

## Status of 220&132KV Transmission Schemes approved by APERC

- 1.0 Warangal Zone Power Transmission Schemes as on 17.12.2011**
- 2.0 220KV DC line from Ogalapur to Jammikunta(60Ckm)(June'2012)**  
P.O issued on 15.02.2010 to M/s Sujana Towers.92 Nos out of 96 Nos foundations completed.60Nos out of 96Nos structure erections completed.
- 2.1 220 KV DC line from Durshed to Jammikunta (82Ckm)(June'2012)**  
P.O issued on 19.01.2010 to M/s .Coastal Projects.128Nos out of 142 Nos foundations completed. 75Nos out of 142Nos Tower erections completed.
- 3.0 132KV Mulkanoor SS(Jan'2012)(1x16+1x31.5 MVA)**  
P.O issued on 11.03.2010 to M/s Coastal Projects. 94Nos out of 96Nos foundations completed.126Nos out of 126 Nos structure erections completed. And 31Nos out of 109Nos equipment erections completed.
- 3.1 132KV LILO to Mulkanoor from Husnabad-Huzurabad(21.2Ckm)(Jan'2012)**  
P.O issued on 11.03.2010 to M/s Coastal Projects. All works completed.
- 4.0 132KV Gangaram SS (Jan'2012)(1x31.5+1x16 MVA)**  
P.O issued on 25.04.2008 to M/s Adithya Transmission Ltd. All foundations,structure erection completed and 91 Nos out of 94Nos equipment erection completed.
- 4.1 132KV DC/SC line from Aswaraopet to proposed Gangaram SS (31.338 Ckm)(Dec'2011).**  
P.O issued on 25.04.2008 to M/s Adithya Transmission Ltd. All works completed.
- 5.0 132/33KV Kalwasrirampur SS(Dec'2011)(2x16 MVA)**  
P.O issued on 29.10.2010 to Hyderabad Power Installation Pvt Ltd.  
All foundations, structure erections and equipment erections completed. Control metal spreading, painting of control room cable laying & termination is under progress.
- 5.1 132KV LILO to proposed Kalwasrirampur SS from 132KV RTS -B station to 220KV Warangal SS (Dec'2011) (5Ckm)**  
P.O issued on 29.10.2010 to Hyderabad Power Installation Pvt Ltd.  
All works completed.
- 5.2 2<sup>nd</sup> Circuit stringing on 220KV Budidampadu-Miryalaguda line (99.09Ckm)(Dec'2011).**  
P.O issued on 18.06.09 to M/s Laxmi Transmission.  
All works completed. Statutory inspection remarks are being attended
- 6.0 132/33KV Khanapur SS(Aug'2012)(1x16MVA)**  
P.O issued on 31.12.2010 to M/s Aster Teleservices Pvt Ltd, Hyd.  
68Nos out of 76 Nos foundations completed and 62Nos out of 123Nos structure erections completed.
- 6.1 132KV DC/SC line from 220KV Nirmal SS to proposed 132KV Khanapur SS (32Ckm)(Aug'2012)**  
P.O issued on 31.12.2010 to M/s Aster Tele services Pvt Ltd, Hyd.  
19Nos out of 107Nos tower foundations completed.

- 7.0 132KV SS at Thallada(1x16+1X31.5MVA)(Aug'2012)**  
P.O issued on 29.03.2011 to M/s Abhi Transmissions Pvt Ltd.  
Levelling works completed. Retaining wall construction under progress. Control room excavation is under progress
- 7.1 132KV LILO from Budidampadu-Penuballi to proposed Thallada SS(Aug'2012)(8.086Ckm)**  
P.O issued on 29.03.2011 to M/s Abhi Transmissions Pvt Ltd.  
10Nos out of 16Nos foundations completed.
- 7.2 2<sup>nd</sup> ckt stringing from Penuballi to Budidampadu(Aug '2012)(57Ckm)**  
P.O issued on 29.03.2011 to M/s Abhi Transmissions Pvt Ltd. Tower schedule handed over on 11.04.2011. Works to be commenced
- 8.0 132KV SS at Madhole(2x16MVA)(Dec'2012)**  
P.O issued on 14.09.2011 to M/s. Laxmi Transmissions. Site handed over on 0.11.2011. Civil works are under progress. Leveling works are under progress
- 8.1 132KV LILO line from existing 132KV Nirmal-Bhainsa to proposed 132KV Madhole SS(26.6Ckm)(Apr'2012)**  
P.O issued on 14.09.2011 to M/s. Laxmi Transmissions. Check survey completed. Excavation is under progress at Loc No.22
- 8.0 Metro Zone Power Transmission Schemes as on 04.12.2011**
- 9.0 132/33KV SS at Mamidipally(1x16+1x31.5 MVA)**  
P.O issued on 31.12.2008 to M/s Amrutha Constructions.  
All works completed, except Power Transformers to be erected. Connected line works are under progress.
- 10.0 Laying of DC XLPE cable from 220KV Chandrayanagutta to proposed 220KV GIS SS at Imlibun(18.60Ckm)(Feb'2012)**  
P.O issued to M/s. Indu projects on 19.09.2009.  
14.426Ckm out of 18.6Ckm laying of XLPE cable completed.
- 10.1 Laying of SC XLPE cable from proposed 132KV GIS SS Balkampet to proposed 132KV GIS SS Patigadda(4.956Ckm)(Feb'2012).**  
P.O issued to M/s. Indu projects on 17.09.2009.  
3.025Ckm out of 4.956Ckm laying of XLPE cable completed.
- 10.2 Laying of DC XLPE cable from proposed 132//33 KV GIS SS Patigadda to 132KV GIS SS Hussainsagar(5.663 Ckm)**  
P.O amendment is issued to M/s. Indu projects. Route approval accorded on 20.10.2011. Survey to be taken up
- 10.3 Laying of 220KV DC XLPE UG cable from 400/220KV SS Malkaram SS to proposed 220KV SS at Gunrock(Conventional SS)(32.10Ckm)(Jan'2012).**  
P.O issued to M/s. Indu projects on 17.09.2009.  
Cable laying completed. Outer end terminations for cable at both ends under progress

- 10.4 Laying of 132KV SC UG cable from 220/132KV GIS SS Osmania University to 132KV GIS SS Chilakalaguda (Osmania University)(4.25Ckm).**  
P.O issued to M/s. Indu projects on 17.09.2009.  
Permission awaited from GHMC & Railways to take up the work.
- 10.5 Laying of 132KV SC XLPE cable from 220KV GIS SS Erragadda to proposed 132KV GIS SS Balkampet(4.002Ckm)(Apr'2012).**  
P.O. issued to M/s. Indu projects on 17.09.2009.  
2.69Ckm out of 4.002Ckm laying of XLPE cable completed.
- 11.0 220/132KV GIS SS Eraagadda(June'2012)(2x160 MVA)**  
Work awarded to M/s.Vijaya Electricals. Site handed over on 16.07.2010  
Module room columns raising 5.45Mtrs level completed. Columns raising 9.5Mtrs level under progress. Control room 1<sup>st</sup> floor slab centering completed. Bar bending under progress.
- 12.0 Erection of 132/33KV GIS SS at Balkampet(June'2012)(2x80MVA)**  
P.O issued on 16.11.2010 to M/s Amrutha Constructions.  
Control room first floor slab centering works are under progress
- 13.0 Erection of 132/33KV GIS SS at Fever Hospital (June'2012)(2x80MVA)**  
P.O issued on 16.11.2010 to M/s Amrutha Constructions.  
Revised layout handed over on 25.04.2011.  
Earth mat completed. Plinth beam of 132KV & 33KV Module room are completed.
- 14.0 Laying of 220KV XLPE cable lines from Erragadda SS to LILO point of Gachibowli Shapur Nagar OH line.(19.20Ckm)(June'2012)**  
P.O issued on 05.10.2009 to M/s.Vijaya Electricals.  
12.226Ckm out of 19.20Ckm cable laid.
- 15.0 Laying of 220KV XLPE cable lines from 220KV SS Osmania University to 220/132KV GIS SS Moulali.(18.20Ckm) (Apr'2012).**  
P.O issued on 05.10.2009 to M/s Vijaya Electricals,Hyd.  
15.018Ckm out of 18.20Ckm cable laid.
- 16.0 220/132KV GIS SS at Imlibun(2x160MVA)(June'2012)**  
P.O issued on 16.12.2010 to M/s Axis Structural Pvt Ltd.  
Module room retaining wall completed. Centering work cellar slab under progress.  
Control room columns completed up to zero level.
- 17.0 220KV SS at Gunrock(2x160MVA) (Feb'2012)**  
P.O issued on 29.12.2010 to M/s Axis Structural Pvt Ltd.  
All foundations, structure erections completed and 31/97 equipment erections completed.
- 18.0 220/132KV GIS SS at Osmania University (Chilakalaguda)(2x160MVA)(June'2012)**  
P.O issued on 05.10.2009 to M/s Vijay Electricals.  
220KV GIS modules supplied Cellar slab for module room completed. Cellar slab of control room laid on 08.10.2011. Control room 1<sup>st</sup> floor slab laid on 26.11.2011.All corbels concreting completed.1No transformer plinth concreting completed.

- 19.0 132/33KV GIS SS at Narayanaguda(1x16+1x31.5MVA)(Mar'2013)**  
P.O issued on 30.11.2010 to M/s Axis Structural Pvt Ltd. Site handed over on 19.01.2011  
Site leveling completed. Structural drawings approval is to be given  
Cellar excavation is under progress. PCC for footings are under progress
- 20.0 220/132KV SS at Fab City(2x100+2x50MVA)(Dec'2012)**  
P.O issued to M/s.ABR Construction JV with M/s.Vinirmaa Projctcs Pvt .Ltd on 12.01.2011.Site handed over on 27.05.2011.  
Works commenced and contour levels taken. Bore well completed. Site clearing under progress
- 21.0 Providing of 33KV features at 132KV SS in the premises of M/s.Shravana Power Ltd(Dec'2011)(1x16MVA)**  
P.O issued on 22.12.2010 to M/s Vishwanath Projects Ltd. Site handed over on 13.12.2010.All works completed. Testing completed. Ready for commission.
- 22.0 2<sup>nd</sup> circuit LILO to 132KV Medchal SS from 220KV Medchal SS (2Ckm) or Bay works(Jan'2012)**  
P.O issued to M/s Viswanath Projects Ltd on 07.01.2011.  
Total works completed.
- 23.0 220KV DC line from 44/220KV Mamidipally SS to M/s K.S.K Photo Volataic Ltd near Fab City(Mar'2012)(12Ckm)**  
P.O issued on 07.06.2010 to M/s. K Ramachander Rao .  
28Nos out of 37Nos foundations completed.28Nos out of 37Nos structure erections completed.
- 24.0 220/33KV SS at Hayathnagar(2x50MVA)(June '2013)**  
P.O issued on 29.03.2011 to M/s. Chadalawada infra tech Ltd.  
Site handed over on 24.05.2011.Levelling of site completed. Excavation completed for foundations.
- 25.0 132/33KV GIS SS at Musarambagh(2x80MVA)(July '2013)**  
Civil works awarded to M/s. Bodapati Control Systems on 06.05.2011. Lay out handedover on 11.07.2011  
Supply order placed on M/s.ILJIN Co.Ltd. Structural drawings design is under progress. Site to be cleared by GHMC
- 26.0 LILO to Madhapur SS(1Ckm)(Jan'2012)**  
P.O issued on 16.11.2010 to M/s Gdrej Boyce & Manufacturing Co Ltd  
All works completed.
- 27.0 220/132/33KV SS at Manikonda (2x100+2x50)(Dec'2012)**  
P.O issued to M/s Sealwel Corporation Ltd. Works awarded. Approved layout handed over on 29.08.2011. Bore well work completed. Leveling under progress
- 27.1 220KV LILO to Manikonda from Mamidipally-Gachibowli line(6Ckm) (Oct'2012)**  
P.O issued to M/s Sealwel Corporation Ltd.Works awarded.Works to be commenced

- 28.0 132/33KV SS at LGM Pet(1X31.5+1X16)(Mar'2013)**  
P.O issued on 03.09.2011 to M/s Aster Tele services Ltd.Site cum Electrical layout handed over on 16.09.2011.  
Site clearing completed.
- 28.1 Erection of DC/SC line from 220/132KV SS Malkaram to proposed 132/33KV SS LGM pet (19.581Ckm) (Dec'2012)**  
P.O issued on 03.09.2011 to M/s Aster Tele services Ltd.  
Works awarded and approved profile handed over on 09.09.2011. Check survey under progress.
- 29.0 Erection of 220KV Gachibowli-Tandur LILO line to 400KV Yeddumailaram(20Ckm)(June'2012)**  
P.O issued on 27.07.2011 to M/s Deepak Galvanisation.  
15Nos out of 36Nos foundations completed. Works under progress
- 30.0 Erection of 132KV line to Mamidipally SS**  
P.O issued to M/s Aster Tele services Ltd. Works awarded and layout handed over on 01.08.2011. Works will be commenced on issue of investment approval of APERC.
- 31.0 Laying of 132KV XLPE UG cable from proposed 132KV GIS SS at Fever Hospital to proposed 132KV GIS at Narayanaguda(3Ckm)(Mar'2013)**  
P.O issued to M/s ILJIN Electric Co Ltd on 08.07.2011.  
Survey work to be taken up
- 32.0 Laying of 220KV XLPE DC UG Cable and overhead DC line from 220KV Ghanapur to 220/132/33KV Hayathnagar SS(9.5Ckm)**  
P.O issued to M/s ILJIN Electric Co.Ltd. Route approval accorded.  
Works to be commenced
- 33.0 132/33KV GIS SS at Miralam filter beds(PTO)(2x80MVA)(Mar'2013)**  
Civil works awarded to M/s Bodapati Control Systems Pvt Ltd.  
Supply of GIS modules awarded to M/s ILJIN.Co.Ltd  
Works to be commenced
- 34.0 Laying of 132KV Cable from 220KV Shivrampally SS to the proposed 132KV GIS at PTO(9Ckm)**  
Proposal deleted.
- 35.0 132KV GIS at Patigadda(2x80MVA)(Mar'2013)**  
Civil works awarded to M/s Bodapati Control Systems Pvt Ltd on 18.08.2011  
Supply of GIS modules awarded to M/s ILJIN.Co.Ltd  
Site cum electrical layout handed over to contractor on 08.11.2011. Works to be commenced
- 35.1 132KV SC Cable from 220KV Gunrock SS to the proposed 132KV GIS SS at Patigadda(7Ckm)**  
P.O issued to M/s.ILJIN.Co.Ltd on 08.07.2011.  
Survey work to be taken up.

- 36.0 LILO of 132KV Ghanapur-Imlibun line with XLPE UG Cable to Moosarambagh GIS SS(2Ckm)(Mar'2013)**  
P.O issued to M/s ILJIN Electrical Co.Ltd on 08.07.2011.Survey work to be taken up
- 36.1 132KV UG SC Cable form PTO to Imlibun**  
P.O issued to M/s ILJIN Electrical Co.Ltd on 08.07.2011.Survey work to be taken up
- 36.2 132KV XLPE UG SC Cable from OU to Fever Hospital**  
P.O issued to M/s ILJIN Electrical Co.Ltd on 08.07.2011.Survey work to be taken up
- 37.0 Rural Power Transmission Schemes on 17.12.2011**
- 38.0 220/132KV SS at Sadasivpet(June'2012)(2x100MVA)**  
Site handed over on 31.12.2008 to M/s N & N Enterprises, Hyd JV with M/s.Manu Power Equipment (P) Ltd,Hyd.  
132KV bus charged 220KV side, breaker foundation work under progress.
- 38.1 220KV LILO to 440KV Gajwel SS from Loc.No.104 of Malkaram Minipur DC line (80.6Ckm)(Jan'2012).**  
Site handed over on 30.05.2008 to M/s.Mytas Infra Ltd JV with M/s.Bhavani Electricals,Hyd  
All foundations completed 120Nos out of 122 Nos Tower erections completed. 45Ckm out of 80.6Ckm stringing completed.
- 39.0 220KV SS Jurala(Dec'2011)(2x100MVA).**  
Site handed over on 15.06.2009 to M/s.Standard Consultants Ltd JV with Dura Fabs. All works completed.
- 39.1 132KV LILO to Jurala from Gadwal-Makthal line (11.782Ckm)(Dec'2011)**  
P.O issued on 29.05.2010 to M/s. Annapurna Constructions & Transmissions Hyd.  
All foundations, structure erections completed and 7.7Ckm out of 11.782Ckm stringing completed.
- 40.0 132KV Guntipalli SS (Jan'2012)( 1x31.5+ 1x16MVA)**  
Site handed over on 18.11.2010 to M/s.Annapurna Constructions & Transmissions, Hyd. All foundations completed and 123Nos out of 126Nos structure erections completed. 25Nos out of 102Nos equipment erections completed.
- 40.1 132KV LILO to Guntipalli from Kalwakurthy -KM pally line(5.182Ckm)(Dec'2011)**  
Site handed over on 01.08.2010 to M/s.Annapurna Constructions & Transmissions, Hyd. All works completed,except stringing of 0.48Mtrs line
- 41.0 132KV SS at Amarchinta (1x31.5+1x16MVA)(June '2012)**  
P.O issued on 13.12.2010 to M/s Annapurna Constructions Transmissions, Hyd.  
57Nos out of 85Nos foundations completed. Control room slab laid

- 41.1 132KV DC/SC line from proposed 220/132KV Jurala Substation to the proposed 132/33KV Amarchinta SS(11Ckm)(June '2012)**  
P.O issued on 13.12.2010 to M/s Annapurna Constructions Transmissions, Hyd.  
27Nos out of 39Nos foundations completed.
- 42.0 132/33 KV SS at Thunki Bolaram(2x16MVA)(Jan'2012)**  
P.O issued on 26.11.2010 to M/s Amrutha Constructions, Hyd.  
All foundations, structure erections completed. 84Nos out of 91Nos equipment erections completed
- 42.1 132KV DC/SC line from 400/220/132KV Gajwel SS to proposed 132/33KV Thunki bolaram(26.5Ckm)( Jan'2012)**  
P.O issued on 26.11.2010 M/s Amrutha Constructions, Hyd  
All foundations completed and 83 Nos out of 89 Nos structure erections completed.6.05Ckm out of 26.5Ckm stringing completed.
- 43.0 132/33KV SS at Peddashnkarampet(1x31.5+1x16MVA)(Jan'2012)**  
P.O issued on 15.06.2010 to M/s.Amara Raja Power Systems.  
72 Nos out of 98Nos foundations completed.76Nos out of 134Nos structure erections completed Control room excavation works are under progress.
- 43.1 132KV LILO from 132KV Minpur-Narayankhed to proposed 132/33KV Peddashankarampeta SS(3Ckm)(Jan'2012)**  
P.O issued on 15.06.2010 to M/s.Amara Raja Power Systems.  
Check survey is completed
- 43.2 220KV DC line from 400KV Yeddumailaram to 220KV SS at Sadasivpet(80Ckm)(June '2012)**  
P.O issued on 22.12.2010 to M/s Lakshmi Transmissions.  
83Nos out of 118Nos foundations completed and 60Nos out of 118Nos structure erections completed
- 44.0 132/33KV SS at Atipamula(2x16MVA)(June '2012)**  
P.O issued on 06.01.2011 to M/s Vertex Engineers. Site handed over on 04.01.2011.  
Foundation, structure erections and 66Nos out of 81Nos Equipment erections completed. Compound wall and control room construction works are under progress.
- 44.1 132KV DC/SC line from Loc.No.30 of 132KV Narketpally-Shaligouraram to 132KV Atipamula SS to upto Loc.No. 30(12.5Ckm) (June'2012)**  
P.O issued on 06.01.2011 to M/s Vertex Engineers. Site handed over on 04.01.2011.  
15 Nos out of 51Nos foundations completed and 7Nos out of 51Nos tower erections completed.
- 45.0 132KV SS at Jadcherla (1x31.5+1x16MVA)(July'2012)**  
P.O issued on 09.03.2011 to M/s Scoltech Ltd.3Nos out of 105Nos foundations completed.

- 45.1 132KV LILO line from Boothpur-Balanagar SC line to proposed 132/33KV Jadcherla growth centre substation on 220KV Towers (16Ckm)(July'2012)**  
P.O issued on 09.03.2011 to M/s Scoltech Ltd. 2Nos out of 12Nos out of foundations completed
- 46.0 132/33 KV SS at Borapatla(1x31.5+1x16)(Dec'2012)**  
P.O issued on 20.08.2011 to Scaltech Automation Pvt Ltd JV with M/s Aravali Infra Power Pvt.Ltd Site cum Electrical layout and profile handed over on 20.07.2011.Site leveling under progress
- 46.1 132KV LILO line to Borapatla from Minpur-Gummadidala line(36Ckm)(Dec'2012)**  
P.O issued on 20.08.2011 to Scaltech Automation Pvt Ltd JV with M/s Aravali Infra Power Pvt.Ltd Works to be commenced
- 47.0 132KV LILO line to Jurala for Gadwal-Makthal Ckt-2(17Ckm)**  
P.O issued on 18.08.2011 to M/s Scaltech Automation Pvt Ltd.Works to be commenced
- 48.0 220KV Switching station at Thimmajipet**  
P.O issued on 25.08.2011. Works will be commenced on issue of investment approval of APERC
- 48.1 220KV DC line from 400KV Veltor ss to the proposed 220KV Switching Station at Thimmajipet(90Ckm)**  
P.O issued on 25.08.2011. Works will be commenced on issue of investment approval of APERC
- 48.2 220KV LILO line from 220KV Boothpur-Kalwakurthy circuit 1 to the proposed 220KV Switching Station at Thimmajipet(2Ckm)**  
P.O issued on 25.08.2011. Works will be commenced on issue of investment approval of APERC
- 48.3 220KV LILO line from 220KV Boothpur-Kalwakurthy circuit 2 to the proposed 220KV Switching Station at Thimmajipet(2Ckm)**  
P.O issued on 25.09.2011. Works will be commenced on issue of investment approval of APERC
- 48.4 220KV LILO to 400KV Yeddumailaram from 220KV Shadnagar-Yeddumailaram line on multi ckt Towers(24Ckm)(Jun'2012)**  
P.O issued on 07.09.2011 to M/s Deepak Galvanising & Engineering Industries. Excavation is under progress.

**CHIEF ENGINEER  
CONSTRUCTION-I**



## II. TRANSMISSION

### 1. ACHIEVEMENTS DURING 04/10 to 11/10, 11/10, 04/11 to 11/11 & 11/11

Sl.No.	Description	Achievements during 04/10 to 11/10	Achievements during 11/10	Achievements during 04/11 to 11/11	Achievements during 11/11
1.	220 kV Lines (CKM)	83.71	-	486.16	21.68
2.	132 kV Lines (CKM)	290.01	12.00	64.90	32.20
3.	220 kV Substations (Nos.) Transformer Capacity MVA)	150.00	-	200.00	50.00
4.	132 kV Substations (Nos.) Transformer Capacity MVA)	270.00	16.00	50.00	50.00
5.	Augmentation of Transformer Capacity at 220 kV SS (MVA)	1040.00	60.00	412.00	60.00
6.	Augmentation of Transformer Capacity at 132 kV SS (MVA)	784.50	109.50	794.50	31.00

### 2. DETAILS OF ACHIEVEMENTS DURING 11/2011

#### I. 220 kV LINES CHARGED

Sl.No.	Name of the line	Length in CKM	Date of charging
<b>A. DURING 04/11 to 11/11</b>			
1	220 kV LILO line to Regulapadu SS from Gooty - Alipura 220 kV line	43.57	06.06.2011
2	220 kV DC line from VTS to Tallapally	266.00	02.07.2011
3	220 kV DC/SC line from Ramagundudem to Bellampally line	37.00	20.07.2011
4	220 kV LILO to Dhone Sw.Station from 220 kV Gooty - S.M.Palli line-I	28.66	28.07.2011
5	220 kV LILO to Dhone Sw.Station from 220 kV Gooty - S.M.Palli line-II	28.66	24.08.2011
6	220 kV DC/SC line from Dhone to Kambalapadu line	12.10	30.08.2011
7	220 kV DC line with Twin Moose conductor from VSS to MRS (Visakhapatnam)	12.16	17.09.2011
10	220 kV DC/SC line from 400 kV Chittoor to Palamaneru	58.00	22.10.2011
<b>Total</b>		<b>486.16</b>	
<b>B. DURING 11/11</b>			
1	220 kV DC/SC line from Dhone to Krishnagiri	11.18	18.11.2011
2	220 kV DC/SC line from Krishnagiri to Settipally	10.50	18.11.2011
<b>Total</b>		<b>21.68</b>	

## II. 132 kV LINES CHARGED

Sl.No.	Name of the line	Length in CKM	Date of charging
<b>A. DURING 04/11 to 11/11</b>			
1	132 kV 2 -phase DC/SC line from Brahmadvem to RTSS Nediguntapalem	11.70	12.05.2011
2	132 kV DC line from 220/132 kV SS Kamareddy to Loc No. 150 of existing	11.20	19.05.2011
3	2nd circuit stringing from Loc No. 150 to 132 kV Kamareddy SS (Loc No.174)	8.00	19.05.2011
4	132 kV LILO line from Bellampally - Manchir line to 220 kV Bellapally SS	4.00	13.07.2011
5	2nd Ckt stringing on 132 kV Tekkali - Palasa DC/SC line	30.00	16.11.2011
<b>Total</b>		<b>64.90</b>	
<b>B. DURING 11/11</b>			
1	2nd Ckt stringing on 132 kV Tekkali - Palasa DC/SC line	30.00	16.11.2011
2	LILO of 132 kV Yerraguntla - Tadipatri SC line to GKLIS 132/11 kV SS	2.20	24.11.2011
<b>Total</b>		<b>32.20</b>	

## III. 220 kV SUBSTATIONS COMMISSIONED

Sl.No.	Name of the Substation	Voltage Ratio	Tr. Capacity in MVA	Date of charging
<b>A. DURING 04/11 to 11/11</b>				
2	Bellampally	220/132	100.00	20.07.2011
3	Dhone	220 kV SW. stn		28.07.2011
6	Palamaneru	220/132	100.00	22.10.2011
<b>Total</b>			<b>200.00</b>	
<b>B. DURING 11/11</b>				
1	Krishnagiri	220/11	50.00	18.11.2011
2	Settipally	220/11	50.00	18.11.2011
<b>Total</b>			<b>50.00</b>	

## IV. AUGMENTATION OF 220 kV TRANSFORMER CAPACITY AT 220 kV SUBSTATIONS

Sl.No.	Name of the Substation	Existing (MVA)	Augmented to (MVA)	Net increase in Transformer	Date of charging
<b>A. DURING 04/11 to 11/11</b>					
2	220/33 kV Parchur	1x100	2x100	100.00	14.06.2011
4	220/132 kV Kakinada	2x100	3x100	100.00	18.08.2011
5	33 kV features at Pulivendula	2x100	2x100+2x10/16	32.00	3.09.2011
6	220/132 kV SS Narketpally	3x100	2x100+1x160	60.00	08.10.2011
7	220 /132 kV SS Gajuwaka	3x100	2x100+1x160	60.00	29.10.2011
8	220 /132 kV SS Gachibowli	1x 160 + 3x100	2x100+2x160	60.00	24.11.2011
<b>Total</b>				<b>412.00</b>	
<b>B. DURING 11/11</b>					
8	220 /132 kV SS Gachibowli	1x 160 + 3x100	2x100+2x160	60.00	24.11.2011
<b>Total</b>				<b>60.00</b>	

**132 kV SUBSTATIONS COMMISSIONED**

Sl.No.	Name of the Substation	Voltage Ratio	Tr. Capacity in MVA	Date of charging
<b>A. DURING 04/11 to 11/11</b>				
1	132 kV Sw.Station RTSS Muddunur	-	-	2.09.2011
1	132/11 kV Gandikota Lift Irrigation substation	132/11	50.00	24.11.2011
<b>Total</b>			<b>50.00</b>	
<b>B. DURING 11/11</b>				
1	132/11 kV Gandikota Lift Irrigation substation	132/11	50.00	24.11.2011
<b>Total</b>			<b>50.00</b>	

**VI. AUGMENTATION OF 132 kV TRANSFORMER CAPACITY AT 132 kV SUBSTATIONS**

Sl.No.	Name of the Substation	Existing (MVA)	Augmented (MVA)	to	Net increase in Transformer Capacity (MVA)	Date of charging
<b>A. DURING 04/11 to 11/11</b>						
1	220/132 kV SS Kalikiri	1x16+2x31.5	3x31.5		15.50	01.04.2011
2	132/33 kV SS SriKalhasti	2x31.5	1x31.5+1x50		18.50	02.04.2011
3	132/33 kV SS Thumukunta	1x16+1x31.5	1x31.5+1x50		34.00	08.04.2011
4	220/132kV SS Nunna	2x16	1x16+1x31.5		15.50	15.04.2011
5	220/132 kV SS Chillakallu	2x31.5	3x31.5		31.50	25.04.2011
6	220/132 kV SS Narasaraopeta	1x16	1x31.5		15.50	29.04.2011
8	132/33 kV SS Sadashivpet	2x31.5	1x50+1x31.5		18.50	17.05.2011
9	132/33 kV SS Kurnool	1x16+1x31.5	1x31.5+2x16		16.00	03.06.2011
10	220/132 kV Warangal	2x50	1x50+1x80		30.00	03.06.2011
11	132/33 kV SS Shantipuram	2x31.5	1x50+1x31.5		18.50	04.06.2011
12	220/132 kV SS Tadikonda	2x31.5	1x50+1x31.5		18.50	06.06.2011
13	132/33 kV SS Gummadidala	1 x16+ 1x31.5	1x50+1x31.5		34.00	07.06.2011
14	132/33 kV SS N.V. Gardens(Nellore)	2x31.5+1x16	1x50+2x31.5		34.00	10.06.2011
15	132/33 kV SS Madugulapally	2 x16	1x16+1x31.5		15.50	13.06.2011
16	132/33 kV SS Manoharabad	2x31.5	1x50+1x31.5		18.50	16.06.2011
17	220/132 kV SS Nellore	1x50+1x31.5	2x50		18.50	20.06.2011
18	132/33 kV SS Kothapallimitta	2x31.5	1x50+1x31.5		18.50	21.06.2011
19	220/132/33 kV SS Sitarampatnam	2x31.5	1x50+1x31.5		18.50	22.06.2011
20	132/33 kV SS Nallajerla	1x16+1x25	1x25+1x31.5		15.50	23.06.2011
21	132/33 kV SS Amalapuram	2x31.5	1x50+1x31.5		18.50	26.06.2011
22	132/33 kV SS Ellanthakunta	2 x16	1x16+1x31.5		15.50	29.06.2011
23	132/33 kV SS Suryapet	1x80+1x50	2x80		30.00	02.07.2011
24	132/33 kV SS Naidupet	1x31.5+2x16	2x31.5+1x16		15.50	8.07.2011
25	132/33 kV SS Pydibheemavaram	1x31.5	2x31.5		31.50	12.07.2011
26	132/33 kV SS Makthel	2x31.5	1x50+1x31.5		18.50	14.07.2011
27	132/33 kV SS Martur	1x16+1x31.5	2x31.5		15.50	16.07.2011
28	220/132/33 kV SS Shadnagar	1x50+1x31.5	2x50		18.50	28.07.2011
29	132/33 kV SS Shaligouraram	2x31.5	1x50+1x31.5		18.50	05.08.2011

Sl.No.	Name of the Substation	Existing (MVA)	Augmented (MVA)	to	Net increase in Transformer Capacity (MVA)	Date of charging
30	220/132 kV SS Tandur	2x31.5	1x50+1x31.5		18.50	10.08.2011
31	132/33 kV SS Aruku	1x 15	1x15 + 1x16		16.00	25.08.2011
32	132/33 kVSS Marripalem	2x16	1x16+1x31.5		15.50	30.08.2011
33	132/33 kV SS Tirupathi	1x50+1x31.5	2x50		18.50	10.09.2011
34	132/33 kV SS Gurramkonda	2x10/16	1x31.5+1x10/16		15.50	24.09.2011
35	132/33 kV SS Rajolu	2x10/16	1x31.5+1x10/16		15.50	19.09.2011
36	132/33 kV SS Madhapur	2x50	1x80+1x50		30.00	01.10.2011
37	132/33 kV SS Kanagal	1x16	2x16		16.00	12.10.2011
38	132/33 kV SS Kodangal	1x16+1x31.5	2x31.5		15.50	29.10.2011
39	132/33 kV SS Achampet	1x16+1x31.5	2x31.5		15.50	31.10.2011
40	132/33KV SS Badrachalam	2x16	1x16+1x31.5		15.50	03.11.2011
41	220/132/33 kV SS Bhimavaram (UNDI)	1X16+1X15	1X31.5+1X15		15.50	14.11.2011
		<b>TOTAL</b>			<b>794.50</b>	
	<b>B. DURING 11/11</b>					
1	132/33KV SS Badrachalam	2x16	1x16+1x31.5		15.50	03.11.2011
2	220/132/33 kV SS Bhimavaram (UNDI)	1X16+1X15	1X31.5+1X15		15.50	14.11.2011
		<b>TOTAL</b>			<b>31.00</b>	

CHIEF ENGINEER (CONSTRUCTION-I)