

Status of 400kV Transmission Schemes as on 31.05.2013.

1.0 Short Gestation Power Transmission Scheme -II :

1.1 Narsaraopet (Sattenapalli) 400kV Substation (Nov'2013): The Contract was terminated on 27.08.2012 and new tenders are called for and Contract was awarded on 30.11.2012. 540 Nos. out of 586 Nos. foundations completed. 2 Nos. transformer foundations are completed. Construction of control room, compound wall, and DG building is under progress. 111 Nos. out of 670 Nos. structure erection completed.

1.2 Narsaraopet Connected Lines:

1.2.1 Purushottapatnam (Nunna) to (Jujjuru) line (56 kM) (Dec'2013): Purchase order issued on 11.03.2011. . The contract was cancelled. New Tenders were called and Purchase order issued on 29.04.2013. 89 Nos. out of 165 Nos. foundations and 20 Nos. Tower erection are completed

1.2.2 Jujjuru to Sattenapalli and LILO of VTS - SSLM line (67kM) (July'2013): Purchase order issued on 09.03.2011. 172 Nos. out of 178 Nos. foundations are completed. 167 Nos. out of 178 Nos. Tower erections are completed. 59.051 kM out of 67 kM stringing completed.

2.0 400kV Ring Main Transmission Scheme:

2.1 Shankarapally (Yeddumailaram) 400/220kV Sub-Station: The substation was charged on 18.11.2012 with 1 No. 315 MVA PTR. 2nd and 3rd 315 MVA PTRs are charged on 06.03.2013.

2.2 Gajwel – Shankarapally (Yeddumailaram) 400KV DC Line (105 kM)(Nov'2012):

The line was charged on 17.11.2012.

2.3 For LILO of Srisailam-Mamidipally 400kVDC Line to the proposed 400kV Shankarapally(Yeddumailaram) Substation :

a) Yedduailaram to Edulapally (LOC 109) (41.172 kM): Purchase order issued on 04.03.2011. 115 Nos. out of 115 Nos. foundations are completed. 72 Nos. out of 115 Nos. tower erection completed.

b) Edulapally (LOC109 to LILO point of SSLM - HYD Line (LOC341.)(37.219kM): Purchase order issued on 04.03.2011. 103 No. out of 106 Nos. foundations and 44 Nos. Tower erection is completed.

2.4 2 Nos. 400kV Bay Extensions at Gajwel Substation: Commissioned on 28.09.2012.

3.0 Vijayawada Power Transmission Scheme :

3.1 (a) VTPS – Malkaram 400kV Line:

The circuit –I of the line is commissioned on 13.02.2013.

The circuit –II of the line is commissioned on 1.04.2013.

(b) 400kV Bay Extensions at Malkaram Substation and Augmentation of 1 No. 315 MVA PTR at Malkaram 400kV SS :

400KV Bays were charged on 04.01.2013

3rd 315MVA Transformer was charged on 16.02.2013.

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4.0 Bhoopalapally Power Transmission Scheme :

4.1 Bhoopalapally – Gajwel 400kV DC Line (131.166 kM) (June ’2013):

Works awarded on 20.08.2010. Foundation, Erection, Stringing works are completed. OPGW stringing is completed and splicing works under progress. Statutory inspection and other balance works like Anti climbing devices jumpering, earthing, plates fixing are in progress.

4.2 2 Nos. 400kV Bay Extensions at Gajwel Substation: Commissioned on 28.09.2012.

5.0 Reactors Scheme:

Name of the Substation	Actual Dates of charging
Kalpaka	Bus reactor charged on 24.04.2012.
Mamidipally	Line reactor charged on 09.05.2012.
Kurnool	Bus reactor charged on 22.08.2012.

6.0 Krishnapatnam Power Transmission Scheme:

6.1 Krishnapatnam TPS – Nellore Quad D/C Line (36 kM) (Nov’2012):

The line was charged on 23.11.2012.

6.2 Krishnapatnam TPP - Bonapally 400kV Quad D/C Line (89.921 kM) & Bonapally -Chittoor 400kV Quad (97.808 kM) D/C Line (Aug’2013) :

Purchase orders issued on 28.07.2011.

209 Nos. out of 272 Nos. foundations and 138 Nos. out of 272 Nos. tower erections are completed in Krishnapatnam TPP - Bonapally 400kV Quad D/C Line.

259 Nos. out of 281 Nos. foundations ,145 Nos. Tower Erection and 9.74 kM out of 97.808 km Stringing are completed for Bonapally – Chittoor 400kV Quad DC Line.

6.3 400kV Quad Bay Extensions at Chittoor and Nellore Substations: Purchase order issued on 11.10.2011.

At Nellore 400kV SS: The bay extensions were charged on 05.11.2012.

At Chittoor 400kV SS: Land acquired Foundation and leveling works are under progress.

7.0 Rayalaseema Power Transmission Scheme:

Estimates are to be received from the field for evacuation of power from RTPP(Stage-IV) to Chittoor 400kV Twin moose DC line.

8.0 Evacuation of Wind Power in Kadapa, Anantapur and Kurnool districts of Andhra Pradesh:

8.1 400kV Uravakonda Substation(2x315 MVA):

LOI is issued on 23.03.2013.

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8.2 400kV Jammalamadugu (Kondapuram) Substation (2x315 MVA):

LOI is issued to M/s. Techno Electric Electrical and Engineering Company Limited on 22.03.2013.

9.0 Evacuation of power from HNPCL (1040 MW) power plant and Associated Transmission network for HNPCL under system improvement:

9.1 Kamavarapukota 400kV Substation (2x315 MVA):

LOI is issued on 26.03.2013.

9.2 Suryapet 400/220/132kV Substation:

LOI is issued on 17.04.2013.

9.3 400kV Quad DC line from Suryapet 400kV SS to Shankarapally 400kV SS:

9.3.1 400kV Quad DC line from Suryapet 400kV SS to Nandiwanaparathi (120 kM):

9.3.2 400kV Quad DC line from Nandiwanaparathi to Shankarapally 400kV SS (120 kM):

Tenders are opened on 14.05.2013. Evaluation under progress.

9.4 400kV Twin Moose DC line from M/s.HNPCL's switchyard to the proposed 400kV Kamavarapukota (KVKota)SS:

Tenders are uploaded on e-procurement platform on 26.04.2013 in 3 packages and are due for opening on 04.06.2013, 05.06.2013 and 11.06.2013 respectively.

9.5. 400kV Quad Moose DC line from proposed 400kV Kamavarapukota (KVKota) SS to the proposed 400kV Suryapet SS:

9.5.1: Quad DC line from Kamavarapukota to Chinna Korukondi (106 kM):

PQ Bids opened on 7.5.2013. Evaluation under progress.

9.5.2: Chinna Korukondi to 400kV proposed Suryapet SS (106 kM):

PQ Bids opened on 7.5.2013. Evaluation under progress.

9.6. 400kV Twin Moose DC line from 400kV Vemagiri SS to the proposed 400kV KamavarapuKota SS:

Estimates are received.

10.0 400kV Augmentation Scheme-II:

10.1 Augmentation of 315 MVA PTR at Mamidipally 400kV Substation:

Work awarded on 15.02.2013 for erection of transformer bay at Mamidipally Substation. Civil works are under progress. Engineering works are under progress.Foundation works are commenced.

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11.0 Reactor Scheme-II:

Work awarded on 15.02.2013 for erection of 80 MVAR Bus Reactor bay at Vemagiri 400/220 kV Substation. Civil works are under progress. Engineering works are under progress.

12.0 400kV Augmentation Scheme-III:

Augmentation of 315 MVA PTR at Kalpala 400kV Substation Work was awarded on 01.08.2012. 65/67 Nos. equipment foundations are completed. Cable trench, railway track works are under progress.

13.0 Jaipur Power Transmission Scheme.

13.1 400KV Quad DC line from Jaipur TPP to Rangampet (AP 58/0)(May'2015): work awarded on 06.03.2013. 19 Nos. out of 214 Nos. foundations completed.

13.2 400KV Quad DC line from Rangampet (AP58/0) to Gajwel 400KV SS (May'2015) :work awarded on 06.03.2013. 21 No.out of 244 Nos. foundations completed.

13.3 2 Nos. 400KV Quad feeder bays, 2 Nos. 400kV feeder bays and 1 No. 315 MVA Transformer bay at Gajwel 400KV SS.:

Price bids are opened on 16.05.2013. Tender analysis

14.0. Indira Sagar Rudramakota Lift Irrigation Scheme:

14.1 400kV Asupaka Substation:

Tenders are yet to be called for.

14.2 400kV DC Line from LILO point of Vizag Khammam to Asupaka 400kV SS:

Work awarded on 18.05.2013. Engineering under progress.