



भारत सरकार  
Government of India  
विद्युत मंत्रालय  
Ministry of Power  
केन्द्रीय विद्युत प्राधिकरण  
Central Electricity Authority  
विद्युत प्रणाली परियोजना प्रबोधन प्रभाग  
Power System Project Monitoring Division

सं.: के.वि.प्रा./पी.एस.पी.एम.7/7/2017/ 371-382.

दिनांक: 25.05.2017

No. CEA/PS/PSPM/7/7/2017/

Dated: 25.05.2017

सेवा में, /To,

(संलग्न सूची के अनुसार)/ (As per enclosed list)

विषय: (i) अरुणाचल प्रदेश और सिक्किम में ट्रांसमिशन और वितरण प्रणाली को सुदृढ़ बनाने की व्यापक योजना (ii) इंद्रा-स्टेट ट्रांसमिशन एंड डिस्ट्रिब्यूशन सिस्टम को सुदृढ़ बनाने के लिए छह एनईआर राज्यों के लिए उत्तर-पूर्वी क्षेत्र पावर सिस्टम सुधार परियोजना (एनईआरपीएसआईपी) (iii) जम्मू एवम कश्मीर में 220 किलोवोल्ट अलस्टेंग (श्रीनगर) से लेह ट्रांसमिशन सिस्टम की प्रगति की समीक्षा हेतु 24 अप्रैल, 2017 को सदस्य (विद्युत प्रणाली), केवीप्रा द्वारा की गई बैठक का कार्यव्रत्त

Subject: Minutes of meeting taken by Member (PS), CEA on 24<sup>th</sup> April, 2017 in Sewa Bhawan, New Delhi to review the progress of transmission works covered under (i) Comprehensive Scheme for Strengthening of Transmission & Distribution System in Arunachal Pradesh & Sikkim, (ii) North-eastern Region Power System Improvement Project (NERPSIP) for Six NER States for strengthening of the intra-State Transmission and Distribution System & (iii) 220kV Transmission System from Alusteng (Srinagar) to Leh in Jammu & Kashmir (J&K).

महोदय, / Sir,

(i) अरुणाचल प्रदेश और सिक्किम में ट्रांसमिशन और वितरण प्रणाली को सुदृढ़ बनाने की व्यापक योजना (ii) इंद्रा-स्टेट ट्रांसमिशन एंड डिस्ट्रिब्यूशन सिस्टम को सुदृढ़ बनाने के लिए छह एनईआर राज्यों के लिए उत्तर-पूर्वी क्षेत्र पावर सिस्टम सुधार परियोजना (एनईआरपीएसआईपी) (iii) 220 किलोवोल्ट अलस्टेंग (श्रीनगर) से लेह ट्रांसमिशन सिस्टम की प्रगति की समीक्षा हेतु 24 अप्रैल, 2017 को सदस्य (विद्युत प्रणाली), केवीप्रा द्वारा की गई बैठक का कार्यव्रत्त अनुबंध में संलग्न है



Minutes of meeting taken by Member (PS), CEA on 24th April, 2017 in Sewa Bhawan, New Delhi to review the progress of transmission works covered under (i) Comprehensive Scheme for Strengthening of Transmission & Distribution System in Arunachal Pradesh & Sikkim, (ii) North-eastern Region Power System Improvement Project (NERPSIP) for Six NER States for strengthening of the intra- State Transmission and Distribution System & (iii) 220kV Transmission System from Alusteng (Srinagar) to Leh in Jammu & Kashmir (J&K) is enclosed at Annexure.

यह पत्र सदस्य (विद्युत प्रचालन), केवीप्रा द्वारा अनुमोदित है  
This issues with the approval of Member (PS), CEA.

भवदीय/ Yours sincerely,



(बी के आर्या/ (B K Arya)

मुख्य अभियंता/ Chief Engineer

प्रतिलिपि/Copy to:

1. सन्युक्त सचिव(ट्रांस), विद्युत मंत्रालय, श्रम शक्ति भवन, रफी मार्ग, नई दिल्ली- 110001/ Joint Secretary (Trans.), Ministry of Power, Shram Shakti Bhawan, Rafi Marg, New Delhi- 110001
2. सदस्य (विद्युत प्रणाली), केवीप्रा, के प्रधान निजी सचिव / PPS to Member (PS), CEA

**Minutes of meeting taken by Member (PS), CEA on 24<sup>th</sup> April'17 in Sewa Bhawan, New Delhi to review the progress of NERPSIP, Comprehensive T&D Scheme of Arunachal Pradesh & Sikkim and 220kV Srinagar-Leh Transmission system in J&K under implementation by POWERGRID.**

List of participants is enclosed at Annexure-I.

Member (PS), CEA welcomed all the participants and after brief introduction enquired about poor presence of representatives of states, it was noticed that no member from NER states except Assam was present in the meeting, although the notice was circulated well in time. Member (PS) took it seriously and requested Chief Engineer (PSPM) to write letter to Secretary (Power) of all NER states informing non-involvement of NER states in the meeting. Chief Engineer (PSPM) briefly stated the status of transmission schemes and details of discussion is as under:

**A. NERPSIP:**

**(i) Assam:**

(a) POWERGRID updated the progress of packages as under:

Total no. of Packages: 16

No. of Awarded Packages: 9

Sl. No	No. of Packages	Description	Remarks
1.	6 (TW-01 to TW-06)	Transmission Lines	4 packages: 1 <sup>st</sup> Bids opened on 7 <sup>th</sup> April'17  2 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

The details of packages are given at Annexure-II/1

(b) POWERGRID informed that preliminary works e.g. Contour survey and soil investigation at most of the awarded substations packages have been completed and site levelling, Boundary Wall, Tower foundation and Control Room works have been taken up for implementation.

(c) POWERGRID informed that the land status of Assam is as under:

EHV / DMS	Sub-station (New)	Land Availability in totality	Awarded S/S	Land availability for awarded S/S	Land under finalization / acquisition
EHV	11	10	11	10	1 (Amingaon)
DMS	16	10	16	10	6 (Dibrugarh, Chabipool, Domdoma, Ramdiya, Sesa, Tarun Nagar (GIS))

POWERGRID has already placed request for early handing over the balance 7 nos. Sub-station lands (EHV-1 & DMS-6).

**(ii) Meghalaya:**

- (a) POWERGRID updated the progress of packages as under:  
 Total no. of Packages: 7 No. of Awarded Packages: 7

Sl. No	No. of 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	

- (b) POWERGRID informed that Govt. of Meghalaya had earlier confirmed that they will waive state taxes, now they have intimated that they will reimburse the same. Meanwhile, all contracts have been awarded on tax waiver basis. This has led to contractual complications. State may therefore be insisted for waiver of State Taxes.

The details of packages are given at Annexure-II/2

**(iii) Tripura:**

- (a) POWERGRID updated the progress of packages as under:  
 Total no. of Packages: 11 No. of Awarded Packages:8

Sl. No	No. of Packages	Description	Remarks
1.	3 (TW-01 to TW-03)	Transmission Lines	Price bids opened on 12 <sup>th</sup> April'17. Under award.
2.	3 (SS-01 to SS-03)	Sub-stations	All awarded
3.	5 (DMS-01 to DMS-05)	Distribution system	All awarded

- (b) POWERGRID informed that works have commenced in all the awarded packages and requested for handing over of land for 1 distribution sub-station(Manughat).

The details of packages are given at Annexure-II/3

**(iv) Nagaland:**

- (a) POWERGRID updated the progress of packages as under:  
 Total no. of Packages: 14 No. of Awarded Packages: 2

Sl. No	No. of Packages	Description	Remarks
1.	5 (TW-01 to TW-05)	Transmission Lines	1 <sup>st</sup> Bids opened on 3 <sup>rd</sup> April'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 2 packages: 1 <sup>st</sup> Bids to be opened 15 <sup>th</sup> May'17
4.	1 (Telecom Equip.)	Telecom Equipment	NIT to be issued in May'17

- (b) POWERGRID informed that works have commenced in all awarded packages and requested for handing over of land of sub-stations (EHV-2, DMS-02).

The details of packages are given at Annexure-II/4

**(v) Mizoram:**

- (a) POWERGRID updated the progress of packages as under:

Total no. of Packages: 3

No. of Awarded Packages: Nil

Sl. No	No. of Packages	Description	Remarks
1.	1 (TW-01 )	Transmission Lines	1 <sup>st</sup> Bid opened on 3 <sup>rd</sup> April'17. Bids are under evaluation.
2.	2 (SS-01, SS-02)	Sub-stations	1 <sup>st</sup> Bids opened on 3 <sup>rd</sup> April'17. Bids are under evaluation.
3.		Distribution system	Included in SS-02

The details of packages are given at Annexure-II/5

**(vi) Manipur:**

- (a) POWERGRID updated the progress of packages as under:

Total no. of Packages: 10

No. of Awarded Packages: 4

Sl. No	No. of Packages	Description	Remarks
1.	3 (TW-01 to TW-03)	Transmission Lines	1 <sup>st</sup> Bids opened on 24 <sup>th</sup> Apr'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

- (b) POWERGRID informed that works have commenced in all awarded packages.

The details of packages are given at Annexure-II/6

**B. Comprehensive T&D Scheme:**

**(i) ARUNACHAL PRADESH :**

- (a) POWERGRID informed that out of 39 packages, 4 sub-station, 1 tower & 5 DMS packages have been awarded.

**Reasons for the poor response were as below:**

- a. Substation Lands were not acquired and as such there were lot of uncertainties in the bids.
- b. Most of the works are in difficult terrain and disturbed law & order in few districts, due to which main agencies were reluctant to participate.
- c. Local agencies were having capacity to executing small works in nature and they were not able to participate.

**In order to address the issue, the following steps were taken:**

- Meeting of the potential vendors done in the form of Vendors Meet and Pre-bid Conferences the state.
- Some Packages have been broken down to make smaller packages and QR has been relaxed to increase the participation of the locals.
- Value of Earnest Money Deposit (EMD) reduced to half etc.

- (b) Land Status of 220 / 132 / 66 kV Sub-stations of Arunachal Pradesh

POWERGRID informed as on date only 23 sub-station lands have been handed over. The progress of work has been hampered largely due to delayed handing over of land.

- (c) Tax issues:

Arunachal Pradesh had earlier confirmed that they will waive state taxes, now they have intimated that they will reimburse the same. Meanwhile, all contracts have been awarded on tax waiver basis. This has led to contractual complications. The state may therefore be insisted for waiver of state taxes.

The details of packages are given at Annexure-II/7

**(ii) SIKKIM:**

- (a) POWERGRID informed that out of 12 packages, 4 sub-station, 3 tower packages have been awarded.

- (b) Land Status of 220 / 132 / 66 kV Sub-stations of Sikkim

POWERGRID informed as on date only 4 sub-station lands have been handed over. The progress of work has been hampered largely due to delayed handing over of land.

The details of packages are given at Annexure-II/8

**C. 220KV Srinagar- Leh Transmission system in J&K:**

- (a) POWERGRID informed that as on date, 67% foundation, 47% tower erection work & 33% stringing work have been completed in transmission line. Further, 80% civil works have been completed in Drass, Khalsti, Leh and work is to commence in Kargil sub-station in May'17 as land for the same was handed over in Dec'16.

- (b) POWEGRID requested for early resolution of following issues:

**Defence Clearance:**

- Zozilla Pass to Leh: Army has proposed requirement of Day & Night Visual Aids for the transmission lines for grant of NOC vide letter dated 11<sup>th</sup> April'17. POWERGRID compliance is being communicated shortly.
- Srinagar- Zozilla pass: Army has requested relocation of towers at Gund & Nilgrar helipads. POWERGRID has taken up the matter with Army. The area is presently covered with heavy snow and Army has done aerial survey. Further comments from Army are awaited.

#### **Forest Clearance:**

- Proposal is with PCCF, Srinagar, to be placed in State Advisory Group meeting expected in May'17 (107 locations i.e. Ganderbal Division (99 locations), Kargil (8 locations) & Leh Division (0 location)).

#### **Right of Way:**

- Work held up in 138 locations (56 locations in Ganderbal area near Srinagar, 25 locations in Kargil area & 57 locations in Leh area).
- The tower footing land is to be acquired as per Law of J&K. Public Negotiation Committees (PNC) are formed by respective DCs for negotiation of rates with the land owners. The rates finalized by PNCs are not accepted by many land owners and therefore they are not allowing to any construction activity.
- In number of areas like Kharbu village, Sonmarg, public are demanding diversion of line.

#### **Fund:**

- Request has been submitted to Ministry of Power to release the additional fund from the contribution of Govt. of India towards project implementation.
- Demand of Rs. 721.41 Crores and Rs. 98.59 Crores has been raised by POWERGRID on 13th April, 2017. Fund allocation is awaited.

**List of packages under NERPSIP:****ASSAM:****1. ASSAM SS – 01 : (NECCON)**

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

**2. ASSAM SS – 02 : (NECCON)**

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

**3. ASSAM SS – 03 : (NECCON)**

- i. 132/33 kV Tangla S/S
- ii. 132/33 kV Hazo S/S
- iii. 132/33 kV Kahilipara S/S Extn
- iv. 132/33 kV 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

**16. Assam-P-01**

Pile package for Assam

**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 Rajbala 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 Tikrikila-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

**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 & Refferal 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. Lungsens – 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-01:**

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

**3. MIZ-SS-02:**

## A)EHV S/S

- (i). 132/33kV W.Phaileng (New )S/S
- ii). 132/33kV Marpara S/S (New)S/S

## B) EHV T/L

(i)132 kV S/C on D/C TOWER -W.PHAILENG-MARPARA -59 kms line length Total OPGW Length=59 kms. Offline installation

(C) Distribution work in Mizoram State

**MANIPUR:****1 Manipur-DMS -01:**

- i. 07 nos. 33/11 kV New S/s at Pishum (GIS), Lamphel, Hiyangthang, Andro, Takyel, keithelmanbi, Top Khongangghong
- 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 Ukhrol (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

**List of packages under Comprehensive T&D Schemes****Arunachal Pradesh****1. 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

**2. 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

**3. 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.)

**4. Substation Package 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

**5. 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)

## **6. Arunachal Distribution Package ARP-DMS -03: (TATA)**

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

- i. 33 kV Bay addition at existing Bameng S/s & 33 kV existing Khuppi s/s
- ii. 33kV line from Existing 132/33kV Chimpu S/S to AP Secretariate:
- iii. 33kV line from Existing 132/33kV Chimpu S/S to Raj Bhawan: Route Survey including Pole Spotting completed on 11th Nov'16.
- iv. 33kV line from Existing 132/33kV Chimpu S/S to Gohpur Tinali:
- v. 33kV line from Proposed 33/11kV Jote S/S to Gohpur Tinali:
- vi. 33kV line from Proposed 132/33kV Naharlagun S/S to Pappu Nallah:
- vii. 33kV line from Proposed 132/33kV Naharlagun S/S to Doimukh:
- viii. 33kV line from Existing 33/11kV Sagalee S/S to to Leporiang: Survey verified by PGCIL, Nirjuli. Profile to be submitted.
- ix. 33kV line from 132kV Tawang S/s (Under Construction) to Klimtao (Bumla)
- x. 33kV line from Existing 33/11kV Jang S/S to Mukta
- xi. 33kV line from Existing 33/11kV Jang S/S to Thimbu

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

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

- i. 33 kV Bay addition 220/132/33 kV existing Deomali s/s
- ii. 33kV line from Proposed 132/33 kV Miao S/s to Diyun (15 Kms)
- iii. 33kV line from 132/33 kV Namsai S/s of POWERGRID to Diyun (30 Kms)
- iv. 33kV line from Proposed 132/33 kV Miao S/s to Kharsang (40 Kms)
- v. 33kV line from Proposed 132/33 kV Changlang S/s to Khimiyong (40 Kms)
- vi. 33kV line from Proposed 132/33 kV Jairam Pur S/s to Manmao (25 Kms)
- vii. 33kV line from 132/33 kV Namsai S/s of POWERGRID to Choukham (25 Kms)
- viii. 33kV line from 132/33 kV Namsai S/s of POWERGRID to Namsai (10 Kms)
- ix. 33kV line from Existing 220/132/33 kV Deomali s/s to Kanubari (50 Kms)
- x. 33kV line from Proposed 132/33 kV Khonsa S/s to Longding (45 Kms)

## **8. ARP-DMS -01A:**

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

## **9. ARP-DMS -01B:**

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



**10.TW-01:**

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

**11.TW-02:**

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

**12.TW-06:**

- i. 132kV S/C on D/C Tower Rilo – Seijosa

**13.TW-09:**

- i. 132kV S/C on D/C Tower Naharlagun - Banderdewa
- ii. 132kV S/C on D/C Tower Chimpu(Itanagar)- Holongi

**14.TW-10:**

- i. 132kV S/C on D/C Tower Rilo – Sagali

**15. 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

**16. 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. 132kV Along Extn. Substation

**17.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/stn.
- iii. 08 nos. 33kV lines (273 Kms)

**18.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)

**19. 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)

**20. TW-03:**

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

**21. TW-04:**

- i. 132kV S/C on D/C Tower Khupi – Seppa

**22. TW-05:**

- i. 132kV S/C on D/C Tower Seppa-Rilo

**23. TW-07:**

- i. 132kV S/C on D/C Tower Seppa – Bameng

**24. TW-08**

- i. 132kV S/C on D/C Tower Sagali-Naharlagun

**25. TW-11:**

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

**26. TW-12: (including pile)**

- i. 132kV S/C on D/C Tower Naharlagun - Gerukamukh

**27. 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)

**28. TW-14:**

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

**29. TW-15:**

- i. 132kV S/C Deomali- Khonsa

**30. TW-16:**

- i. 132kV S/C Khonsa – Changlang

**31. TW-17:**

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

**32.TW-18:**

- i. 132kV S/C Changlang – Jairampur

**33.TW-19:**

- i. 132kV S/C Jairampur – Maio

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

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

**35.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

**36.TW-22:**

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

**37.TW-23:**

- i. 132kV S/C on D/C Tower Tawang – Lumla

**38.TW-24**

- i. OPGW supply

**39.TW-25:**

- i. OPGW erection

**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 – sichay TL
- xi. 66 kV S/C Parbing - Tadong TL
- xii. 66 kV D/C Parbing – Pangthang TL  
220 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 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

**5. 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

**6. 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.)

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

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

**8. 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.

**9. 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.)

**10. 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

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

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

**12. 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.)



## List of addressees

POWERGRID	Sh T C Sarmah Executive Director(BDD) Powergrid Corporation of India Ltd., SAUDAMINI, Plot No.2, Sector-29, Gurgaon, Haryana 0124 2571700-719(T) 0124 2571760/2571945(F) <a href="mailto:tcsarmah@powergridindia.com">tcsarmah@powergridindia.com</a> <a href="mailto:supratimdas@powergridindia.com">supratimdas@powergridindia.com</a>	Sh. I S Jha, Chairman & Managing Director, Powergrid Corporation of India Ltd., SAUDAMINI, Plot No.2, Sector-29, Gurgaon, Haryana. 0124 2571700-719(T) 01242571760/2571945/25719 32(F) <a href="mailto:isjha@powergridindia.com">isjha@powergridindia.com</a> <a href="mailto:cmd@powergridindia.com">cmd@powergridindia.com</a>
Jammu & Kashmir Power Development Department (JKPDD)	Development Commissioner (Power), JKPDD, Lottery Building, Behind Civil Secretariat, Srinagar, Jammu & Kashmir Sh. Gulaiz (CE): 9419005907 Sh Nasir 9419080454	Ph: 0194-2479836 0194- 2452173 Fax No: 0194-2452173  Email: dcpjkpdd@yahoo.com
Arunachal Pradesh (Dept of Power)	Sh. Anong Perme Chief Engineer (Tr. Plg. & Monitoring), Department of Power, Vidyt Bhawan, Tinali, Itanagar – 791111 09436040297 Ph. 0360-2217301 Fax : 0360-2217301/2	Commissioner (Power), Dept of Power, Govt of Arunachal Pradesh, Itanagar-791111, 0360212595(T), 03602127446(F)
Assam(AEGCL)	Sh. A K Das, Director AEGCL (Assam Electrical Grid Corporation Ltd., Bijulee Bhawan, Paltan Bazar, Guwahati. (M) 09435346055 Sh HM Sharma, RE (09810566869) Sh K Sharma, DGM (09435013532) Sh. SK Ghose, DGM (09435111477) Ph. No. 0361-2739520 Fax No. 0361-2739513	Managing Director, Assam Electrical Grid Corporation Ltd., Bijulee Bhawan, 1 <sup>st</sup> Floor, Paltan Bazar, Guwahati-781001. Ph. No. 0361-2739520, Fax No. 0361-2739513
Meghalaya(MePTCL)	Shri C Kharkrang Director(Trans) Meghalaya Energy Corporation Ltd. Lum Jingsai, Short round road, Shillong, Pin 793001 Sh. MK Chetri, SE (09436146542) <a href="mailto:directormetcl@gmail.com">directormetcl@gmail.com</a> 0364-2590422(F), 0364-2592022(T)	Shri P B O Warjri, Chairman & Managing Director, Meghalaya Energy Corporation Ltd., Lum Jingshai, Short Round Raod, Shillong, Pin-793001. Ph. 0364-2590367.Fax No : 0364-2590355
Mizoram (P&E Dept)	Sh Lalramliana Chief Engineer (RE) Power & Electricity Dept, Govt of Mizoram, Aizwal-796001 09436146027 <a href="mailto:cerggymizoram@gmail.com">cerggymizoram@gmail.com</a> Sh. Vuimavia, SE (0389-2334227) 0389325635(T), 0389322776(F)	Commissioner (Power), Power & Electricity Dept, Govt of Mizoram, Aizwal-796000, Mizoram 0389325635(T), 0389322776(F)

Tripura	Sh M K Chowdhury Director(T) Tripura State Electricity Corpn Ltd Vidyut Bhawan, Agartala – 799001 Sh. R Deb Barman, Addl. GM (09436122643) 0381-2351579, spiu.tripura@gmail.com 0381 2323286(T), 0381 2323286(F)	Shri S K Ray, Chairman & Managing Director, TSECL, Bidyut Bhavan, Banamalipur, Agartala, Tripura. Ph. 0381-2228001. Fax No : 0381-2319427
Manipur (Elect. Dept)	Shri N G Sarat Singh Executive Director(T) Electricity Department, Govt of Manipur, Imphal-795001 09436020929 ngsaratsingh@rediffmail.com 0385 2222629/2450702/2220143(F)	Commissioner (Power), Electricity Department, Govt of Manipur, Imphal-795001 0382222629(F)
Nagaland(Dept of Power)	Shri K Miachio Chief Engineer, Dept. of Power, Govt of Nagaland, Kohima-797001 09436000098, 0370-2240178 cepower1@gmail.com 03702270110(T), 03702290470(F)	Commissioner(Power) Department of Power, Govt of Nagaland, Kohima- 797001 03702270110(T), 03702290470(F)
Sikkim (Energy & Power Dept)	Shri Sanjay P Kazi Chief Engineer, Department of Power, Govt of Sikkim Gangtok, Sikkim 09434169660 acepowersikkim@gmail.com	Shri N T Bhutia Secretary(Power) Govt of Sikkim Gangtok 737101, 03592-202244,03592- 202908(T)