

Status of 400kV Transmission Schemes approved by APERC as on 30.09.2012.

1.0 Short Gestation Power Transmission Scheme -II :

Narsaraopet(Sattenapalli) 400kV Substation : The Contract was terminated on 27.08.2012 and new tenders are called for.

Narsaraopet Connected Lines:

Purushottapatnam (Nunna) to (Jujjuru) line (56 kM)(March'2013): Purchase order issued on 11.03.2011. 65 Nos. out of 165 Nos. foundations and 18 Nos. Tower erection are completed.

Jujjuru to Sattenapalli and LILO of VTS - SSLM line (67kM) (March'2013): Purchase order issued on 09.03.2011. 169 Nos. out of 178 Nos. foundations are completed. 156 Nos. out of 178 Nos. Tower erections are completed. 17 kM out of 67 kM stringing completed.

2.0 400kV Ring Main Transmission Scheme:

2.1 Yeddumailaram 400/220kV Sub-Station (Oct'2012):

Purchase order issued on 20.08.2010. All 543 Nos. foundations, all 644 Nos. structure erection and all 241 Nos. equipment erection completed. Erection of the 315 MVA PTRs is under progress.

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

For Yeddumailaram – Gajwel 400kV DC Line (105 kM), Purchase order issued on 03.12.2010. All 295 Nos. foundations completed and 292 Nos. out of 295 Nos. tower erections are completed. 104 kM out of 105 kM stringing is completed.

2.3 For LILO of Srisailam-Mamidipally 400kVDC Line to the proposed 400kV Yeddumailaram Substation (April'2013):

a) Yeddumailaram to Edulapally (LOC 109) (41.172 kM): Purchase order issued on 04.03.2011. 88 Nos. out of 114 Nos. foundations are completed. 43 Nos. out of 114 Nos. tower erection completed.

b) Edulapally(LOC109 to LILO point of SSLM - HYD Line(LOC341.)(37.219kM) :Purchase order issued on 04.03.2011. 78 No. out of 105 Nos. foundations and 35 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 VTPS – Malkaram 400kV Line:

a) VTPS – Suryapet (Khammam road) 400 kV D/C Line, 112.141 kM (Nov'2012):

The work was awarded on 09.12.2009. All 316 Nos. foundations completed. 311 Nos. out of 316 Nos. towers erection completed. 85.951 kM out of 112.141 kM stringing is completed.

b) Malkaram - Narsapur 400kV DC line, 74.041 kM (Oct'2012):

P.O.issued on 21.05.2010. All 209 Nos. Foundations are completed. 206 Nos. out of 209 Nos. tower erection completed. 66.765 kM out of 74.041 kM stringing is completed.

c) Narsapur- Suryaet 400kV D/C Line, 74.743 kM (Oct'2012):

P.O.issued on 21.05.2010. 198 No. out of 199 Nos. foundations are completed. 195 Nos. Tower erections are completed. 58.112 kM out of 74.743 kM stringing completed.

d) 400kV Bay Extensions at Malkaram Substation and Augmentation of 1 No. 315 MVA PTR at Malkaram 400kV SS (Oct'2012):

LOI issued on 4.11.2011. All 108 Nos. foundations and tower erection is completed and 53 Nos. out of 60 Nos. equipment erection is completed.

::2:

4.0 Bhoopalapally Power Transmission Scheme :

4.1 Bhoopalapally – Gajwel 400kV DC Line (131.166 kM) (Jan'2013):

Works awarded on 20.08.2010. Check survey under progress. 347 Nos. out of 363 Nos. foundations, 335 Nos. tower erections are completed. 104.0 kM out of 131.166 kM stringing completed.

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) (Oct'2012):

Purchase order issued on 26.02.2011. All 112 Nos. foundations completed. 111 Nos. out of 112 Nos. tower erection and 28 kM out of 36 kM stringing are completed.

6.2 Krishnapatnam TPP - Bonapally 400kV Quad D/C Line (86.41 kM)

& Bonapally -Chittoor 400kV Quad (99.692 kM) D/C Line (May'2013) :

Purchase orders issued on 28.07.2011.

135 Nos. out of 265 Nos. foundations and 45 Nos. out of 265 Nos. tower erections are completed in Krishnapatnam TPP - Bonapally 400kV Quad D/C Line.

180 Nos. out of 283 Nos. foundations and 92 Nos. Tower Erection 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. All the works at Nellore 400kV Substation are completed and works at Chittoor are yet to commence. Land acquisition at Chittoor in under progress.