



## **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))**

**Govt. of India  
Ministry of Power  
Central Electricity Authority  
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| 2       | Comprehensive Scheme of Transmission & Distribution System in Arunachal Pradesh & Sikkim                                            | PGCIL            | 67       |
| 3       | 220kV Transmission System from Alusteng (Srinagar) to Leh (via Drass, Kargil, Khalsti and Leh Sub-station in Jammu & Kashmir (J&K)) | PGCIL            | 108      |

|                                                          |   |    |
|----------------------------------------------------------|---|----|
| Total Transmission Projects                              | : | 03 |
| Transmission Projects Completed                          | : | 0  |
| Transmission Projects Cancelled                          | : | 0  |
| Transmission Projects yet to be awarded                  | : | 0* |
| Transmission Projects under construction                 | : | 3  |
| Transmission Projects whose construction is yet to start | : | 0  |

\* Some of the transmission works (Line & S/S) under transmission projects at Sl. No. 1 & 2 are yet to be awarded.

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

## Background

Presently, all the six NER States are connected to transmission network at 220 kV, 132 KV and below. The 33 kV system is the backbone of power distribution system in the six NER States. In order to reduce the gap between the requirement and availability of the intra-state transmission and distribution system, it is necessary to provide 132 KV / 220 KV connectivity to all the six NER States for proper voltage management and lower distribution losses. Similarly, the distribution system in all six NER States which mainly relies on 33 KV network would be strengthened substantially. As the Intra-State Transmission and Distribution systems in the North-Eastern States have remained very weak, the Central Electricity Authority (CEA) has proposed a comprehensive scheme for the North East Region (NER) in consultation with the POWERGRID (PGCIL) and respective state power utility. Implementation of this project will create a reliable State power grid and improve its connectivity to the upcoming load centres, and thus 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.

## General Details

|                          |                                                                                 |                    |
|--------------------------|---------------------------------------------------------------------------------|--------------------|
| Date of Govt. approval   | : Nov, 2014                                                                     |                    |
| Implementing Agency      | : PGCIL,                                                                        |                    |
| Estimated Cost (Rs. crs) | : 5111                                                                          |                    |
| Funding                  | : 50:50 (Govt. of India: World Bank)                                            |                    |
| Phasing of expenditure   | : Year 2014-15                                                                  | 200.00 Cr.         |
|                          | Year 2015-16                                                                    | 749.80 Cr.         |
|                          | Year 2016-17                                                                    | 1268.04 Cr.        |
|                          | Year 2017-18                                                                    | 1562.78 Cr.        |
|                          | Year 2018-19                                                                    | 998.34 Cr.         |
|                          | Year 2019-20                                                                    | 332.37 Cr.         |
|                          | <b>Total</b>                                                                    | <b>5111.33 Cr.</b> |
| Completion schedule      | : December, 2018 (48 months from date of release of 1 <sup>st</sup> instalment) |                    |

## Summary

| State     | Packages           |                    |                      |                 |                                   |                    |       |
|-----------|--------------------|--------------------|----------------------|-----------------|-----------------------------------|--------------------|-------|
|           | Transmission Lines | Substations        | Distribution Systems | Transformers    | Pile Works for Transmission Lines | Telecom Equipment  | Total |
| Assam     | 6 (TW-01 to TW-06) | 4 (SS-01 to SS-04) | 4 (DMS-01 to DMS-04) | 1 (Transformer) | 1 (Pile)                          |                    | 16    |
| Meghalaya | 2 (TW-01 , TW-02)  | 2 (SS-01, SS-02)   | 3 (DMS-01 to DMS-03) |                 |                                   |                    | 7     |
| Manipur   | 3 (TW-01 to TW-03) | 3 (SS-01 to SS-03) | 4 (DMS-01 to DMS-04) |                 |                                   |                    | 10    |
| Mizoram   | 1 (TW-01 )         | 2 (SS-01, SS-02)   |                      |                 |                                   |                    | 3     |
| Nagaland  | 5 (TW-01 to TW-05) | 4 (SS-01 to SS-04) | 4 (DMS-01 to DMS-04) |                 |                                   | 1 (Telecom Equip.) | 14    |
| Tripura   | 3 (TW-01 to TW-03) | 3 (SS-01 to SS-03) | 5 (DMS-01 to DMS-05) |                 |                                   |                    | 11    |

## Details of Packages

### ASSAM:

#### 1. ASSAM SS – 01 : (NECCON)

- 132/33 kV Silapathar S/S
- 132/33 kV Tezpur S/S
- Extension of 132/33 kV Dhemaji S/S
- Extension of 132/33 kV Existing Sonabil S/S
- Augmentation of 220 kV Samaguri S/S

#### 2. ASSAM SS – 02 : (NECCON)

- 220/132 kV Behiating S/S
- 132/33 kV Chapakhowa S/S
- 132/33 kV Sarupathar S/S
- 132/33kV Toek S/S
- 220kV Tinsukia S/S Extn
- 132/33kV Rupai S/S Extn

#### 3. ASSAM SS – 03 : (NECCON)

- 132/33 kV Tangla S/S
- 132/33 kV Hazo S/S
- 132/33 kV Kahilipara S/S Extn
- 132/33 kV Daligaon S/S Augmentation

v. 220/132 kV Rangia S/S Extn

**4. ASSAM SS – 04 : (TECHNO)**

- 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

**5. ASSAM DMS– 01 : (NECCON)**

- 1) 33/11kV Silapathar-II (New)s/s-2X5 MVA
- 2) 33/11kV Hathimurah-2 (New)s/s-2X5 MVA
- 3) 33/11kV Mailo(New)s/s-2X5 MVA
- 4) 33/11kV LGM hospital (New) s/s - 2X10 MVA
- 5) Bay addition at Parowa existing SS -1no.
- 6) Bay addition at Dolabari Existing s/s -1 no.
- 7) Samguri Existing 132/kv S/s -1no
- 8) Bay addition at Existing Shakardeo nagar 220/132/33 SS-1no.
- 9) 33kV bay addition at existing Silapathar s/s-1no.
- 10) 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.
- 11) 33kV line on ACSR WOLF from 132/33kV Tezpur (New) s/s to Parowa Existing s/s-7KM
- 12) 33kV line on ACSR WOLF from 132/33kV Tezpur (New) s/s to Dolabari Existing s/s-5 KM.
- 13) 33kV line on ACSR WOLF3 from 132/33kV Silapathar (New) s/s to Silapathar-II (New) S/s-35km
- 14) 33kV line ACSR WOLF3 from 132/33kV Silapathar (New) s/s to existing Silapathar- 5km
- 15) 33kV line on ACSR WOLF from 132/33kV Existing Samaguri s/s to 33/11kV Hathimurah-2 (New)s/s-30KM
- 16) 33kV line on ACSR WOLF from Existing Shakardeo nagar 220/132/33 SS to 33/11kV Mailo (New)s/s -30 KM
- 17) Fibre Optic cable installation on above lines 12 that includes 48kms. OPGW & 71kms. Aerial FO Cable).
- 18) Telecom Equipments of all sub-station pkgs

**6. ASSAM DMS– 02 : (S&W)**

- 1) 33/11kV Romai (New)s/s-2X10 MVA
- 2) 33/11kV Bogibil (New)s/s-2X5 MVA
- 3) 33/11kV Dibrugarh (New)s/s-2X10 MVA
- Bay addition at each following Existing 132/kv S/s**
- 4) Dibrugarh Existing 132/kv S/s -1nos
- Bay addition each at following Existing 33/11kV S/s.**
- 5) Chapakhowa Existing 33/11kV S/s-1nos.
- 6) Barapathar Existing 33/11kV S/s-1no.

- 7) Sarupathar Existing 33/11kV S/s-1no.
- 8) Sariajhan Existing 33/11kV S/s-1no.
- 9) Teok Existing 33/11kV S/s-1no.
- 10) Kakojaan Existing 33/11kV S/s-1no.
- 11) Zangi Existing 33/11kV S/s-1no.
- 12) Pragati Existing 33/11kV S/s-1no.
- 13) 33kV line on ACSR WOLF from 132/33kV Existing Dibrugarh s/s to 33/11kV Romai (New)s/s -17 KM
- 14) 33kV line on ACSR WOLF from 220/132kV Behiating (New) s/s to 33/11kV Bogibil (New)s/s -10 KM
- 15) 33kV line on ACSR WOLF from 220/132kV Behiating (New) s/s to 33/11kV Dibrugarh (New)s/s -15 KM
- 16) 33kV line on ACSR WOLF from 132/33 kV Chapakhowa (New) s/s to 33/11kV Chapakhowa existing s/s -10 KM.
- 17) 33kV line on ACSR WOLF from 132/33kV Sarupathar (New) s/s to Barapathar Existing 33/11kV S/s-12KM.
- 18) 33kV line on ACSR WOLF from132/33kV Sarupathar (New) s/s to Sarupathar Existing 33/11kV S/s-5KM.
- 19) 33kV line on ACSR WOLF from132/33kV Sarupathar (New) s/s to Sariajhan Existing 33/11kV S/s-20KM.
- 20) 33kV line on ACSR WOLF from132/33kV Teok (New) s/s to Teok Existing 33/11kV S/s-5KM.
- 21) 33kV line on ACSR WOLF from132/33kV Teok (New) s/s to Kakojaan Existing 33/11kV S/s-15KM.
- 22) 33kV line on ACSR WOLF from132/33kV Teok (New) s/s to Zangi Existing 33/11kV S/s-15KM.
- 23) 33kV line on ACSR WOLF from132/33kV Teok (New) s/s to Pragati Existing 33/11kV S/s-22KM.
- 24) Fibre Optic cable installation on above lines that includes 75 kms. OPGW & 111 kms. Aerial FO Cable)

## 7. ASSAM DMS- 03 : (S&W)

- 1) 33/11kV Harsingha (New)s/s-2X5 MVA
- 2) 33/11kV Sesa (New)s/s-2X5 MVA
- 3) 33/11kV Ramdiya (New)s/s-2X5 MVA
- 4) 33/11kV domdoma-hazo (New)s/s-2X5 MVA
- 5) 33/11kV Chabipool -(New) s/s-2X10 MVA2 .  
**Bay addition at following Existing 33/11kV S/s.**
- 6) Paneri Existing 33/11kV S/s-1nos.
- 7) Kalaigaon Existing 33/11kV S/s -1nos.
- 8) Khairabari Existing 33/11kV S/s-1nos.
- 9) Tangla Existing 33/11kV S/s-1nos.
- 10) Bay addition at 33/11kV Mukalmuwa existing s/s -1nos.
- 11) Bay addition at Existing paltan bazaar S/s-2 nos2.
- 12) Bay addition at Existing judes field S/s-1nos2.
- 13) Bay addition at Existing Jail(Fency bazaar) S/s-1nos2.
- 14) Bay addition at Existing Ullobari S/s-2nos2.

- 15) 33kV line on ACSR WOLF from 132/33kV Tangla (New) s/s to harsingha (New)s/s -12 km
- 16) 33kV line on ACSR WOLF from 132/33kV Tangla (New) s/s to Paneri Existing 33/11kV S/s -20 km
- 17) 33kV line on ACSR WOLF from 132/33kV Tangla (New) s/s to Existing Kalaigaon 33/11kV S/s -20 km
- 18) 33kV line on ACSR WOLF from 132/33kV Tangla (New) s/s to Existing Khairabari 33/11kV S/s -10 km
- 19) 33kV line on ACSR WOLF from 132/33kV Tangla (New) s/s to Existing Tangla 33/11kV S/s -10 km
- 20) 33kV line on ACSR WOLF from 132/33 kV Hazo (New) s/s to 33/11kV Sesa (New)s/s -15 KM
- 21) 33kV line on ACSR WOLF from 132/33 kV Hazo (New) s/s to 33/11kV Ramdiya (New)s/s -12 KM
- 22) 33kV line on ACSR WOLF from 132/33 kV Hazo (New) s/s to 33/11kV domdoma-hazo (New)s/s -10 KM
- 23) 33kV line on ACSR WOLF from 132/33 kV Hazo (New) s/s to 33/11kV Mukalmuwa existing s/s -25 KM
- 24) Fibre Optic cable installation on above lines that includes 54 kms. OPGW & 80 kms. Aerial FO Cable)

#### **8. ASSAM DMS- 04 : (NECCON)**

- 1) 33/11kV GS Road -(New) GIS s/s-2X10 MVA
- 2) 33/11kV GMC-2 -(New) GIS s/s-2X10 MVA
- 3) 33/11kV Tarun Nagar -(New) GIS s/s-2X10 MVA
- 4) 33/11kV - Arya College (New) GIS s/s-2X10 MVA
- 5) Bay addition at Existing GMC S/s-1nos.
- 6) Bay addition at Existing Ullobari S/s-2nos.
- 7) 33kv U/G cabling from 132/33kV Guwahati M.C. (New) s/s to GS Road -(New) GIS s/s-14KM
- 8) 33kv U/G cabling from 132/33kV Guwahati M.C. (New) s/s to GMC-2-(New) GIS s/s-10KM
- 9) 33kv U/G cabling from 132/33kV Guwahati M.C. (New) s/s to Tarun Nagar -(New) GIS s/s-10KM
- 10) 33kv U/G cabling from 132/33kV Guwahati M.C. (New) s/s to Arya College - (New) GIS s/s-12KM
- 11) 33kv U/G cabling from 132/33kV Guwahati M.C. (New) s/s to GMC Existing s/s-5KM
- 12) 33kv U/G cabling-(double circuit) from 132/33kV Guwahati M.C. (New) s/s to Ullobari Existing s/s-10KM
- 13) 33kv U/G cabling from 132/33kV Paltanbazar (New) s/s to Chabipool -(New) s/s -4 KM
- 14) 33kv U/G cabling-(double circuit) from 132/33kV Paltanbazar (New) s/s to Existing paltan bazaar s/s-2 KM
- 15) 33kv U/G cabling from 132/33kV Paltanbazar (New) s/s to Judes field Existing s/s-5 KM

- 16) 33kv U/G cabling from 132/33kV Paltanbazar (New) s/s to Jail(Fency bazaar) Existing s/s-4 KM
- 17) 33kv U/G cabling-(double circuit) from 132/33kV Paltanbazar (New) s/s to Ullobari Existing s/s-4 KM
- 18) Fibre Optic cable installation on above lines that includes 80 kms. of Under Ground FO Cable

#### **9. ASSAM TR- 01 : (T&R)**

- 1) 2 x 160MVA, 220/132kV 3-Ph Auto Transformer at Amingaon (New) GIS s/s
- 2) 2 x160MVA, 220/132kV 3-Ph Auto Transformer at Samaguri s/s (Augm)
- 3) 2 x 100MVA, 220/132kV 3-Ph Auto Transformer at Behiating (New) s/s
- 4) 2 x50MVA, 132/33kV 3-Ph Power Transformer at Dhaligaon s/s (Augm)
- 5) 2x50MVA, 132/33kV 3-Ph Power Transformer at Guwahti Medical College (GMC) (New) GIS
- 6) 2 x50MVA, 132/33kV 3-Ph Power Transformer at Paltanbazar (New) GIS
- 7) 2 x 50MVA, 132/33kV 3-Ph Power Transformer at New Tejpur (New) s/s
- 8) 1 x40MVA, 132/33kV 3-Ph Power Transformer at Samaguri s/s (Augm)
- 9) 2 x31.5MVA, 132/33kV 3-Ph Power Transformer at Hazo (New) s/s
- 10) 2 x31.5MVA, 132/33kV 3-Ph Power Transformer at Tangla (New) s/s
- 11) 2 x31.5MVA, 132/33kV 3-Ph Power Transformer at Silapathar (New) s/s
- 12) 2 x31.5MVA, 132/33kV 3-Ph Power Transformer at Teok (New) s/s
- 13) 2 x25MVA, 132/33kV 3-Ph Power Transformer at Sarupathar (New) s/s
- 14) 4 x8.33MVA, 132/33kV 1-Ph Power Transformer at Chapakhowa (New) s/s

#### **10. ASSAM TW-01:**

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

#### **11. ASSAM TW-02:**

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

#### **12. ASSAM TW-03:**

- i. Kahilipara – Guwahati Medical college 132 kV D/C line (including 2 km cable)
- 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

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

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

#### **14. ASSAM TW-05:**

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

#### **15. ASSAM TW-06:**

- i. LILO of Golaghat – Bokajan 132 kV S/c line at Sarupathar
- ii. Sonabil – Tezpur (New) 132 kV D/c line
- iii. LILO of Jorhat (Gormur) – Nazira 132 kV S/c on D/c at Teok

### **MEGHALAYA:**

#### **1. MEGHALAYA SS – 01: (NECCON)**

- 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: (TECHNO)**

- 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: (NECCON)**

- i. 33/11 kV Mynkree (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: (NECCON)**

- 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 : (NECCON)**

- 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

**6 MEGHALAYA TW – 01 (Unique)**

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

**7 MEGHALAYA TW -02 (Unique)**

- 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 : (SPML)**

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

**2 TRIPURA SS – 02 : (SPML)**

- 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 : (SPML)**

- 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: (Technofab)**

- i. 07 nos. 33/11 kV New S/s at Karbook, Muhuripur, Dalak(Chelagang), BC Manu, Rangamati (Bampur), Matabari, Garjee
- ii. 33 kV Bay addition at Jatanbari, Udaipur S/s.
- iii. 09 nos. 33kV lines (107 Kms)

**5 TRP--DMS -02: (Technofab)**

- i. 08 nos. 33/11 kV New S/s at Radhanagar, Manughat, Srinagar, Harina, Rupaichari, Ekinpur, Ratanpur, Barpathari
- ii. 33 kV Bay addition at Rajnagar, Jolaibari, Silachari S/s.
- iii. 13 nos. 33kV lines (229 Kms)

#### **6 TRP--DMS -03: (Technofab)**

- i. 06 nos. 33/11 kV New S/s at Jampuijala, Sekerkote, Golaghati, Durganagar, Nidaya, Nalchar
- ii. 33 kV Bay addition at Bishramganj, Jangalia, Takarjala, Madhupur, Kathalia, Melagarh, Bishramganj S/s.
- iii. 13 nos. 33kV lines (151 Kms)

#### **7 TRP--DMS -04: (Technofab)**

- i. 08 nos. 33/11 kV New S/s at Khowai, Simna, Barkathal, Bamutia, Lembucherra, Champak Nagar, Ranirbazar, ADC Head Qtr
- ii. 33 kV Bay addition at Durjoynagar, Ampura, Dhalabil, Hezamara, Jirania S/s.
- iii. 14 nos. 33kV lines (164 Kms)

#### **8 TRP--DMS -05:**

- i. 05 nos. 33/11 kV New S/s at Jawhar Nagar, Chailengta, Dhumachhera, 82 mile, Tilla Bazar
- ii. 33 kV Bay addition at Gandacherra, Chawmanu, Rangrung S/s.
- iii. 08 nos. 33kV lines (119 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

#### **10. TRP-TW-02:**

- 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

#### **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

### **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. 33 kV Bay addition at Chandel, Mongsangei, Iroisemba, Kongba S/s.

- iii. 07 nos. 33kV lines (58 Kms)
- 2 Manipur-DMS-02: (Winpower)**
  - 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: (Siddartha)**
  - 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: (Siddartha)**
  - i. 33/11 kV New S/s at Sanjenbam
  - ii. 33/11 kV New S/s at
  - 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.)
- 5. MAN-TW-01:**
  - 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
- 6. MAN-TW-02:**
  - i. Stringing of Yaingangpokpi - Kongba 132kV line (2<sup>nd</sup>ckt)
  - ii. Stringing of Kakching - Kongba 132kV line (2<sup>nd</sup>ckt)
  - iii. 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
- 7. MAN-TW-03:**
  - i. Imphal (PG) - Ningthoukhong 132 kV D/c line
  - ii. Rengpang-Tamenlong 132kV S/C line on D/C tower
- 8. 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

**9. 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

**10 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. 03 nos. 33/11 kV New S/s at Mokochung Town Power House, Mokochung Town Hospital Area, Zunheboto south point
- ii. 33 kV Bay addition at Suruhuto, Akuloto, Pughoboto, Torogonyu, Mokochung S/s.
- iii. 05 nos. 33kV lines (54 Kms)

**3 NAG-DMS -03: (S&W)**

- 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 Kms)
- vi. 33kV line from Proposed 132/33 KV S/s at Pfutsero to Proposed 33 kV S/s at Pfutsero (4 Kms.)

**4 NAG-DMS -04: (S& W)**

- 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 & Referral Hospital
- v. 33kV line from Nagarjan 132/66/33 kv (existing ) S/s to Proposed 33 kV S/s at Padam Pukhri (10 Kms)

**5 NAG-TW-01:**

- i. New Kohima – Mokokchung (PG) 220 kV S/c line on D/c tower
- 6. **NAG-TW-02:**
  - i. Wokha (Doyang River) - Zunheboto – Mokokchung (Nagaland) 132 kV S/c on D/c line
- 7. **NAG-TW-03:**
  - i. LILO of Mokokchung (Nagaland) - Mariani (Assam) 132 kV D/c line at Longnak
  - ii. Tuensang – Longleng 132 kV S/c on D/c line
- 8. **NAG-TW-04:**
  - i. LILO of Kohima – Wokha 132 kV S/c line at New Kohima
  - ii. LILO of Kohima – Meluri (Kiphire) 132 kV S/c line at Pfutsero
- 9. **NAG-TW-05:**
  - i. New Kohima (Zadima) – New Secretariat Complex Kohima 132 kV D/c line
- 10. **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
- 11. **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
- 12. **NAG-SS-03:**
  - i. 2x25 MVA, 132/33 kV new sub-station at New Secretariat Complex Kohima
  - ii. 220/132kV New Kohima Substation (extension)
- 13. **NAG-SS-04:**
  - i. 2x25 MVA, 132/33 kV new sub-station at Pfutsero
  - ii. 1x25 MVA, 132/33 kV transformer at Wokha (extension)
- 14. **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. Lungsan – Chawngte 132 kV S/c line (charged at 33 kV)
  - ii. Chawngte – S. Bungtlang 132 kV S/c line via S. Diltlang (charged at 33 kV)
- 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 Lungsen 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: 16

No. of Awarded Packages: 9

| Sl. No | Packages             | Description         | Remarks                                                                                                                                                                                     |
|--------|----------------------|---------------------|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.     | 6 (TW-01 to TW-06)   | Transmission Lines  | 3 packages: 1 <sup>st</sup> Bids opened on 7 <sup>th</sup> April'17. Price bids of 2 package opened on 21 <sup>st</sup> June'17.<br>3 packages: No response, to be annulled and re-tendered |
| 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    | Ready for award, hold due to delay in award of tower packages                                                                                                                               |

### **Transmission line Package Status**

- 1. TW-01:** Yet to be awarded
  - i. Rangia – Amingaon 220 kV D/C line
- 2. TW-02:** Yet to be awarded
  - i. Tinsukia – Behiating (new Dibrugarh) 220 kV D/C line
- 3. TW-03:** Yet to be awarded
  - i. Kahilipara – Guwahati Medical college 132 kV D/C line (including 2 km cable)
  - 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
- 4. TW-04:** Yet to be awarded
  - i. Dhemaji – Silapathar 132 kV S/c on D/c line
- 5. TW-05:** Yet to be awarded
  - i. Rupai – Chapakhowa 132 kV S/c on D/c line
- 6. TW-06:** Yet to be awarded
  - i. LILO of Golaghat – Bokajan 132 kV S/c line at Sarupathar
  - ii. Sonabil – Tezpur (New) 132 kV D/c line
  - iii. LILO of Jorhat (Gormur) – Nazira 132 kV S/c on D/c at Teok
- 7. SS-04:** Awarded to M/s Techno on 6<sup>th</sup> May'17
  - i. Amingaon –Rangia 220 kV D/C Underground Cable

Length of cable (km) : Route survey under progress  
No. of Joints :

|                              |          |
|------------------------------|----------|
| No. of joints completed      | :        |
| Cable laid (kms)             | :        |
| Scheduled date of completion | : Feb'19 |
| Constraints if any           | :        |

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

|                              |                          |
|------------------------------|--------------------------|
| Length of cable (km)         | : Route survey Completed |
| No. of Joints                | :                        |
| No. of joints completed      | :                        |
| Cable laid (kms)             | :                        |
| Scheduled date of completion | : Feb'19                 |
| Constraints if any           | :                        |

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

### **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 (%)               | : | 90% Site leveling completed, Boundary wall in progress |
| Equipment received (%)       | : |                                                        |
| Equipment erected (%)        | : |                                                        |
| Scheduled date of completion | : | Mar'19                                                 |
| Constraint if any            | : |                                                        |

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

|                              |   |                                                                                  |
|------------------------------|---|----------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                         |
| Civil work (%)               | : | 60% Site leveling completed, Boundary wall & Control Room foundation in progress |
| Equipment received (%)       | : |                                                                                  |
| Equipment erected (%)        | : |                                                                                  |
| Scheduled date of completion | : | Mar'19                                                                           |
| Constraint if any            | : |                                                                                  |

- 3. Augmentation of Samaguri 220/132 kV sub-station by replacing existing 2x50 MVA, 200/132 kV transformer by 2x160 MVA, 220/132 kV transformer**
- |                  |   |                                                        |
|------------------|---|--------------------------------------------------------|
| Land acquisition | : | Acquired (Contouring and soil investigation completed) |
| Civil work (%)   | : |                                                        |

|                              |   |        |
|------------------------------|---|--------|
| Equipment received (%)       | : |        |
| Equipment erected (%)        | : |        |
| Scheduled date of completion | : | Mar'19 |
| Constraint if any            |   |        |

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

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

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

|                              |   |                                         |
|------------------------------|---|-----------------------------------------|
| Land acquisition             | : | Acquired (Soil investigation completed) |
| Civil work (%)               | : | 10% Tower foundation is completed.      |
| Equipment received (%)       | : |                                         |
| Equipment erected (%)        | : |                                         |
| Scheduled date of completion | : | Nov'18                                  |
| Constraint if any            |   |                                         |

**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 (%)                | : | Site leveling, Boundary wall, Tower foundation and Control Room foundation in progress |
| Equipment received (%)        | : |                                                                                        |
| Equipment erected (%)         | : |                                                                                        |
| Scheduled date of completion: |   | Mar'19                                                                                 |
| Constraint if any             |   |                                                                                        |

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

|                              |   |                                                               |
|------------------------------|---|---------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                      |
| Civil work (%)               | : | 25% Site leveling completed, Tower foundation is in Progress. |
| Equipment received (%)       | : |                                                               |
| Equipment erected (%)        | : |                                                               |
| Scheduled date of completion | : | Mar'19                                                        |
| Constraint if any            |   |                                                               |

#### 8. 2x25 MVA, 132/33 kV new sub-station at Sarupathar

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

Civil work (%) : (Site leveling, Boundary Wall, Tower foundation, Equipment foundation and Control Room Foundation in progress)

Equipment received (%) :

Equipment erected (%) :

Scheduled date of completion: Mar'19

Constraint if any

#### **9. 4x8.33 MVA (Single Phase), 132/33 kV new sub-station at Chapakhowa**

Land acquisition : Acquired

Civil work (%) : 85% Site leveling completed & Boundary wall started

Equipment received (%) :

Equipment erected (%) :

Scheduled date of completion: Mar'19

Constraint if any

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

Land acquisition : Acquired (Soil investigation completed)

Civil work (%) :

Equipment received (%) :

Equipment erected (%) :

Scheduled date of completion: Nov'18

Constraint if any

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

Land acquisition : Acquired (Soil investigation completed)

Civil work (%) :

Equipment received (%) :

Equipment erected (%) :

Scheduled date of completion: Dec'18

Constraint if any

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

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

Land acquisition : Acquired

Civil work (%) : 81 % Site leveling completed, Boundary wall, Control Room Foundation and construction of Transit Camp under progress

Equipment received (%) :

Equipment erected (%) :

Scheduled date of completion: Mar'19

Constraint if any

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

Land acquisition : Acquired (soil investigation completed)

Civil work (%) :

Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Mar'19  
 Constraint if any

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

Land acquisition : Acquired (Soil investigation completed)  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Nov'18  
 Constraint if any

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

Land acquisition : Acquired (Soil investigation completed)  
 Civil work (%) : Equipment foundation is in progress  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Dec'18  
 Constraint if any

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

Land acquisition : Acquired (soil investigation completed)  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Mar'19  
 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 (%) : (Site Leveling & Control room foundation is in progress)  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Mar'19  
 Constraint if any :

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

Land acquisition : Acquired  
 Civil work (%) : 41% Site leveling completed, Boundary wall and Control Room building is in progress.  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Mar'19

Constraint if any :

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

Land acquisition : Acquired (Contour Survey completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Mar'19  
Constraint if any :

**20. 132kV Kamakhya s/s (Extn) Substation**

Land acquisition : Acquired (Soil investigation Completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Feb'19  
Constraint if any :

**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 (Soil investigation completed)  
Civil work (%) : 50% Site leveling is completed  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion : Jul'19  
Constraint if any :

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

Land acquisition : Acquired  
Civil work (%) : Site leveling completed, Boundary wall & Control room foundation is in progress.  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Jul'19  
Constraint if any :

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

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :

Equipment erected (%) :  
 Scheduled date of completion : Jul'19  
 Constraint if any :

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

Land acquisition : Acquired  
 Civil work (%) : 40% Site leveling is completed  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion : Jul'19  
 Constraint if any :

**25. Extn. of Parowa existing S/S**

Land acquisition : Acquired (Soil investigation completed)  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Jul'19  
 Constraint if any :

**26. Extn. of Dolabari existing S/S**

Land acquisition : Acquired (Soil investigation completed)  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Jul'19  
 Constraint if any :

**27. Extn. of Samguri existing S/S**

Land acquisition : Acquired (Soil investigation completed)  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Jul'19  
 Constraint if any :

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

|                               |   |                                        |
|-------------------------------|---|----------------------------------------|
| Land acquisition              | : | Acquired(Soil investigation completed) |
| Civil work (%)                | : |                                        |
| Equipment received (%)        | : |                                        |
| Equipment erected (%) :       |   |                                        |
| Scheduled date of completion: |   | Jul'19                                 |
| Constraint if any             | : |                                        |

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

|                               |   |                                         |
|-------------------------------|---|-----------------------------------------|
| Land acquisition              | : | Acquired (Soil investigation completed) |
| Civil work (%)                | : |                                         |
| Equipment received (%)        | : |                                         |
| Equipment erected (%) :       |   |                                         |
| Scheduled date of completion: |   | Jul'19                                  |
| Constraint if any             | : |                                         |

**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 (Soil investigation completed) |
| Civil work (%)                | : |                                         |
| Equipment received (%)        | : |                                         |
| Equipment erected (%) :       |   |                                         |
| Scheduled date of completion: |   | Sep'19                                  |
| Constraint if any             | : |                                         |

## 31. 2X5 MVA, 33/11kV new sub-station at Bogibil

|                               |   |                                         |
|-------------------------------|---|-----------------------------------------|
| Land acquisition              | : | Acquired (Soil investigation completed) |
| Civil work (%)                | : |                                         |
| Equipment received (%)        | : |                                         |
| Equipment erected (%) :       |   |                                         |
| Scheduled date of completion: |   | Sep'19                                  |
| Constraint if any             | : |                                         |

## 32. 2X10 MVA, 33/11kV new sub-station at Dibrugarh

|                               |   |                                     |
|-------------------------------|---|-------------------------------------|
| Land acquisition              | : | Acquired (Contour survey completed) |
| Civil work (%)                | : |                                     |
| Equipment received (%)        | : |                                     |
| Equipment erected (%) :       |   |                                     |
| Scheduled date of completion: |   | Sep'19                              |
| Constraint if any             | : |                                     |

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

|                               |   |                                         |
|-------------------------------|---|-----------------------------------------|
| Land acquisition              | : | Acquired (Soil investigation completed) |
| Civil work (%)                | : |                                         |
| Equipment received (%)        | : |                                         |
| Equipment erected (%) :       |   |                                         |
| Scheduled date of completion: |   | Sep'19                                  |
| Constraint if any             | : |                                         |

**34. Extn. of Samaguri 132/33kV S/s**

|                               |   |                                         |
|-------------------------------|---|-----------------------------------------|
| Land acquisition              | : | Acquired (Soil investigation completed) |
| Civil work (%)                | : |                                         |
| Equipment received (%)        | : |                                         |
| Equipment erected (%) :       |   |                                         |
| Scheduled date of completion: |   | Sep'19                                  |
| Constraint if any             | : |                                         |

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

|                               |   |                                         |
|-------------------------------|---|-----------------------------------------|
| Land acquisition              | : | Acquired (Soil investigation completed) |
| Civil work (%)                | : |                                         |
| Equipment received (%)        | : |                                         |
| Equipment erected (%) :       |   |                                         |
| Scheduled date of completion: |   | Sep'19                                  |
| Constraint if any             | : |                                         |

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

|                               |   |                                         |
|-------------------------------|---|-----------------------------------------|
| Land acquisition              | : | Acquired (Soil investigation completed) |
| Civil work (%)                | : |                                         |
| Equipment received (%)        | : |                                         |
| Equipment erected (%) :       |   |                                         |
| Scheduled date of completion: |   | Sep'19                                  |
| Constraint if any             | : |                                         |

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

|                  |   |                                         |
|------------------|---|-----------------------------------------|
| Land acquisition | : | Acquired (Soil investigation completed) |
| Civil work (%)   | : |                                         |

Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Sep'19  
Constraint if any :

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

Land acquisition : Acquired  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Sep'19  
Constraint if any :

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

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Sep'19  
Constraint if any

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

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Sep'19  
Constraint if any

**41. Extn. of Zangi 33/11kV S/s**

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Sep'19  
Constraint if any

**42. Extn. of Pragati 33/11kV S/s**

Land acquisition : Acquired (Soil investigation completed)  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Sep'19

**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 (Soil investigation completed)  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Sep'19  
 Constraint if any

**44. 2X5 MVA, 33/11kV new sub-station at Sesa**

Land acquisition : Acquired (Soil investigation Completed)  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Sep'19

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

Land acquisition : Acquired (Soil investigation completed)  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Sep'19

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

Land acquisition : Acquired (Soil investigation completed)  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion: Sep'19

**47. 2X10 MVA2, 33/11kV new sub-station at Chabipool**

Land acquisition : Acquired .  
 Civil work (%) :  
 Equipment received (%) :

Equipment erected (%) :  
Scheduled date of completion: Sep'19

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

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Sep'19

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

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Sep'19

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

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Sep'19

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

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Sep'19

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

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Sep'19

**53. Existing Paltanbazaar S/S**

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Sep'19

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

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Sep'19

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

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Sep'19

**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 (%) : Site Leveling and Control room foundation is in progress  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Mar'19

**57. 2X10 MVA, 33/11kV new sub-station at GMC-2**

Land acquisition : Acquired  
Civil work (%) : Site Leveling & Control room foundation is in progress  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Mar'19

Constraint if any

**58. 2X10 MVA 33/11kV new sub-station at Tarun Nagar**

Land acquisition : Acquired  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Mar'19  
Constraint if any

**59. 2X10 MVA, 33/11kV new sub-station at Arya College (New) GIS s/s**

Land acquisition : Acquired  
Civil work (%) : Site Leveling and control room foundation is in progress  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Mar'19  
Constraint if any

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

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Mar'19  
Constraint if any

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

Land acquisition : Acquired (Soil investigation completed)  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion: Mar'19  
Constraint if any

### **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)              | : | 122                                                          |
| Tower Locations(nos)         | : | 369                                                          |
| Foundation completed(nos)    | : | Preliminary Survey completed, Detail Survey is in progress). |
| Tower Erected(nos)           | : |                                                              |
| Stringing completed(kms)     | : |                                                              |
| Scheduled date of completion | : | Sept'19                                                      |
| Constraint if any:           | : |                                                              |

**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)              | : | 17                                              |
| Tower Locations(nos)         | : | 99                                              |
| Foundation completed(nos)    | : | Preliminary Survey and Detail Survey completed. |
| Tower Erected(nos)           | : |                                                 |
| Stringing completed(kms)     | : |                                                 |
| Scheduled date of completion | : | Sept'19                                         |
| Constraint if any:           | : |                                                 |

3. Phulbari – Ampati 132 kV D/c line

|                           |   |                            |
|---------------------------|---|----------------------------|
| Line Length(km)           | : | 69                         |
| Tower Locations(nos)      | : | 239                        |
| Foundation completed(nos) | : | 7 no. Foundation completed |
| Tower Erected(nos)        | : |                            |

Stringing completed(kms) :  
 Scheduled date of completion : Sept'19  
 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 (%) : 80% Site leveling completed  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion : April'19  
 Constraint if any :

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

Land acquisition : Acquired  
  
 Civil work (%) : 80% site leveling completed, Boundary wall,  
 Control room is in progress  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion : April'19  
 Constraint if any :

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

Land acquisition : Acquired  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion : Oct'18  
 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 (%) : 15% Site leveling completed  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion : April'19  
 Constraint if any :

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

|                              |   |                                                                       |
|------------------------------|---|-----------------------------------------------------------------------|
| Land acquisition             | : | Acquired (Contour survey completed & Soil investigation in progress). |
| Civil work (%)               | : | Site leveling is in progress                                          |
| Equipment received (%)       | : |                                                                       |
| Equipment erected (%)        | : |                                                                       |
| Scheduled date of completion | : | April'19                                                              |
| Constraint if any            | : |                                                                       |

6. 220kV Byrnihat (Killing) AIS Substation Extension

|                              |   |                              |
|------------------------------|---|------------------------------|
| Land acquisition             | : | Acquired                     |
| Civil work (%)               | : | Soil Investigation Completed |
| Equipment received (%)       | : |                              |
| Equipment erected (%)        | : |                              |
| Scheduled date of completion | : | April'19                     |
| Constraint if any            | : |                              |

## **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 Mynkree**

|                              |   |                                                                                                         |
|------------------------------|---|---------------------------------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                                                |
| Civil work (%)               | : | Site leveling completed, Boundary wall, Transformer foundation and Control room building is in progress |
| Equipment received (%)       | : |                                                                                                         |
| Equipment erected (%)        | : |                                                                                                         |
| Scheduled date of completion | : | April'19                                                                                                |
| Constraint if any            | : |                                                                                                         |

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

|                  |   |                                                                                                         |
|------------------|---|---------------------------------------------------------------------------------------------------------|
| Land acquisition | : | Acquired                                                                                                |
| Civil work (%)   | : | Site leveling completed, Boundary wall, Transformer foundation and Control room building is in progress |

|                              |   |          |
|------------------------------|---|----------|
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | April'19 |
| Constraint if any            | : |          |

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

|                              |   |                                     |
|------------------------------|---|-------------------------------------|
| Land acquisition             | : | Acquired (Contour Survey Completed) |
| Civil work (%)               | : |                                     |
| Equipment received (%)       | : |                                     |
| Equipment erected (%)        | : |                                     |
| Scheduled date of completion | : | April'19                            |
| Constraint if any            | : |                                     |

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

|                              |   |                                                               |
|------------------------------|---|---------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                      |
| Civil work (%)               | : | 85% Site Levelling completed and Boundary wall is in Progress |
| Equipment received (%)       | : |                                                               |
| Equipment erected (%)        | : |                                                               |
| Scheduled date of completion | : | April'19                                                      |
| 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**

|                              |   |                                                                                    |
|------------------------------|---|------------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                           |
| Civil work (%)               | : | Site Levelling Completed, Boundary Wall and Control room foundation is in progress |
| Equipment received (%)       | : |                                                                                    |
| Equipment erected (%)        | : |                                                                                    |
| Scheduled date of completion | : | Feb'19                                                                             |
| Constraint if any            | : |                                                                                    |

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

|                              |   |                                                                                    |
|------------------------------|---|------------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                           |
| Civil work (%)               | : | Site Levelling Completed, Boundary Wall and Control room foundation is in progress |
| Equipment received (%)       | : |                                                                                    |
| Equipment erected (%)        | : |                                                                                    |
| Scheduled date of completion | : | Feb'19                                                                             |
| Constraint if any            | : |                                                                                    |

### **13. 33/11 kV new sub-station at Rajabala**

|                              |   |                    |
|------------------------------|---|--------------------|
| Land acquisition             | : | Yet to be Acquired |
| Civil work (%)               | : |                    |
| Equipment received (%)       | : |                    |
| Equipment erected (%)        | : |                    |
| Scheduled date of completion | : | Feb'19             |
| Constraint if any            | : |                    |

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

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Feb'19   |
| Constraint if any            | : |          |

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

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Feb'19   |
| Constraint if any            | : |          |

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

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

|                              |   |                                                                                                                                                                      |
|------------------------------|---|----------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                                                                                                             |
| Civil work (%)               | : | Site leveling & Tower foundations completed, 95% of Boundary wall & 90% of Transformer foundation completed, Control room and equipment foundation work in progress. |
| Equipment received (%)       | : |                                                                                                                                                                      |
| Equipment erected (%)        | : |                                                                                                                                                                      |
| Scheduled date of completion | : | Feb'19                                                                                                                                                               |
| Constraint if any            | : |                                                                                                                                                                      |

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

|                              |   |                               |
|------------------------------|---|-------------------------------|
| Land acquisition             | : | Acquired                      |
| Civil work (%)               | : | 65%Boundary wall is completed |
| Equipment received (%)       | : |                               |
| Equipment erected (%)        | : |                               |
| Scheduled date of completion | : | Feb'19                        |
| Constraint if any            | : |                               |

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

|                              |   |                                                            |
|------------------------------|---|------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                   |
| Civil work (%)               | : | Site leveling completed and Boundary wall – 75% completed. |
| Equipment received (%)       | : |                                                            |
| Equipment erected (%)        | : |                                                            |
| Scheduled date of completion | : | Feb'19                                                     |
| Constraint if any            | : |                                                            |

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

|                              |   |                                                                                       |
|------------------------------|---|---------------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                              |
| Civil work (%)               | : | 70% Site leveling completed, Control room Foundation and Boundary wall is in progress |
| Equipment received (%)       | : |                                                                                       |
| Equipment erected (%)        | : |                                                                                       |
| Scheduled date of completion | : | Feb'19                                                                                |
| Constraint if any            | : |                                                                                       |

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

Land acquisition : Acquired  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion : Feb'19  
 Constraint if any

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

Land acquisition : Acquired  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion : Feb'19  
 Constraint if any

## Manipur

Total no. of Packages: 10

No. of Awarded Packages: 4

| Sl. No | Packages             | Description         | Remarks                                                                           |
|--------|----------------------|---------------------|-----------------------------------------------------------------------------------|
| 1.     | 3 (TW-01 to TW-03)   | Transmission Lines  | Price bids opened on 16 <sup>th</sup> June'17. Bids are under evaluation.         |
| 2.     | 3 (SS-01 to SS-03)   | Sub-stations        | 1 <sup>st</sup> Bids opened on 1 <sup>st</sup> May'17. Bids are under evaluation. |
| 3.     | 4 (DMS-01 to DMS-04) | Distribution system | All awarded                                                                       |

## Transmission line

### 1. MAN-TW-01: Yet to be awarded

- Renovation of Yurembum – Karong - Mao (Manipur-Nagaland border) section of Yurembum-Karong-Kohima 132kV S/c line
- LILO of Yurembam(Imphal-State) – Karong 132 kV line at Gamphajol

### 2. MAN-TW-02: Yet to be awarded

- Stringing of Yaingangpokpi - Kongba 132kV line (2<sup>nd</sup>ckt)
- Stringing of Kakching - Kongba 132kV line (2<sup>nd</sup>ckt)
- 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

3. **MAN-TW-03:** Yet to be awarded
  - i. Imphal (PG) - Ningthoukhong 132 kV D/c line
  - ii. Rengpang-Tamenlong 132kV S/C line on D/C tower

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

1. **MAN-SS-01:** Yet to be awarded
  - 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.
2. **MAN-SS-02:** Yet to be awarded
  - 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
3. **MAN-SS-03:** Yet to be awarded
  - 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

### **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 (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : |          |
| Constraint if any            | : |          |

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

|                        |   |                                      |
|------------------------|---|--------------------------------------|
| Land acquisition       | : | Acquired (Contour survey completed ) |
| Civil work (%)         | : |                                      |
| Equipment received (%) | : |                                      |
| Equipment erected (%)  | : |                                      |

Scheduled date of completion :  
Constraint if any :

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

Land acquisition : Acquired  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion :  
Constraint if any :

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

Land acquisition : Acquired (Contour survey completed )  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion : Feb'19  
Constraint if any :

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

Land acquisition : Acquired (Contour survey completed )  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion :  
Constraint if any :

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

Land acquisition : Acquired  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion :  
Constraint if any :

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

|                              |   |                                      |
|------------------------------|---|--------------------------------------|
| Land acquisition             | : | Acquired (Contour survey completed ) |
| Civil work (%)               | : |                                      |
| Equipment received (%)       | : |                                      |
| Equipment erected (%)        | : |                                      |
| Scheduled date of completion | : |                                      |
| Constraint if any            |   |                                      |

#### **8. Extn. of 33/11 kV Yrembam S/s**

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

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

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

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

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

#### **11.Extn. of 33/11 kV Kongba S/s**

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

|                              |   |
|------------------------------|---|
| Civil work (%)               | : |
| Equipment received (%)       | : |
| Equipment erected (%)        | : |
| Scheduled date of completion | : |
| Constraint if any            |   |

## 12. Thoubal (Augmentation)

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

## 13. Wangjing\* (Augmentation)

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

## 14. Leimakhong\* (Augmentation)

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

## 15. Kangpokpi\* (Augmentation)

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

**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 (Contour Completed) |
| Civil work (%)               | : |                              |
| Equipment received (%)       | : |                              |
| Equipment erected (%)        | : |                              |
| Scheduled date of completion | : | Sept'19                      |
| Constraint if any            |   |                              |

**17.33/11 kV New Substation at Leimapokpam**

|                              |   |                                                                |
|------------------------------|---|----------------------------------------------------------------|
| Land acquisition             | : | Acquired (Contour Completed and Soil investigation completed ) |
| Civil work (%)               | : |                                                                |
| Equipment received (%)       | : |                                                                |
| Equipment erected (%)        | : |                                                                |
| Scheduled date of completion | : | Sept'19                                                        |
| Constraint if any            |   |                                                                |

**18. Ningthoukhong (Augmentation)**

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Sept'19  |
| Constraint if any            |   |          |

**19. Yaingangpokpi (Augmentation)**

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Sept'19  |
| Constraint if any            |   |          |

## **20. Nambol(Augmentation)**

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Sept'19  |
| Constraint if any            |   |          |

## **21. Khwairakpan (Augmentation)**

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Sept'19  |
| Constraint if any            |   |          |

## **22. Moirang Khunou(Augmentation)**

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Sept'19  |
| Constraint if any            |   |          |

## **23. Jiribam(Augmentation)**

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Sept'19  |
| Constraint if any            |   |          |

## **24. Khoupum (Augmentation)**

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

|                              |   |         |
|------------------------------|---|---------|
| Civil work (%)               | : |         |
| Equipment received (%)       | : |         |
| Equipment erected (%)        | : |         |
| Scheduled date of completion | : | Sept'19 |
| Constraint if any            |   |         |

## 25. Tamenglong (Augmentation)

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Sept'19  |
| Constraint if any            |   |          |

## 26. Extn. of Existing Nambol s/s

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Sept'19  |
| Constraint if any            |   |          |

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

### 27. 33/11 kV New Substation at Porompat

|                              |   |                                                                                                                                                                                 |
|------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                                                                                                                        |
| Civil work (%)               | : | Site leveling and Boundary wall completed ,<br>Transformer Foundation- 95% completed, Tower<br>foundation- 75% completed. Control room &<br>Equipment Foundation under progress |
| Equipment received (%)       | : |                                                                                                                                                                                 |
| Equipment erected (%)        | : |                                                                                                                                                                                 |
| Scheduled date of completion | : | Dec'18                                                                                                                                                                          |
| Constraint if any            |   |                                                                                                                                                                                 |

### 28. 33/11 kV New Substation at Thangal

|                              |   |                                                                                                                                             |
|------------------------------|---|---------------------------------------------------------------------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                                                                                    |
| Civil work (%)               | : | Soil Investigation Completed , Boundary wall-40%, Control room building: 10% completed. Transformer & Equipment foundation work in progress |
| Equipment received (%)       | : |                                                                                                                                             |
| Equipment erected (%)        | : |                                                                                                                                             |
| Scheduled date of completion | : | Dec'18                                                                                                                                      |
| Constraint if any            |   |                                                                                                                                             |

### **29. Extn. of Existing 33/11kV Khuman Lampak**

|                              |   |                                         |
|------------------------------|---|-----------------------------------------|
| Land acquisition             | : | Acquired                                |
| Civil work (%)               | : | Transformer foundation – 95% completed. |
| Equipment received (%)       | : |                                         |
| Equipment erected (%)        | : |                                         |
| Scheduled date of completion | : | Dec'18                                  |
| Constraint if any            |   |                                         |

### **30. Extn. of Existing 33/11kV Khoupom**

|                              |   |                                                        |
|------------------------------|---|--------------------------------------------------------|
| Land acquisition             | : | Acquired                                               |
| Civil work (%)               | : | Equipment foundation and Cable trench work in progress |
| Equipment received (%)       | : |                                                        |
| Equipment erected (%)        | : |                                                        |
| Scheduled date of completion | : | Dec'18                                                 |
| Constraint if any            |   |                                                        |

### **31. 1x5 MVA. Napetpalli (Augmentation)**

|                                       |   |                                       |
|---------------------------------------|---|---------------------------------------|
| Land acquisition                      | : | Acquired                              |
| Civil work (%)                        | : | 95% Transformer foundation completed, |
| Equipment foundation work in progress |   |                                       |
| Equipment received (%)                | : |                                       |
| Equipment erected (%)                 | : |                                       |
| Scheduled date of completion          | : | Dec'18                                |
| Constraint if any                     |   |                                       |

### **32. 1x3.15 MVA Kamjong (Augmentation)**

|                              |   |                                                                              |
|------------------------------|---|------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                     |
| Civil work (%)               | : | 95% Transformer foundation completed,<br>Equipment foundation is in progress |
| Equipment received (%)       | : |                                                                              |
| Equipment erected (%)        | : |                                                                              |
| Scheduled date of completion | : | Dec'18                                                                       |
| Constraint if any            |   |                                                                              |

### **33. 1x3.15 MVA Saikul (Augmentation)**

|                              |   |                                                                                 |
|------------------------------|---|---------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                        |
| Civil work (%)               | : | 95% Transformer foundation is completed,<br>Equipment foundation is in progress |
| Equipment received (%)       | : |                                                                                 |
| Equipment erected (%)        | : |                                                                                 |
| Scheduled date of completion | : | Dec'18                                                                          |
| Constraint if any            |   |                                                                                 |

### **34. 1x3.15 MVA New Chayang (Augmentation)**

|                                    |   |                                          |
|------------------------------------|---|------------------------------------------|
| Land acquisition                   | : | Acquired                                 |
| Civil work (%)                     | : | 90% Transformer foundation completed and |
| 60% Equipment foundation completed |   |                                          |
| Equipment received (%)             | : |                                          |
| Equipment erected (%)              | : |                                          |
| Scheduled date of completion       | : | Dec'18                                   |
| Constraint if any                  |   |                                          |

### **35. 1x3.15 MVA Litan (Augmentation)**

|                              |   |                                                                                   |
|------------------------------|---|-----------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                          |
| Civil work (%)               | : | 95% Transformer foundation completed and<br>75% Equipment foundation<br>completed |
| Equipment received (%)       | : |                                                                                   |
| Equipment erected (%)        | : |                                                                                   |
| Scheduled date of completion | : | Dec'18                                                                            |
| Constraint if any            |   |                                                                                   |

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

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

|                              |   |                                                                                                                      |
|------------------------------|---|----------------------------------------------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                                                             |
| Civil work (%)               | : | 70% Site leveling & 44% Boundary wall completed, Control room foundation and Transformer foundation work in progress |
| Equipment received (%)       | : |                                                                                                                      |
| Equipment erected (%)        | : |                                                                                                                      |
| Scheduled date of completion | : | Dec'18                                                                                                               |
| Constraint if any            |   |                                                                                                                      |

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

|                              |   |                                                                                                                                                      |
|------------------------------|---|------------------------------------------------------------------------------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                                                                                             |
| Civil work (%)               | : | Site leveling Completed , 98% Boundary wall & 95% Transformer foundation completed, Control room foundation & Equipment foundation work in progress) |
| Equipment received (%)       | : |                                                                                                                                                      |
| Equipment erected (%)        | : |                                                                                                                                                      |
| Scheduled date of completion | : | Dec'18                                                                                                                                               |
| Constraint if any            |   |                                                                                                                                                      |

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

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

**39. 1x5 MVA Karong (Augmentation)**

|                              |   |                                                                                                   |
|------------------------------|---|---------------------------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                                          |
| Civil work (%)               | : | 90% Transformer foundation & 40% Cable Trench completed and Equipment Foundation work in progress |
| Equipment received (%)       | : |                                                                                                   |
| Equipment erected (%)        | : |                                                                                                   |
| Scheduled date of completion | : | Dec'18                                                                                            |
| Constraint if any            |   |                                                                                                   |

#### 40. 1x3.15 MVA Tadubi (Augmentation)

Land acquisition : Acquired  
Civil work (%) : Transformer Foundation completed and  
Equipment foundation & Cable Trench work in progress.  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion : Dec'18  
Constraint if any

#### 41. 1x3.15 MVA Maram (Augmentation)

Land acquisition : Acquired  
Civil work (%) : Transformer Foundation completed and  
Equipment foundation & Cable Trench work in progress.  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion : Dec'18  
Constraint if any

### Mizoram

Total no. of Packages: 3

No. of Awarded Packages: Nil

| Sl. No | Packages         | Description         | Remarks                                                                                           |
|--------|------------------|---------------------|---------------------------------------------------------------------------------------------------|
| 1.     | 1 (TW-01 )       | Transmission Lines  | Price Bids opened on 29 <sup>th</sup> June'17. Bids are under evaluation.                         |
| 2.     | 2 (SS-01, SS-02) | Sub-stations        | Price Bids opened on 28 <sup>th</sup> June & 13 <sup>th</sup> June'17. Bids are under evaluation. |
| 3.     |                  | Distribution system | Included in SS-02                                                                                 |

## **Transmission line**

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

- i. Lungsan – Chawngte 132 kV S/c line (charged at 33 kV)
- ii. Chawngte – S. Bungtlang 132 kV S/c line via S. Diltlang (charged at 33 kV)

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

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

## **Sub-station**

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

- i. New sub-station at Lungsan 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

### **2. 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

## **Nagaland**

Total no. of Packages: 14

No. of Awarded Packages: 2

| Sl. No | Packages             | Description         | Remarks                                                                                                            |
|--------|----------------------|---------------------|--------------------------------------------------------------------------------------------------------------------|
| 1.     | 5 (TW-01 to TW-05)   | Transmission Lines  | Price Bids opened on 14 <sup>th</sup> & 23 <sup>rd</sup> June'17. Bids are under evaluation.                       |
| 2.     | 4 (SS-01 to SS-04)   | Sub-stations        | 1 <sup>st</sup> Bids to be opened on 8 <sup>th</sup> May'17                                                        |
| 3.     | 4 (DMS-01 to DMS-04) | Distribution system | 2 package : awarded<br>2 packages: 1 <sup>st</sup> Bids opened 31 <sup>st</sup> May'17. Bids are under evaluation. |
| 4.     | 1 (Telecom Equip.)   | Telecom Equipment   | NIT to be issued in Aug'17                                                                                         |

## **Transmission line**

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

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

### **2. NAG-TW-02:**

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

### **3. NAG-TW-03:**

- i. LILO of Mokokchung (Nagaland) - Mariani (Assam) 132 kV D/c line at Longnak
- ii. Tuensang – Longleng 132 kV S/c on D/c line

**4. NAG-TW-04:**

- i. LILO of Kohima – Wokha 132 kV S/c line at New Kohima
- ii. LILO of Kohima – Meluri (Kiphire) 132 kV S/c line at Pfutsero

**5. NAG-TW-05:**

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

**Sub-station**

**1. 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

**2. 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

**3. NAG-SS-03:**

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

**4. NAG-SS-04:**

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

**DMS Substations**

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

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

|                              |   |                                          |
|------------------------------|---|------------------------------------------|
| Land acquisition             | : | Acquired (Soil Investigation Completed ) |
| Civil work (%)               | : | Boundary wall started                    |
| Equipment received (%)       | : |                                          |
| Equipment erected (%)        | : |                                          |
| Scheduled date of completion | : | June'19                                  |
| Constraint if any            |   |                                          |

**6. 33/11 kV New S/s at Zhadima (New Kohima)**

|                              |   |                                          |
|------------------------------|---|------------------------------------------|
| Land acquisition             | : | Acquired (Soil Investigation Completed ) |
| Civil work (%)               | : | Boundary wall started                    |
| Equipment received (%)       | : |                                          |
| Equipment erected (%)        | : |                                          |
| Scheduled date of completion | : | June'19                                  |

Constraint if any

### **7. 33/11 kV New S/s at Pfutsero**

|                              |   |                                          |
|------------------------------|---|------------------------------------------|
| Land acquisition             | : | Acquired (Soil Investigation Completed ) |
| Civil work (%)               | : |                                          |
| Equipment received (%)       | : |                                          |
| Equipment erected (%)        | : |                                          |
| Scheduled date of completion | : | June'19                                  |
| Constraint if any            | : |                                          |

### **8. Botsa (Augementation)**

|                              |   |                                          |
|------------------------------|---|------------------------------------------|
| Land acquisition             | : | Acquired (Soil Investigation Completed ) |
| Civil work (%)               | : |                                          |
| Equipment received (%)       | : |                                          |
| Equipment erected (%)        | : |                                          |
| Scheduled date of completion | : | June'19                                  |
| Constraint if any            | : |                                          |

### **9. Chakabhama (Augementation)**

|                              |   |                                          |
|------------------------------|---|------------------------------------------|
| Land acquisition             | : | Acquired (Soil Investigation Completed ) |
| Civil work (%)               | : |                                          |
| Equipment received (%)       | : |                                          |
| Equipment erected (%)        | : |                                          |
| Scheduled date of completion | : | June'19                                  |
| Constraint if any            | : |                                          |

### **10. ITI Kohima (Augementation)**

|                              |   |                                         |
|------------------------------|---|-----------------------------------------|
| Land acquisition             | : | Acquired (Soil Investigation Completed) |
| Civil work (%)               | : |                                         |
| Equipment received (%)       | : |                                         |
| Equipment erected (%)        | : |                                         |
| Scheduled date of completion | : | June'19                                 |
| Constraint if any            | : |                                         |

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

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

|                              |   |                              |
|------------------------------|---|------------------------------|
| Land acquisition             | : | Acquired (Soil Investigation |
| Civil work (%)               | : | Boundary wall started        |
| Equipment received (%)       | : |                              |
| Equipment erected (%)        | : |                              |
| Scheduled date of completion | : | June'19                      |
| Constraint if any            |   |                              |

### **12. 33/11 kV New S/s at Tizit**

|                              |   |                                         |
|------------------------------|---|-----------------------------------------|
| Land acquisition             | : | Acquired (Soil Investigation completed) |
| Civil work (%)               | : |                                         |
| Equipment received (%)       | : |                                         |
| Equipment erected (%)        | : |                                         |
| Scheduled date of completion | : | June'19                                 |
| Constraint if any            |   |                                         |

### **13. Extn. of Existing 33/11kV Nagarjan**

|                              |   |                                         |
|------------------------------|---|-----------------------------------------|
| Land acquisition             | : | Acquired (Soil Investigation completed) |
| Civil work (%)               | : |                                         |
| Equipment received (%)       | : |                                         |
| Equipment erected (%)        | : |                                         |
| Scheduled date of completion | : | June'19                                 |
| Constraint if any            |   |                                         |

### **14. Industrial Estate SS (Augmentation)**

|                              |   |                                         |
|------------------------------|---|-----------------------------------------|
| Land acquisition             | : | Acquired (Soil Investigation completed) |
| Civil work (%)               | : |                                         |
| Equipment received (%)       | : |                                         |
| Equipment erected (%)        | : |                                         |
| Scheduled date of completion | : | June'19                                 |
| Constraint if any            |   |                                         |

### **15. Referral Hospital SS (Augmentation)**

|                  |   |                                         |
|------------------|---|-----------------------------------------|
| Land acquisition | : | Acquired (Soil Investigation completed) |
| Civil work (%)   | : |                                         |

Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion : June'19  
 Constraint if any :

## **Tripura**

Total no. of Packages: 11

No. of Awarded Packages:8

| 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.(Route survey works under progress)

**1. 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

**2. TRP-TW-02:**

- 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

**3. 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

### **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(Soil investigation completed )  
 Civil work (%) : Site leveling 80% completed  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion : Nov'19  
 Constraint if any :

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

Land acquisition : Acquired (Contouring & soil investigation completed).

|                              |   |        |
|------------------------------|---|--------|
| Civil work (%)               | : |        |
| Equipment received (%)       | : |        |
| Equipment erected (%)        | : |        |
| Scheduled date of completion | : | Nov'19 |
| Constraint if any            | : |        |

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

|                              |   |                                                       |
|------------------------------|---|-------------------------------------------------------|
| Land acquisition             | : | Acquired (Contouring & soil investigation completed). |
| Civil work (%)               | : | Site leveling is in progress                          |
| Equipment received (%)       | : |                                                       |
| Equipment erected (%)        | : |                                                       |
| Scheduled date of completion | : | Nov'19                                                |
| Constraint if any            | : |                                                       |

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

|                              |   |                                                                |
|------------------------------|---|----------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                       |
| Civil work (%)               | : | 90% Site leveling completed and Control room work in progress. |
| Equipment received (%)       | : |                                                                |
| Equipment erected (%)        | : |                                                                |
| Scheduled date of completion | : | Nov'19                                                         |
| 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 (%)               | : | site leveling Completed & Control room work in progress |
| Equipment received (%)       | : |                                                         |
| Equipment erected (%)        | : |                                                         |
| Scheduled date of completion | : | Nov'19                                                  |
| Constraint if any            | : |                                                         |

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

|                              |   |                                                             |
|------------------------------|---|-------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                    |
| Civil work (%)               | : | 70% site leveling completed and Control room is in progress |
| Equipment received (%)       | : |                                                             |
| Equipment erected (%)        | : |                                                             |
| Scheduled date of completion | : | Nov'19                                                      |
| Constraint if any            | : |                                                             |

7. Augmentation of Udaipur sub-station

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Nov'19   |
| Constraint if any            | : |          |

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

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Nov'19   |
| Constraint if any            | : |          |

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

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Nov'19   |
| 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 (Contour survey completed) |
| Civil work (%)               | : |                                     |
| Equipment received (%)       | : |                                     |
| Equipment erected (%)        | : |                                     |
| Scheduled date of completion | : | Nov'19                              |
| Constraint if any            | : |                                     |

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

|                              |   |                                                      |
|------------------------------|---|------------------------------------------------------|
| Land acquisition             | : | Acquired                                             |
| Civil work(%)                | : | Site leveling completed and control room in progress |
| Equipment received (%)       | : |                                                      |
| Equipment erected (%)        | : |                                                      |
| Scheduled date of completion | : | Nov'19                                               |
| Constraint if any            | : |                                                      |

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

|                              |   |                                         |
|------------------------------|---|-----------------------------------------|
| Land acquisition             | : | Acquired (Soil investigation completed) |
| Civil work (%)               | : |                                         |
| Equipment received (%)       | : |                                         |
| Equipment erected (%)        | : |                                         |
| Scheduled date of completion | : | Nov'19                                  |
| 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 (Soil investigation is in progress). |
| Civil work (%)               | : |                                               |
| Equipment received (%)       | : |                                               |
| Equipment erected (%)        | : |                                               |
| Scheduled date of completion | : | Nov'19                                        |
| 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 (Soil investigation is in progress). |
| Civil work (%)               | : |                                               |
| Equipment received (%)       | : |                                               |
| Equipment erected (%)        | : |                                               |
| Scheduled date of completion | : | Nov'19                                        |
| 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 (Soil investigation is in progress). |
| Civil work (%)               | : |                                               |
| Equipment received (%)       | : |                                               |
| Equipment erected (%)        | : |                                               |
| Scheduled date of completion | : | Nov'19                                        |
| Constraint if any            | : |                                               |

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

|                        |   |                                               |
|------------------------|---|-----------------------------------------------|
| Land acquisition       | : | Acquired (Soil investigation is in progress). |
| Civil work (%)         | : |                                               |
| Equipment received (%) | : |                                               |
| Equipment erected (%)  | : |                                               |

Scheduled date of completion : Nov'19  
 Constraint if any :

### **Tripura –Tower Packages:** All package awarded to M/s EMC ON 12<sup>th</sup> June'17

#### **1. 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

#### **2. TRP-TW-02:**

- 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

#### **3. 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

### **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 (Contour done )  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion : Nov'19  
 Constraint if any :

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

Land acquisition : Acquired (Contour done )  
 Civil work (%) :  
 Equipment received (%) :  
 Equipment erected (%) :  
 Scheduled date of completion : Nov'19  
 Constraint if any :

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

Land acquisition : Acquired (Contour done )  
 Civil work (%) :  
 Equipment received (%) :

|                                           |   |                          |
|-------------------------------------------|---|--------------------------|
| Equipment erected (%)                     | : |                          |
| Scheduled date of completion              | : | Nov'19                   |
| Constraint if any                         | : |                          |
| 4. 33/11 kV New S/s at BC Manu            |   |                          |
| Land acquisition                          | : | Acquired (Contour done ) |
| Civil work (%)                            | : |                          |
| Equipment received (%)                    | : |                          |
| Equipment erected (%)                     | : |                          |
| Scheduled date of completion              | : | Nov'19                   |
| Constraint if any                         | : |                          |
| 5. 33/11 kV New S/s at Rangamati (Bampur) |   |                          |
| Land acquisition                          | : | Acquired (Contour done ) |
| Civil work (%)                            | : |                          |
| Equipment received (%)                    | : |                          |
| Equipment erected (%)                     | : |                          |
| Scheduled date of completion              | : | Nov'19                   |
| Constraint if any                         | : |                          |
| 6. 33/11 kV New S/s at Matabari           |   |                          |
| Land acquisition                          | : | Acquired (Contour done ) |
| Civil work (%)                            | : |                          |
| Equipment received (%)                    | : |                          |
| Equipment erected (%)                     | : |                          |
| Scheduled date of completion              | : | Nov'19                   |
| Constraint if any                         | : |                          |
| 7. 33/11 kV New S/s at Garjee             |   |                          |
| Land acquisition                          | : | Acquired (Contour done ) |
| Civil work (%)                            | : |                          |
| Equipment received (%)                    | : |                          |
| Equipment erected (%)                     | : |                          |
| Scheduled date of completion              | : | Nov'19                   |
| Constraint if any                         | : |                          |
| 8. 33 kV S/s extension at Joliabari       |   |                          |
| Land acquisition                          | : | Not Acquired             |
| Civil work (%)                            | : |                          |
| Equipment received (%)                    | : |                          |
| Equipment erected (%)                     | : |                          |
| Scheduled date of completion              | : | Nov'19                   |
| Constraint if any                         | : |                          |
| 9. 33 kV S/s extension at Rani            |   |                          |
| Land acquisition                          | : | Not Acquired             |
| Civil work (%)                            | : |                          |
| Equipment received (%)                    | : |                          |
| Equipment erected (%)                     | : |                          |
| Scheduled date of completion              | : | Nov'19                   |
| Constraint if any                         | : |                          |
| 10. 33kV Jatanbari (Cap. Aug.)            |   |                          |

|                                                        |   |              |
|--------------------------------------------------------|---|--------------|
| Land acquisition                                       | : | Not Acquired |
| Civil work (%)                                         | : |              |
| Equipment received (%)                                 | : |              |
| Equipment erected (%)                                  | : |              |
| Scheduled date of completion                           | : | Nov'19       |
| Constraint if any                                      | : |              |
| 11. 33 kV S/s extension at 132/33kV Udaipur (existing) |   |              |
| Land acquisition                                       | : | Not Acquired |
| Civil work (%)                                         | : |              |
| Equipment received (%)                                 | : |              |
| Equipment erected (%)                                  | : |              |
| Scheduled date of completion                           | : | Nov'19       |
| Constraint if any                                      | : |              |
| 12. 33 kV S/s extension at Belonia                     |   |              |
| Land acquisition                                       | : | Not Acquired |
| Civil work (%)                                         | : |              |
| Equipment received (%)                                 | : |              |
| Equipment erected (%)                                  | : |              |
| Scheduled date of completion                           | : | Nov'19       |
| Constraint if any                                      | : |              |

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

|                                    |   |                                     |
|------------------------------------|---|-------------------------------------|
| 13. 33/11 kV New S/s at Radhanagar |   |                                     |
| Land acquisition                   | : | Acquired                            |
| Civil work (%)                     | : |                                     |
| Equipment received (%)             | : |                                     |
| Equipment erected (%)              | : |                                     |
| Scheduled date of completion       | : | Nov'19                              |
| Constraint if any                  | : |                                     |
| 14. 33/11 kV New S/s at Manughat   |   |                                     |
| Land acquisition                   | : | Acquired (Contour survey completed) |
| Civil work (%)                     | : |                                     |
| Equipment received (%)             | : |                                     |
| Equipment erected (%)              | : |                                     |
| Scheduled date of completion       | : | Nov'19                              |
| Constraint if any                  | : |                                     |
| 15. 33/11 kV New S/s at Srinagar   |   |                                     |
| Land acquisition                   | : | Acquired (Contour survey completed) |
| Civil work (%)                     | : |                                     |
| Equipment received (%)             | : |                                     |
| Equipment erected (%)              | : |                                     |
| Scheduled date of completion       | : | Nov'19                              |
| Constraint if any                  | : |                                     |
| 16. 33/11 kV New S/s at Gabardi    |   |                                     |

|                                      |   |                                                            |
|--------------------------------------|---|------------------------------------------------------------|
| Land acquisition                     | : | Acquired (Contour survey completed)                        |
| Civil work (%)                       | : |                                                            |
| Equipment received (%)               | : |                                                            |
| Equipment erected (%)                | : |                                                            |
| Scheduled date of completion         | : | Nov'19                                                     |
| Constraint if any                    | : |                                                            |
| 17. 33/11 kV New S/s at Rupaichari   |   |                                                            |
| Land acquisition                     | : | Acquired                                                   |
| Civil work (%)                       | : | (Contour survey and Soil investigation completed)          |
| Equipment received (%)               | : |                                                            |
| Equipment erected (%)                | : |                                                            |
| Scheduled date of completion         | : | Nov'19                                                     |
| Constraint if any                    | : |                                                            |
| 18. 33/11 kV New S/s at Ekinpur      |   |                                                            |
| Land acquisition                     | : | Acquired (Contour survey and Soil investigation completed) |
| Civil work (%)                       | : | (Contour survey completed)                                 |
| Equipment received (%)               | : |                                                            |
| Equipment erected (%)                | : |                                                            |
| Scheduled date of completion         | : | Nov'19                                                     |
| Constraint if any                    | : |                                                            |
| 19. 33/11 kV New S/s at Ratanpur     |   |                                                            |
| Land acquisition                     | : | Acquired                                                   |
| Civil work (%)                       | : |                                                            |
| Equipment received (%)               | : |                                                            |
| Equipment erected (%)                | : |                                                            |
| Scheduled date of completion         | : | Nov'19                                                     |
| Constraint if any                    | : |                                                            |
| 20. 33/11 kV New S/s at Barpathari   |   |                                                            |
| Land acquisition                     | : | Acquired Contour survey and Soil investigation completed)  |
| Civil work (%)                       | : | (Contour survey completed)                                 |
| Equipment received (%)               | : |                                                            |
| Equipment erected (%)                | : |                                                            |
| Scheduled date of completion         | : | Nov'19                                                     |
| Constraint if any                    | : |                                                            |
| 21. 33 kV S/s extension at Rajnagar  |   |                                                            |
| Land acquisition                     | : | Acquired                                                   |
| Civil work (%)                       | : |                                                            |
| Equipment received (%)               | : |                                                            |
| Equipment erected (%)                | : |                                                            |
| Scheduled date of completion         | : | Nov'19                                                     |
| Constraint if any                    | : |                                                            |
| 22. 33 kV S/s extension at Jolaibari |   |                                                            |

|                                     |   |          |
|-------------------------------------|---|----------|
| Land acquisition                    | : | Acquired |
| Civil work (%)                      | : |          |
| Equipment received (%)              | : |          |
| Equipment erected (%)               | : |          |
| Scheduled date of completion        | : | Nov'19   |
| Constraint if any                   | : |          |
| 23.33 kV S/s extension at Silachari |   |          |
| Land acquisition                    | : | Acquired |
| Civil work (%)                      | : |          |
| Equipment received (%)              | : |          |
| Equipment erected (%)               | : |          |
| Scheduled date of completion        | : | Nov'19   |
| Constraint if any                   | : |          |

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

|                                   |   |                                     |
|-----------------------------------|---|-------------------------------------|
| 24.33/11 kV New S/s at Jampuijala |   |                                     |
| Land acquisition                  | : | Acquired (Contour survey completed) |
| Civil work (%)                    | : |                                     |
| Equipment received (%)            | : |                                     |
| Equipment erected (%)             | : |                                     |
| Scheduled date of completion      | : | Nov'19                              |
| Constraint if any                 | : |                                     |
| 25.33/11 kV New S/s at Sekerkote  |   |                                     |
| Land acquisition                  | : | Acquired (Contour survey completed) |
| Civil work (%)                    | : |                                     |
| Equipment received (%)            | : |                                     |
| Equipment erected (%)             | : |                                     |
| Scheduled date of completion      | : | Nov'19                              |
| Constraint if any                 | : |                                     |
| 26.33/11 kV New S/s at Golaghati  |   |                                     |
| Land acquisition                  | : | Acquired (Contour survey completed) |
| Civil work (%)                    | : |                                     |
| Equipment received (%)            | : |                                     |
| Equipment erected (%)             | : |                                     |
| Scheduled date of completion      | : | Nov'19                              |
| Constraint if any                 | : |                                     |
| 27.33/11 kV New S/s at Durganagar |   |                                     |
| Land acquisition                  | : | Acquired                            |
| Civil work (%)                    | : |                                     |
| Equipment received (%)            | : |                                     |
| Equipment erected (%)             | : |                                     |
| Scheduled date of completion      | : | Nov'19                              |
| Constraint if any                 | : |                                     |
| 28.33/11 kV New S/s at Nidaya     |   |                                     |
| Land acquisition                  | : | Acquired (Contour survey completed) |

|                                                |   |                                     |
|------------------------------------------------|---|-------------------------------------|
| Civil work (%)                                 | : |                                     |
| Equipment received (%)                         | : |                                     |
| Equipment erected (%)                          | : |                                     |
| Scheduled date of completion                   | : | Nov'19                              |
| Constraint if any                              | : |                                     |
| :                                              | : |                                     |
| 29. 33/11 kV New S/s at Nalchar                |   |                                     |
| Land acquisition                               | : | Acquired (Contour survey completed) |
| Civil work (%)                                 | : |                                     |
| Equipment received (%)                         | : |                                     |
| Equipment erected (%)                          | : |                                     |
| Scheduled date of completion                   | : | Nov'19                              |
| Constraint if any                              | : |                                     |
| 30. 33kV S/s Takarjala - Capacity Augmentation |   |                                     |
| Land acquisition                               | : | Acquired                            |
| Civil work (%)                                 | : |                                     |
| Equipment received (%)                         | : |                                     |
| Equipment erected (%)                          | : |                                     |
| Scheduled date of completion                   | : | Nov'19                              |
| Constraint if any                              | : |                                     |
| 31. 33kV S/s Madhupur - Capacity Augmentation  |   |                                     |
| Land acquisition                               | : | Acquired                            |
| Civil work (%)                                 | : |                                     |
| Equipment received (%)                         | : |                                     |
| Equipment erected (%)                          | : |                                     |
| Scheduled date of completion                   | : | Nov'19                              |
| Constraint if any                              | : |                                     |
| 32. 33kV S/s Melaghar - Capacity Augmentation  |   |                                     |
| Land acquisition                               | : | Acquired                            |
| Civil work (%)                                 | : |                                     |
| Equipment received (%)                         | : |                                     |
| Equipment erected (%)                          | : |                                     |
| Scheduled date of completion                   | : | Nov'19                              |
| Constraint if any                              | : |                                     |
| 33. 33 kV S/s Kathalia - Capacity Augmentation |   |                                     |
| Land acquisition                               | : | Acquired                            |
| Civil work (%)                                 | : |                                     |
| Equipment received (%)                         | : |                                     |
| Equipment erected (%)                          | : |                                     |
| Scheduled date of completion                   | : | Nov'19                              |
| Constraint if any                              | : |                                     |
| 34. 33 kV S/s extension at New Bishramganj     |   |                                     |
| Land acquisition                               | : | Acquired                            |
| Civil work (%)                                 | : |                                     |
| Equipment received (%)                         | : |                                     |
| Equipment erected (%)                          | : |                                     |
| Scheduled date of completion                   | : | Nov'19                              |

Constraint if any :

**TRP-DMS-04:** Awarded to Technofab on 20<sup>th</sup> Jan'17

|                                       |   |                                                   |
|---------------------------------------|---|---------------------------------------------------|
| 35. 33/11 kV New S/s at Khowai        |   |                                                   |
| Land acquisition                      | : | Acquired                                          |
| Civil work (%)                        | : |                                                   |
| Equipment received (%)                | : |                                                   |
| Equipment erected (%)                 | : |                                                   |
| Scheduled date of completion          | : | Nov'19                                            |
| Constraint if any                     | : |                                                   |
| 36. 33/11 kV New S/s at Simna         |   |                                                   |
| Land acquisition                      | : | Acquired                                          |
| Civil work (%)                        | : | (Contour survey completed)                        |
| Equipment received (%)                | : |                                                   |
| Equipment erected (%)                 | : |                                                   |
| Scheduled date of completion          | : | Nov'19                                            |
| Constraint if any                     | : |                                                   |
| 37. 33/11 kV New S/s at Barkathal     |   |                                                   |
| Land acquisition                      | : | Acquired                                          |
| Civil work (%)                        | : | (Contour survey and Soil investigation completed) |
| Equipment received (%)                | : |                                                   |
| Equipment erected (%)                 | : |                                                   |
| Scheduled date of completion          | : | Nov'19                                            |
| Constraint if any                     | : |                                                   |
| 38. 33/11 kV New S/s at Bamutia       |   |                                                   |
| Land acquisition                      | : | Acquired                                          |
| Civil work (%)                        | : | (Contour survey and Soil investigation completed) |
| Equipment received (%)                | : |                                                   |
| Equipment erected (%)                 | : |                                                   |
| Scheduled date of completion          | : | Nov'19                                            |
| Constraint if any                     | : |                                                   |
| 39. 33/11 kV New S/s at Lembucherra   |   |                                                   |
| Land acquisition                      | : | Acquired                                          |
| Civil work (%)                        | : | (Contour survey completed)                        |
| Equipment received (%)                | : |                                                   |
| Equipment erected (%)                 | : |                                                   |
| Scheduled date of completion          | : | Nov'19                                            |
| Constraint if any                     | : |                                                   |
| 40. 33/11 kV New S/s at Champak Nagar |   |                                                   |
| Land acquisition                      | : | Acquired                                          |

|                                                     |                                        |                                        |
|-----------------------------------------------------|----------------------------------------|----------------------------------------|
| Civil work (%) completed)                           | :                                      | (Contour survey and Soil investigation |
| Equipment received (%) :                            |                                        |                                        |
| Equipment erected (%) :                             |                                        |                                        |
| Scheduled date of completion :                      | Nov'19                                 |                                        |
| Constraint if any :                                 |                                        |                                        |
| 41. 33/11 kV New S/s at Ranirbazar                  |                                        |                                        |
| Land acquisition :                                  | Acquired                               |                                        |
| Civil work (%) :                                    | (Contour survey completed)             |                                        |
| Equipment received (%) :                            |                                        |                                        |
| Equipment erected (%) :                             |                                        |                                        |
| Scheduled date of completion :                      | Nov'19                                 |                                        |
| Constraint if any :                                 |                                        |                                        |
| 42. 33/11 kV New S/s at ADC Head Qtr                |                                        |                                        |
| Land acquisition :                                  | Acquired                               |                                        |
| Civil work (%) :                                    | (Contour survey and Soil investigation |                                        |
| completed)                                          |                                        |                                        |
| Equipment received (%) :                            |                                        |                                        |
| Equipment erected (%) :                             |                                        |                                        |
| Scheduled date of completion :                      | Nov'19                                 |                                        |
| 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 :                      | Nov'19                                 |                                        |
| Constraint if any :                                 |                                        |                                        |
| 44. 33 kV S/s extension at 33/11 kV S/s Durjoynagar |                                        |                                        |
| Land acquisition :                                  | Acquired                               |                                        |
| Civil work (%) :                                    |                                        |                                        |
| Equipment received (%) :                            |                                        |                                        |
| Equipment erected (%) :                             |                                        |                                        |
| Scheduled date of completion :                      | Nov'19                                 |                                        |
| Constraint if any :                                 |                                        |                                        |
| 45. 33 kV S/s extension at Jirania                  |                                        |                                        |
| Land acquisition :                                  | Acquired                               |                                        |
| Civil work (%) :                                    |                                        |                                        |
| Equipment received (%) :                            |                                        |                                        |
| Equipment erected (%) :                             |                                        |                                        |
| Scheduled date of completion :                      | Nov'19                                 |                                        |
| Constraint if any :                                 |                                        |                                        |
| 46. 33 kV S/s extension at Hezamara                 |                                        |                                        |
| Land acquisition :                                  | Acquired                               |                                        |
| Civil work (%) :                                    |                                        |                                        |
| Equipment received (%) :                            |                                        |                                        |
| Equipment erected (%) :                             |                                        |                                        |

|                                   |   |          |
|-----------------------------------|---|----------|
| Scheduled date of completion      | : | Nov'19   |
| Constraint if any                 | : |          |
| 47. 33 kV S/s extension at Ampura |   |          |
| Land acquisition                  | : | Acquired |
| Civil work (%)                    | : |          |
| Equipment received (%)            | : |          |
| Equipment erected (%)             | : |          |
| Scheduled date of completion      | : | Nov'19   |
| Constraint if any                 | : |          |

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

|                                       |   |                                |
|---------------------------------------|---|--------------------------------|
| 48. 33/11 kV New S/s at Jawahar Nagar |   |                                |
| Land acquisition                      | : | Acquired                       |
| Civil work (%)                        | : |                                |
| Equipment received (%)                | : |                                |
| Equipment erected (%)                 | : |                                |
| Scheduled date of completion          | : | Nov'19                         |
| Constraint if any                     | : |                                |
| 49. 33/11 kV New S/s at Chailengta    |   |                                |
| Land acquisition                      | : | Acquired (Contour survey done) |
| Civil work (%)                        | : |                                |
| Equipment received (%)                | : |                                |
| Equipment erected (%)                 | : |                                |
| Scheduled date of completion          | : | Nov'19                         |
| Constraint if any                     | : |                                |
| 50. 33/11 kV New S/s at Dhumachhera   |   |                                |
| Land acquisition                      | : | Acquired                       |
| Civil work (%)                        | : |                                |
| Equipment received (%)                | : |                                |
| Equipment erected (%)                 | : |                                |
| Scheduled date of completion          | : | Nov'19                         |
| Constraint if any                     | : |                                |
| 51. 33/11 kV New S/s at 82 mile       |   |                                |
| Land acquisition                      | : | Acquired (Contour survey done) |
| Civil work (%)                        | : |                                |
| Equipment received (%)                | : |                                |
| Equipment erected (%)                 | : |                                |
| Scheduled date of completion          | : | Nov'19                         |
| Constraint if any                     | : |                                |
| 52. 33/11 kV New S/s at Tilla Bazar   |   |                                |
| Land acquisition                      | : | Acquired                       |
| Civil work (%)                        | : |                                |
| Equipment received (%)                | : |                                |
| Equipment erected (%)                 | : |                                |
| Scheduled date of completion          | : | Nov'19                         |
| Constraint if any                     | : |                                |

53. 33/11 kV New S/s at Durga Chowmohani

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

54. 33 kV S/s extension at Jangalia - Capacity Augmentation

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not Acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | Nov'19       |
| Constraint if any            | : |              |

55. 33 kV S/s extension at 132/33 kV S/s P K Bari

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not Acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | Nov'19       |
| Constraint if any            | : |              |

56. 33 kV S/s extension at Kalaisahar

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not Acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | Nov'19       |
| Constraint if any            | : |              |

57. 33 kV S/s extension at Gandacherra

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not Acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | Nov'19       |
| Constraint if any            | : |              |

58. 33 kV S/s extension at Chawmanu

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not Acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | Nov'19       |
| Constraint if any            | : |              |

59.33 kV S/s extension at Rangrung

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not Acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | Nov'19       |
| Constraint if any            | : |              |

**Status for DMS Packages under NERPSIP:**

| State        | Total no of packages | Total sanctioned cost (Rs. In Crs.) | No. of Packages awarded        | Cost of awarded packages (Rs. In Crs.) |
|--------------|----------------------|-------------------------------------|--------------------------------|----------------------------------------|
| Assam        | 4                    | 383.9                               | 4                              | 337.5                                  |
| Manipur      | 4                    | 207.8                               | 4                              | 170.9 Cr.                              |
| Meghalaya    | 3                    | 170.79                              | 3                              | 117.78 Cr.                             |
| Mizoram      | 1                    | 12.63                               | Included in substation package |                                        |
| Nagaland     | 4                    | 140.                                | 2                              | 42.42 Cr                               |
| Tripura      | 5                    | 662.26                              | 5                              | 474.85 Cr.                             |
| <b>Total</b> | <b>20</b>            | <b>1578.7</b>                       | <b>18</b>                      |                                        |

**Financial Status**

**NERPSIP:**

| Sl. No. | Particulars                         | Amount (in crs) |
|---------|-------------------------------------|-----------------|
| 1.      | Total Estimated cost of the Project | Rs. 5111.33     |
| 2.      | Amount received till 30/06/2017     | Rs. 496.4       |
| 3.      | Amount spent till 30/06/2017        | Rs. 351.6       |
| 4.      | Balance Amount available            | Rs. 144.8       |

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

### **Background:**

Presently, only 5 out of 20 districts of Arunachal Pradesh are connected to transmission network at 132/220 KV. The 33 KV system is the backbone of power distribution system in the State. Due to low population density spread over its geographical area of 84,000 sq.km, power demand in Arunachal Pradesh is scattered over large distances. Hence, it is necessary to provide 132 KV connectivity in the state for proper voltage management and lower distribution losses. Similarly, the distribution system in Sikkim mainly relies on 66 KV network, which needs to be strengthened substantially.

In view of this, it is proposed to take up projects for strengthening intra-state T&D systems of the two States through 31 new 132 KV sub-stations, 14 substations of 66/11 KV, 2035 km of transmission lines (132 & 220 KV) and 2204 km of transmission lines (33 & 66 KV). The project would be implemented through PGCIL

### **General Details:**

|                          |                                                                                                                                                                                |
|--------------------------|--------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of Govt. approval   | : Sep, 2014                                                                                                                                                                    |
| Implementing Agency      | : PGCIL,                                                                                                                                                                       |
| Estimated Cost (Rs. crs) | : 4754.42 Cr.                                                                                                                                                                  |
| Funding                  | :                                                                                                                                                                              |
| Phasing of expenditure   | : Year 2014-15 - 233.68Cr.<br>Year 2015-16 - 928.61Cr.<br>Year 2016-17 - 1085.63Cr.<br>Year 2017-18 - 1641.64Cr.<br>Year 2018-19 - <u>864.86Cr.</u><br>Total <b>4754.42Cr.</b> |
| Completion schedule      | : Dec, 2018 (48 months)                                                                                                                                                        |

### **Summary**

| State                    | Packages                                                                    |                                    |                                                            | Total |
|--------------------------|-----------------------------------------------------------------------------|------------------------------------|------------------------------------------------------------|-------|
|                          | Transmission Lines                                                          | Substations                        | Distribution Systems                                       |       |
| <b>Sikkim</b>            | 3 (TW-01, TW-02 & TW-04)                                                    | 8 (SS-01, SS-03 to SS-09)          |                                                            | 11    |
| <b>Arunachal Pradesh</b> | 24 (TW-01 to TW-03, TW-05 to TW-06, TW-08 to TW-22 & TW-24, OPGW/Telecom-3) | 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) | 38    |

## **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: (including pile)**

- 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 D/C Ziro (PG) – Ziro (New)
- iii. 132kV S/C on D/C Tower Daporijo – Nacho
- iv. LILO of 132kV S/C Daporijo – Along at Basar
- v. 132kV S/C Palin – Koloriang (S/C on D/C Tower)

**12. TW-14:**

- i. 132kV S/C on D/C Tower Along- Kambang
- ii. 132kV S/C on D/C Tower Kambang- Mechuka

**13. TW-15:**

- i. 132kV S/C Deomali- Khonsa

**14. TW-16:**

- i. 132kV S/C Khonsa – Changlang

**15. TW-17:**

- i. 132kV S/C on D/C Tower Khonsa – Longding

**16. TW-18:**

- i. 132kV S/C Changlang – Jairampur

**17. TW-19:**

- i. 132kV S/C Jairampur – Maio

**18. TW-20: (including pile)**

- i. 132kV S/C on D/C Tower Miao – Namsai

**19. TW-21: (including pile)**

- 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

**20. TW-22:**

- i. 132kV S/C on D/C Tower Along – Yingkiong
- ii. 132kV S/C on D/C Tower Yingkiong- Tuting

**21. TW-24**

- 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
- 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
- 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

**22. TW-24**

- i. OPGW supply

**23. TW-25**

- i. OPGW Erection

**24. TW-26:**

- i. Telecom Equipment

**25. ARP-SS01A: (M/s Neccon)**

- 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

**26. 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

**27. ARP-SS02: (M/s Shayama)**

- 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

**28. ARP-SS03: (M/s KEC)**

- 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.)

**29. ARP-SS04: (M/s KEI)**

- 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

**30. ARP-SS05:**

- i. 132/33 kV Halaipani (New) Substation
- ii. 132/33kV Dambuk (New) Substation
- iii. 132/33 kV Palin (New) Substation
- iv. 132/33kV Koloriang (New) Substation
- v. 132/33kV Yingkiong (New) Substation
- vi. 132/33kV Kambang (New) Substation
- vii. 132kV Tezu (PG) Extn. Substation
- viii. 132kV Roing (PG) Extn. Substation
- ix. 132kV Daporijo Extn. Substation
- x. 132 kV Along Ext Substation

**30. ARP-DMS -01A (Tata):**

- 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)

**31. ARP-DMS -01B (Tata):**

- 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

**32. ARP-DMS -02: (Technofab)**

- 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)

**33. ARP-DMS -03: (TATA)**

- 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

#### **34. ARP-DMS -04: (Technofab)**

- i. 11 nos. 33/11 kV New S/s at Changlang, Khonsa, Kanubari, Kharsang, Khimiyong, Longding, Manmao, Diyun, Choukham, Deomali, Namsai
- ii. 33 kV 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)

#### **35. 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)

#### **36. 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)

#### **37. 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 : (KEC)**

- 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 : (L&T)**

- i. 132 kV D/C Dikchu-Parbing 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 Parbing – sichey TL
- xi. 66 kV S/C Parbing - Tadong TL
- xii. 66 kV D/C Parbing – Pangthang TL220 kV D/C Rangpo(Samardong)- Dikchu Pool

### **3. SIKKIM TK-04 : (KEC)**

- 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 TK-05 :**

- i. 66 kV S/C Pelling-Rellichu TL (25km)
- ii. 66/11kV Pelling S/s Extn
- iii. 66/11kV Rellichu (New) S/s

### **5. SIKKIM SS – 01 : (EMC)**

- 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

**6. Substation Package SIK-SS03 : (Angelique)**

- 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.

**7. SIKKIM SS – 04 : (KEC)**

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

**8. Substation Package SIK-SS05 :**

- i. 220 kV New Melli (PG) GIS S/S (Extn.)
- ii. 66/11 kV old Namchi S/S Extn.

**9. SIKKIM-SS06: (S&W)**

- 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.)

**10. Substation Package SIK-SS07:**

- i. 66/11kV Sombaria (New) s/s
- ii. 66/11kV Rohthak S/S
- iii. LILO of 66kV S/C Rothak – Sombaria TL (2 kMs.)

**11. SIKKIM-SS08: (Angelique)**

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

**12. Substation Package SIK-SS09: (S&W)**

- i. 132/66kV Namchi (New) S/S.
- ii. 66/11kV New Namchi s/s Extn. Including 66kV Underground 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: 11

No. of packages awarded : 9

| Sl. No | Packages                                | Description        | Remarks                                                                                                   |
|--------|-----------------------------------------|--------------------|-----------------------------------------------------------------------------------------------------------|
| 1.     | 3 (TW-01, TW-02, TW-04 )                | Transmission Lines | 3 packages : awarded                                                                                      |
| 2.     | 8 (SS-01, SS-03, SS-04, SS-06 to SS-09) | Sub-stations       | 6 packages : awarded<br>1 package : NIT issued<br>1 package : To be executed through materials diversion. |

## **Transmission line:**

### **SIK-TK-01: Awarded to M/s KEC on 16<sup>th</sup> Mar'16**

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

Route alignment completed. 40 towers & 33 stubs supplied.

Line Length(kms) : 35  
 Tower Location(nos) : 132  
 Foundation completed(nos) : 5  
 Tower Erected(nos) :  
 Stringing completed(kms):  
 Scheduled date of completion : Sept'18  
 Constraint if any:

2. 220 kV D/C Legship pool – New Melli line twin moose conductor

Route alignment & Detail Survey Completed

Line Length(kms) : 10.23  
 Tower Location(nos) : 35  
 Foundation completed(nos) : 35 (However, foundation at Loc.no. 15 damaged on 7<sup>th</sup> July'17 due to land slide,restotaion work under progress)  
 Tower Erected(nos) : 34  
 Stringing completed(kms) : 8.83  
 Scheduled date of completion : Aug'17  
 Constraint if any : Rain affected restoration rowks

3. 220 kV D/C line Rangpo(PG) – Samardong (to be operated initially at 132kV)

Route alignment not approve due non-finalization of Samardong land.

Line Length(kms) : 06 (Detail survey completed)

Tower Location(nos) : 34

Foundation completed(nos) :

Tower Erected(nos) :

Stringing completed(kms) :

Scheduled date of completion : Sept'18

Constraint if any:

**SIK-TK-02: Awarded to M/s L&T on 16<sup>th</sup> Mar'16**

4. Dikchu – Parbing line 132kV D/C line

Line Length(kms) : 22 (Route alignment completed)

Tower Location(nos) : 96

Foundation completed(nos) :

Tower Erected(nos) :

Stringing completed(kms) :

Scheduled date of completion : Mar'19

Constraint if any:

5. 66 kV S/C Khamdong-Temi Transmission Line

Line Length(kms) : 12 (Route alignment completed)

Tower Location(nos) : 69

Foundation completed(nos) :

Tower Erected(nos) :

Stringing completed(kms) :

Scheduled date of completion : Mar'19

Constraint if any:

6. 66 kV D/C Dikchu pool-Makha Transmission Line

Route alignment approved.

Line Length(kms) : 20

Tower Location(nos) : 114

Foundation completed(nos) :

Tower Erected(nos) :

Stringing completed(kms) :

Scheduled date of completion : Mar'19

Constraint if any:

7. 66 kV S/C Khamdong-Makha Transmission Line

Line Length(kms) : 15 (Route alignment completed)

|                              |   |        |
|------------------------------|---|--------|
| Tower Location(nos)          | : | 86     |
| Foundation completed(nos)    | : |        |
| Tower Erected(nos)           | : |        |
| Stringing completed(kms)     | : |        |
| Scheduled date of completion | : | Mar'19 |
| Constraint if any:           |   |        |

**8. 66 kV S/C Samardong-Namthong Transmission Line**

|                              |   |                                |
|------------------------------|---|--------------------------------|
| Line Length(kms)             | : | 15 (Route alignment completed) |
| Tower Location(nos)          | : | 86                             |
| Foundation completed(nos)    | : |                                |
| Tower Erected(nos)           | : |                                |
| Stringing completed(kms)     | : |                                |
| Scheduled date of completion | : | Mar'19                         |
| Constraint if any:           |   |                                |

**9. 66 kV S/C Samardong-Mamring Transmission Line**

|                              |   |                               |
|------------------------------|---|-------------------------------|
| Line Length(kms)             | : | 8 (Route alignment completed) |
| Tower Location(nos)          | : | 45                            |
| Foundation completed(nos)    | : |                               |
| Tower Erected(nos)           | : |                               |
| Stringing completed(kms)     | : |                               |
| Scheduled date of completion | : | Mar'19                        |
| Constraint if any:           |   |                               |

**10. 66 kV D/C Samardong-Kumrek Transmission Line**

|                              |   |                              |
|------------------------------|---|------------------------------|
| Line Length(kms)             | : | 18 (Detail survey completed) |
| Tower Location(nos)          | : | 103                          |
| Foundation completed(nos)    | : |                              |
| Tower Erected(nos)           | : |                              |
| Stringing completed(kms)     | : |                              |
| Scheduled date of completion | : | Mar'19                       |
| Constraint if any:           |   |                              |

**11. 66 kV D/C Kumrek-Rorathang Transmission Line**

|                              |   |                              |
|------------------------------|---|------------------------------|
| Line Length(kms)             | : | 18 (Detail survey completed) |
| Tower Location(nos)          | : | 103                          |
| Foundation completed(nos)    | : | 01                           |
| Tower Erected(nos)           | : |                              |
| Stringing completed(kms)     | : |                              |
| Scheduled date of completion | : | Mar'19                       |
| Constraint if any:           |   |                              |

12. 66 kV D/C Rorathang - LiLo point on Pakyong - Rongli Line

|                              |   |                             |
|------------------------------|---|-----------------------------|
| Line Length(kms)             | : | 5 (Detail survey completed) |
| Tower Location(nos)          | : | 29                          |
| Foundation completed(nos)    | : | 02                          |
| Tower Erected(nos)           | : |                             |
| Stringing completed(kms)     | : |                             |
| Scheduled date of completion | : | Mar'19                      |
| Constraint if any:           |   |                             |

13. 66 kV S/C Parbing – Sichey Transmission Line

|                              |   |                               |
|------------------------------|---|-------------------------------|
| Line Length(kms)             | : | 7 (Route alignment completed) |
| Tower Location(nos)          | : | 40                            |
| Foundation completed(nos)    | : |                               |
| Tower Erected(nos)           | : |                               |
| Stringing completed(kms)     | : |                               |
| Scheduled date of completion | : | Mar'19                        |
| Constraint if any:           |   |                               |

14. 66 kV S/C Parbing - Tadong Transmission Line

|                              |   |                                |
|------------------------------|---|--------------------------------|
| Line Length(kms)             | : | 12 (Route alignment completed) |
| Tower Location(nos)          | : | 67                             |
| Foundation completed(nos)    | : |                                |
| Tower Erected(nos)           | : |                                |
| Stringing completed(kms)     | : |                                |
| Scheduled date of completion | : | Mar'19                         |
| Constraint if any:           |   |                                |

15. 66 kV D/C Parbing – Pangthang Transmission Line

|                              |   |                                |
|------------------------------|---|--------------------------------|
| Line Length(kms)             | : | 15 (Route alignment completed) |
| Tower Location(nos)          | : | 86                             |
| Foundation completed(nos)    | : |                                |
| Tower Erected(nos)           | : |                                |
| Stringing completed(kms)     | : |                                |
| Scheduled date of completion | : | Mar'19                         |
| Constraint if any:           |   |                                |

**SIK-TK-04: Awarded to M/s KEC on 29<sup>th</sup> June'16**

16. Singhik – Chungthang twin moose conductor (to be operated initially at 132kV) 220 kV D/C line

Route alignment could not be done due to non-finalization of sub-station land

Line Length(kms) : 20  
 Tower Location(nos) : 83  
 Foundation completed(nos) :  
 Tower Erected(nos) :  
 Stringing completed(kms) :  
 Scheduled date of completion : April'19  
 Constraint if any:

17. 220 kV D/C line Dikchu - Singhik twin moose conductor (to be operated initially at 132kV)

Line Length(kms) : 20 (Route alignment completed)  
 Tower Location(nos) : 76  
 Foundation completed(nos) :  
 Tower Erected(nos) :  
 Stringing completed(kms) :  
 Scheduled date of completion : Sept'18  
 Constraint if any:

18. 66 kV S/C Singhik- Passidong Transmission Line-

Route alignment could not be done due to non-finalization of sub-station land  
 Line Length(kms) : 20  
 Tower Location(nos) : 114  
 Foundation completed(nos) :  
 Tower Erected(nos) :  
 Stringing completed(kms) :  
 Scheduled date of completion : Mar'19  
 Constraint if any:

19. 66 kV S/C Singhik- Mangan Transmission Line- Route alignment could not be done due to non-finalization of sub-station land

Line Length(kms) : 10  
 Tower Location(nos) : 57  
 Foundation completed(nos) :  
 Tower Erected(nos) :  
 Stringing completed(kms) :  
 Scheduled date of completion : May'18  
 Constraint if any:

20. 66 kV D/C Chungthang- Lachen Transmission Line-

Route alignment could not be done due to non-finalization of sub-station land  
 Line Length(kms) : 22  
 Tower Location(nos) : 126  
 Foundation completed(nos) :  
 Tower Erected(nos) :  
 Stringing completed(kms) :  
 Scheduled date of completion : April'19  
 Constraint if any:

21. 66 kV D/C Chungthang- LILON point on Rabon- Malting line-  
Route alignment could not be done due to non-finalization of sub-station land
- |                              |   |         |
|------------------------------|---|---------|
| Line Length(kms)             | : | 4       |
| Tower Location(nos)          | : | 23      |
| Foundation completed(nos)    | : |         |
| Tower Erected(nos)           | : |         |
| Stringing completed(kms)     | : |         |
| Scheduled date of completion | : | Sept'17 |
| Constraint if any:           |   |         |

**SIK-SS-06: Awarded to M/s S& W on 17<sup>th</sup> Mar'17**

22. LILO of Rangit-Melli (Power Deptt. Sikkim) 132kV S/c at Legship Pool 132kV D/C line.

|                              |   |        |
|------------------------------|---|--------|
| Line Length(kms)             | : | 02     |
| Tower Location(nos)          | : |        |
| Foundation completed(nos)    | : |        |
| Tower Erected(nos)           | : |        |
| Stringing completed(kms)     | : |        |
| Scheduled date of completion | : | Mar'19 |
| Constraint if any:           |   |        |

23. LILO of Rangit-Melli (Power Deptt. Sikkim) 132kV S/c at Namchi 132kV D/C line

|                              |   |        |
|------------------------------|---|--------|
| Line Length(kms)             | : | 02     |
| Tower Location(nos)          | : |        |
| Foundation completed(nos)    | : |        |
| Tower Erected(nos)           | : |        |
| Stringing completed(kms)     | : |        |
| Scheduled date of completion | : | Mar'19 |
| Constraint if any:           |   |        |

24. Legship pool – Gayzing 132kV S/c line

|                              |   |        |
|------------------------------|---|--------|
| Line Length(kms)             | : | 02     |
| Tower Location(nos)          | : |        |
| Foundation completed(nos)    | : |        |
| Tower Erected(nos)           | : |        |
| Stringing completed(kms)     | : |        |
| Scheduled date of completion | : | Mar'19 |
| Constraint if any:           |   |        |

## **SIK-SS-09: Awarded to M/s S& W on 17<sup>th</sup> Mar'17**

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

|                              |   |    |
|------------------------------|---|----|
| Line Length(kms)             | : | 02 |
| Tower Location(nos)          | : |    |
| Foundation completed(nos)    | : |    |
| Tower Erected(nos)           | : |    |
| Stringing completed(kms)     | : |    |
| Scheduled date of completion | : |    |
| Constraint if any:           |   |    |

### **26. 66 kV S/C Namchi- Old Namchi TL**

|                              |   |    |
|------------------------------|---|----|
| Line Length(kms)             | : | 02 |
| Tower Location(nos)          | : |    |
| Foundation completed(nos)    | : |    |
| Tower Erected(nos)           | : |    |
| Stringing completed(kms)     | : |    |
| Scheduled date of completion | : |    |
| Constraint if any:           |   |    |

### **27.66 kV S/C Namchi- New Namchi TL**

|                              |   |    |
|------------------------------|---|----|
| Line Length(kms)             | : | 02 |
| Tower Location(nos)          | : |    |
| Foundation completed(nos)    | : |    |
| Tower Erected(nos)           | : |    |
| Stringing completed(kms)     | : |    |
| Scheduled date of completion | : |    |
| Constraint if any:           |   |    |

## **Sub-station**

### **SIK-SS-01: Awarded to M/s EMC Limited on 8<sup>th</sup> July'16**

#### **1. 220/132kV Legship Pool (New) s/s:**

|                              |   |                    |
|------------------------------|---|--------------------|
| Land acquisition             | : | Yet to be acquired |
| Civil work (%)               | : |                    |
| Equipment received (%)       | : |                    |
| Equipment erected (%)        | : |                    |
| Scheduled date of completion | : | May'19             |
| Constraint if any            | : |                    |

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

|                              |   |                    |
|------------------------------|---|--------------------|
| Land acquisition             | : | Yet to be acquired |
| Civil work (%)               | : |                    |
| Equipment received (%)       | : |                    |
| Equipment erected (%)        | : |                    |
| Scheduled date of completion | : | May'19             |
| Constraint if any            | : |                    |

3. 66/11kV Temi (New) s/s

|                              |   |                                                     |
|------------------------------|---|-----------------------------------------------------|
| Land acquisition             | : | Acquired (Contour and soil investigation Completed) |
| Civil work (%)               | : | Boundary wall started                               |
| Equipment received (%)       | : |                                                     |
| Equipment erected (%)        | : |                                                     |
| Scheduled date of completion | : | May'19                                              |
| Constraint if any            | : |                                                     |

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

|                              |   |                    |
|------------------------------|---|--------------------|
| Land acquisition             | : | Yet to be acquired |
| Civil work (%)               | : |                    |
| Equipment received (%)       | : |                    |
| Equipment erected (%)        | : |                    |
| Scheduled date of completion | : | May'19             |
| Constraint if any            | : |                    |

5. 66/11kV Kumrek (New) s/s

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | May'19   |
| Constraint if any            | : |          |

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

|                              |   |                    |
|------------------------------|---|--------------------|
| Land acquisition             | : | Yet to be acquired |
| Civil work (%)               | : |                    |
| Equipment received (%)       | : |                    |
| Equipment erected (%)        | : |                    |
| Scheduled date of completion | : | May'19             |
| Constraint if any            | : |                    |

7. 66/11kV Rorathang (New) s/s

|                              |   |                    |
|------------------------------|---|--------------------|
| Land acquisition             | : | Yet to be acquired |
| Civil work (%)               | : |                    |
| Equipment received (%)       | : |                    |
| Equipment erected (%)        | : |                    |
| Scheduled date of completion | : | May'19             |
| Constraint if any            | : |                    |

8. 66/11kV Makha (New) s/s

|                              |   |                                                     |
|------------------------------|---|-----------------------------------------------------|
| Land acquisition             | : | Acquired (Contour and soil investigation Completed) |
| Civil work (%)               | : |                                                     |
| Equipment received (%)       | : |                                                     |
| Equipment erected (%)        | : |                                                     |
| Scheduled date of completion | : | May'19                                              |
| Constraint if any            | : |                                                     |

9. 66/11kV Mamring s/s Extn:

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | May'19   |
| Constraint if any            | : |          |

**SIK-SS-03: Awarded to M/s ANGELIQUE on 16<sup>th</sup> MaY'17**

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

|                              |   |                    |
|------------------------------|---|--------------------|
| Land acquisition             | : | Yet to be acquired |
| Civil work (%)               | : |                    |
| Equipment received (%)       | : |                    |
| Equipment erected (%)        | : |                    |
| Scheduled date of completion | : | Sep'19             |
| Constraint if any            | : |                    |

11. 132/66/11kV Singhik (New) s/s

|                        |   |                    |
|------------------------|---|--------------------|
| Land acquisition       | : | Yet to be acquired |
| Civil work (%)         | : |                    |
| Equipment received (%) | : |                    |

|                              |   |        |
|------------------------------|---|--------|
| Equipment erected (%)        | : |        |
| Scheduled date of completion | : | Sep'19 |
| Constraint if any            | : |        |

## 12. 66/33kV Lachen (New) s/s

|                              |   |                    |
|------------------------------|---|--------------------|
| Land acquisition             | : | Yet to be acquired |
| Civil work (%)               | : |                    |
| Equipment received (%)       | : |                    |
| Equipment erected (%)        | : |                    |
| Scheduled date of completion | : | Sep'19             |
| Constraint if any            | : |                    |

## 13. 66/11kV Passingdong (New) s/s

|                              |   |                    |
|------------------------------|---|--------------------|
| Land acquisition             | : | Yet to be acquired |
| Civil work (%)               | : |                    |
| Equipment received (%)       | : |                    |
| Equipment erected (%)        | : |                    |
| Scheduled date of completion | : | Sep'19             |
| Constraint if any            | : |                    |

## 13. 66/11kV Mangan s/s Extn

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Sep'19   |
| Constraint if any            | : |          |

## SIK-SS-04: Awarded to M/s KEC on 23<sup>rd</sup> Dec'16

## 14. 132/66/11kV Samardong (New) S/s

|                              |   |                                     |
|------------------------------|---|-------------------------------------|
| Land acquisition             | : | Land identified, Yet to be acquired |
| Civil work (%)               | : |                                     |
| Equipment received (%)       | : |                                     |
| Equipment erected (%)        | : |                                     |
| Scheduled date of completion | : | July'19                             |
| Constraint if any            | : |                                     |

## 15. 132/66kV Parbing (New) S/s

|                              |   |                                                               |
|------------------------------|---|---------------------------------------------------------------|
| Land acquisition             | : | Land identified, Yet to be acquired, Contour survey completed |
| Civil work (%)               | : |                                                               |
| Equipment received (%)       | : |                                                               |
| Equipment erected (%)        | : |                                                               |
| Scheduled date of completion | : | July'19                                                       |
| Constraint if any            | : |                                                               |

**16. 132kV Rangpo (PG) s/s Extn**

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | July'19  |
| Constraint if any            | : |          |

**SIK-SS-06: Awarded to M/s S&W on 17<sup>th</sup> Mar'17**

**17. 66/11kV Richenpong (New) s/s-**

|                              |   |                                     |
|------------------------------|---|-------------------------------------|
| Land acquisition             | : | Land identified, Yet to be acquired |
| Civil work (%)               | : |                                     |
| Equipment received (%)       | : |                                     |
| Equipment erected (%)        | : |                                     |
| Scheduled date of completion | : | Mar'19                              |
| Constraint if any            | : |                                     |

**SIK-SS-08: Awarded to M/s ANGELIQUE on 17<sup>th</sup> Mar'17**

**18. 66/11kV Pangthang (New) s/s-**

|                              |   |                                    |
|------------------------------|---|------------------------------------|
| Land acquisition             | : | Acquired, Contour survey completed |
| Civil work (%)               | : |                                    |
| Equipment received (%)       | : |                                    |
| Equipment erected (%)        | : |                                    |
| Scheduled date of completion | : | Mar'19                             |
| Constraint if any            | : |                                    |

**19. 66/11kV Sichey s/s Extn-**

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Mar'19   |
| Constraint if any            | : |          |

**20. 66/11kV Tadong s/s Extn. –**

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Mar'19   |
| Constraint if any            |   |          |

**SIK-SS-09: Awarded to M/s S&W on 16<sup>th</sup> May'17**

**21. 132/66kV Namchi (New) S/S**

|                              |   |                    |
|------------------------------|---|--------------------|
| Land acquisition             | : | Yet to be Acquired |
| Civil work (%)               | : |                    |
| Equipment received (%)       | : |                    |
| Equipment erected (%)        | : |                    |
| Scheduled date of completion | : | May'19             |
| Constraint if any            |   |                    |

**22. 66/11kV New Namchi s/s Extn**

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | May'19   |
| Constraint if any            |   |          |

**23. 66kV Old Namchi S/S extn**

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | May'19   |
| Constraint if any            |   |          |

**24. SIK-SS-05: Extension of 220kV New Melli (PG) GIS S/S to be executed through diversion of materials**

**SIK-SS-07: Yet to be awarded :**

66/11kV Sombaria (New) s/s  
66/11kV Rohthak S/S  
66/11kV Rellichu (New) s/s  
66/11kV Pelling S/S Extn

## **Arunachal Pradesh**

Total no. of Packages: 38

No. of Awarded Packages: 16

| Sl. No | Packages                                                                    | Description         | Remarks                                                                                                                                                                       |
|--------|-----------------------------------------------------------------------------|---------------------|-------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| 1.     | 24 (TW-01 to TW-03, TW-05 to TW-06, TW-08 to TW-22 & TW-24, OPGW/Telecom-3) | Transmission Lines  | 7 package : Awarded<br>8 packages : Under evaluation<br>2 packages : NIT issued<br>3 package : NIT to be issued<br>4 packages : NIT kept under hold due to high altitude area |
| 2.     | 6 (SS-01A, SS-01B, SS-02 to SS-05)                                          | Sub-stations        | 4 packages : awarded<br>1 package : NIT to be issued<br>1 package : NIT kept under hold due to high altitude area.                                                            |
| 3.     | 8 (DMS-01A, DMS-01B, DMS-02 to DMS-04, DMS-5A to DMS-5C)                    | Distribution system | 5 packages : awarded<br>3 packages : NIT kept under hold due to high altitude area.                                                                                           |

### **Transmission line:**

1. **ARP-TW-01:** Likabali – Niglok 132 kV S/c line on D/c tower:

**Awarded to M/s Angelique on 18<sup>th</sup> May'17**

Line Length (kms) : 75 Kms  
 Tower Location (nos) : 293  
 Foundation completed (nos) :  
 Tower Erected (nos) :  
 Stringing completed (kms) :  
 Scheduled date of completion : Nov'19  
 Constraint if any:

2. **ARP-TW-02:** Pasighat Old – Mariyang 132 kV S/c line on D/c tower

**Awarded to M/s Angelique on 18<sup>th</sup> May'17**

Line Length (kms) : 80 Kms  
 Tower Location (nos) : 293  
 Foundation completed (nos) :  
 Tower Erected (nos) :  
 Stringing completed (kms) :  
 Scheduled date of completion : Nov'19  
 Constraint if any:

3. **ARP-TW-03:** Niglok - Pasighat New (Napit) 132 kV S/c line on D/c tower

**Awarded to M/s Angelique on 5<sup>th</sup> June'17**

|                              |   |        |
|------------------------------|---|--------|
| Line Length (kms)            | : | 52 CKM |
| Tower Location (nos)         | : |        |
| Foundation completed (nos)   | : |        |
| Tower Erected (nos)          | : |        |
| Stringing completed (kms)    | : |        |
| Scheduled date of completion | : | Dec'19 |
| Constraint if any:           |   |        |

4. **ARP-TW-03:** Pasighat New (Napit) - Pasighat Old 132 kV S/c line on D/c tower  
**Awarded to M/s Angelique on 5<sup>th</sup> June'17**

|                              |   |        |
|------------------------------|---|--------|
| Line Length (kms)            | : |        |
| Tower Location (nos)         | : |        |
| Foundation completed (nos)   | : |        |
| Tower Erected (nos)          | : |        |
| Stringing completed (kms)    | : |        |
| Scheduled date of completion | : | Dec'19 |
| Constraint if any:           |   |        |

5. **ARP-TW-04:** Khupi – Seppa 132 kV S/c line on D/c tower -**Yet to be awarded**  
6. **ARP-TW-05:** Seppa-Rilo 132 kV S/c line on D/c tower -**Yet to be awarded**

7. **ARP-TW-06:** Rilo – Seijosa 132 kV S/c line on D/c tower-  
**Awarded to M/s Mohan Energy on 31<sup>st</sup> Mar'17**

|                              |   |         |
|------------------------------|---|---------|
| Line Length (kms)            | : | 60 Kms  |
| Tower Location (nos)         | : | 293     |
| Foundation completed (nos)   | : |         |
| Tower Erected (nos)          | : |         |
| Stringing completed (kms)    | : |         |
| Scheduled date of completion | : | Sept'19 |
| Constraint if any:           |   |         |

8. **ARP-TW-07:** Seppa – Bameng 132 kV S/c line on D/c tower-**Yet to be awarded**

9. **ARP-TW-08:** Sagali-Naharlagun 132 kV S/c line on D/c tower  
**Awarded to JV of M/s Vishal & Transglobal on 15<sup>th</sup> June'17**

|                              |   |         |
|------------------------------|---|---------|
| Line Length (kms)            | : |         |
| Tower Location (nos)         | : |         |
| Foundation completed (nos)   | : |         |
| Tower Erected (nos)          | : |         |
| Stringing completed (kms)    | : |         |
| Scheduled date of completion | : | June'19 |
| Constraint if any:           |   |         |

**10. ARP-TW-09: Naharlagun – Banderdewa 132 kV S/c line on D/c tower  
Awarded to M/s KEC on 18<sup>th</sup> May'17**

Line Length (kms) : 45 Kms  
Tower Location (nos) :  
Foundation completed (nos) :  
Tower Erected (nos) :  
Stringing completed (kms) :  
Scheduled date of completion : May'19  
Constraint if any:

**11. ARP-TW-09: Chimpu (Itanagar)- Holongi 132 kV S/c line on D/c tower  
Awarded to M/s KEC on 18<sup>th</sup> May'17**

Line Length (kms) :  
Tower Location (nos) :  
Foundation completed (nos) :  
Tower Erected (nos) :  
Stringing completed (kms) :  
Scheduled date of completion : May'19  
Constraint if any:

**12. ARP-TW-10: Rilo-Sagali 132 kV S/c line on D/c tower  
Awarded to M/s KEC on 18<sup>th</sup> May'17**

Line Length (kms) : 55 Kms  
Tower Location (nos) :  
Foundation completed (nos) :  
Tower Erected (nos) :  
Stringing completed (kms) :  
Scheduled date of completion : Nov'19  
Constraint if any:

**13. ARP-TW-11: Gerukamukh – Likabali 132 kV S/c line on D/c tower -Yet to be awarded**

**14. ARP-TW-12: Naharlagun – Gerukamukh 132 kV S/c line on D/c tower -Yet to be awarded**

**15. ARP-TW-13: Ziro (PG) – Palin 132 kV S/c line on D/c tower -Yet to be awarded**

**16. ARP-TW-13: Palin – Koloriang 132 kV S/c line on D/c tower -Yet to be awarded**

**17. ARP-TW-13: LILO of Daporijo - Along 132kV S/c line at Basar -Yet to be awarded**

**18. ARP-TW-13: Ziro (PG) - Ziro New 132 kV S/c line on D/c tower -Yet to be awarded**

**19. ARP-TW-13: Daporijo – Nacho 132 kV S/c line on D/c tower -Yet to be awarded**

**20. ARP-TW-14: Along – Kambang 132 kV S/c line on D/c tower -Yet to be awarded**

**21. ARP-TW-14: Kambang – Mechuka 132 kV S/c line on D/c tower -Yet to be awarded**

**22. ARP-TW-15: Deomali – Khonsa 132 kV S/c line -Yet to be awarded**

**23. ARP-TW-16: Khonsa – Changlang 132 kV S/c line -Yet to be awarded**

**24. ARP-TW-17: Khonsa – Longding 132 kV S/c line on D/c tower -Yet to be awarded**

**25. ARP-TW-18: Changlang – Jairampur 132 kV S/c line -Yet to be awarded**

26. **ARP-TW-19:** Jairampur – Miao 132 kV S/c line -**Yet to be awarded**
27. **ARP-TW-20:** Miao - Namsai (PG) 132 kV S/c line on D/c tower -**Yet to be awarded**
28. **ARP-TW-21:** Tezu (PG) – Halaipani 132 kV S/c line on D/c tower -**Yet to be awarded**
29. **ARP-TW-21:** Roing (PG) – Dambuk 132 kV S/c line on D/c tower-**Yet to be awarded**
30. **ARP-TW-21:** Roing (PG) – Anini 132 kV S/c line on D/c tower -**Yet to be awarded**
31. **ARP-TW-22:** Along – Yingkiong 132 kV S/c line on D/c tower -**Yet to be awarded**
32. **ARP-TW-22:** Yingkiong – Tuting 132 kV S/c line on D/c tower -**Yet to be awarded**
33. **ARP-TW-23:** Tawang – Lumla 132 kV S/c line on D/c tower -**Yet to be awarded**

## **Sub-station**

### **ARP-SS01A: Awarded to M/s Neccon on 7<sup>th</sup> Jan'16**

1. 63 MVA, 132/33 kV at Niglok:

|                              |   |                                                                                                      |
|------------------------------|---|------------------------------------------------------------------------------------------------------|
| Land acquisition             | : | Acquired                                                                                             |
| Civil work (%)               | : | Tower foundation is complete, Site leveling, Boundary wall, control room in progress - 30% completed |
| Equipment received (%)       | : |                                                                                                      |
| Equipment erected (%)        | : |                                                                                                      |
| Scheduled date of completion | : | Nov'18                                                                                               |
| Constraint if any            | : |                                                                                                      |

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

|                              |   |                             |
|------------------------------|---|-----------------------------|
| Land acquisition             | : | acquired                    |
| Civil work (%)               | : | 45% Site leveling completed |
| Equipment received (%)       | : |                             |
| Equipment erected (%)        | : |                             |
| Scheduled date of completion | : | Nov'18                      |
| Constraint if any            | : |                             |

3. 15 MVA, 132/33 kV at Likabali

|                              |   |                                                                              |
|------------------------------|---|------------------------------------------------------------------------------|
| Land acquisition             | : | acquired                                                                     |
| Civil work (%)               | : | 35% Site leveling completed, Boundary wall & Tower foundation is in progress |
| Equipment received (%)       | : |                                                                              |
| Equipment erected (%)        | : |                                                                              |
| Scheduled date of completion | : | Nov'18                                                                       |
| Constraint if any            | : |                                                                              |

4. 132kV Pasighat Old (Extn):

|                              |   |                                                          |
|------------------------------|---|----------------------------------------------------------|
| Land acquisition             | : | Acquisition under process and (contour survey Completed) |
| Civil work (%)               | : |                                                          |
| Equipment received (%)       | : |                                                          |
| Equipment erected (%)        | : |                                                          |
| Scheduled date of completion | : | Nov'18                                                   |
| Constraint if any            | : |                                                          |

**ARP-SS02: Awarded to M/s Shyama on 1<sup>st</sup> Feb'16**

5. 15 MVA, 132/33 kV at Seppa

|                              |   |                                                         |
|------------------------------|---|---------------------------------------------------------|
| Land acquisition             | : | Acquired                                                |
| Civil work (%)               | : | 80% Site leveling completed & Boundary wall in Progress |
| Equipment received (%)       | : |                                                         |
| Equipment erected (%)        | : |                                                         |
| Scheduled date of completion | : | Nov'18                                                  |
| Constraint if any            | : |                                                         |

6. 15 MVA, 132/33 kV at Rilo

|                              |   |                                           |
|------------------------------|---|-------------------------------------------|
| Land acquisition             | : | Acquired                                  |
| Civil work (%)               | : | 90% completed (Site leveling in Progress) |
| Equipment received (%)       | : |                                           |
| Equipment erected (%)        | : |                                           |
| Scheduled date of completion | : | Nov'18                                    |
| Constraint if any            | : |                                           |

7. 15 MVA, 132/33 kV at Seijosa:

|                              |   |                                                      |
|------------------------------|---|------------------------------------------------------|
| Land acquisition             | : | Land not yet finalized due to forest clearance issue |
| Civil work (%)               | : |                                                      |
| Equipment received (%)       | : |                                                      |
| Equipment erected (%)        | : |                                                      |
| Scheduled date of completion | : | Nov'18                                               |
| Constraint if any            | : |                                                      |

8. 15 MVA, 132/33 kV at Bameng

|                              |   |                             |
|------------------------------|---|-----------------------------|
| Land acquisition             | : | Acquired                    |
| Civil work (%)               | : | 60% Site leveling completed |
| Equipment received (%)       | : |                             |
| Equipment erected (%)        | : |                             |
| Scheduled date of completion | : | Nov'18                      |
| Constraint if any            | : |                             |

9. 132kV Khupi (Extn):

|                              |   |                                                                   |
|------------------------------|---|-------------------------------------------------------------------|
| Land acquisition             | : | Acquired (100%) (Contour survey and soil Investigation completed) |
| Civil work (%)               | : |                                                                   |
| Equipment received (%)       | : |                                                                   |
| Equipment erected (%)        | : |                                                                   |
| Scheduled date of completion | : | May'18                                                            |
| Constraint if any            | : |                                                                   |

**ARP-SS03: Awarded to M/s KEC on 31<sup>st</sup> Oct '16**

10. 15 MVA, 132/33 kV at Sagali-

|                              |   |                                  |
|------------------------------|---|----------------------------------|
| Land acquisition             | : | Acquired (Contour is completed). |
| Civil work (%)               | : |                                  |
| Equipment received (%)       | : |                                  |
| Equipment erected (%)        | : |                                  |
| Scheduled date of completion | : | Aug'19                           |
| Constraint if any            | : |                                  |

11. 63 MVA, 132/33 kV at Naharlagun

|                              |   |                    |
|------------------------------|---|--------------------|
| Land acquisition             | : | Yet to be acquired |
| Civil work (%)               | : |                    |
| Equipment received (%)       | : |                    |
| Equipment erected (%)        | : |                    |
| Scheduled date of completion | : | Aug'19             |
| Constraint if any            | : |                    |

12. 63 MVA, 132/33 kV at Banderdewa

|                              |   |                    |
|------------------------------|---|--------------------|
| Land acquisition             | : | Yet to be acquired |
| Civil work (%)               | : |                    |
| Equipment received (%)       | : |                    |
| Equipment erected (%)        | : |                    |
| Scheduled date of completion | : | Aug'19             |
| Constraint if any            | : |                    |

13. 20 MVA, 132/33 kV at Holongi

|                              |   |                                                           |
|------------------------------|---|-----------------------------------------------------------|
| Land acquisition             | : | Acquired                                                  |
| Civil work (%)               | : | 40% Site leveling completed and Boundary wall in progress |
| Equipment received (%)       | : |                                                           |
| Equipment erected (%)        | : |                                                           |
| Scheduled date of completion | : | Aug'19                                                    |
| Constraint if any            | : |                                                           |

**14. 132kV Chimpu(Itanagar) (Extn)**

|                              |   |          |
|------------------------------|---|----------|
| Land acquisition             | : | Acquired |
| Civil work (%)               | : |          |
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | Aug'19   |
| Constraint if any            | : |          |

**ARP-SS04: Awarded to M/s KEI on 9<sup>th</sup> Dec'16**

**15. 15 MVA, 132/33 kV at Khonsa**

|                              |   |                                                                  |
|------------------------------|---|------------------------------------------------------------------|
| Land acquisition             | : | Acquired (Contouring completed and Soil Investigation Completed) |
| Civil work (%)               | : |                                                                  |
| Equipment received (%)       | : |                                                                  |
| Equipment erected (%)        | : |                                                                  |
| Scheduled date of completion | : | Oct'19                                                           |
| Constraint if any            | : |                                                                  |

**16. 15 MVA, 132/33 kV at Changlang**

|                              |   |                                         |
|------------------------------|---|-----------------------------------------|
| Land acquisition             | : | Acquired (Soil Investigation completed) |
| Civil work (%)               | : |                                         |
| Equipment received (%)       | : |                                         |
| Equipment erected (%)        | : |                                         |
| Scheduled date of completion | : | Oct'19                                  |
| Constraint if any            | : |                                         |

**17. 15 MVA, 132/33 kV at Jairampur**

|                              |   |                                          |
|------------------------------|---|------------------------------------------|
| Land acquisition             | : | Land acquired (Contour survey completed) |
| Civil work (%)               | : |                                          |
| Equipment received (%)       | : |                                          |
| Equipment erected (%)        | : |                                          |
| Scheduled date of completion | : | Oct'19                                   |
| Constraint if any            | : |                                          |

**18. 15 MVA, 132/33 kV at Miao**

|                  |   |                                          |
|------------------|---|------------------------------------------|
| Land acquisition | : | Acquired (Soil Investigation completed). |
| Civil work (%)   | : |                                          |

|                              |   |        |
|------------------------------|---|--------|
| Equipment received (%)       | : |        |
| Equipment erected (%)        | : |        |
| Scheduled date of completion | : | Oct'19 |
| Constraint if any            | : |        |

**19. 132kV Deomali (Extn)**

|                              |   |           |
|------------------------------|---|-----------|
| Land acquisition             | : | Available |
| Civil work (%)               | : |           |
| Equipment received (%)       | : |           |
| Equipment erected (%)        | : |           |
| Scheduled date of completion | : | Oct'19    |
| Constraint if any            | : |           |

**20. 132kV Namsai (PG) Extn**

|                              |   |                                          |
|------------------------------|---|------------------------------------------|
| Land acquisition             | : | Available (Soil Investigation completed) |
| Civil work (%)               | : |                                          |
| Equipment received (%)       | : |                                          |
| Equipment erected (%)        | : |                                          |
| Scheduled date of completion | : | Oct'19                                   |
| Constraint if any            | : |                                          |

## **DMS Substation**

**ARP-DMS-02: Awarded to M/s Technofab on 2<sup>nd</sup> Sep'16**

**21. 33/11 kV New substation at Balemuru**

|                              |   |                                                              |
|------------------------------|---|--------------------------------------------------------------|
| Land acquisition             | : | Available (Contour survey and soil investigation completed ) |
| Civil work (%)               | : |                                                              |
| Equipment received (%)       | : |                                                              |
| Equipment erected (%)        | : |                                                              |
| Scheduled date of completion | : | May'19                                                       |
| Constraint if any            | : |                                                              |

**22. 33/11 kV New substation at Bana**

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | May'19       |
| Constraint if any            | : |              |

23. 33/11 kV New substation at Khenwa

|                              |   |                                                              |
|------------------------------|---|--------------------------------------------------------------|
| Land acquisition             | : | Available (Contour survey and soil investigation completed ) |
| Civil work (%)               | : |                                                              |
| Equipment received (%)       | : |                                                              |
| Equipment erected (%)        | : |                                                              |
| Scheduled date of completion | : | May'19                                                       |
| Constraint if any            |   |                                                              |

24. 33/11 kV New substation at Pipu

|                              |   |                                          |
|------------------------------|---|------------------------------------------|
| Land acquisition             | : | Available (soil investigation completed) |
| Civil work (%)               | : |                                          |
| Equipment received (%)       | : |                                          |
| Equipment erected (%)        | : |                                          |
| Scheduled date of completion | : | May'19                                   |
| Constraint if any            |   |                                          |

25. 33/11 kV New substation at Rilo

|                              |   |                                                              |
|------------------------------|---|--------------------------------------------------------------|
| Land acquisition             | : | Available (Contour survey and Soil investigation completed ) |
| Civil work (%)               | : |                                                              |
| Equipment received (%)       | : |                                                              |
| Equipment erected (%)        | : |                                                              |
| Scheduled date of completion | : | May'19                                                       |
| Constraint if any            |   |                                                              |

26. 33/11 kV New substation at Seijosa

|                              |   |               |
|------------------------------|---|---------------|
| Land acquisition             | : | Not Available |
| Civil work (%)               | : |               |
| Equipment received (%)       | : |               |
| Equipment erected (%)        | : |               |
| Scheduled date of completion | : | May'19        |
| Constraint if any            |   |               |

27. 33/11 kV New substation at Thriziono

|                        |   |              |
|------------------------|---|--------------|
| Land acquisition       | : | Not acquired |
| Civil work (%)         | : |              |
| Equipment received (%) | : |              |
| Equipment erected (%)  | : |              |

Scheduled date of completion : May'19  
Constraint if any

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

Land acquisition : Available  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion : May'19  
Constraint if any

29. Extn. of Existing 33/11kV Khuppi S/S

Land acquisition : Available  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion : May'19  
Constraint if any

**ARP-DMS-03: Awarded to M/s TATA on 7<sup>th</sup> Sep'16**

30. 33/11 kV New substation at AP Secretariat

Land acquisition : Available (Contour survey and Soil investigation completed )  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion : April'19  
Constraint if any

31. 33/11 kV New substation at Doimukh

Land acquisition : Available (Contour survey and Soil investigation completed )  
Civil work (%) : 40% Site leveling completed and boundary wall in progress  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion : April'19  
Constraint if any

32. 33/11 kV New substation at Gohpur Tinali

|                              |   |           |
|------------------------------|---|-----------|
| Land acquisition             | : | Available |
| Civil work (%)               | : |           |
| Equipment received (%)       | : |           |
| Equipment erected (%)        | : |           |
| Scheduled date of completion | : | April'19  |
| Constraint if any            |   |           |

### 33. 33/11 kV New substation at Jote

|                              |   |                                                              |
|------------------------------|---|--------------------------------------------------------------|
| Land acquisition             | : | Available (Contour survey and Soil investigation completed ) |
| Civil work (%)               | : | 60% Site leveling completed and boundary wall in progress    |
| Equipment received (%)       | : |                                                              |
| Equipment erected (%)        | : |                                                              |
| Scheduled date of completion | : | April'19                                                     |
| Constraint if any            |   |                                                              |

### 34. 33/11 kV New substation at Klimtao(Bumla)

|                              |   |           |
|------------------------------|---|-----------|
| Land acquisition             | : | Available |
| Civil work (%)               | : |           |
| Equipment received (%)       | : |           |
| Equipment erected (%)        | : |           |
| Scheduled date of completion | : | April'19  |
| Constraint if any            |   |           |

### 35. 33/11 kV New substation at Leporiang

|                              |   |                                                              |
|------------------------------|---|--------------------------------------------------------------|
| Land acquisition             | : | Available (Contour survey and Soil investigation completed ) |
| Civil work (%)               | : |                                                              |
| Equipment received (%)       | : |                                                              |
| Equipment erected (%)        | : |                                                              |
| Scheduled date of completion | : | April'19                                                     |
| Constraint if any            |   |                                                              |

### 36. 33/11 kV New substation at Lumla

|                  |   |                                      |
|------------------|---|--------------------------------------|
| Land acquisition | : | Available (Contour survey Completed) |
| Civil work (%)   | : |                                      |

|                              |   |          |
|------------------------------|---|----------|
| Equipment received (%)       | : |          |
| Equipment erected (%)        | : |          |
| Scheduled date of completion | : | April'19 |
| Constraint if any            |   |          |

37. 33/11 kV New substation at Mukta

|                              |   |                                      |
|------------------------------|---|--------------------------------------|
| Land acquisition             | : | Available (Contour survey Completed) |
| Civil work (%)               | : |                                      |
| Equipment received (%)       | : |                                      |
| Equipment erected (%)        | : |                                      |
| Scheduled date of completion | : | April'19                             |
| Constraint if any            |   |                                      |

38. 33/11 kV New substation at Pappu Nallah

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | April'19     |
| Constraint if any            |   |              |

39. 33/11 kV New substation at Raj Bhawan

|                              |   |           |
|------------------------------|---|-----------|
| Land acquisition             | : | Available |
| Civil work (%)               | : |           |
| Equipment received (%)       | : |           |
| Equipment erected (%)        | : |           |
| Scheduled date of completion | : | April'19  |
| Constraint if any            |   |           |

40. 33/11 kV New substation at Thimbu

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | April'19     |
| Constraint if any            |   |              |

41. Extn. of Existing 33/11kV Tawang S/S

|                              |   |           |
|------------------------------|---|-----------|
| Land acquisition             | : | Available |
| Civil work (%)               | : |           |
| Equipment received (%)       | : |           |
| Equipment erected (%)        | : |           |
| Scheduled date of completion | : | April'19  |
| Constraint if any            |   |           |

42. Extn. of Existing 33/11kV Jang SS S/S

|                              |   |           |
|------------------------------|---|-----------|
| Land acquisition             | : | Available |
| Civil work (%)               | : |           |
| Equipment received (%)       | : |           |
| Equipment erected (%)        | : |           |
| Scheduled date of completion | : | April'19  |
| Constraint if any            |   |           |

**ARP-DMS-04: Awarded to M/s Technofab on 26<sup>th</sup> Aug'16**

43. 33/11 kV New substation at Changlang

|                              |   |                                         |
|------------------------------|---|-----------------------------------------|
| Land acquisition             | : | Acquired (Soil investigation completed) |
| Civil work (%)               | : |                                         |
| Equipment received (%)       | : |                                         |
| Equipment erected (%)        | : |                                         |
| Scheduled date of completion | : | April'19                                |
| Constraint if                |   |                                         |

44. 33/11 kV New substation at Khonsa

|                              |   |                                         |
|------------------------------|---|-----------------------------------------|
| Land acquisition             | : | Acquired (Soil investigation completed) |
| Civil work (%)               | : |                                         |
| Equipment received (%)       | : |                                         |
| Equipment erected (%)        | : |                                         |
| Scheduled date of completion | : | April'19                                |
| Constraint if                |   |                                         |

45. 33/11 kV New substation at Kanubari

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | April'19     |
| Constraint if                |   |              |

46. 33/11 kV New substation at Kharsang

|                              |   |                                          |
|------------------------------|---|------------------------------------------|
| Land acquisition             | : | Available                                |
| Civil work (%)               | : | (Contour & soil investigation completed) |
| Equipment received (%)       | : |                                          |
| Equipment erected (%)        | : |                                          |
| Scheduled date of completion | : | April'19                                 |
| Constraint if                |   |                                          |

47. 33/11 kV New substation at Khimiyong

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | April'19     |
| Constraint if                |   |              |

48. 33/11 kV New substation at Longding

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | April'19     |
| Constraint if                |   |              |

49. 33/11 kV New substation at Manmao

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | April'19     |
| Constraint if                |   |              |

50. 33/11 kV New substation at Diyun

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | April'19     |
| Constraint if                |   |              |

51. 33/11 kV New substation at Choukham

|                              |   |                                          |
|------------------------------|---|------------------------------------------|
| Land acquisition             | : | Available                                |
| Civil work (%)               | : | (Contour & soil investigation completed) |
| Equipment received (%)       | : |                                          |
| Equipment erected (%)        | : |                                          |
| Scheduled date of completion | : | April'19                                 |
| Constraint if                |   |                                          |

52. 33/11 kV New substation at Deomali

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : | April'19     |
| Constraint if                |   |              |

53. 33/11 kV New substation at Namsai

|                              |   |                                          |
|------------------------------|---|------------------------------------------|
| Land acquisition             | : | Available                                |
| Civil work (%)               | : | (Contour & soil investigation completed) |
| Equipment received (%)       | : |                                          |
| Equipment erected (%)        | : |                                          |
| Scheduled date of completion | : | April'19                                 |
| Constraint if                |   |                                          |

54. 33kV Miao (Augmentation)

|                              |   |           |
|------------------------------|---|-----------|
| Land acquisition             | : | Available |
| Civil work (%)               | : |           |
| Equipment received (%)       | : |           |
| Equipment erected (%)        | : |           |
| Scheduled date of completion | : | May'19    |
| Constraint if any            |   |           |

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

|                              |   |           |
|------------------------------|---|-----------|
| Land acquisition             | : | Available |
| Civil work (%)               | : |           |
| Equipment received (%)       | : |           |
| Equipment erected (%)        | : |           |
| Scheduled date of completion | : | May'19    |
| Constraint if any            |   |           |

**ARP-DMS-1A: Awarded to M/s TATA on 2<sup>nd</sup> Mar'17**

**56. 33/11 kV New substation at All India Radio**

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : |              |
| Constraint if                |   |              |

**57. 33/11 kV New substation at Jeying**

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : |              |
| Constraint if                |   |              |

**58. 33/11 kV New substation at Likabali**

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : |              |
| Constraint if                |   |              |

**59. 33/11 kV New substation at Mebo**

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : |              |
| Constraint if                |   |              |

**60. 33/11 kV New substation at Napit**

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

Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion :  
Constraint if

61. 33/11 kV New substation at Nari

Land acquisition : Not acquired  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion :  
Constraint if

62. 33/11 kV New substation at Ngopok

Land acquisition :  
Civil work (%) : Not acquired  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion :  
Constraint if

63. 33/11 kV New substation at Oyan

Land acquisition : Not acquired  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion :  
Constraint if

64. 33/11 kV New substation at Ruksin

Land acquisition : Not acquired  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion :  
Constraint if

65. Extn. of Existing 33/11kV Old Passighat S/s.

Land acquisition : Not acquired  
Civil work (%) :

Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion :  
Constraint if

**ARP-DMS-1B: Awarded to M/s TATA on 2<sup>nd</sup> Mar'17**

66. 33/11 kV New substation at Gensi

Land acquisition : Not acquired  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion :  
Constraint if

67. 33/11 kV New substation at Gerukamukh

Land acquisition : Not acquired  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion :  
Constraint if

68. 33/11 kV New substation at Hapoli

Land acquisition : Not acquired  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion :  
Constraint if

69. 33/11 kV New substation at Igo

Land acquisition : Available  
Civil work (%) :  
Equipment received (%) :  
Equipment erected (%) :  
Scheduled date of completion :  
Constraint if

70. 33/11 kV New substation at Koyu

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : |              |
| Constraint if                |   |              |

71. 33/11 kV New substation at Raga

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

72. 33/11 kV New substation at Tirbin,

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

73. 33/11 kV New substation at Yazali

|                              |   |              |
|------------------------------|---|--------------|
| Land acquisition             | : | Not acquired |
| Civil work (%)               | : |              |
| Equipment received (%)       | : |              |
| Equipment erected (%)        | : |              |
| Scheduled date of completion | : |              |
| Constraint if                |   |              |

**ARP-SS-1B: yet to be awarded**

74. 15 MVA, 132/33 kV at Gerukhamukh

75. 15 MVA, 132/33 kV at Basar

76. 15 MVA, 132/33 kV at Ziro New

77. 132kV Zero (Extn)

**ARP-SS-05: yet to be awarded**

78. 15 MVA, 132/33 kV at Halaipani

- 79.** 15 MVA, 132/33 kV at Dambuk
- 80.** 15 MVA, 132/33 kV at Palin
- 81.** 15 MVA, 132/33 kV at Koloriang
- 82.** 15 MVA, 132/33 kV at Yingkiong
- 83.** 15 MVA, 132/33 kV at Kambang
- 84.** 132kV Tezu (Extn.)
- 85.** 132kV Roing (Extn.)
- 86.** Augmentation\*\* 15 MVA, 132/33 kV at Daporijo
- 87.** 132kV Along Ext

**Comprehensive Scheme of Transmission & Distribution System in Arunachal Pradesh & Sikkim**

**Financial Status**

| <b>Sl. No.</b> | <b>Particulars</b>                     | <b>Amount (in crs)</b> |
|----------------|----------------------------------------|------------------------|
| 1.             | Total Estimated cost of the Project    | Rs. 4754.42            |
| 2.             | Amount received <u>till 30/06/2017</u> | Rs. 496.24             |
| 3.             | Amount spent till <u>30/06/2017</u>    | Rs. 334.01             |
| 4.             | Balance Amount available               | Rs. 162.23             |

### 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 has approved a proposal for construction of a 220kV Transmission System from Alusteng (Srinagar) to Leh (via Drass, Kargil and Khalsti 220/66kV PGCIL substations) and 66kV Power Grid Corporation of India Limited (PGCIL) interconnection system for Drass, Kargil, Khalsti and Leh substations in Jammu & Kashmir (J&K). The transmission project shall provide grid connectivity and reliable power supply to the strategically important Ladakh region. The electric supply system of Ladakh Region in the State of J&K is currently isolated from the Northern Grid and is fed through local small hydro generation and diesel generator sets. Being an area of defence establishments and strategic importance, there is a need to improve the reliability of power supply through inter-connection with the Northern Grid. Accordingly, a 220KV Transmission System has been planned. The difficult terrain has left the Ladakh region isolated with no electrical connectivity with the rest of the grid. The region is experiencing an energy shortage of about 95 percent. The cost of local diesel generation is very high (about Rs 16-17/unit). Being an area of strategic importance, reliable power supply arrangement is very crucial.

#### General Details

|                          |                                                                                                                                                                                  |
|--------------------------|----------------------------------------------------------------------------------------------------------------------------------------------------------------------------------|
| Date of Govt. approval   | : Jan, 2014                                                                                                                                                                      |
| Implementing Agency      | : PGCIL,                                                                                                                                                                         |
| Estimated Cost (Rs. crs) | : 1788.41 Crore                                                                                                                                                                  |
| Funding                  | :                                                                                                                                                                                |
| Phasing of expenditure   | : Year 2013-14 - 68.84 Cr.<br>Year 2014-15 - 357.68 Cr.<br>Year 2015-16 - 470.26 Cr.<br>Year 2016-17 - 536.53 Cr.<br>Year 2017-18 - <u>355.10 Cr.</u><br>Total <b>1788.41Cr.</b> |
| Completion schedule      | : Sep, 2017(42 months)                                                                                                                                                           |

#### Summary:

| Particulars                                              | State           |
|----------------------------------------------------------|-----------------|
|                                                          | Jammu & Kashmir |
| Total no. of Transmission Projects (Line & S/S)          | 12              |
| Transmission Projects awarded                            | 12              |
| Transmission Projects yet to be awarded                  | nil             |
| Transmission Projects under construction                 | 11              |
| Transmission Projects whose construction is yet to start | 01              |

# 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. 50MVA, 220/66kV Kargil (GIS)
3. 50MVA, 220/66kV Khalsti (GIS)
4. 50MVA, 220/66kV Leh (GIS)

# Status of progress of Transmission Project

## Transmission lines

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

**Awarded to M/s Gammon India Ltd. Letter of Award (LOA) issued on Aug,2014**

|                              |   |          |
|------------------------------|---|----------|
| Length of line(km)           | : | 70       |
| Tower Location(nos)          | : | 261      |
| Foundation completed(nos)    | : | 151      |
| Tower Erected(nos)           | : | 101      |
| Stringing done(Km)           | : | 4.1      |
| Scheduled date of completion | : | Sept, 17 |
| Constraint if any:           |   |          |

### 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       |
| Tower Location(nos)          | : | 164      |
| Foundation completed(nos)    | : | 92       |
| Tower Erected(nos)           | : | 71       |
| Stringing done(Km)           | : | 11.2     |
| Scheduled date of completion | : | Sept, 17 |
| Constraint if any:           |   |          |

### **3. Drass – Kargil 220kV S/C line**

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

|                              |   |          |
|------------------------------|---|----------|
| Line Length(kms)             | : | 60       |
| Tower Location(nos)          | : | 200      |
| Foundation completed(nos)    | : | 175      |
| Tower Erected(nos)           | : | 149      |
| Stringing completed(Km)      | : | 32       |
| Scheduled date of completion | : | Sept, 17 |
| Constraint if any:           |   |          |

### **4. Kargil – Khalsti 220kV S/C line**

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

|                              |   |          |
|------------------------------|---|----------|
| Line Length(kms)             | : | 94       |
| Tower Location(nos)          | : | 307      |
| Foundation completed(nos)    | : | 261      |
| Tower Erected(nos)           | : | 239      |
| Stringing completed(Km)      | : | 62       |
| Scheduled date of completion | : | Sept, 17 |
| Constraint if any:           |   |          |

### **5. Khalsti – Leh 220kV S/C line**

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

|                              |   |          |
|------------------------------|---|----------|
| Line Length(kms)             | : | 61.5     |
| Tower Location(nos)          | : | 209      |
| Foundation completed(nos)    | : | 205      |
| Tower Erected(nos)           | : | 185      |
| Stringing completed(Km)      | : | 45       |
| Scheduled date of completion | : | Sept, 17 |
| Constraint if any:           |   |          |

### **6. Underground cable near Sonmarg & Zozilla Pass**

**Total work is divided in two sections of 6 Kms each. Route survey have been carried out in Section-I i.e. Sonmarg.**

### **7. LILO of 66kV Leh – Nimmo line**

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

|                     |   |      |
|---------------------|---|------|
| Line Length(kms)    | : | 2.15 |
| Tower Location(nos) | : | 14   |

|                              |   |          |
|------------------------------|---|----------|
| Foundation completed(nos)    | : | 14       |
| Tower Erected(nos)           | : | 13       |
| Stringing completed(Km)      | : | 1.7      |
| Scheduled date of completion | : | Sept, 17 |
| Constraint if any:           |   |          |

## **8. LILO of 66kV Leh – Kharu line**

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

|                              |   |          |
|------------------------------|---|----------|
| Line Length(kms)             | : | 16.19    |
| Tower Location(nos)          | : | 98       |
| Foundation completed(nos)    | : | 93       |
| Tower Erected(nos)           | : | 22       |
| Stringing completed(Km)      | : | 3.7      |
| Scheduled date of completion | : | Sept, 17 |
| Constraint if any:           |   |          |

### **Sub-station**

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

**Awarded to JV of M/s Hyosung and M/s KEC and Letter of Award (LOA) issued on Mar'2015**

|                              |   |                 |
|------------------------------|---|-----------------|
| Land acquisition             | : | Acquired (100%) |
| Civil work (%)               | : | 90%             |
| Equipment received (%)       | : | 95%             |
| Equipment erected (%)        | : | 50%             |
| Scheduled date of completion | : | Sept, 17        |
| Constraint if any            | : |                 |

#### **2. 50MVA, 220/66kV GIS at Kargil**

**Awarded to JV of M/s Hyosung and M/s KEC International and Letter of Award issued on Mar'2015**

|                              |   |                          |
|------------------------------|---|--------------------------|
| Land acquisition             | : | Land hand over in Dec'16 |
| Civil work (%)               | : | 10%                      |
| Equipment received (%)       | : | 90%                      |
| Equipment erected (%)        | : | 5%                       |
| Scheduled date of completion | : | Sept, 17                 |
| Constraint if any            | : |                          |

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

**Awarded to JV of M/s Hyosung and M/s KEC, Letter of Award (LOA) issued on Mar'15**

|                              |   |                 |
|------------------------------|---|-----------------|
| Land acquisition             | : | Acquired (100%) |
| Civil work (%)               | : | 95%             |
| Equipment received (%)       | : | 95              |
| Equipment erected (%)        | : | 50              |
| Scheduled date of completion | : | Sept, 17        |
| Constraint if any            | : |                 |

### **4. 50MVA, 220/66 kV GIS at Leh**

**Awarded to JV of M/s Hyosung and M/s KEC International and Letter of Award issued on Mar'15**

|                              |   |                 |
|------------------------------|---|-----------------|
| Land acquisition             | : | Acquired (100%) |
| Civil work (%)               | : | 95%             |
| Equipment received (%)       | : | 95              |
| Equipment erected (%)        | : | 50              |
| Scheduled date of completion | : | Sept, 17        |
| Constraint if any            | : |                 |

#### **Issues:**

- i. Stay order for J&K High court on Kargil S/S works:-A few Kargil S/S land owners have approached J&K high court and have got stay order on part of S/S premises. Construction works are hampering due to repeated obstruction from them. J&K state needs to address the issue as the case is primarily against Land acquisition collector for land allotted for substation construction works.
- ii. Work held up in 36 locations (28 locations in Ganderbal district & 8 locations in Kargil district) due to Right of Way. Matter being followed up with the State Administration.
- iii. Forest clearance for 107 locations i.e. Ganderbal Division (99 locations) and Kargil (8 locations received on 19th July'17. Payment as per demand note has been deposited. Tree cutting to be expedited by Forest Dept., Govt. of J&K.
- iv. Formal NOC from defense for 67 locations is under issuance, however construction work has been allowed on verbal permission.

Financial Status

Srinagar-Leh

| Sl. No. | Particulars                         | Amount (in crs)                                                                       |
|---------|-------------------------------------|---------------------------------------------------------------------------------------|
| 1       | Total Estimated cost of the Project | Rs. 1788.41 (95% GOI Share (Rs. 1699.00 Crs) & (5% Govt. of J&K share (Rs 89.41 Crs)) |
| 2       | Amount received till 30/06/2017     | Rs. 1133.54 Cr.<br>(Rs 1083.54 Cr. + Rs.50 Cr. from Govt. of J&K                      |
| 3       | Amount spent till 30/06/2017        | Rs 1106.28 Cr.                                                                        |
| 4       | Balance Amount available            | Rs. 27.26 Cr.                                                                         |