. New tender has been floated.Award expected by Jan'20.

### **4. 66/11 kV Khamdong (New) s/s**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed Over |
| Civil work (%)                 | : | 8           |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'21      |

**Constraint if any:** Party not performing. Party has gone to NCLT, New tender has been floated.Award expected by Jan'20.

**5. 66/11 kV Kumrek (New) s/s**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 17          |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'21      |

**Constraint if any:** Party not performing. Party has gone to NCLT. New tender has been floated.Award expected by Jan'20.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 8           |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'21      |

**Constraint if any:** Party not performing. Party has gone to NCLT. New tender has been floated.Award expected by Jan'20.

**7. 66/11 kV Rorathang (New) s/s**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 18          |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'21      |

**Constraint if any:** Party not performing. Party has gone to NCLT. New tender has been floated.Award expected by Jan'20.

**8. 66/11 kV Makha (New) s/s**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 18          |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'21      |

**Constraint if any:** Party not performing. Party has gone to NCLT. New tender has been floated.Award expected by Jan'20.

**9. 66/11 kV Mamring s/s Extn:**

|                                |   |           |
|--------------------------------|---|-----------|
| Land acquisition               | : | Available |
| Civil work (%)                 | : | 11        |
| Equipment received (%)         | : |           |
| Equipment erected (%)          | : |           |
| Anticipated date of completion | : | Feb'21    |

**Constraint if any:** Party not performing. Party has gone to NCLT. New tender has been floated.Award expected by Jan'20.

**10. 132/66/11 kV Chunthang (New) s/s**

|                                |   |              |
|--------------------------------|---|--------------|
| Land acquisition               | : | Handed over. |
| Civil work (%)                 | : |              |
| Equipment received (%)         | : |              |
| Equipment erected (%)          | : |              |
| Anticipated date of completion | : | Mar'21       |
| Constraint if any              | : |              |

Remarks: Engineering activities under progress.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : |             |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Mar'21      |
| Constraint if any              | : |             |

Remarks: Contour survey completed. Engineering activities under progress.

**12. 66/33 kV Lachen (New) s/s**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : |             |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Mar'21      |
| Constraint if any              | : |             |

**Remarks:** Contour survey completed. Engineering activities under progress

**13. 66/11 kV Passingdong (New) s/s**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed Over |
| Civil work (%)                 | : |             |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Mar'21      |
| Constraint if any              | : |             |

**Remarks:** Contouring done. Engineering activities under progress

**14. 66/11 kV Mangan (Extn)**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed Over |
| Civil work (%)                 | : |             |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Mar'21      |
| Constraint if any              | : |             |

Remarks: Contour survey completed. Engineering activities under progress.

**15. 66/11 Old Namchi (Extn)**

|                                              |   |             |
|----------------------------------------------|---|-------------|
| Land acquisition                             | : | Handed Over |
| Civil work (%)                               | : |             |
| Equipment received (%)                       | : |             |
| Equipment erected (%)                        | : |             |
| Anticipated date of completion               | : | Mar'21      |
| Constraint if any: Contour survey completed. |   |             |

**16. 132/66/11 kV Samardong (New) S/s**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 19          |
| Equipment received (%)         | : | 8           |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Dec'20      |

**Remarks:** Contouring & SI done. Boundary wall, work in Progress.

**17. 132/66kV Perbing (New) S/s**

|                                |   |                       |
|--------------------------------|---|-----------------------|
| Land acquisition               | : | yet to be handed over |
| Civil work (%)                 | : |                       |
| Equipment received (%)         | : |                       |
| Equipment erected (%)          | : |                       |
| Anticipated date of completion | : | Dec'20                |

**Remarks:** Land Handover is still awaited. There is severe ROW issue in the 4 lines associated with Perbing substation.

**18. 132kV Rangpo (PG) s/s Extn**

|                                |   |          |
|--------------------------------|---|----------|
| Land acquisition               | : | Acquired |
| Civil work (%)                 | : | 7        |
| Equipment received (%)         | : |          |
| Equipment erected (%)          | : |          |
| Anticipated date of completion | : | March'20 |
| Remarks:                       |   |          |

**19. 66/11kV Richenpong (New) S/S**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 22          |
| Equipment received (%)         | : | 3           |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Mar'20      |
| Constraint if any              |   |             |

**Remarks:** Boundary wall, retaining wall and CRB work under progress.

**20. 66/11kV Sombaria (New) s/s**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 19          |
| Equipment received (%)         | : | 3           |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'20      |
| Constraint if any              |   |             |

**Remarks:** Contour survey submitted & soil investigation under progress. Civil work under progress. Control room building work under progress.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 6           |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'20      |
| Constraint if any              |   |             |

**Remarks:** Contouring done and submitted. Soil investigation under progress.

#### 22. 66/11kV Rohthak S/S Extn.

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 9           |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'20      |
| Constraint if any              |   |             |

**Remarks:** Contouring done, Submitted & approved. Soil Investigation under progress

#### 23. 66/11kV Pelling S/S Extn.

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed Over |
| Civil work (%)                 | : | 8           |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'20      |
| Constraint if any              |   |             |

**Remarks:** Contouring submitted. Soil investigation under progress

#### 24. 66/11kV Pangthang (New) s/s -

|                                |   |              |
|--------------------------------|---|--------------|
| Land acquisition               | : | Handed over. |
| Civil work (%)                 | : | 58           |
| Equipment received (%)         | : | 52           |
| Equipment erected (%)          | : | 36           |
| Anticipated date of completion | : | Mar'20       |
| Constraint if any              | : |              |

**Remarks:** Transformer fdn, Tower Fdn completed.Site CR Building, & Equipment foundation work under progress.Erection work under progress.

**25. 66/11kV Sichey s/s Extn -**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 26          |
| Equipment received (%)         | : | 4           |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Mar'20      |
| Constraint if any              |   |             |

**Remarks:** CB, CT, BPI, SA, Isolator and cable trench outdoor & indoor civil work completed.Balance civil work u/p

**26. 66/11kV Tadong s/s Extn. –**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 18          |
| Equipment received (%)         | : | 3           |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Mar'20      |
| Constraint if any              |   |             |

**Remarks:** Contouring & SI Completed. Engineering activities under progress. CT, CB and SA supplied at site.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 9           |
| Equipment received (%)         | : | 1           |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | May'20      |
| Constraint if any              |   |             |

**Remarks:** Boundary wall construction is under progress. Engineering activities are under progress.

**28. 66/11kV New Namchi s/s Extn**

|                                |   |           |
|--------------------------------|---|-----------|
| Land acquisition               | : | Available |
| Civil work (%)                 | : | 12        |
| Equipment received (%)         | : | 2         |
| Equipment erected (%)          | : |           |
| Anticipated date of completion | : | May'20    |
| Constraint if any              |   |           |

**Remarks:** Contouring completed & SI approved. Detail engineering is under progress.

**29. 66kV Old Namchi S/S extn**

|                        |   |                   |
|------------------------|---|-------------------|
| Land acquisition       | : | Land not required |
| Civil work (%)         | : | 2                 |
| Equipment received (%) | : |                   |
| Equipment erected (%)  | : |                   |

Anticipated date of completion : May'20

Constraint if any

**Remarks:** Work yet to start. Cable laying to be done inside field.

## **Arunachal Pradesh**

**Total no. of Packages: 33**

**No. of Awarded Packages: 26\***

| <b>S.N</b> | <b>Packages</b>                                                                                                        | <b>Description</b>  | <b>Remarks</b>                                                            |
|------------|------------------------------------------------------------------------------------------------------------------------|---------------------|---------------------------------------------------------------------------|
| <b>1.</b>  | 19 (TW-01 to TW-03, TW-05 to TW-06, TW-08 to TW-13, TW-19, TW-21, & TW-24 to TW-26, OPGW –supply, OPGW Erect, Telecom) | Transmission Lines  | 16 package : Awarded<br>2 packages : Award on hold<br>1 package: Annulled |
| <b>2.</b>  | 6 (SS-01A, SS-01B, SS-02 to SS-05)                                                                                     | Sub-stations        | 5 package : awarded<br>1 package : Annulled                               |
| <b>3.</b>  | 8 (DMS-01A, DMS-01B, DMS-02 to DMS-04, DMS-5A to DMS-5C)                                                               | Distribution system | 5 packages: Awarded<br>3 packages: NIT to be issued                       |

\*One transmission line package was awarded but is now being retendered as party had gone to NCLT

### **Transmission line:**

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

Line Length (kms) : 66.05  
Tower Location (nos) : 228  
Foundation completed (nos) : 63  
Tower Erected (nos) : 23  
Stringing completed (kms) :  
Anticipated date of completion : Dec'20  
Constraint if any: Work affected due to ROW issues. Forest clearance awaited

**Remarks:**

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

|                                |   |        |
|--------------------------------|---|--------|
| Line Length (kms)              | : | 48     |
| Tower Location (nos)           | : | 157    |
| Foundation completed (nos)     | : |        |
| Tower Erected (nos)            | : |        |
| Stringing completed (kms)      | : |        |
| Anticipated date of completion | : | Dec'20 |
| Constraint if any:             |   |        |

**Remarks:** Route alignment approved & Detail survey completed. Forest proposal to be submitted

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

|                                                    |   |          |
|----------------------------------------------------|---|----------|
| Line Length (kms)                                  | : | 20.49    |
| Tower Location (nos)                               | : | 75       |
| Foundation completed (nos)                         | : | 47       |
| Tower Erected (nos)                                | : | 2        |
| Stringing completed (kms)                          | : |          |
| Anticipated date of completion                     | : | March'20 |
| Constraint if any- Work affected due to ROW issues |   |          |

**Remarks:**

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

|                                                                                |   |          |
|--------------------------------------------------------------------------------|---|----------|
| Line Length (kms)                                                              | : | 13.12    |
| Tower Location (nos)                                                           | : | 47       |
| Foundation completed (nos)                                                     | : | 24       |
| Tower Erected (nos)                                                            | : | 5        |
| Stringing completed (kms)                                                      | : |          |
| Anticipated date of completion                                                 | : | March'20 |
| Constraint if any : Work affected due to ROW issues. Forest clearance awaited. |   |          |

**Remarks:** Foundation work in progress.

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

|                                                                      |   |        |
|----------------------------------------------------------------------|---|--------|
| Line Length (kms)                                                    | : | 35.14  |
| Tower Location (nos)                                                 | : | 140    |
| Foundation completed (nos)                                           | : |        |
| Tower Erected (nos)                                                  | : |        |
| Stringing completed (kms)                                            | : |        |
| Anticipated date of completion                                       | : | Dec'20 |
| Constraint if any : Forest clearance is awaited. 100% line in forest |   |        |

**Remarks:** Route survey approved & Detail survey completed and approved except substation ends. Foundation work yet to commence.

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

|                            |   |       |
|----------------------------|---|-------|
| Line Length (kms)          | : | 44.33 |
| Tower Location (nos)       | : | 273   |
| Foundation completed (nos) | : |       |

|                                |   |                                                  |
|--------------------------------|---|--------------------------------------------------|
| Tower Erected (nos)            | : |                                                  |
| Stringing completed (kms)      | : |                                                  |
| Anticipated date of completion | : | March'21                                         |
| Constraint if any              | : | Forest clearance is awaited. 100% line in forest |

**Remarks:** Route survey approved & Detail survey completed. Foundation work yet to commence.

#### 7. Sagali-Naharlagun 132 kV S/c line on D/c tower

|                                |   |                                                  |
|--------------------------------|---|--------------------------------------------------|
| Line Length (kms)              | : | 38.57                                            |
| Tower Location (nos)           | : | 112                                              |
| Foundation completed (nos)     | : |                                                  |
| Tower Erected (nos)            | : |                                                  |
| Stringing completed (kms)      | : |                                                  |
| Anticipated date of completion | : | March'21                                         |
| Constraint if any              | : | Forest clearance is awaited. 100% line in forest |

**Remarks:** Foundation work yet to commence.

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

|                                |   |                                                  |
|--------------------------------|---|--------------------------------------------------|
| Line Length (kms)              | : | 16.75                                            |
| Tower Location (nos)           | : | 85                                               |
| Foundation completed (nos)     | : |                                                  |
| Tower Erected (nos)            | : |                                                  |
| Stringing completed (kms)      | : |                                                  |
| Anticipated date of completion | : | Apr'20                                           |
| Constraint if any              | : | Forest clearance is awaited .100% line in forest |

**Remarks:** Route alignment approved & detail survey approved.

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

|                                |   |                                                  |
|--------------------------------|---|--------------------------------------------------|
| Line Length (kms)              | : | 15                                               |
| Tower Location (nos)           | : | 59                                               |
| Foundation completed (nos)     | : |                                                  |
| Tower Erected (nos)            | : |                                                  |
| Stringing completed (kms)      | : |                                                  |
| Anticipated date of completion | : | Apr'20                                           |
| Constraint if any              | : | Forest clearance is awaited .100% line in forest |

**Remarks:** Route alignment & Detail survey approved. Foundation work yet to start.

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

|                            |   |     |
|----------------------------|---|-----|
| Line Length (kms)          | : | 33  |
| Tower Location (nos)       | : | 143 |
| Foundation completed (nos) | : |     |
| Tower Erected (nos)        | : |     |
| Stringing completed (kms)  | : |     |

Anticipated date of completion : Dec'20  
 Constraint if any : Forest clearance is awaited. 100% line in forest.

**Remarks:** Route survey approved & detailed survey completed. Fdn work yet to start.

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

Line Length (kms) : 60  
 Tower Location (nos) : 205  
 Foundation completed (nos) :  
 Tower Erected (nos) :  
 Stringing completed (kms) :  
 Anticipated date of completion : March'21  
 Constraint if any : Forest clearance is awaited. 100% line in forest.

**Remarks:** Route alignment and detailed survey approved. Fdn. work yet to start.

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

Line Length (kms) : 90.58  
 Tower Location (nos) : 305  
 Foundation completed (nos) :  
 Tower Erected (nos) :  
 Stringing completed (kms) :  
 Anticipated date of completion : March'21  
 Constraint if any: Forest clearance is awaited. 100% line in forest.

**Remarks:** Route alignment approved & Detail survey almost complete. Fdn work yet to start.

#### **13. Jairampur – Maio 132 kV S/c line on D/c tower**

Line Length (kms) : 34  
 Tower Location (nos) : 121  
 Foundation completed (nos) :  
 Tower Erected (nos) :  
 Stringing completed (kms) :  
 Anticipated date of completion : Dec'20  
 Constraint if any :

**Remarks** : Stage-I of Forest clearance received in Sep'19

#### **14. Tawang – Lumla 132 kV S/c line on D/c tower**

Line Length (kms) : 40  
 Tower Location (nos) : 136  
 Foundation completed (nos) :  
 Tower Erected (nos) :  
 Stringing completed (kms) :  
 Anticipated date of completion : Mar'21  
 Constraint if any: 100% line in forest.

**Remarks:** Route alignment submitted. Detailed survey under progress.

**15. Kuppi-Seppa 132 kV S/c line on D/c tower**

Line Length (kms) : 60  
Tower Location (nos) : 202  
Foundation completed (nos) :  
Tower Erected (nos) :  
Stringing completed (kms) :  
Anticipated date of completion : Mar'21  
Constraint if any: 100% line in forest

**Remarks:** Route alignment approved. Detailed survey completed.

**16. Seppa- Bameng 132 kV S/c line on D/c tower**

Line Length (kms) : 40  
Tower Location (nos) : 138  
Foundation completed (nos) :  
Tower Erected (nos) :  
Stringing completed (kms) :  
Anticipated date of completion : Mar'21  
Constraint if any : 100% line in forest

**Remarks:** Route alignment approved. Detailed survey under progress.

**17. Deomali – Khonsa 132 kV S/c line**

Line Length (kms) : 29.5  
Tower Location (nos) : 83  
Foundation completed (nos) :  
Tower Erected (nos) :  
Stringing completed (kms) :  
Anticipated date of completion : June'21

**Constraint if any:** Party went to NCLT. Subsequently contract was terminated. Re-tendering under progress. Forest Clearance awaited.

**18. Khonsa – Changlang 132 kV S/c line**

Line Length (kms) : 45  
Tower Location (nos) : 155  
Foundation completed (nos) :  
Tower Erected (nos) :  
Stringing completed (kms) :  
Anticipated date of completion : June'21

**Constraint if any:** : Party went to NCLT. Subsequently contract was terminated. Re-tendering under progress.

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

Line Length (kms) : 45  
Tower Location (nos) : 152  
Foundation completed (nos) :  
Tower Erected (nos) :  
Stringing completed (kms) :

Anticipated date of completion : June'21

**Constraint if any:** Party went to NCLT. Subsequently contract was terminated. Re-tendering under progress.

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

Line Length (kms) : 41.1  
Tower Location (nos) : 137  
Foundation completed (nos) :  
Tower Erected (nos) :  
Stringing completed (kms) :  
Anticipated date of completion : June'21

**Constraint if any:** Party went to NCLT. Subsequently contract was terminated. Re-tendering under progress. Forest Clearance awaited.

#### **21. Changlang – Jairampur 132 kV S/c line**

Line Length (kms) : 60  
Tower Location (nos) : 205  
Foundation completed (nos) :  
Tower Erected (nos) :  
Stringing completed (kms) :  
Anticipated date of completion : June'21

**Constraint if any:** Party went to NCLT. Subsequently contract was terminated. Re-tendering under progress.

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

Line Length (kms) : 12  
Tower Location (nos) : 32  
Foundation completed (nos) :  
Tower Erected (nos) :  
Stringing completed (kms) :  
Anticipated date of completion : Aug'20  
Constraint if any: Forest clearance awaited. 100% line in forest

**Remarks:** Route alignment approved. Detailed survey approved.

#### **23. LILO of 132 kV Daporijo - Along line**

Line Length (kms) : 2.43  
Tower Location (nos) : 12  
Tower Erected (nos) :  
Stringing completed (kms) :  
Anticipated date of completion : Aug'20  
Constraint if any: Forest clearance awaited. 100% line in forest

**Remarks:** Route alignment and detailed survey approved.

#### **ARP-TW-13: Annulled as RCE approval is pending**

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

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

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

**ARP-TW-21: Under hold pending approval of RCE**

- 27. Tezu (PG)–Halaipani 132kV S/c line on D/c tower
- 28. Roing (PG)–Dambuk 132kV S/c line on D/c tower
- 29. Roing (PG) – Anini 132 kV S/c line on D/c tower

**ARP-TW-24:**

**Following new elements (2 lines and 4 substations), proposed by Govt. of Arunachal Pradesh, have already been awarded and kept under hold, pending RCE approval:**

- 30. Khupi-Bomdila 132 kV S/c line on D/c tower
- 31. Bomdila-Tawang 132 kV S/c line on D/c tower
- 32. Bomdila SS
- 33. Kalakthang SS
- 34. Tawang SS
- 35. Kuppi (extension)SS

**ARP-TW-26: Under hold pending approval of RCE**

- 36. Along – Kambang 132 kV S/c line on D/c tower
- 37. Kambang–Mechuka 132kV S/c line on D/c tower
- 38. Along – Yingkiong 132 kV S/c line on D/c tower
- 39. Yingkiong – Tuting 132 kV S/c line on D/c tower

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 81          |
| Equipment received (%)         | : | 81          |
| Equipment erected (%)          | : | 35          |
| Anticipated date of completion | : | June'20     |

Constraint if any :

**Remarks:** Equipment foundation completed. Tower erection for 132KV & 33KV completed. CRB work & equipment foundation work under progress.  
Transformer erected

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 77          |
| Equipment received (%)         | : | 75          |
| Equipment erected (%)          | : | 35          |
| Anticipated date of completion | : | Sep'20      |

Constraint if any :

**Remarks:** Equipment Foundation & Control room building in progress. Reactor foundation completed & placed. Transformer foundation under progress.  
Tower erection for 132KV & 33KV completed.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 55          |
| Equipment received (%)         | : | 75          |
| Equipment erected (%)          | : | 15          |
| Anticipated date of completion | : | Dec'20      |
| Constraint if any              | : |             |

**Remakrs:** Control room building, Equipment foundations, FFPH, Firewall, 132kV tower foundation, 33kV tower erection in progress. Reactor foundation completed & placed. Transformer foundation completed. Tower and Equipment erection under progress.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : |             |
| Equipment received (%)         | : | 20          |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | June'20     |

Constraint if any :

Remarks : Civil works to commence.

**5. 4x5 MVA, 132/33 kV at Basar (New):**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed Over |
| Civil work (%)                 | : | 0           |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'20      |
| Constraint if any              | : |             |

**Remarks:** Site leveling work completed. Tower foundation work to commence from mid Dec'19

**6. 4x5 MVA, 132/33 kV at Ziro (New)**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed Over |
| Civil work (%)                 | : | 1           |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Feb'20      |
| Constraint if any              | : |             |

**Remarks:** Soil investigation completed.Site leveling under progress (61%)

**7. 4x5 MVA, 132/33 kV at Gerukamukh (New)**

|                        |   |   |
|------------------------|---|---|
| Land acquisition       | : |   |
| Civil work (%)         | : | 2 |
| Equipment received (%) | : |   |

|                                |   |        |
|--------------------------------|---|--------|
| Equipment erected (%)          | : |        |
| Anticipated date of completion | : | Feb'20 |
| Constraint if any              | : |        |

Remarks: Contour survey completed. Site levelling under progress. (80%)

**8. 132/33kV Ziro (PG) Extn:**

|                                |   |        |
|--------------------------------|---|--------|
| Land acquisition               | : |        |
| Civil work (%)                 | : |        |
| Equipment received (%)         | : |        |
| Equipment erected (%)          | : |        |
| Anticipated date of completion | : | Feb'20 |
| Constraint if any              | : |        |

Remarks: Equipment foundation to commence

**9. 4x5 MVA, 132/33 kV at Seppa**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 42.5        |
| Equipment received (%)         | : | 50          |
| Equipment erected (%)          | : | 15          |
| Anticipated date of completion | : | Dec'20      |
| Constraint if any              | : |             |

**Remarks:** Boundary, Retaining wall & Approach road in progress. Foundation of Tower, Equipment and CRB in progress. Reactor & transformer foundation completed. Shifted to foundation. Equipment structure erection under progress.

**10. 4x5 MVA, 132/33 kV at Rilo**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 22          |
| Equipment received (%)         | : | 40          |
| Equipment erected (%)          | : | 20          |
| Anticipated date of completion | : | Dec'20      |
| Constraint if any              | : |             |

**Remarks:** Contour & Soil investigation approved. Site leveling, Transformer & Reactor Foundation completed. CRB and equipment foundation under progress. Tower erection 14 out of 22 completed. Eqt. structure erection yet to commence. 4nos. Reactor and 4nos. traformer placed on plinth.

**11. 4x5 MVA, 132/33 kV at Seijosa**

|                                |   |                                                  |
|--------------------------------|---|--------------------------------------------------|
| Land acquisition               | : | Land identified. Forest clearance under process. |
| Civil work (%)                 | : |                                                  |
| Equipment received (%)         | : | 5                                                |
| Equipment erected (%)          | : |                                                  |
| Anticipated date of completion | : | Dec'20                                           |
| Constraint if any              | : |                                                  |

**Remarks:** Finalisation of Land awaited due to non receipt of forest clearance.

**12. 3x5 MVA, 132/33 kV at Bameng**

|                                                                        |   |                                |
|------------------------------------------------------------------------|---|--------------------------------|
| Land acquisition                                                       | : | Handed over                    |
| Civil work (%)                                                         | : | 11                             |
| Equipment received (%)                                                 | : | 21                             |
| Equipment erected (%)                                                  | : |                                |
| Anticipated date of completion                                         | : | Dec'20                         |
| Constraint if any                                                      | : | ROW being created by landowner |
| <b>Remarks:</b> Contouring & SI approved. Site leveling 85% completed. |   |                                |

**13. 132kV Khupi (Extn):**

|                        |   |             |
|------------------------|---|-------------|
| Land acquisition       | : | Handed over |
| Civil work (%)         | : | 100         |
| Equipment received (%) | : | 100         |
| Equipment erected (%)  | : | 100         |
| Date of completion     | : |             |
| Constraint if any      | : |             |

**Remarks:** Commissioned in July'19

**14. 4x5 MVA, 132/33 kV at Sagali**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 5           |
| Equipment received (%)         | : | 85          |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Mar'21      |
| Constraint if any              | : |             |

**Remarks:** Contour & Soil Investigation approved. Site leveling in progress (80% completed). CRB excavation work in progress.

**15. 63 MVA, 132/33 kV at Naharlagun**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 4           |
| Equipment received (%)         | : | 85          |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Mar'21      |
| Constraint if any              | : |             |

**Remarks:** Contouring approved & Soil investigation completed. Site leveling (62% completed). Boundary wall work under progress. Equipment Supply Started.

**16. 63 MVA, 132/33 kV at Banderdewa**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : |             |
| Equipment received (%)         | : | 80          |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Mar'21      |

Constraint if any :

**Remarks:** Land handed over in Nov'18. Contouring done and soil investigation done.

**17. 20 MVA, 132/33 kV at Holongi**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 62          |
| Equipment received (%)         | : | 85          |
| Equipment erected (%)          | : | 5           |
| Anticipated date of completion | : | June'20     |
| Constraint if any              | : |             |

**Remarks:** Tower, Equipment Fdn., Control room (65%) & Transformer Fdn. in progress. Erection started

**18. 132kV Chimpu (Itanagar) Extn.**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 80          |
| Equipment received (%)         | : | 85          |
| Equipment erected (%)          | : | 70          |
| Anticipated date of completion | : | Feb'20      |
| Constraint if any              | : |             |

**Remarks:** Control room building work in progress. (72% completed) Erection work under progress.

**19. 15 MVA, 132/33 kV at Khonsa**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 48          |
| Equipment received (%)         | : | 10          |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Mar'20      |
| Constraint if any              | : |             |

**Remarks:** Contour survey & SI approved. Site leveling (70%), Tower Fdn., Control room & Boundary wall under progress.

**20. 15 MVA, 132/33 kV at Changlang**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 44          |
| Equipment received (%)         | : | 20          |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Mar'21      |
| Constraint if any              | : |             |

**Remarks:** Contour survey & SI approved. Site leveling, Tower Foundation, Control room, Transit camp Building, LM Tower Fdn., fire wall, Security room Building & Boundary wall work in progress.

**21. 15 MVA, 132/33 kV at Jairampur**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 83          |
| Equipment received (%)         | : | 51          |
| Equipment erected (%)          | : | 26          |
| Anticipated date of completion | : | Mar'20      |
| Constraint if any              | : |             |

**Remarks:** Site leveling, Boundary wall, Control room, Equipment, tower and transformer foundation completed. Equipment structure erection under progress

**22. 15 MVA, 132/33 kV at Miao**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 83          |
| Equipment received (%)         | : | 50          |
| Equipment erected (%)          | : | 4           |
| Anticipated date of completion | : | Mar'20      |
| Constraint if any              | : |             |

**Remarks:** Contour survey & SI approved. Transformer and Reactor foundation work completed. Boundary wall, CRB, Tower & Equipment foundation work in progress. Equipment erection under progress.

**23. 132kV Deomali (Extn.)**

|                                |   |                      |
|--------------------------------|---|----------------------|
| Land acquisition               | : | Available            |
| Civil work (%)                 | : |                      |
| Equipment received (%)         | : |                      |
| Equipment erected (%)          | : |                      |
| Anticipated date of completion | : | Mar'21               |
| Constraint if any              | : | Work yet to commence |

**24. 132kV Namsai (PG) Extn.**

|                                |   |           |
|--------------------------------|---|-----------|
| Land acquisition               | : | Available |
| Civil work (%)                 | : | 100       |
| Equipment received (%)         | : | 90        |
| Equipment erected (%)          | : | 20        |
| Anticipated date of completion | : | July'20   |
| Constraint if any              | : |           |

**Remarks:** 132kV equipment foundation completed. Erection under progress

**ARP-SS-05: High altitude area-on hold pending RCE approval**

1. 15 MVA, 132/33 kV at Halaipani
2. 15 MVA, 132/33 kV at Dambuk
3. 15 MVA, 132/33 kV at Palin

4. 15 MVA, 132/33 kV at Koloriang
5. 15 MVA, 132/33 kV at Yingkiong
6. 15 MVA, 132/33 kV at Kambang
7. 132kV Tezu (Extn.)
8. 132kV Roing (Extn.)
9. Augmentation\*\* 15 MVA, 132/33 kV at Daporijo
10. 132kV Along Ext

## **DMS Substation & Lines**

### **ARP-DMS-02 :**

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 38          |
| Equipment received (%)         | : | 30          |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | March'20    |

Constraint if any :

**Remarks:** Contour survey and SI Approved. Site leveling completed. B/wall (87%), & control room (50%) ,Transformer Foundation completed.Equipment foundation completed.

#### **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 | : | Apr'20      |

Constraint if any

**Remarks:** Contour survey & SI approved. Boundary wall work in progress.

#### **3. 2x2.5MVA, 33/11 kV New substation at Khenwa**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 16          |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Apr'20      |

Constraint if any :

**Remarks:** Contour survey and SI approved.Site leveling completed.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : |             |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Apr'20      |

Constraint if any :

**Remarks:** Topographical Contour survey and SI approved. Work yet to commence.  
Approach road is not available.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : |             |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Apr'20      |

Constraint if any :

**Remarks:** Contour survey and SI approved. Work yet to commence. Engineering activities under progress.

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

|                                |   |                                                  |
|--------------------------------|---|--------------------------------------------------|
| Land acquisition               | : | Land identified. Forest clearance under process. |
| Civil work (%)                 | : |                                                  |
| Equipment received (%)         | : |                                                  |
| Equipment erected (%)          | : |                                                  |
| Anticipated date of completion | : | Dec'20                                           |

Constraint if any

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : |             |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Apr'20      |

Constraint if any :

**Remarks:** Contour survey & SI submitted. Design engineering work in progress.

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

|                        |   |           |
|------------------------|---|-----------|
| Land acquisition       | : | Available |
| Civil work (%)         | : |           |
| Equipment received (%) | : |           |

|                                |   |                          |
|--------------------------------|---|--------------------------|
| Equipment erected (%)          | : |                          |
| Anticipated date of completion | : | Apr'20                   |
| Constraint if any              | : | Drawings to be submitted |

#### 9. Extn. of Existing 33/11kV Khuppi S/S

|                                |   |           |
|--------------------------------|---|-----------|
| Land acquisition               | : | Available |
| Civil work (%)                 | : |           |
| Equipment received (%)         | : |           |
| Equipment erected (%)          | : |           |
| Anticipated date of completion | : | Apr'20    |
| Constraint if any              | : |           |

**Remarks:** SI work completed. Work yet to commence.

#### DMS Lines – Total- 5 lines (167 kms)

|                                |   |           |
|--------------------------------|---|-----------|
| Line Length (kms)              | : | 142.78 km |
| Tower Location (nos)           | : |           |
| Foundation completed (nos)     | : |           |
| Tower Erected (nos)            | : |           |
| Stringing completed (kms)      | : |           |
| Anticipated date of completion | : | Dec'20    |
| Constraint if any              | : |           |

**Remarks:** Route survey - completed.

#### ARP-DMS-03:

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 5           |
| Equipment received (%)         | : | 25          |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Dec'20      |
| Constraint if any              | : |             |

**Remarks:** Contour survey and SI approved. Work stopped due to Local people dispute.

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

|                        |   |             |
|------------------------|---|-------------|
| Land acquisition       | : | Handed over |
| Civil work (%)         | : | 100         |
| Equipment received (%) | : | 100         |
| Equipment erected (%)  | : | 100         |

**Remarks:** Successfully charged on 25.09.19

**3. 2x2.5MVA, 33/11 kV New substation at Gohpur Tinali**

Land acquisition : Yet to be handed over  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Anticipated date of completion : Apr'20

Constraint if any :

**Remarks:**

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

Land acquisition : Handed over  
Civil work (%) : 59  
Equipment received (%) : 45  
Equipment erected (%) : 31  
Anticipated date of completion : Jan'20

Constraint if any :

**Remarks:** Contour survey and SI approved. Site leveling & boundary wall and Transformer foundation completed, CRB (95%) & work under progress. Tower and transformer erection completed. Equipment erection in progress

**5. 33/11 kV New substation at Klimtao (Bumla)**

Land acquisition : Handed over  
Civil work (%) : 13  
Equipment received (%) :  
Equipment erected (%) :  
Anticipated date of completion : Apr'20

Constraint if any : Work hampered due to snowfall

**Remarks:** Contour survey approved & SI submitted. Site leveling completed. Boundary wall work in progress.

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

Land acquisition : Handed over  
Civil work (%) : 27  
Equipment received (%) : 28  
Equipment erected (%) :  
Anticipated date of completion : March'20  
Constraint if any :

**Remarks:** Contour survey and SI approved. Site leveling completed & CRB work under progress (30%).

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 14          |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Apr'20      |

Constraint if any :

**Remarks:** Contour survey and SI completed. Site leveling is under progress (40%).  
Boundary wall work under progress

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 19          |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Apr'20      |

Constraint if any :

**Remarks:** Contour survey and SI approved. Site leveling under progress (90%).  
Boundary wall work in progress.

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

|                                |   |                       |
|--------------------------------|---|-----------------------|
| Land acquisition               | : | Yet to be handed over |
| Civil work (%)                 | : |                       |
| Equipment received (%)         | : |                       |
| Equipment erected (%)          | : |                       |
| Anticipated date of completion | : | Apr'20                |

Constraint if any : Work yet to commence.

#### 10. 2x5MVA, 33/11 kV New substation at Raj Bhawan

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 48          |
| Equipment received (%)         | : | 42          |
| Equipment erected (%)          | : | 10          |
| Anticipated date of completion | : | Jan'20      |

Constraint if any : Approach road washed away.

**Remarks:** Contour survey & SI approved. Site leveling (90%) completed, CRB (91%),  
Transformer foundation completed. Tower and equipment erection completed.

#### 11. 33/11 kV New substation at Thimbu

|                  |   |             |
|------------------|---|-------------|
| Land acquisition | : | Handed over |
|------------------|---|-------------|

|                                |   |        |
|--------------------------------|---|--------|
| Civil work (%)                 | : |        |
| Equipment received (%)         | : |        |
| Equipment erected (%)          | : |        |
| Anticipated date of completion | : | Apr'20 |

Constraint if any :

**Remarks:** Contour Survey & SI completed. Land handed over in Aug'19. Work to commence

## 12. Extn. of Existing 33/11kV Chimpu S/S

|                                |   |           |
|--------------------------------|---|-----------|
| Land acquisition               | : | Available |
| Civil work (%)                 | : |           |
| Equipment received (%)         | : |           |
| Equipment erected (%)          | : |           |
| Anticipated date of completion | : | Apr'20    |

Constraint if any : Work yet to commence

## 13. Extn. of Existing 33/11kV Jang SS S/S

|                                |   |           |
|--------------------------------|---|-----------|
| Land acquisition               | : | Available |
| Civil work (%)                 | : |           |
| Equipment received (%)         | : |           |
| Equipment erected (%)          | : |           |
| Anticipated date of completion | : | Apr'20    |
| Constraint if any              | : |           |

Remark: Work yet to commence.

## DMS Lines – Total- 10 lines (201 kms)

|                                |   |           |
|--------------------------------|---|-----------|
| Line Length (kms)              | : | 118.95 km |
| Tower Location (nos)           | : | 2697      |
| Foundation completed (nos)     | : |           |
| Tower Erected (nos)            | : | 1407      |
| Stringing completed (kms)      | : | 4         |
| Anticipated date of completion | : | Apr'20    |
| Constraint if any              | : |           |

**Remarks:** Route survey of 106.6 km Completed for 09 nos. lines. Pole erection work under progress in 06 no. lines.

## ARP-DMS-04:

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

|                        |   |             |
|------------------------|---|-------------|
| Land acquisition       | : | Handed over |
| Civil work (%)         | : | 3           |
| Equipment received (%) | : |             |

|                                |   |         |
|--------------------------------|---|---------|
| Equipment erected (%)          | : |         |
| Anticipated date of completion | : | June'20 |
| Constraint if any              | : |         |
| Remarks-                       |   |         |

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 3           |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | June'20     |
| Constraint if any              | : |             |
| Remarks-                       |   |             |

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

|                                |   |                             |
|--------------------------------|---|-----------------------------|
| Land acquisition               | : | Land yet to be handed over. |
| Civil work (%)                 | : |                             |
| Equipment received (%)         | : |                             |
| Equipment erected (%)          | : |                             |
| Anticipated date of completion | : | Dec'20                      |
| Constraint if any              | : |                             |

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 28          |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | March'20    |
| Constraint if any              | : |             |

**Remarks:** Contour survey and SI approved. B/wall work almost completed .CRB work 30% completed. Transformer foundation work unde progress

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : |             |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Apr'20      |
| Constraint if any              | : |             |
| Remarks- Work yet to commence  |   |             |

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

|                  |   |             |
|------------------|---|-------------|
| Land acquisition | : | Handed Over |
|------------------|---|-------------|

|                                |   |        |
|--------------------------------|---|--------|
| Civil work (%)                 | : |        |
| Equipment received (%)         | : |        |
| Equipment erected (%)          | : |        |
| Anticipated date of completion | : | Apr'20 |

Constraint if any : Contour survey and soil investigation completed

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed Over |
| Civil work (%)                 | : |             |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Apr'20      |

Constraint if any

Remarks: Counter survey done. Work yet to commence.

**8. 33/11 kV New substation at Diyun**

|                                |   |                       |
|--------------------------------|---|-----------------------|
| Land acquisition               | : | Yet to be handed over |
| Civil work (%)                 | : |                       |
| Equipment received (%)         | : |                       |
| Equipment erected (%)          | : |                       |
| Anticipated date of completion | : | Dec'20                |
| Constraint if any              | : |                       |

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 58          |
| Equipment received (%)         | : | 25          |
| Equipment erected (%)          | : | 8           |
| Anticipated date of completion | : | March'20    |
| Constraint if any              | : |             |

**Remarks:** Site leveling in progress (50%). Boundary wall work completed (97%). Transformer erection completed. CRB 40% work completed. Tower foundation 8/8 completed. Equipment foundation 8/19 completed.

**10. 33/11 kV New substation at Deomali**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed Over |
| Civil work (%)                 | : | 6           |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Apr'20      |
| Constraint if any              | : |             |

**Remarks:** Contour survey and SI approved

**11. 33/11 kV New substation at Namsai**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 55          |
| Equipment received (%)         | : | 17          |
| Equipment erected (%)          | : | 8           |
| Anticipated date of completion | : | March'20    |
| Constraint if any              | : |             |

**Remarks:** Site leveling 30% completed. Boundary wall work under progress. CRB 97% completed. Tower foundation 8/8 completed. Erection of 2 transformers completed. Equipment foundation work and other erection work yet to be started.

## 12. 33kV Miao (Augmentation)

|                                |   |           |
|--------------------------------|---|-----------|
| Land acquisition               | : | Available |
| Civil work (%)                 | : | 6         |
| Equipment received (%)         | : |           |
| Equipment erected (%)          | : |           |
| Anticipated date of completion | : | June'20   |
| Constraint if any              | : |           |

**Remarks:** Transformer fdn almost completed and equipment foundation completed

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

|                                |   |                      |
|--------------------------------|---|----------------------|
| Land acquisition               | : | Available            |
| Civil work (%)                 | : |                      |
| Equipment received (%)         | : |                      |
| Equipment erected (%)          | : |                      |
| Anticipated date of completion | : |                      |
| Constraint if any              | : |                      |
| Remarks                        | : | Work yet to commence |

## DMS Lines – Total- 09 lines (280 kms)

|                                |   |          |
|--------------------------------|---|----------|
| Line Length (kms)              | : | 280 Km   |
| Tower Location (nos)           | : |          |
| Foundation completed (nos)     | : |          |
| Tower Erected (nos)            | : |          |
| Stringing completed (kms)      | : |          |
| Anticipated date of completion | : | March'20 |
| Constraint if any              | : |          |

**Remarks:** Route survey - 228.41km completed. Survey completed in 8nos. lines & 01no. line under progress.

## ARP-DMS-1A:

### 1. 33/11 kV New substation at All India Radio

|                  |   |                       |
|------------------|---|-----------------------|
| Land acquisition | : | Yet to be handed over |
| Civil work (%)   | : |                       |

|                                |   |        |
|--------------------------------|---|--------|
| Equipment received (%)         | : |        |
| Equipment erected (%)          | : |        |
| Anticipated date of completion | : | May'20 |
| Constraint if any              | : |        |

**Remarks:**

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : |             |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | May'20      |
| Constraint if any              | : |             |

**Remarks:** Engg. Activities under progress.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 67          |
| Equipment received (%)         | : | 48          |
| Equipment erected (%)          | : | 34          |
| Anticipated date of completion | : | Jan'20      |
| Constraint if any              | : |             |

**Remarks:** Site leveling completed. Boundary wall (96%) & CRB (47%), Equipment, tower and Transformer erection completed.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 9           |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | March'20    |
| Constraint if any              | : |             |

**Remarks:** Site leveling- Filling work completed, leveling in progress. Boundary wall excavation under progress.

**5. 2x5MVA, 33/11 kV New substation at Napit**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 99          |
| Equipment received (%)         | : | 100         |
| Equipment erected (%)          | : | 100         |
| Anticipated date of completion | : | Oct'19      |
| Constraint if any              | : |             |

**Remarks:** Work completed. Testing done.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 30          |
| Equipment received (%)         | : | 25          |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Jan'20      |
| Constraint if any              | : |             |

**Remarks:** Site leveling completed. B/wall work in progress. CRB excavation work in progress. Tower and eqt foundation under progress. Erection work yet to commence.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 35          |
| Equipment received (%)         | : | 30          |
| Equipment erected (%)          | : | 3           |
| Anticipated date of completion | : | Jan'20      |
| Constraint if any              | : |             |

**Remarks:** Site leveling completed. Boundary wall, control room (60%), and work in progress. Tower and Tranformer foundation completed. Equipment foundation under progress.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 40          |
| Equipment received (%)         | : | 30          |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Jan'20      |
| Constraint if any              | : |             |

**Remarks:** Site leveling completed. Boundary wall, control room (22%) and equipment foundation work in progress. Tower and Tranformer foundation completed. Erection work yet to commence.

**9. 2x2.5MVA, 33/11 kV New substation at Ruksin**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 5           |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | May'20      |
| Constraint if any              | : |             |

**Remarks:** Contour Survey and Soil investigation Completed.

**10. Extn. of existing 33/11kV Old Passighat S/s.**

|                  |   |  |
|------------------|---|--|
| Land acquisition | : |  |
|------------------|---|--|

|                                |   |  |
|--------------------------------|---|--|
| Civil work (%)                 | : |  |
| Equipment received (%)         | : |  |
| Equipment erected (%)          | : |  |
| Anticipated date of completion | : |  |
| Constraint if any              | : |  |

Remarks- Work yet to commence.

#### **DMS Lines – Total- 09 lines (183 kms)**

|                                |   |                 |
|--------------------------------|---|-----------------|
| Line Length (kms)              | : | 183 Km          |
| Tower Location (nos)           | : | 3109            |
| Tower Erected (nos)            | : | 2004 completed. |
| Stringing completed (kms)      | : | 30 km           |
| Anticipated date of completion | : |                 |
| Constraint if any              | : |                 |

**Remarks:** Route survey – 158 Km completed. Survey completed in 07 nos. lines. Pole erection work under progress in 05 nos. lines

#### **ARP-DMS-1B:**

##### **1. 2x2.5MVA, 33/11 kV New substation at Gensi**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 3           |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | May'20      |
| Constraint if any              | : |             |

Remarks: Land contouring done. Soil investigation under progress.

##### **2. 2x2.5MVA, 33/11 kV New substation at Gerukamukh**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 33          |
| Equipment received (%)         | : | 15          |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Jan'20      |
| Constraint if any              | : |             |

**Remarks:** Contour survey completed, submitted for approval. Boundary wall work in progress. CRB work in progress (40%). Transformer foundation completed

##### **3. 2x 5 MVA, 33/11 kV New substation at Hapoli**

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 98          |
| Equipment received (%)         | : | 100         |
| Equipment erected (%)          | : | 100         |
| Anticipated date of completion | : | Dec'19      |
| Constraint if any              | : |             |

**Remarks:** Testing done.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 19          |
| Equipment received (%)         | : |             |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | March'20    |
| Constraint if any              | : |             |

**Remarks:.** Site leveling completed

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 33          |
| Equipment received (%)         | : | 20          |
| Equipment erected (%)          | : | 11          |
| Anticipated date of completion | : | Jan'20      |
| Constraint if any              | : |             |

**Remarks:** Contour Survey approved & SI approved. Site leveling cutting completed. Boundary wall work in progress. CRB (20%)& eqt. foundation work in progress. Transformer and tower foundation completed. Tower erection under progress. Equipment fdn. under progress.

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

|                                |   |             |
|--------------------------------|---|-------------|
| Land acquisition               | : | Handed over |
| Civil work (%)                 | : | 35          |
| Equipment received (%)         | : | 21          |
| Equipment erected (%)          | : |             |
| Anticipated date of completion | : | Jan'20      |
| Constraint if any              | : |             |

**Remarks:.** Site leveling completed. Transformer and tower foundation completed & Equipment foundation and CRB work under progress.

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

|                  |   |             |
|------------------|---|-------------|
| Land acquisition | : | Handed over |
| Civil work (%)   | : | 45          |

Equipment received (%) : 10  
 Equipment erected (%) :  
 Anticipated date of completion : Jan'20  
 Constraint if any :

**Remarks:** Site Leveling completed. Boundary wall work in progress. Transformer foundation completed. Equipment foundation and CRB (70%) under progress. Tower foundation completed.

#### 8. 2x5MVA, 33/11 kV New substation at Yazali

Land acquisition : Handed over  
 Civil work (%) : 10  
 Equipment received (%) :  
 Equipment erected (%) :  
 Anticipated date of completion : May'20  
 Constraint if any :

**Remarks:** Contour survey done. Soil investigation approved. FGL to be finalized.

#### DMS Lines – Total- 12 lines (414 kms)

Line Length (kms) : 371 Km  
 Tower Location (nos) : 9874  
 Foundation completed (nos) :  
 Tower Erected (nos) : 2718  
 Stringing completed (kms) :  
 Anticipated date of completion : May'20  
 Constraint if any :

**Remarks:** Route survey – 313.88 km completed. All 12 nos. lines survey approved & 12 nos. lines pole erection in progress.

#### Fund position:

| Sl. No. | Particulars                                      | Amount (in Cr.) |
|---------|--------------------------------------------------|-----------------|
| 1.      | Amount received for till 30 <sup>th</sup> Nov'19 | Rs. 2159.66     |
| 2.      | Amount spent till 30 <sup>th</sup> Nov'19        | Rs.1370.71      |
| 3.      | Amount available as on 30 <sup>th</sup> Nov'19   | Rs. 788.95      |

### 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 12<sup>th</sup> 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 10<sup>th</sup> 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 1<sup>st</sup> 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 26<sup>th</sup> 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 26<sup>th</sup> 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 31<sup>st</sup> 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 31<sup>st</sup> 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 26<sup>th</sup> Sept'18.**

**Sub-station**

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

Scheduled date of completion : Sep'17  
**Charged on 26<sup>th</sup> Sept'18.**

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

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

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

Scheduled date of completion : Oct'17  
**Sub-station test charged on 1<sup>st</sup> Nov'17.**

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

Scheduled date of completion : Oct'17  
**Sub-station test charged on 31<sup>st</sup> Oct'17.**

### **Financial Status**

| <b>Sl. No.</b> | <b>Particulars</b>                  | <b>Amount (in crs)</b>                                                              |
|----------------|-------------------------------------|-------------------------------------------------------------------------------------|
| 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.                                                                       |

| <b>Last 5 Years' expenditure data (In Rs. Cr.) in respect of Srinagar Leh Transmission System (SLTS)</b> |         |         |         |         |                |
|----------------------------------------------------------------------------------------------------------|---------|---------|---------|---------|----------------|
| 2014-15                                                                                                  | 2015-16 | 2016-17 | 2017-18 | 2018-19 | <b>Total</b>   |
| 49                                                                                                       | 226     | 648.08  | 492     | 316     | <b>1731.08</b> |

### **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  
Sanctioned Cost : Rs. 1189.59 Crs  
Funding: Sanction of GoI Grant Rs. 1065.30Cr (90% of approved project cost of Rs. 1183.67 Cr and Rs. 5.95 Cr (0.5% of approved project cost as Grant for Project Management Agency (PMA) and 10% of approved project cost is to be contributed by the utility.

Mechanism for release of grant:

- I. Release of 10% of eligible Grant Component (1<sup>st</sup> tranche) on Appointment of Project Management Agency (PMA) by the utility.
- II. Release of 20% of eligible Grant Component (2<sup>nd</sup> 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 2<sup>nd</sup> tranche shall be suitably adjusted
- III. Release of 60% of eligible Grant Component (3<sup>rd</sup> tranche) on submission of following:
  - a) Certificate from utility regarding utilization of 90% of grant released under 1<sup>st</sup> and 2<sup>nd</sup> 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        |
| <b>Total</b>    | <b>17</b>          | <b>11</b>   | <b>10</b>    | <b>2</b> |

## B. PMDP-2015 scope of work:

### 1. Transmission Lines:

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

|    |                                                  |     |     |     |         |
|----|--------------------------------------------------|-----|-----|-----|---------|
| 14 | Replacement of Conductor in Pampore–Cheshmashahi | D/C | 132 | 28  | Kashmir |
| 15 | Waganpora - Khanyar (Cable)                      | D/C | 132 | 10  | Kashmir |
| 16 | Kargil - Padum (Zanaskar) line                   | S/C | 220 | 207 | Kargil  |
| 17 | Phyang (PGCIL) - Diskit (Nubrai) line            | S/C | 220 | 100 | Leh     |

## 2. Sub-Stations:

| S. No. | Substation Name/ Element Name | Voltage Ratio | MVA  | Region  |
|--------|-------------------------------|---------------|------|---------|
| 1      | Chatha Grid S/S               | 132/33        | 100  | Jammu   |
| 2      | Janipur (Aug) S/S             | 132/66/33     | 50   | Jammu   |
| 3      | Kathua (Aug) (50-20) S/S      | 132/66/33     | 30   | Jammu   |
| 4      | Miran Sahib (Aug) (50-20)     | 132/66/33     | 30   | Jammu   |
| 5      | Pounichak (Aug) S/S           | 132/66/33     | 50   | Jammu   |
| 6      | Sidhra (Aug) (2x50-2x20)      | 132/66/33     | 60   | Jammu   |
| 7      | Chowadhi S/S                  | 220/33        | 160  | Jammu   |
| 8      | Kathua-II (Ghatti) S/S        | 220/66        | 160  | Jammu   |
| 9      | Samba S/S                     | 220/66        | 160  | Jammu   |
| 10     | Nagrota S/S                   | 220/33        | 2x50 | Jammu   |
| 11     | Bemina (Aug)(200-150)         | 132/33        | 50   | Kashmir |
| 12     | Chadoora (Aug) (100-50)       | 132/33        | 50   | Kashmir |
| 13     | Cheshmashahi (Aug) (140-105)  | 132/33        | 35   | Kashmir |
| 14     | Khrew (Aug) (150-100)         | 132/33        | 50   | Kashmir |
| 15     | Tengpora (GIS)                | 132/33        | 150  | Kashmir |
| 16     | Zainakote (Aug) (125-75)      | 132/33        | 50   | Kashmir |
| 17     | BatporaTailbal (GIS)          | 220/33        | 160  | Kashmir |
| 18     | Khanyar (GIS)                 | 132/33        | 100  | Kashmir |
| 19     | Lassipora (GIS)               | 220/33        | 160  | Kashmir |
| 20     | Bay at Kargil                 | 220/66        | 0    | Kargil  |
| 21     | Padum S/S                     | 220/33        | 1x50 | Kargil  |
| 22     | Bay at Phyang                 | 220/33        | 0    | Leh     |
| 23     | Diskit (Nubra)                | 220/33        | 1x50 | Leh     |

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

### 1. Transmission Lines:

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

### 2. Substations:

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

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

**1. Transmission Lines:**

| S. No. | Transmission Line                                                            | Ckt Type | Voltage | Length (Ckm) | Project Management Agency (PMA) | Region  |
|--------|------------------------------------------------------------------------------|----------|---------|--------------|---------------------------------|---------|
| 1      | LILO of Canal - Miran Sahib at Chatha                                        | D/C      | 132     | 16           | RECTPCL                         | Jammu   |
| 2      | Hiranagar - Kathua line (Reconductoring)                                     | D/C      | 132     | 152          | RECTPCL                         | Jammu   |
| 3      | LILO of Hiranagar - Bishnah at Jatwal Grid station                           | D/C      | 220     | 12           | RECTPCL                         | Jammu   |
| 4      | Extension of Mirbazar - Alusteng line upto New Wanpoh                        | D/C      | 220     | 12           | RECTPCL                         | Kashmir |
| 5      | LILO of Budgam - Bemina at Tengpora (Power Cable)                            | D/C      | 132     | 8            | RECTPCL                         | Kashmir |
| 6      | LILO of one ckt. Alusteng - New WanpohatTailbal                              | D/C      | 220     | 7            | RECTPCL                         | Kashmir |
| 7      | LILO of Wagoora - Mirbazar line at Lassipora                                 | D/C      | 220     | 12           | RECTPCL                         | Kashmir |
| 8      | LILO of Zainkote - Delina at Kunzar (Sterlite S/S)                           | D/C      | 220     | 20           | RECTPCL                         | Kashmir |
| 9      | New Wanpoh - Mir Bazar line                                                  | D/C      | 220     | 10           | RECTPCL                         | Kashmir |
| 10     | Replacement of Conductor in Pampore - Cheshmashahi&Pampore – Khonmuh section | D/C      | 132     | 28           | RECTPCL                         | Kashmir |

**2. Sub-Stations:**

| S. No. | Substation Name/ Element Name | Voltage Ratio | MVA | Project Management Agency (PMA) | Region |
|--------|-------------------------------|---------------|-----|---------------------------------|--------|
| 1      | Chatha Grid S/S               | 132/33        | 100 | RECTPCL                         | Jammu  |
| 2      | Janipur (Aug) S/S             | 132/66/33     | 50  | RECTPCL                         | Jammu  |
| 3      | Kathua (Aug) (50-20) S/S      | 132/66/33     | 30  | RECTPCL                         | Jammu  |
| 4      | Miran Sahib (Aug) (50-20)     | 132/66/33     | 30  | RECTPCL                         | Jammu  |
| 5      | Pounichak (Aug) S/S           | 132/66/33     | 50  | RECTPCL                         | Jammu  |

|           |                              |           |     |         |         |
|-----------|------------------------------|-----------|-----|---------|---------|
| <b>6</b>  | Sidhra (Aug) (2x50-2x20)     | 132/66/33 | 60  | RECTPCL | Jammu   |
| <b>7</b>  | Bemina (Aug)(200-150)        | 132/33    | 50  | RECTPCL | Kashmir |
| <b>8</b>  | Chadoora (Aug) (100-50)      | 132/33    | 50  | RECTPCL | Kashmir |
| <b>9</b>  | Cheshmashahi (Aug) (140-105) | 132/33    | 35  | RECTPCL | Kashmir |
| <b>10</b> | Khrew (Aug) (150-100)        | 132/33    | 50  | RECTPCL | Kashmir |
| <b>11</b> | Tengpora (GIS)               | 132/33    | 150 | RECTPCL | Kashmir |
| <b>12</b> | Zainakote (Aug) (125-75)     | 132/33    | 50  | RECTPCL | Kashmir |

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

##### **1. Transmission Lines:**

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

##### **2. Sub-Stations:**

| <b>S. No.</b> | <b>Substation Name/ Element Name</b> | <b>Voltage Ratio</b> | <b>MVA</b> | <b>Project Management Agency (PMA)</b> | <b>Region</b> |
|---------------|--------------------------------------|----------------------|------------|----------------------------------------|---------------|
| <b>1</b>      | Nagrota S/S                          | 220/33               | 2x50       | PGCIL                                  | Jammu         |
| <b>2</b>      | Bay at Drass                         | 220/66               | 0          | PGCIL                                  | Kargil        |
| <b>3</b>      | Lassipora (GIS)                      | 220/33               | 160        | PGCIL                                  | Kashmir       |
| <b>4</b>      | Padum S/S                            | 220/33               | 1x50       | PGCIL                                  | Kargil        |
| <b>5</b>      | Bay at Phyang                        | 220/33               | 0          | PGCIL                                  | Leh           |
| <b>6</b>      | Diskit (Nubra)                       | 220/33               | 1x50       | PGCIL                                  | Leh           |

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

##### **1. Transmission Lines:**

##### **2. Transmission Lines:**

##### **(i) 220kV D/C SAMBA (JK PDD) – JATWAL (PGCIL) line**

|                                |                 |
|--------------------------------|-----------------|
| Total Length                   | : 10.96 Ckm     |
| Tower Locations (nos.)         | : 25 Nos.       |
| Foundations completed (nos.)   | : 20 Nos.       |
| Tower Erected (nos.)           | : 19 Nos. WIP-1 |
| Stringing completed (Ckm)      | : 0 Km.         |
| Scheduled Date of Completion   | : Nov'2019      |
| Anticipated Date of Completion | : Dec'2019      |

**Remarks/ Constraint if any:**

- Tower foundation work in progress and 20/25 locations completed.

**(ii) LILO of Hiranagar - Gladni at Chowadhi 220kV S/C line****- Survey work yet to start**

|                                |            |
|--------------------------------|------------|
| Total Length                   | :          |
| Tower Locations (nos.)         | :          |
| Foundations completed (nos.)   | :          |
| Tower Erected (nos.)           | :          |
| Stringing completed (ckm)      | :          |
| Scheduled Date of Completion   | : Nov'2019 |
| Anticipated Date of Completion | : -----    |

**Remarks/ Constraint if any**

- Contract awarded. Chowadhi Substation land yet to be handed over to POWERGRID.

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

|                                |                      |
|--------------------------------|----------------------|
| Total Length                   | : 4.8 ckm            |
| Tower Locations (nos.)         | : 14 nos.            |
| Foundations completed (nos.)   | : 11 nos.            |
| Tower Erected (nos.)           | : 06 nos. WIP-1 nos. |
| Stringing completed (ckm)      | : 0 Nos.             |
| Scheduled Date of Completion   | : Nov'2019           |
| Anticipated Date of Completion | : Dec'2019           |

**Remarks/ Progress of work:**

Tower foundation work in progress and 11/14 locations completed.

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

|                                |                                            |
|--------------------------------|--------------------------------------------|
| Total Length                   | : 5 km (cabling)                           |
| Cable laying completed (ckm)   | : Work started from 29.11.19 (1 ph-85 Mtr) |
| Scheduled Date of Completion   | : Mar' 2020                                |
| Anticipated Date of Completion | : March' 2020                              |

**Remarks/ Constraint if any:**

- Work started.

**3. Sub-Stations:****(i) Chowadhi S/S 220/33kV, 160MVA**

|                                |                               |
|--------------------------------|-------------------------------|
| Land Acquisition (in %)        | : Land yet to be handed over. |
| Civil Work Completed (in %)    | : Not started                 |
| Equipment Received (in %)      | : Not started                 |
| Equipment Erected (in %)       | : Not started                 |
| Scheduled Date of Completion   | : Nov'2019                    |
| Anticipated Date of Completion | : ----                        |

**Remarks/ Constraint if any:** Contract awarded but Land handing over awaited from JKPDD.

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

Land Acquisition (in %) : 100  
Civil Work Completed (in %) : 92 %  
Equipment Received (in %) : 85%  
Equipment Erected (in %) : 70%  
Scheduled Date of Completion : Nov' 2019  
Anticipated Date of Completion : Dec' 2019

**Remarks/ Constraint if any:** Contract awarded, Boundary wall erection completed. Tower Foundation & Equipment foundation completed. Control room building work in advance stage. Work affected due to present administrative issues in J&K

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

Land Acquisition (in %) : 100  
Civil Work Completed (in %) : 90%  
Equipment Received (in %) : 85%  
Equipment Erected (in %) : 65%  
Scheduled Date of Completion : Nov'2019  
Anticipated Date of Completion : Dec'2019

**Remarks/ Constraint if any :** Contract awarded, Boundary wall completed, Tower foundation & Equipment foundation completed, Control room building (75 % completed). Work affected due to present administrative issues in J&K

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

Land Acquisition (in %) : Alternate Land identified at Haripora, Harwan & handed over to POWERGRID on 01.08.2019.  
Civil Work Completed (in %) : Leveling work started.  
Equipment Received (in %) :  
Equipment Erected (in %) :  
Scheduled Date of Completion : Mar'2019  
Anticipated Date of Completion : Nov'2021

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

Land Acquisition (in %) : 100%  
Civil Work Completed (in %) : 25%  
Equipment Received (in %) :  
Equipment Erected (in %) :  
Scheduled Date of Completion : Mar'2020  
Anticipated Date of Completion : March'2020

**Remarks/ Constraint if any:**

- Land handing over done in June'18 & civil works under progress.

- Work affected due to present administrative issues in J&K.

**Fund Status:** (as per 30-11-2019)

Figs are in Cr.

| Name of Project                  | Received from MoP | Requested from JKPDD |                 | Received from JKPDD |                 | Total Received | Utilized | Unspent available for projects |
|----------------------------------|-------------------|----------------------|-----------------|---------------------|-----------------|----------------|----------|--------------------------------|
|                                  |                   | PROJECT COST         | CONSULTANCY FEE | PROJECT COST        | CONSULTANCY FEE |                |          |                                |
| Sub-Transmission Under PMDP-2015 | 115.70            | 42.61                | 4.02            | 11.58               | 0               | 127.28         | 63.0     | 64.28                          |

**Note:** In present situation work slowdown due to demobilization of manpower owing to Law & order situation.

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

**1. Transmission Lines:**

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

Total Length : **2.003 CKm**

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

Foundations completed (nos.) : **09**

Tower Erected (nos.) : **09**

Stringing completed (ckm) : **0 km**

Scheduled Date of Completion : **Mar'2018**

Anticipated Date of Completion : **Nov.2019**

**Remarks/ Constraint if any** : **Ckt-1(LILO-I):**

ROW issue at 02 Nos location. Case/ file for compulsory acquisition of land has been forwarded from Divisional Commissioner to Finance Commissioner Revenue on 30.08.2019. Order for compulsory acquisition of land awaited. Secretary to Government Revenue Department has issued notification and directed Collector Land Acquisition PDD under section 7 to take order for acquisition of said land after giving prescribed notice to the interested person(s) as required under the land Acquisition Act/ rules.

**Ckt-2(LILO-II):**

Due to poor response package was retendered on 24.06.2019 and opening date of e-Nit is 22.07.2019 and the date was extended upto 5th August 2019(with multiple extensions i.e seven times). Two bids were received and approval for opening/evaluation of the same has been granted.No bidder qualified the Techno-Commercial Evaluation. Tender document sent to RECTPCL for review. Revenue papers completed. Private negotiations yet to be conducted. The work is re tendered vide e-Nit no. TLMD-IV/J/01 of 2019-20 dated:13.11.2019 amounting to Rs. 396.69Lacs. with e- submission date on 11.12.2019..

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

|                                |   |           |
|--------------------------------|---|-----------|
| Total Length                   | : | 1.2ckt km |
| Tower Locations (nos.)         | : | 03        |
| Foundations completed (nos.)   | : | 00        |
| Tower Erected (nos.)           | : | 00        |
| Stringing completed (ckm)      | : | 00        |
| Scheduled Date of Completion   | : | Mar'2020  |
| Anticipated Date of Completion | : | Mar'2020  |

**Remarks/ Constraint if any** :Preliminary works under progress

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

|                                |   |          |
|--------------------------------|---|----------|
| Total Length                   | : | 76ckm    |
| Tower Locations (nos.)         | : | N.A.     |
| Foundations completed (nos.)   | : | 00       |
| Tower Erected (nos.)           | : | 00       |
| Stringing completed (ckm)      | : | 00       |
| Scheduled Date of Completion   | : | Mar'2019 |
| Anticipated Date of Completion | : | -        |

**Remarks/ Constraint if any** :CC-I meeting held on 3rd and 4th of June 2019 and minutes of meeting yet to be issued.Addendum note for this case stands submitted to Development Commissioner (Power) on 26.09.2019. The work has been re- tendered vide e- Nit no. TLMD-II/Gld/J/04 of 2019-20 dated: 25.11.2019 with e- submission date on 15.01.2020 opening date of e-bid on 20.01.2020 at 2p.m

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

|              |   |       |
|--------------|---|-------|
| Total Length | : | 12ckm |
|--------------|---|-------|

|                                |   |          |
|--------------------------------|---|----------|
| Tower Locations (nos.)         | : | 19 Nos   |
| Foundations completed (nos.)   | : | 00       |
| Tower Erected (nos.)           | : | 00       |
| Stringing completed (ckm)      | : | 00       |
| Scheduled Date of Completion   | : | Mar'2019 |
| Anticipated Date of Completion | : | -        |

**Remarks/ Constraint if any** : LOA issued in favour of M/S Kuchay Brothers Humhama, Budgam vide No. GCD/Ts/04 of 2019 Dated: 09-05-2019. LOA issued to M/S Allayee Builders Budgam vide No. GCD/TS/14 of 2019 Dated: 03-07-2019. Work on laying of Tower Foundations started. Land Acquisition under progress. LOI for supply, erection, testing and commissioning of 220 kV Towers issued on 26-09-2018 to M/S R S Durafabs Hyderabad.

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

|                                |   |          |
|--------------------------------|---|----------|
| Total Length                   | : | 8ckm     |
| Tower Locations (nos.)         | : | NA       |
| Foundations completed (nos.)   | : | NA       |
| Tower Erected (nos.)           | : | NA       |
| Stringing completed (ckm)      | : | NA       |
| Scheduled Date of Completion   | : | Mar'2020 |
| Anticipated Date of Completion | : | Mar 2020 |

**Remarks/ Constraint if any** : LOA issued. Drawing Approval under progress.

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

|                                |   |          |
|--------------------------------|---|----------|
| Total Length                   | : | 7ckm     |
| Tower Locations (nos.)         | : | -        |
| Foundations completed (nos.)   | : | 0        |
| Tower Erected (nos.)           | : | 0        |
| Stringing completed (ckm)      | : | 0        |
| Scheduled Date of Completion   | : | Mar'2019 |
| Anticipated Date of Completion | : | -        |

**Remarks/ Constraint if any** : LOA for Survey and construction of foundations for 220 kV LILO for Grid Stations Lassipora and GIS Tailbal issued in favour of M/S Lucky Traders Srinagar vide No. 31 of 2018 Dated: 21-12-2018 for Rs 272.66 Lakhs by SE S&O Circle-II Srinagar. Survey completed. Pre-Dispatch inspection of the stubs conducted. (Erection of towers/stringing to be taken up separately)

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

|                              |   |       |
|------------------------------|---|-------|
| Total Length                 | : | 12ckm |
| Tower Locations (nos.)       | : | 22 No |
| Foundations completed (nos.) | : | 3     |
| Tower Erected (nos.)         | : | 0     |

|                                |   |          |
|--------------------------------|---|----------|
| Stringing completed (ckm)      | : | 0        |
| Scheduled Date of Completion   | : | Mar'2019 |
| Anticipated Date of Completion | : | -        |

**Remarks/ Constraint if any :** LOA for Survey and construction of foundations for 220 kV LILO for Grid Stations Lassipora and GIS Tailbal issued in favour of M/S Lucky Traders Srinagar vide No. 31 of 2018 Dated: 21-12-2018 for Rs 272.66 Lakhs by SE S&O Circle-II Srinagar. Survey completed. Pre-Dispatch inspection of the stubs conducted. (Erection of towers/stringing to be taken up separately.)

**(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 | : | Mar 2019 |

One LILO Circuit completed and charged. 2<sup>nd</sup> LILO Circuit also completed but held up for fulfillment of conditions including Telemetry at Zainakote Gris Station for NRLDC clearance.

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

|                                |   |          |
|--------------------------------|---|----------|
| Total Length                   | : | 10km     |
| Tower Locations (nos.)         | : | 14 Nos   |
| Foundations completed (nos.)   | : | 7        |
| Tower Erected (nos.)           | : | 0        |
| Stringing completed (ckm)      | : | 0        |
| Scheduled Date of Completion   | : | Mar'2019 |
| Anticipated Date of Completion | : | -        |

**Remarks/ Constraint if any :** LOA issued in favour of M/S Kuchay Brothers Humhama, Budgam vide No. GCD/Ts/04 of 2019 Dated: 09-05-2019. LOA issued to M/S Allayee Builders Budgam vide No. GCD/TS/14 of 2019 Dated: 03-07-2019. Work on laying of Tower Foundations started. Land Acquisition under progress. LOI for supply, erection, testing and commissioning of 220 kV Towers issued on 26-09-2018 to M/S R S Durafabs Hyderabad.

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

|                              |   |      |
|------------------------------|---|------|
| Total Length                 | : | 28km |
| Tower Locations (nos.)       | : | -    |
| Foundations completed (nos.) | : | 00   |
| Tower Erected (nos.)         | : | 00   |
| Stringing completed (ckm)    | : | 00   |

Scheduled Date of Completion : Mar'2019  
 Anticipated Date of Completion : -

**Remarks/ Constraint if any** :CEA vide letter No. CEA/PS-11-22(15)/1/2018-PSPA-I 44441/2018/1817-1819 dated: 29-03-2019.has vetted the discovered cost of Rs 12.127 Crores for the project. Case deliberated upon in Contract committee-I on 04-07-2019. Case sent to Administrative Department for approval for placement of LOA on single Tender basis. Tender cancelled and fresh Tender floated in Sep 19.

## 2. Sub-Stations:

### (i) Chatha Grid S/S 132/33kV, 100MVA

Land Acquisition (in %) : Aquired  
 Civil Work Completed (in %) : 5%  
 Equipment Received (in %) : 0%  
 Equipment Erected (in %) : 0%  
 Scheduled Date of Completion : Mar'2020  
 Anticipated Date of Completion : July 2020

**Remarks/ Constraint if any** : Preliminary works (soil testing (SPT) and demarcation) are completed. Construction of site office, store, hand pump completed. Temporary fencing by barbed wire/ angle iron posts done on two sides of Grid Station. Compound walling is under progress. Construction of foundation for control room building under progre

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

Land Acquisition (in %) : N.A.  
 Civil Work Completed (in %) : 100%  
 Equipment Received (in %) : 100%  
 Equipment Erected (in %) : 95%  
 Scheduled Date of Completion : Apr 2018  
 Anticipated Date of Completion : 15.10.2019

**Remarks/ Constraint if any** :50MVA power transformer received at site, erection completed and transformer charged on no load on 10.11.2019.

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

Scheduled Date of Completion : Apr 2018

**Power Transformer commissioned on 27.06.2019 and allied works are under process.**

### (iv) Miran Sahib (Aug) (50-20) 132/66/33kV, 30MVA

Scheduled Date of Completion : Apr 2018

**Commissioned 07/18**

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

Land Acquisition (in %) : N.A.  
Civil Work Completed (in %) : 100%  
Equipment Received (in %) : 80%  
Equipment Erected (in %) : 80%  
Scheduled Date of Completion : 15.08.2019  
Anticipated Date of Completion : Oct'19

**Remarks/ Constraint if any** : 132/33kV, 50 MVA Power transformer commissioned. Foundation of equipment and gantry column of 132KV &33KV incomer bays completed and 01 No. 33KV new line bay completed.

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

Land Acquisition (in %) : N.A.  
Civil Work Completed (in %) : 00%  
Equipment Received (in %) : 00%  
Equipment Erected (in %) : 00%  
Scheduled Date of Completion : August2019  
Anticipated Date of Completion : Dec'19

**Remarks/ Constraint if any** :

**Sidhra-I:**Power transformer reached at site on 25.10.2019. The filtration and erection of the transformer is under progress.

**Sidhra-II:** LOA issued, on 19-03-2019 for Rs 349.28 Lacs.Date of completion: Six months from the issuance of LOA. Vendor approval of Power Transformer and cables issued. Drawings/GTPs of Power Transformer and cables has been submitted by the contractor and the same is under progress.

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

Land Acquisition (in %) : 100%  
Civil Work Completed (in %) : 80%  
Equipment Received (in %) : 70%  
Equipment Erected (in %) : 0%  
Scheduled Date of Completion : Mar' 2019  
Anticipated Date of Completion : -

**Remarks/ Constraint if any** : Concreting of 132 kV Switchyard completed.  
Construction of Transformer Foundation under progress.

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

Land Acquisition (in %) :100%  
Civil Work Completed (in %) : 80%  
Equipment Received (in %) : 80%  
Equipment Erected (in %) : 0%  
Scheduled Date of Completion : Mar'2019  
Anticipated Date of Completion : -

**Remarks/ Constraint if any** : Transformer received at site.

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

|                                |   |                         |
|--------------------------------|---|-------------------------|
| Land Acquisition (in %)        | : | 100%                    |
| Civil Work Completed (in %)    | : | 90%                     |
| Equipment Received (in %)      | : | 80%(Except Transformer) |
| Equipment Erected (in %)       | : | 0%                      |
| Scheduled Date of Completion   | : | Mar'2019                |
| Anticipated Date of Completion | : | -                       |

**Remarks/ Constraint if any** : Laying of Transformer Foundation completed. Dismantling of SF6 Breakers and Transformer foundations completed Panels commissioned. Transformer yet to be received.

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

|                                |   |                             |
|--------------------------------|---|-----------------------------|
| Land Acquisition (in %)        | : | 100%                        |
| Civil Work Completed (in %)    | : | 80%                         |
| Equipment Received (in %)      | : | 50 MVA Transformer received |
| Equipment Erected (in %)       | : | 0%                          |
| Scheduled Date of Completion   | : | Mar' 2019                   |
| Anticipated Date of Completion | : | -                           |

**Remarks/ Constraint if any** :Transformer placed on foundation.

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

|                                |   |          |
|--------------------------------|---|----------|
| Land Acquisition (in %)        | : | 100%     |
| Civil Work Completed (in %)    | : | 3%       |
| Equipment Received (in %)      | : | 0%       |
| Equipment Erected (in %)       | : | 0%       |
| Scheduled Date of Completion   | : | Mar'2020 |
| Anticipated Date of Completion | : | Mar 2020 |

**Remarks/ Constraint if any** :LOA issued to J K Engineers Jammu ( in JV with Siemens) for Rs 52.39 Crores vide LOA No.CE/S&O/T/211 of 2018 Dated: 05-11-2018. Drawings and Layouts under approval. Sixteen Kanals of land identified near stockyard of UEED at Tengpora and taken over from UEED on 14-08-2018.The Taken-over land is Govt. land (Seri Sarkar). Civil Works including construction of Equipment Foundations, Control Room Building and boundary Wall under progress.

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

|                                |   |          |
|--------------------------------|---|----------|
| Land Acquisition (in %)        | : | 100%     |
| Civil Work Completed (in %)    | : | 100%     |
| Equipment Received (in %)      | : | 0%       |
| Equipment Erected (in %)       | : | 0%       |
| Scheduled Date of Completion   | : | Mar'2019 |
| Anticipated Date of Completion | : | -        |

**Remarks/ Constraint if any**  
submitted to CE, EP&D, J&K.

: Request for purchase of Power Transformer for

**Fund Status of PIA JKPDD:**

Fig are in Cr.

Jammu Region:

| Scheme Cost | Expenditure (Upto Nov'19) |
|-------------|---------------------------|
| 139.95      | 15.50                     |

Kashmir Region (Upto Oct'19):

| Scheme Cost | Expenditure (Upto Nov'19) |
|-------------|---------------------------|
| 152.10      | 11.90                     |

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

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

**1. Transmission Lines:**

**2. Transmission Lines:**

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

|                                |   |             |
|--------------------------------|---|-------------|
| Total Length                   | : | 5 KM        |
| Tower Locations (nos.)         | : | Not Started |
| Foundations completed (nos.)   | : | Not Started |
| Tower Erected (nos.)           | : | Not Started |
| Stringing completed (ckm)      | : | Not Started |
| Scheduled Date of Completion   | : | July' 2020  |
| Anticipated Date of Completion | : | July '2020  |

**Remarks/ Constraint if any:**

- Notification of Award (NOA) has been issued on 06.07.2018 to the successful bidder i.e. M/s JK Engineers in JV with Shreem Electric Ltd
- JKPDD is yet to hand the land even after lapse of 17 months from LOA.
- Due to non-availability of land work could not commence though agency is ready for mobilization.

(ii) **Drass - Padum (Zanaskar) line S/C 220kV (Length-207ckm)**

|                                |   |        |
|--------------------------------|---|--------|
| Total Length                   | : | 207 km |
| Tower Locations (nos.)         | : | NA     |
| Foundations completed (nos.)   | : | NA     |
| Tower Erected (nos.)           | : | NA     |
| Stringing completed (ckm)      | : | NA     |
| Scheduled Date of Completion   | : |        |
| Anticipated Date of Completion | : |        |

**Remarks/ Progress if any :**

- The original cost estimates have been reviewed by CEA and Estimated the cost of project for an amount of Rs 1064 crs. however, formal approval from MoP is still awaited
- Tender for the above Transmission Line has been floated on 11.10.2019 and pre-bid was conducted on 30.10.2019 & last date for the bid submission is 20.12.2019. Tendering process is expected to be completed by Jan 2020 but for issuance of LoA to successful bidder, formal approval of revised cost is essential.

(iii) **Phyang (PGCIL) - Diskit (Nubra) line 220kV S/C line**

|                                |   |       |
|--------------------------------|---|-------|
| Total Length                   | : | 100km |
| Tower Locations (nos.)         | : | NA    |
| Foundations completed (nos.)   | : | NA    |
| Tower Erected (nos.)           | : | NA    |
| Stringing completed (ckm)      | : | NA    |
| Scheduled Date of Completion   | : |       |
| Anticipated Date of Completion | : |       |

**Remarks/ Constraint if any : Same as 1 (ii) above**

**3. Sub-Stations:**

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

|                                |   |                                  |
|--------------------------------|---|----------------------------------|
| Land Acquisition (in %)        | : | In Process                       |
| Civil Work Completed (in %)    | : | NA, as land is not finalized yet |
| Equipment Received (in %)      | : | NA, as land is not finalized yet |
| Equipment Erected (in %)       | : | NA, as land is not finalized yet |
| Scheduled Date of Completion   | : | July' 2020                       |
| Anticipated Date of Completion | : | July' 2020                       |

**Remarks/ Progress: Same as 1 (i) above**

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

|                                |   |    |
|--------------------------------|---|----|
| Land Acquisition (in %)        | : | NA |
| Civil Work Completed (in %)    | : | NA |
| Equipment Received (in %)      | : | NA |
| Equipment Erected (in %)       | : | NA |
| Scheduled Date of Completion   | : |    |
| Anticipated Date of Completion | : |    |

**Remarks/ Progress if any :**

- The original cost estimates have been reviewed by CEA and Estimated the cost of project for an amount of Rs 1064 crs. however, formal approval from MoP is still awaited
- Tender for the above work to be floated on 05.11.2019. Pre-bid was held on 22.11.2019 & last date for submission of bid is 26.12.2019. Tendering process is expected to be completed by Jan 2020 but for issuance of LoA to successful bidder, formal approval of revised cost is essential.

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

|                                |      |
|--------------------------------|------|
| Land Acquisition (in %)        | : NA |
| Civil Work Completed (in %)    | : NA |
| Equipment Received (in %)      | : NA |
| Equipment Erected (in %)       | : NA |
| Scheduled Date of Completion   | :    |
| Anticipated Date of Completion | :    |

**Remarks/ Constraint if any : same as 2. (ii) above**

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

|                                |                                                            |
|--------------------------------|------------------------------------------------------------|
| Land Acquisition (in %)        | : 100% , Land handed over to M/s Siemens Ltd on 27.07.2018 |
| Civil Work Completed (in %)    | : 40%                                                      |
| Equipment Received (in %)      | : 10 %                                                     |
| Equipment Erected (in %)       | : 0%                                                       |
| Scheduled Date of Completion   | : July 2020                                                |
| Anticipated Date of Completion | : July 2020                                                |

**Remarks/ Progress:**

- Detailed Engineering is in process and approx. 97 % Drawing/Documents have been approved.
- Manufacturing process for all major equipment's have been initiated by the Contractor
- EOT Crane, Foundation bolts & online DGA received at site.
- Major equipment like 33 kV GIS, Power Transformer have been dispatched & pre-dispatch inspection of 220 kV GIS equipment inspection completed in November.
- Civil Works for Boundary Wall, 33 kV GIS, 220 kV GIS, Control Room Building, Security Room & Power Transformer started. Present physical status of the work is as follows:
  1. **Boundary wall:** 40%.
  2. **220 kV GIS:** 40%
  3. **33 KV GIS:** 65%
  4. **Control Room:** 45%
  5. **Equipment & Structure Foundation:**40%
  6. **Security Room:** 50%.
  7. **Internal Road:** not started
- Work is halted since 05.08.2019 & manpower is demobilized from the site due to security concerned

**(v) Bay at Phyang 220/33kV, 0MVA**

|                         |      |
|-------------------------|------|
| Land Acquisition (in %) | : NA |
|-------------------------|------|

Civil Work Completed (in %) : NA  
 Equipment Received (in %) : NA  
 Equipment Erected (in %) : NA  
 Scheduled Date of Completion :  
 Anticipated Date of Completion :

**Remarks/ Constraint if any : same as 2. (ii) above**

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

Land Acquisition (in %) : NA  
 Civil Work Completed (in %) : NA  
 Equipment Received (in %) : NA  
 Equipment Erected (in %) : NA  
 Scheduled Date of Completion :  
 Anticipated Date of Completion :

**Remarks/ Constraint if any : same as 2. (ii) above**

**Financial Status of PIA RECPTCL (till Nov'19):**

| Sl. No. | Particulars                         | Amount (in crs) |
|---------|-------------------------------------|-----------------|
| 1       | Total Estimated cost of the Project | Rs. 481.88      |
| 2       | Amount released                     | Rs. 134.54      |
| 3       | Amount spent                        | Rs. 3.66        |
| 4       | Amount available                    | Rs. 130.88      |