



## **ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION**

Vidyut Niyantana Bhavan, Adjacent to 220/132/33/11 KV AP Carbides  
Sub Station, Dinnedavarapadu Road, Kurnool - 518 002

### **PUBLIC NOTICE**

### **OP No.83 of 2025**

### **Transmission Corporation of Andhra Pradesh Limited**

**(Filing of Performance Petition by APTRANSCO, for the works approved in Resource Plan for the FY 2024-25 as per APERC directions in para (38) of APERC Order Dt. 27-06-2024 in Load Forecast and Resource Plans for 5th & 6th Control Periods by the Transmission Corporation of Andhra Pradesh Ltd., as the Transmission Licensee)**

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**TAKE NOTICE** that the APTRANSCO has filed this performance petition, as a Transmission Licensee, for the works approved in Resource Plan for the FY 2024-25 as per APERC directions in para (38) of APERC Order Dt. 27-06-2024 in Load Forecast and Resource Plans for 5th & 6th Control Periods by the Transmission Corporation of Andhra Pradesh Ltd., The original petition, along with all related material, has been made available on the Commission's website for reference by all stakeholders.

2. The Commission hereby invites views/objections/suggestions, if any, from all interested persons/stakeholders in respect of the above-mentioned petition. The views/objections/suggestions may be sent to the Secretary, APERC, Vidyut Niyantana Bhavan, Adjacent to 220/132/33 kV AP Carbides Sub-Station, Dinnedavarapadu Road, Kurnool – 518 002, on or before **13.02.2026**, or through email at **commn-secy@aperc.in**. Copies of the same may also be forwarded to the Petitioner.

3. The APTRANSCO is directed to submit their responses to the objections received, if any, on or before **20.02.2026**.

4. The Hon'ble Commission will take up the above matter for public hearing on **27-02-2026** at 11:00 AM in the APERC's Court Hall, Kurnool both in-person and online modes. The Link to participate through online will be provided only to the objectors one day before the scheduled date of Public Hearing.

(By Order of the Commission)

Place: Kurnool  
Date: 29-01-2026

  
**Commission Secretary<sub>l/c</sub>**



TRANSMISSION CORPORATION OF ANDHRA PRADESH LTD.  
VIDYUT SOUDHA :: VIJAYAWADA

From:  
Chief General Manager,  
Commercial & Co-ordination,  
APTRANSCO,  
Vidyut Soudha,  
Vijayawada.

To:  
The Secretary,  
APERC,  
Vidyut Niyantana Bhavan,  
Dinnedavarapadu Road,  
Kurnool - 518 002,  
Andhra Pradesh.

Lr.No.CGM/Comml.&Coord./GM/Comml./RAC/F-01/25, D.No. 180 /25,Dt.30.11.25.

Sir,

Sub: - AP Transco – Resource Plan for 5<sup>th</sup> Control period – Filing of Annual Performance petition for FY 2024-25 – Reg.

Ref: - APERC orders on Resource Plans for 5<sup>th</sup> and 6<sup>th</sup> CP.

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As per APERC directions in para (38) of APERC Order Dt.27.6.2024 in Load Forecast and Resource Plans for 5<sup>th</sup> and 6<sup>th</sup> Control Periods, AP Transco has to file an Annual performance review petition before APERC.

In compliance to the above directions of the Commission, I am directed to submit the Performance Review Petition for the FY 2024-25 before Hon'ble Commission. It is requested for kind consideration of the same by Hon'ble Commission.

Encl: Annual Performance Petition.- 5 copies.

Yours faithfully,

Chief General Manager,  
Commercial & Coordination.  
AP Transco



**BEFORE THE HONOURABLE ANDHRA PRADESH ELECTRICITY  
REGULATORY COMMISSION**

AT ITS OFFICE AT VIDYUT NIYANTRANA BHAVAN, DINNEVARAPADU ROAD, KURNOOL

FILING NO. \_\_\_\_\_/2025

CASE NO. \_\_\_\_\_/2025

**In the matter of:**

Filing of performance petition for the works approved in Resource Plan for the Financial Year 2024-25 as per APERC directions in para (38) of APERC Order Dt.27.6.2024 in Load Forecast and Resource Plans for 5<sup>th</sup> and 6<sup>th</sup> Control Periods by the Transmission Corporation of Andhra Pradesh Limited ('APTransco') as the Transmission Licensee.

**In the matter of:**

**TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED**

**... Petitioner**

**BEFORE THE HONOURABLE ANDHRA PRADESH ELECTRICITY REGULATORY COMMISSION**

AT ITS OFFICE AT VIDYUT NIYANTRANA BHAVAN, DINNEDEVARAPADU ROAD, KURNOOL

FILING NO. \_\_\_\_\_/2025

CASE NO. \_\_\_\_\_/2025

**In the matter of:**

Filing of performance petition for the works approved in Resource Plan for the Financial Year 2024-25 as per APERC directions in para (38) of APERC Order Dt.27.6.2024 in Load Forecast and Resource Plans for 5<sup>th</sup> and 6<sup>th</sup> Control Periods by the Transmission Corporation of Andhra Pradesh Limited ('APTransco') as the Transmission Licensee.

**In the matter of:**

**TRANSMISSION CORPORATION OF ANDHRA PRADESH LIMITED**


... Petitioner

**AFFIDAVIT OF APPLICANT VERIFYING THE APPLICATION ACCOMPANYING FILING OF ANNUAL PERFORMANCE PETITION FOR TRANSMISSION BUSINESS FOR FY 2024-25.**

I, N. Rama Chandra Reddy, S/o Sri. N. Balarami Reddy working for gain of the Transmission Corporation of Andhra Pradesh Limited do solemnly affirm and say as follows:


1. I am the Chief General Manager/Commercial & Coordination, APTransco, the licensee company operating and controlling the Transmission Business of Electricity in Andhra Pradesh pursuant to the license granted by the Hon'ble Commission. I am competent and duly authorized by APTransco to affirm, swear, execute and file this affidavit in the present proceedings.

2. I have read and understood the contents of the accompanying Filing of Annual Performance for FY 2024-25. The statements made in the paragraphs of the accompanying application now shown to me are true to my knowledge derived from the official records made available to me and are based on information and advice received which I believe to be true and correct.

  
**DEPONENT**  
Chief General Manager/Commercial  
& Co-ordination  
APTRANSCO, Vidyut Soudha,  
Vijayawada-520 004.

**VERIFICATION:**

I, the above named Deponent solemnly affirm at Vijayawada on this 30<sup>th</sup> November, 2025 that the contents of the above affidavit are true to my knowledge, no part of it is false and nothing material has been concealed there from.

  
**DEPONENT**  
Chief General Manager/Commercial  
& Co-ordination  
APTRANSCO, Vidyut Soudha,  
Vijayawada-520 004.

**BEFORE THE HONOURABLE ANDHRA PRADESH ELECTRCITY REGULATORY COMMISSION**

AT ITS OFFICE AT VIDYUT NIYANTRANA BHAVAN, DINNEVARAPADU ROAD, KURNOOL

**FILING NO.----- /2025**

**CASE NO.-----/2025**

**In the matter of:**

Filing of performance petition for the works approved in Resource Plan for the Financial Year 2024-25 as per APERC directions in para (38) of APERC Order Dt.27.6.2024 in Load Forecast and Resource Plans for 5th and 6th Control Periods by the Transmission Corporation of Andhra Pradesh Limited ('APTransco') as the Transmission Licensee.

**The Applicant respectfully submits as under:**

**a) The physical progress of the works proposed during the FY2024-25:**

**Substations:**

S.No	Description	No. of SS proposed	Name of the Substation Proposed	Commissioned	Works under Progress
1	400 KV Substations	1No.	1.Gudivada SS	0	1 No.
2	220KV Substations	3Nos.	1.Kothapatnam (dropped) 2.Cherivi (Racherla) 3.Punganur	2Nos. Racherla & Punganur	2 <sup>nd</sup> 100MVA PTR at Racherla to be commissioned
3	132KV Substations	6Nos.	1.Dharmajigudem 2. Reddyganapavaram 3.Routhugudem 4.V.Kota 5.Routhusuramala 6.O.D.Chervu	1No. V.Kota	5 Nos

**Annual Physical Performance Petition for FY 2024-25**

**Lines:**

S.No	Description	Proposed in Resource Plan	Commissi oned	Completed Stringing	Works under Progress
1	400 KV Lines (CkM)	299.162	196.962	19.25	Works for balance length are under progress.
2	220kV & 132KV Lines (CkM)	631.99 (1 No. 34.5CKM work proposal dropped.)	182.123	23.2	

**Augmentation and RMI:**

S. No	Description	Proposed in Resource Plan	Completed	Works under Progress
1	Aug. of 400kV PTRs and Other works	1.Maradam 2.Kalikiri 3.Rachagunneri- 2 nos PTRs 4. KV Kota-63 MVA Bus Reactor	02 (500MVA PTR at Maradam& 63MVA Bus reactor at KV Kota)	Balance works are under progress.
2	Aug. of 220kV PTRs	40	09	
3	Aug. of 132kV PTRs	64	12	
4	RMI Works	Works list not specified in the filing	79Nos. (Replacement of Old Equipment)	

The detailed information on Present status/Progress of lines, Substations, Augmentation of PTRs and R & M works (Replacement of Old Equipment, etc.,) is placed at Annexure-I.

In addition to the proposed works in Resource Plan for FY 2024-25, APTransco has taken up the following works in FY 2024-25. Investment approval was not necessitated for the works as the estimated costs for individual work is less than Rs.20 Crores.

The expenditure incurred for the additional works are as detailed below:

S.No	Name of the Work	Amount incurred in Crs.
1	220kV and 132kV line Works	23.64
2	Augmentation of PTR Works at 220kV and 132kV Substations	14.10
	<b>Total</b>	<b>37.74</b>

The details are placed at Annexure-II.

The comparative statement of Approved VS Actuals for the FY2024-25 is as below:

In Rs.Crs.

S. No	Name of the work	Approved by APERC in Resource Plan	Actual expenditure incurred
1	Evacuation and System Improvement	2089.19	892.9
2	Augmentation and R & M Works	576.53	74.47
3	Additional Works	-	37.74
	<b>Total</b>	<b>2665.72</b>	<b>1005.11</b>

**b) Transmission Loss:**

The actual transmission losses for FY2024-25 are less than the approved value which in turn increases efficiency and better utilization of network.

<b>Approved</b>	<b>2.75%</b>
<b>Actuals</b>	<b>2.6%</b>

The current Annual physical performance petition for the FY 2024-25 is being filed after discussion & approval by the Board of Directors of APTRANSCO. N. Rama Chandra Reddy, Chief General Manager, Commercial & Coordination of APTRANSCO has been authorized to execute and to file this Petition on behalf of APTRANSCO. Accordingly, the current petition is verified, signed, and backed by the affidavit of N. Rama Chandra Reddy, Chief General Manager, Commercial & Coordination of APTRANSCO.

In the aforesaid facts and circumstances, the Applicant requests that the Hon'ble Commission to:

- (a) Take the Annual Performance Petition of APTRANSCO for FY 2024-25 on record;
- (b) Grant suitable opportunity to APTRANSCO within a reasonable time frame to file additional material information if required;
- (c) Pass such Order, as the Hon'ble Commission may deem fit and proper in the facts and circumstances of the case.

**TRANSMISSION CORPORATION OF ANDHRAPRADESH LIMITED**

(APPLICANT)

  
(N. Rama Chandra Reddy)  
Chief General Manager/Commercial & Coordination

Chief General Manager  
& Co-ordination  
APTRANSCO, Vidyut Soudha,  
Vijayawada-520 004.

Place: VIJAYAWADA

Date: 30<sup>th</sup> November, 2025.

**ANNEXURE-I**

**Status of 400kV Projects Proposed in Resource Plan For F.Y.2024-25**

S. No.	Name of the District	Name of the Scheme	Length of the Line in Km	Length of the Line in CkM	Cost estimation (in Cr)	Original Line Length in Km	Original Length of the Line in CkM	Expenditure Incurred in 01.04.2024 to 31.03.2025 (in Cr)	COD/Progress of Works in %	Expected date of Completion
1	Krishna	Construction of 400/220kV Substation at Gudivada with 2*500MVA ICTs in Krishna district and connected lines (Total scheme cost)	31	124	1131	25.55	102.2	322.55	400kV SS Gudivada: 85% of works completed and balance works are under progress.  LILO 400kV Vemagiri - Sattenapalli TMDC Line to 400KV Sub-Station Gudivada: All works completed. OPGW stringing on existing line under progress.	Jun-26
2	West Godavari	400KV TMDC Line from Vemagiri to KV Kota	98.48	196.962	245	98.48	196.962	220	Charged on 05.03.2025	
3	Vizianagaram	Augmentation of ICTs from 2*315+1*500MVA to 2*315+2*500 MVA at 400/220KV SS Maradam	-	-	42.33	-	-	33.27	Charged on 07.03.2025	

4	Chittoor	Augmentation of ICT capacity from 2×315MVA to 2×315MVA+1×500MVA, from 1x160 MVA+1x100 MVA to 2x160 MVA+1x100 MVA at 400/220/132kV Rachagunneri SS	-	-	58.19	-	-	23.63	160MVA PTR charged on 24.03.2025.  <b>500MVA ICT:</b>  All bay works completed. The 500MVA ICT (APTRANSCO scope) couldn't be transported due to approach road issue. T.O.O No.3475 dt:08.01.2025 issued for construction of approach road with APTRANSCO CSR funds. Approach road works completed recently. ICT to be transported and erected.	Mar-26
5	Chittoor	Augmentation of ICTs from 2*315MVA to 2*315+1*500MVA at 400/220KV SS Kalikiri	-	-	40.52	-	-	0	Detailed Engineering under progress.	Sep-26
6	Chittoor	Augmentation of ICTs from 2*315+1*500MVA to 2*315+2*500 MVA at 400/220/132/33KV SS Rachagunneri	-	-	40.52	-	-	0	Detailed Engineering under progress.	Sep-26
7	West Godavari	63MVAR Bus Reactor at 400KV SS KV Kota	-	-	18	-	-	15.91	Charged on 18.06.2025	
<b>Total for 400kV Projects for the FY2024-25</b>				<b>320.962</b>	<b>1575.56</b>			<b>299.162</b>	<b>615.36</b>	

\*\* The name of this Scheme was Transmission Scheme for Erection of 400/220kV Substation at Gudivada and connected transmission network, under 400kV Ring around Capital City (which includes Eluru - Gudivada 400 kV DC Quad line-40 km. Gudivada – Chilakaluripeta 400 kV DC Quad line – 103 km. Gudivada 400/220/132kV-Machilipatnam 220kV DC line – 50 km and other LILO works ) with Scheme cost of Rs.1131 Crs.

However subsequently, the 400kV Eluru and Chilakaluripeta Works were dropped. Accordingly, APTRANSCO revised administrative approval for "Transmission Scheme for Erection of 400/220kV Substation at Gudivada and connected transmission network." The total cost of the scheme including IDC is Rs.559.79Crores.

Status of 220kV and 132kV Projects Proposed in Resource Plan For F.Y.2024-25

S. No.	Name of the District	Name of the work	Length of the Line in Rkm	Length of the Line in Ckm	Cost estimation (in Cr)	Original Line Length in Km	Original Length of the Line in Ckm	Expenditure Incurred in 01.04.2024 to 31.03.2025 (in Cr)	COD/Progress of Works in %	Expected date of Completion
1	Vizianagaram	Single LILO of 220KV Bobbili-Garividi DC Line on MC Towers at 400/220KV SS Maradam	4.5	9Ckm	13	-	-	9.3	1) Tower Foundation works completed. 2) 10/20No. Tower erection works completed. Due to rains and non supply of tower parts work is halted.	Dec-25
2	East Godavari	a) Reconductoring from crossing point of 132KV Kakinada-Ramachandrapuram DC Line and 220KV Samalkot-GMR Barge DC Line to 132KV SS Ramachandrapuram with ACSS Panther Conductor equivalent to ACSR Panther b) Construction of 2 Nos. 132KV Feeder Bays at 220KV SS Samalkot and connecting the 2 Nos. Barge Mounted Feeders to the 132KV Bus through the above 2 Nos. 132KV Feeder Bays at 220KV SS Samalkot	-	-	18.15	-	-	12.64	Charged on 14.08.2024	
3	East Godavari	Replacement of ACSR Panther conductor with equivalent ACSS conductor on 132kV Bommuru-Kondagunturu S/C line and 132kV Kondagunturu-Editha S/C line	-	-	21	-	-	6.61	1) 132kV Bommuru-Kondaguntur line charged on 19.12.2024. 2) 132kV Kondaguntur-Editha line charged on 28.03.2025	
4	East Godavari	a) Formation of 2nd Circuit from 220kV SS Kakinada to 132kV SS Pratapnagar by utilizing the idle 220kV Samalkota-GMR Barge DC line, 132kV Kakinada-Ramachandrapuram DC line, 132kV Pratapnagar-Yanam Line and 132kV Kakinada-Gollapalem Line to form 132kV Kakinada-Yanam Line and 132kV Kakinada-Gollapalem Line b) Converting existing 132kV Kakinada-Gollapalem Line as 132kV Kakinada-Pratap Nagar 2nd Circuit.	-	-	2.07	-	-	0	1) Tower Foundation works completed. Work hampered due to standing crop	Dec-25
5	West Godavari	a) Erection of 132/33kV Substation with 2*31.5MVA 132/33KV PTRs at Dharmajugudem b) 132kV DC/SC line from 220/132KV SS Kamavarapukota	28kM	56Ckm	51.98	27.4	54.8	20.78	Sub-Station:- 1) All Civil works completed. 2) 1No. 132/33kV 50MVA PTR Kept in plinth and PTR bushings reached to site. Due to rains the work is halted 3) SAS integration works to be taken up M/s. GE service Engineer and expected to be reached to site on 24.10.2025 Line:- 1) 102/102No. Tower Foundation works completed. 2) 102/102No. Tower Erection works completed. 3) 24.475/27.40 line stringing works completed., balance line stringing works under progress.	Nov-25
6	West Godavari	a) Erection of 132KV SS at Reddyganapavaram with 2*31.5MVA 132/11KV PTRs b) 132KV DC Line (30KM) from 220KV SS/KV Kota	30kM	60Ckm	LIS Funds	-	-	0	Work under purview of Water Resource Department under Supervision of APTRANSCO. (DC work)	
7	West Godavari	a) Erection of 132KV SS at Routhugudem with 2*31.5MVA 132/11KV PTRs b) 132KV DC Line (5KM) from Reddyganapavaram	5kM	10Ckm	LIS Funds	-	-	0	Work under purview of Water Resource Department under Supervision of APTRANSCO. (DC work)	
8	Krishna	LILO of 220KV Gudivada-Akiveedur DC Line at 400KV SS Gudivada	19kM	76Ckm	Incl. In Gudivada scheme	-	-	25.83	1. 47/63No. Tower Foundation and 41/63 No. Tower Erection works Completed. Farmers had filed W.P.No.503. 4469 at High Court. The repetition order has been cancelled by the Hon'ble High Court of Andhra Pradesh 2) 16 Nos. foundations are halted due to standing crops.	Jun-26
9	Guntur	a) Double LILO of 220KV VTS-Tadikonda Feeders at 400/220KV SS Tallayapalem	4	16Ckm	31.28	-	-	0	Administrative approval to be issued.	

10	Prakasam	LILO (0.5KM) of 132KV Kandukur-Kavali S/C Line at 132KV SS Ulavapadu	0.5kM	1.0CkM	4.5	-	-	0	Tenders to be Floated	
11	Nellore	a) Erection of 220/33KV SS Kothapatnam 2*31.5MVA 132/33KV PTRs b) LILO of 220KV Manubolu-SBQ DC/SC Line on MC Towers (17KM) at the proposed 220/33KV SS at Kothapatnam c) 2nd Circuit stringing from Manubolu to Kothapatnam d) Shifting of 220KV SBQ Metering from Manubolu SS to the proposed 220/33KV SS at Kothapatnam	17kM 34.5	34CkM 34.5CkM	APIIC Funds	-	-	0	Proposal dropped	
12	Chittoor	a) Erection of 220KV SS at Cherivi (Racherla) 2*160MVA PTRs b) Erection of 220KV DC Line from 220KV SS Sullurpet to the proposed 220KV SS at Cherivi (Racherla) c) Erection of 220KV DC Line from 400KV SS Rachaguneri to the proposed 220KV SS at Cherivi (Racherla)	19.5kM 53.5kM	39CkM 107CkM	75	19.359 53.52	38.718 107.04	101.57	a) 220/132kv SS <b>Charged on 15.10.2025</b> with 1No. 100MVA PTR. b) 220KV DC Line from 220KV SS Sullurpet to the proposed 220KV SS at Cherivi (Racherla) <b>charged on 10.01.2024. (19.359Kkm, 38.718Ckm)</b> c) Erection of 220KV DC Line from 400KV SS Rachaguneri to the proposed 220KV SS at Cherivi (Racherla) <b>charged on 03.01.2024. (53.52Kkm, 107.04Ckm)</b>	Jul-25
13	Chittoor	LILO of 132KV Cherivi-Apollo/Linde DC Line at Racherla	-	-	5.2	-	-	5.3	1) Tower Foundations and Tower Erection works completed. 2) Multi Circuit Line Stringing works completed. 3) The balance stringing works to be taken up under shutdown	Nov-25
14	Chittoor	a) Erection of 220KV SS at Punganur with 2*160MAV 220/132KV PTRsand 2*31.5MVA 132/33KV PTRs b) LILO of 220KV Madanapalli-Palamanneru DC/SC Line on MC Towers at the proposed 220KV SS at Punganur c) Erection of 132KV DC Line from the proposed 220KV SS Punganur on MC Towers duly linking with the 132KV DC Line at LILO point d) Directing the LILO of 132KV Madanapalli-Palamanneru DC/SC Line at 132KV SS Punganur to form 132KV Madanapalli-Palamanneru DC/SC Line	4kM - 4kM -	8CkM - 8CkM -	98	4.784 - 1.796 -	4.784 - 3.592 -	48.93	Charged on 27.12.2024	
15	Chittoor	a) Erection of 132/33 kv Substation at V.Kota with 2*31.5MVA PTRs b) Double LILO of 132 kv Palamaneru-Shanthipuram DC line at the proposed 132KV SS at V.Kota	3kM	6CkM	38	1.7	3.4	23.88	Charged on 04.09.2024	
16	Chittoor	a) Erection of 132/33 KV Substation at Routhusuramala b) LILO of existing 132 kv Sullurpet- Greenply S/C Line at the proposed 132KV SS at Routhusuramala	5kM	10CkM	APIIC Funds	-	-	0	Scheme cost communicated to APIIC.	
17	Chittoor	2nd circuit Stringing on the existing 132KV DC/SC Line from 220/132 kv SS Kalikiri to 132kv SS Rompicherla	30.0kM	30.0CkM	11	-	-	-	Estimates sanctioned.Tenders to be floated.	
18	Chittoor	2nd circuit Stringing on the existing 132KV DC/SC Line from 220/132kv SS Nagari to 132kv SS Nagalapuram.	19.97kM	19.97CkM	8	-	-	0	Revised administrative approval to be issued	
19	Kadapa	2nd Circuit Stringing on the existing 132KV DC/SC LINE from 132 KV Rayachoti to Sambepalli	14.13kM	14.13CkM	5	-	-	0	Revised administrative approval to be issued	
20	Kadapa	2nd Circuit stringing on existing 132 KV DC/SC line from 220/132/33 KV SS Rajampet SS to 132/33KV SS T.G. Palli	20.93kM	20.93CkM	7	-	-	0	Tenders to be Floated	
21	Kadapa	Extension of 132KV Bus at 132KV SS Pulivendula and erection of 1 No. 132KV Feeder Bay for keeping 2nd 132KV Pulivendula to Pulivendula Feeder in service.	-	-	3	-	-	0	Administrative approval to be issued.	
22	Kadapa	Erection of 2 Nos. 132KV Feeder Bays at 400KV SS Jammalamadugu to facilitate to make LILO arrangements to 132KV Suzlon-Jammalamadugu DC Line at 400KV SS Jammalamadugu	7.14kM	28.56CkM	4	6	24	1.63	Charged on 18.05.2025	

23	Kadapa	LILO of 220KV Chinakampalli-Renigunta S/C Line at 220KV SS Rajampet on MC Towers	3.2KM	6.4CKM	12	-	-	3.42	<b>Line:-</b> 1. 15/15No. Tower Foundation works completed. 2. 2/15No. Tower Erection works completed. Balance Tower Erection to be taken up by utilizing ERS Towers  <b>Bays:-</b> 1.. 40/42 Nos. Structure Foundation works completed.( Except 2Nos. for Circuit Breakers)  2. 28/46No. Structure Erection works completed. Balance Structure erection works under progress.	Feb-26
24	Ananatapur	Inter Linking 132KV SS Jammalabanda with 132KV SS Madakasira	18+1.5KM	19.5KM	8	-	-	0	Proposal dropped	
25	Ananatapur	a) Erection of 132/33 kV Substation at O.D. Cheruvu 2*31.5MVA 132/33KV PTRs	3.0KM	6.0CKM	33	-	-	1.23	Work under progress.	Apr-26
		b) LILO of 132KV Penugonda- Kadiri SC Line at OD Cheruvu	7.0KM	14CKM						
		c) LILO of 132KV Puttaparthi-Kadiri S/C Line at 220KV SS Penukonda								
26	Kurnool	LILO of 220KV Somayajulapalli-Rangapuram SC line at Bethamcherla on MC Towers	4KM	8CKM	14	-	-	0	The survey is under progress. Upon its completion, detailed estimates will be received from the field to communicate the scheme cost to the Railway authorities	
27	Kurnool	a) LILO of 132KV AP Carbides-Yemmiganur S/C Line at 132KV SS Gudur	0.5KM	1.0CKM	4	0.589	0.589	16.42	1. LILO line Charged on 24.07.2024	
		b) Erection of 2 Nos. 132KV Feeder Bays at 132KV SS Gudur							2. 132 KV APC-Gudur Ckt-I charged on 8.10.2024. 3. 132KV APC-Gudur Ckt-II charged on 19.03.2025.	
<b>Total for 220kV &amp; 132kV projects for the Year 2024-25</b>				<b>631.99</b>	<b>467.18</b>			<b>236.923</b>	<b>277.54</b>	

## ANNEXURE - 1

## Augmentation of Power transformers in FY 2024-25 as Per Resource Plan

Sl No	Name of the Substation	Existing PTR	Proposed PTR Capacity in MVA	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
<b>220kV Substations</b>					
1	Tekkali	3*100+2*31.5	3*100+1*31.5+1*50	-	The MD reached so far is 29.3MVA on 26.08.2021. Hence enhancement of PTR capacity is not needed immediately.
2	Pydibhimavaram	1*100+1*160+1*31.5	1*100+2*160+1*31.5+1*50	-	Erection of 2nd 160 MVA PTR is under progress. The MD reached so far on 132/33 KV PTRs is 30.5MVA on 21.02.2025. Hence enhancement of PTR capacity is not necessary at 132/33KV level immediately.
3	Bobbili	3*100+ 1*16+1*31.5	1*160+3*100+1*16+1*31.5	21650178.00	Works under progress. 90% completed. PTR is in transit.
4	Garividi	1*160+2*100+2*31.5	2*160+1*100+2*31.5	160891.00	PTR to be allotted. Expenditure incurred towards supply of moose conductor.
5	Garividi	2*160+1*100+2*31.5	2*160+1*100+1*31.5+1*50	-	PTR to be allotted
6	Pendurthi	2*160+1*100	3*160	-	Note for Technical feasibility is to be submitted.
7	Dairyfarm	2*100+ 3*50	2*100+1*160+3*50	-	PTR not yet allotted and PTR Bay works are under progress.
8	Gangavaram	2*100+2*31.5+ 1*25+1*31.5	2*100+2*31.5+1*50+1*31.5	-	Revised estimates to be submitted
9	Chinturu	1*50	2*50	35800416	Work Completed
10	Kakinada	2*160+1*100+1*50+1*80	2*160+1*100+2*50+1*80	-	Work not sanctioned, Technical Feasibility not approved. (Technically not Feasible)
11	Samalkota	3*100+2*31.5	1*100+2*160+2*31.5	-	Work completed PTRs charged on 11.09.23 & 27.11.23
12	Ramavaram	2*100+2*31.5	1*160+2*100+1*50+1*31.5	16343657	40% work completed.
13	Bhimadole	2*160+1*100+2*50+1*80	3*160+1*50+2*80	92452271.99	100% (work completed on 18.10.2024)
14	Pallantla	1*100+2*31.5	1*100+1*160+2*31.5	14,23,356.74	100% (Work completed 20.05.2024)
15	Duvva	2*100+ 2*31.5	2*100+1*50+1*31.5	-	PTR Not allotted. Revised administrative approval is under process.
16	Nidadavole	1*160+2*100	2*160+1*100	1107,39,161.00	100% (Work completed 24.03.2025)
17	Undi	2*50+2*31.5	3*50+1*31.5	-	(Work completed on 27.10.2019)
18	Gunadala	1*100 +2*160	1*100 +3*160	85,05,265.00	80% work completed
19	Nunna	1*31.5+ 2*50	2*50+ 1*80	-	Work awarded, work to be taken up
20	Gudivada	2*160+ 1*100	3*160	-	Work awarded, work to be taken up
21	Prathipadu	2*100+1*160	1*100+2*160	-	PTR to be allotted and work to be awarded
22	Narasaraopeta	3*31.5	2*31.5+1*50	-	PTR to be allotted and work to be awarded
23	Rentachintala	3*100+ 2*16+1*15	2*100+1*160+ 2*16+1*50	274,44,376.00	1) 31.5MVA PTR was allotted and commissioned on 02.08.2024 instead of 50MVA PTR. 2) For replacement of 100MVA PTR with 160MVA PTR, proposal to be submitted for obtaining Technical Feasibility.
24	Markapur	3*100	2*100+1*160	715,48,811.00	PTR was commissioned on 24.08.2023
25	Kandukur	2*100	2*100+1*160	54,92,588.00	2% Completed
26	Podili	2*100	2*100+1*160	-	Work to be awarded
27	Atmakur	2*100	2*100+1*160	-	Awarding of work under process
28	Nellore	3*50	2*50+1*80	-	Issue of Administrative Approval under Process

SI No	Name of the Substation	Existing PTR	Proposed PTR Capacity in MVA	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
29	Sullurpeta	3*100	2*100+1*160	-	Awarding of work under process
30	Naidupeta	2*100	2*100+1*160	-	Awarding of work under process
31	Kalikiri	3*100+ 2*31.5+1*50	2*100+1*160+2*50+1*31.5	-	1. Proposals submitted for 160 MVA PTR vide Lr. No. SE/O&M/TPT/D. No. 97/25, Dt. 21.04.2025 and awaiting administrative approval. 2. Technical sanction accorded and awaiting allotment of 50MVA PTR
32	Tirumalayapalli	2*160	2*160+2*31.5	0	Administration approval accorded. Estimate to be submitted by Construction division, Kadapa
33	Kadapa	1*160+2*100+2*50	1*160+2*100+1*50+1*80	0	LoI cancelled for the augmentation of PTR Capacity from 1*160+2*100+2*50 to 1*160+2*100+1*50+1*80 and administration approval accorded for 1*160+2*100+3*50
34	Kodur	2*31.5+1*50	1*31.5+2*50	0	Administration approval to be accorded
35	Mydukur	2*31.5+1*50	1*31.5+2*50	0	Administration approval accorded and PTR to be allotted
36	Kalyandurg	3*100+3*50 (PTR-II)	3*100+1*80+2*50	0	80MVA PTR erected and commissioned on 19.01.2017 at 220KV SS Kalyandurg and diverted to 220KV SS Gunadala vide Lr.No.CTO/131/Allot/80MVA PTR/Gunadala/D.No.408/18,Dt:05.02.2018.
37	Ananthapur	3*100 (PTR-III)	1*160+2*100	0	160MVA Diverted to 220KV RS Gooty and charged on 19.10.2020 in place of failed 100MVA PTR at 220KV RS Gooty
38	Ananthapur	1*80+2*50+1*31.5 (PTR-II)	2*80+1*50+1*31.5	0	At Present existing capacity of PTRs at 220KV SS Ananthapuramu is 1x80+2x50+1x31.5MVA and administrative approval accorded for 1x80+3x50MVA vide TOO(CE/KDP/KDP/MS.NO.3337,Dt:26.06.2024,
39	Nandyal	1*160+2*100+3*50	2*160+1*100+ 2*50+1*80	0	160 MVA Proposal submitted, 50 MVA proposal yet to be submitted
40	APCarbides	2*160+1*100+2*31.5	3*160+1*100+ 2*31.5	59790387.84	
<b>Total in Rs.</b>				<b>4350,07,702.57</b>	
<b>Total in Crores</b>				<b>43.50 Crores</b>	
<b>132kV Substations</b>					
1	Ichapuram	2*16	1*16+1*50	-	The MD reached so far is 22.82MVA on 21.08.2023. Hence enhancement of PTR capacity is not needed immediately.
2	Pathapatnam	2*16	1*16+1*50	-	The MD reached so far is 23.13MVA on 06.05.2024. Hence enhancement of PTR capacity is not needed immediately.

SI No	Name of the Substation	Existing PTR	Proposed PTR Capacity in MVA	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
3	Srikakulam	1*16+1*31.5	1*50+1*31.5	27900000	The work of Augmentation of PTR Capacity from 1x10/16MVA + 1x31.5MVA to 2 x 31.5MVA at 132/33KV SS, Srikakulam was completed. As per the File No. ENE51-PROOPOTI2/2025-EEOM1 (Computer No. 201529 ), the feasibility is obtained for Augmentation of PTR capacities from 2x31.5MVA to 2x31.5MVA + 1x50MVA with additional bay at 132/33KV SS Srikakulam.
4	Rajam	2*16	1*16+1*50	-	Revised Administrative approval for Augmentation of PTR capacities from 2x10/16 MVA to 1x10/16 MVA +1x50 MVA at 132/33 KV substation Rajam is under process.
5	Parvathipuram	2*31.5	1*31.5+1*50	0	Work completed on 04.12.2020
6	Salur	2*16	1*16+1*50	39530.00	Work completed on 27.02.2024
7	Garbham	1*31.5+1*15	1*31.5+1*50	0	Released PTR at Garividi SS is to be utilised.
8	Vontithadi	2*50	1*50+1*80	526752.00	PTR to be allotted. Site handed over to the contract agency on Dt:06.06.2025. Expenditure incurred towards supply of 3Nos. 132kV CTs.
9	Kasimkota	3*31.5	2*31.5+1*50	-	Proposal yet to be received
10	Chodavaram	2*16 + 1*31.5	1*16 + 1*31.5+1*50	-	Proposal yet to be received
11	Anandapuram	2*31.5+1*16	2*31.5+1*50	-	Revised Administrative approval accorded for Augmentation of PTRs capacities from 2X31.5+1X10/16 MVA to 3X31.5 MVA vide T.O.O (CE-Zone-Visakhapatnam) MS No. 3308, dt:10.06.2024. The 31.5MVA PTR charged on 21.02.2024 and 100% work completed.
12	Payakaraopeta	1*31.5+ 1*50	2*50	41665911.00	Charged on dt:19.06.2023
13	Narsinghbilli	2*16	1*50 + 1*16	27213750.00	Charged on dt:05.07.2024
14	Rajanagaram	2*50	3*50	-	Revised administrative approval to be issued.
15	Razole	1*31.5+1*50	2*50	-	Revised administrative approval to be issued.
16	Kothapeta	1*31.5+1*50	2*50	-	Augmentation proposal return from HQ as there is no overloading on PTRs as per SLDC
17	Mummidivaram	2*31.5	1*50+2*31.5	-	Revised administrative approval to be issued.
18	Pratap Nagar	2*31.5 + 1*50	1*31.5+1*50+1*80	-	PTR to be allotted
19	Silk Road Sugars	1*31.5+1*25	1*31.5+1*50+1*25	-	Estimates to be received for revised Administrative approval
20	Biccavolu	1*16+1*25+1*31.5	1*50+1*25+1*31.5	-	PTR to be allotted
21	Prathipadu	2*31.5 + 1*16	2*31.5+1*50	-	PTR to be allotted
22	Gollapalem	2*31.5	1*31.5+1*50	-	PTR to be allotted
23	Eluru	1*80+1*50	2*80	-	Technical feasibility accorded Estimates to be received from field.
24	PTPalli	3*50	1*80+2*50	-	Work not required as 132KV SS Narayanapuram Commissioned
25	Saggonda	2*31.5+1*16	2*31.5+1*50	-	50MVA PTR is not yet allotted to 132kV SS Saggonda.
26	Kovvuru	2*31.5	1*31.5+1*50	493,76,284.20	PTR Commissioned on 28.03.2024
27	Penugonda	2*31.5	1*50+1*31.5	-	PTR not allotted
28	Yernagudem	2*31.5	2*31.5+1*50	26,16,162.31	100% (Work was completed on 02.04.2025).

SI No	Name of the Substation	Existing PTR	Proposed PTR Capacity in MVA	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
29	Bhavanipuram	1*31.5+ 1*50	2*50	-	1) In view of summer emergency, the swapping of 50MVA, 132/33kV, BBL make PTR bearing Sl.No.5530/08 at 220kV SS Kondapalli with 31.5MVA,132/33kV, AYL make PTR bearing Sl.No.13095 at 132kV SS Bhavanipuram was carried out by taking approval from Director,Grid and Transmission in the Augumenatation scheme vide e office file No. ENE51-PROP0POT/1/2025 and computer no. 986976 2) The work was completed and PTR was commissioned on 06.05.2025
30	Narsapuram	2*31.5	2*50	-	New Proposal of Augumentation of PTR from (2*31.5)MVA to (2*31.5+1*50) instead of (2*50)MVA was under execution, work was awarded and work to be taken up.
31	Pamarru	2*50	3*50	-	Work awarded and work to be taken up
32	Bapatla	1*16+2*31.5	1*50+2*31.5	-	Issue of Administrative Approval under Process
33	Chakrayapalem	1*16+1*31.5	1*16+2*31.5	26,38,385.00	PTR was commissioned on 18.12.2023
34	AIIMS	1*31.5	1*50+1*31.5	8,20,607.43	PTR was commissioned on 14.02.2024
35	Macherla	2*50+1*31.5	3*50	-	Proposal to be submitted for obtaining Technical Feasibility
36	Tangeda	3*16	2*16+1*31.5	-	Work to be awarded
37	Rentapalla	2*31.5+1*16	2*31.5+1*50	-	Proposal to be submitted for obtaining Technical Feasibility
38	Yerragondapalem	2*50	3*50	-	Awarding of work under process
39	Kandukur	1*50+1*31.5	2*50	-	Proposal dropped due to commissioning of 132KV SS Ulavapadu
40	Pedda Dornala	2*16	2*16+1*50	-	Technical feasibility was issued for the proposal 2x16MVA to 2x16+1x31.5MVA, Awarding of work under Process.
41	Brahmadevam	2*31.5+1*50	1*31.5+2*50	-	Proposal to be submitted as per the load conditions
42	Venkatagiri	1*31.5+1*50	2*50	-	Issue of Administrative Approval under Process
43	Nagalapuram	2*31.5	1*50+1*31.5	-	Technical sanction accorded and awaiting allotment of PTR
44	Pakala	1*31.5+1*50	2*50	-	Proposals are to be received from field
45	K.P.Mitta	1*80+1*50	1*80+2*50	6,17,517.00	1. Work awarded to M/s. CR Constructions 2. PTR and associated bay equipment are to be allotted
46	N.G.Palli	2*31.5	1*50+1*31.5	-	Administrative approval accorded vide T.O.O Ms. No. 3631, Dt. 28.05.2025. Estimate to be received from field for technical sanction
47	Punganur	2*50	3*50	-	Not required as 220/132/33KVSS Punganur was charged with 2x31.5MVA PTRs and 33KV features
48	Ramasamudram	1*31.5+1*16	2*31.5	-	Administrative approval accorded vide T.O.O Ms. No. 3614, Dt. 17.05.2025. Estimate to be received from field for technical sanction
49	Gurramkonda	1*50+1*31.5	2*50	-	Proposals submitted vide Lr. No. SE/O&M/TPT/D. No. 1569/23, Dt. 20.12.2023. Awaiting administrative approval
50	Pulivendula	1*31.5+1*50	2*50	0	Administration approval to be accorded
51	Sambepalli	3*16	1*31.5+2*16	0	Administration approval accorded and PTR to be allotted
52	Kalasapadu	1*16+1*31.5	1*31.5+1*31.5	0	Administration approval to be accorded

SI No	Name of the Substation	Existing PTR	Proposed PTR Capacity in MVA	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
53	T.Sundupalli	2*16	1*31.5+1*16	0	Charged for PTR Capacity of 1*31.5+2*16 on 19.05.2025 (Note:17,79,583.00 expenditure incurred in FY 2025-26)
54	Lepakshi	2*16	2*16 +1*31.5+1*31.5	0	132 KV SS Lepakshi is LIS substation with 2 x 10/16 MVA PTRs catering to LIS loads dedicatedly. Augmentation cannot be carried out as per TOO (CE/Transmission) Ms No. 1360, Dt. 29/1/2020 for LIS PTRs as the work is executed under DC scheme for Irrigation purpose. Further, proposals submitted for erection of 33 kv features at 132 KV LIS Lepakshi SS with 2 x 31.5 MVA PTR capacity these works pertains to SE/Projects/Kurnool.
55	Jammalabanda	1*31.5+1*50	2*50	0	Augmentation proposals submitted Adminstrative approval to be accorded
56	Amarapuram	2*16	1*16+1*31.5	0	Revised TOO issued vide TOO (CE/Transmission)MS.NO.1882, Dt:23.07.2020 for deletion of the Augmentation work from 1x10/16 MVA to 1x31.5 MVA at 132 KV SS Amarapuram. Further, new TOO issued for Augmentation of PTRs from 2X10/16MVA to 2X10/16+1X31.5MVA at 132/33 KV SS Amarapuram with additional 1 No. 31.5 MVA PTR vide T.O.O (CE/Zone/Kadapa) Ms. No. 2716 Dated: 25-02-2023, Estimates submitted .Technical sanction to be issued.
57	Madakasira	2*16	1*16+1*31.5	0	Erection of 33 kv features at 132 kv SS Madakasira is approved vide TOO No. (CE/Construction) Ms No. 305, Dt. 24/ 11/ 2016 with 2 X 31.5 MVA PTR capacity. 2nos 31.5MVA PTRs charged on 30.04.2024.Works executed by Projects wing.
58	Guntakal	2*31.5	1*50+1*31.5	0	Revised Adminstrative approval accorded vide TOO(CE/KDP/KDP/MS.NO.3648,Dt:06.06.2025 for 2x31.5 to 1x31.5+1x50MVA at 132KV SS Guntakal.
59	Uravakonda	2*31.5	1*50+1*31.5	0	As per TOO(CE/KDPZ/KDP)MS.NO.3172,Dt:02.03.2024 the Augmentation of PTR Capacity proposed from 2x31.5 to 3x31.5 MVA and the work is under progress expenditure incurred against scheme code AG-23-45 is Rs.1,04,20,320.00. <b>Revised Adminstrative approval accorded for 2*31.5 to 2*31.5+1*50MVA vide TOO(CE/KDP/KDP/MS.NO.3630,Dt:28.05.2025,</b>
60	Atmakur	2*31.5	2*31.5+1*50	0	Administrative approval accorded vide:CE/ZONE/KADAPA Ms.No.3657 dt:23-06-2025.
61	Rudravaram	2*31.5	2*31.5+1*50	109,60,156.53	Work completed on 03.06.2025
62	Ankireddypalli	1*31.5+1*16	1*31.5+1*50	272,97,750.00	Work completed on 06.05.2024(retention bills pending)
63	Dhone	2*31.5	1*31.5+1*50	0	Work awarded to the contractor. PTR yet to be allotted
64	Kurnool	2*31.5+1*16	2*31.5+1*50	0	50 MVA Proposal yet to be submitted
<b>Total in Rs.</b>				<b>191672805.5</b>	
<b>Total in Crores</b>				<b>19.16 Crores</b>	

**RMI Works executed in FY 2024-25**

<b>SI No</b>	<b>Name of the Line/Substation</b>	<b>Description of the Work</b>	<b>Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)</b>	<b>COD/Progress of Works in %</b>
1	132KV SS Palasa	Replacement of all CTs of 132KV Ichapuram feeder at 132KV Palasa	591498.12	100% Work completed on 02.05.2025
2	132KV SS Palasa	Replacement of 3 nos LV CT s of 31.5 MVA PTR -2 at 132KV Palasa	288398	100% Work completed on 31.01.2025
3	132KV SS Palasa	Replacement of 2 Nos 33KV bus PTs having 1.0 & 0.5 class of accuracy with 0.2 class of accuracy bus PTs at 132KV Palasa SS	92053	100% Work completed on 31.01.2025
4	132KV SS Palasa	Replacement of 3nos CTs of 33 KV Mandasa feeder at 132KV Palasa	135470	100% Work completed on 19.04.2024
5	220KV SS Tekkali	Replacement of TELK make HV side 220KV CT in R-ph of 100MVA PTR-2 at 220KV SS Tekkali	379435	100% Work completed on 26.11.2024
6	220KV SS Tekkali	Replacement of 132KV LV CT in R-ph of 100MVA PTR-1 at 220KV SS Tekkali	201648	100% Work completed on 09.12.2024
7	220KV SS Tekkali	Replacement of 132KV HV CT in Y-ph of 31.5MVA PTR-1 at 220KV SS Tekkali	201648	100% Work completed on 12.11.2024
8	220KV SS Tekkali	Replacement of 3 no. 132KV CTs of 132KV Pathapatnam feeder at 220KV SS Tekkali	591498	100% Work completed on 13.12.2024
9	220KV SS Tekkali	Replacement of 3 no. 33KV LV CTs of 31.5MVA PTR-1 at 220KV SS Tekkali	288398	100% Work completed on 12.11.2024
10	220KV SS Tekkali	Replacement of existing 33KV Bus isolator set & Line isolator set complete for 33KV Srikakulam feeder at 220KV SS Tekkali	142659	100% Work completed on 24.03.2025
11	220KV SS Tekkali	Replacement of existing 33KV Bus isolator set & Line isolator set complete for 33KV Palasa feeder at 220KV SS Tekkali	142659	100% Work completed on 27.03.2025
12	132KV SS Chilakapalem	Replacement of 33 KV VCBs of 33KV PDR feeder	322088	100% Work completed on 28.02.2025
13	132KV SS Palakonda	Replacement of 33 KV VCBs of 33KV Sarubujjili feeder	322088	100% Work completed on 16.06.2024
14	132KV SS Palakonda	Replacement of 33 KV VCBs of 33KV Balijipeta feeder	322088	100% Work completed on 07.08.2024
15	132KV SS Palakonda	Replacement of 33 KV VCBs of Capacitor bank	322088	100% Work completed on 19.08.2024
16	220KV Gajuwaka SS	Providing smoke detectors and fire alarm system for 220kV Control room of 220/132/33kV Gajuwaka SS under RMI works 2023-24.	494159.08	Work completed on 14.11.2024
17	220kV Gajuwaka SS	Replacement of 132kV bus isolators of all the 132kV feeders except 132KV Zin-I & II feeders for both bus -I & II including 132kV PTs isolators with new 132kV isolators without earth switch at 220KV Gajuwaka SS under RMI scheme 2022-23.	-	work commnced on 10.12.2024 and 80% of the work completed.

SI No	Name of the Line/Substation	Description of the Work	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
18	220KV Parawada SS	Replacement of existing 220V 200AH HBL make tubular lead acid battery bank , Amara raja make Battery Charger along with DCDB with new 220V 200Ah tubular lead acid battery bank , battery charger under RMI 2023-24	5,05,960.73	220V 200AH Battery bank of Exide make is commissioned on 31.07.2024. Battery charger along with DCDB are yet to be received.
19	220KV VSS	Estimate towards application of RTV Silicon coating (High Voltage insulator coating) on 220KV bus & line isolators, Bus sectionalizer isolators, BPI, 220KV Bus PT, CB & LA in switch yard of 220KV VSS to eliminate the risk of flashover of insulators due to pollution	70,94,951.00	Completed as on 04.06.2025
20	220KV VSS	Estimate fortowards replacement of M/s Decosil make 220KV SRC insulators in jack & bus sections of 220KV VSS Switchyard due to failure of existing SRC insulators	20,55,715.83	77% completed as on 09.06.2025. OCC approval awaited for completion of remaining work . Shutdown requested for 4th & 5th of Aug-2025
21	220KV VSS	Estimate towards replacement of turn & twist mechanism, MOM boxes of 220KV bus sectionalizer isolators - 4 no's, MRS-I&II-line isolators with necessary accessories and replacement of MOM boxes of 220KV bus sectionalizer isolators - 4 no's at 220KV VSS	11,52,752.36	83% work completed. Remaining work will be taken up shortly
22	132KV Malkapuram SS	Detailed estimate for Replacement of existing 1No. 220v, 100AH Maintenance free battery set of Amar raja Make with new 1No. 220v, 100AH Lead Acid Battery set	4,00,530	Completed on 02.08.2024
23	132KV Narsingabilli SS	Replacement of 220V,100AH VRLA battery bank (make : Amar raja) with VRLA exide battry bank at 132KV SS,Narsinghbilli.	4,00,530	Completed on 04.08.2024
24	132KV Narsipatnam SS	Replacement of 220 V , 100 AH VRLA Battery bank (Make: Amarraja ) with tubular Lead acid batter bank at 132 KV SS Narsipatnam.	4,00,530	Completed on 16.05.2024
25	132KV Ramachandrapuram	Replacement of the existing old 132KV CTs, Las and 132KV Line Isolator, BUS Isolator connected to 132KV Ramachandrapuram- Kakinada-I feeder	3,73,434.00	29.01.2025
26	132KV Peddapuram	Replacement of existing old 33KV Bus Sectionalisers 4 & 2, line isolators connected to 33KV Jaggampeta, 33KV Samalkota, 33KV Kakinada feeders bays, bus and line isolators connected to 33KV Pithapuram feeder, 33KV Talluru Lift Irrigation feeders	7,39,885.00	24.05.2024
27	132KV Peddapuram	Replacement of existing old 132KV Pedapuram-Ramavaram-1 Line Isolator and 132KV Peddapuram-Kakinada-II Bus Isolator	2,47,907.00	15.11.2024

SI No	Name of the Line/Substation	Description of the Work	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
28	132KV Peddapuram	Replacement of existing old 132KV Post Type Insulators connected to 132KV Bommuru, 132KV Rajanagaram, 132KV Payakarao Peta feeders Bus Isolators and 132/33KV Power Transformers No. 1, 2 and 3 HV Isolators and 132KV Bus Sectionalisers I and II and supports to 132KV Samalkota-I feeder CB to Line Isolator at 132KV Sub-station, Peddapuram with new solid core insulators	9,85,217.00	02.04.2024
29	132KV Prathipadu	Replacement of aged 132KV Circuit Breaker connected to HV of 20/31.5MVA, 132/33KV EMCO make Power Transformer No. I	7,57,000.00	26.03.2025
30	220KVSS Samalkota	Replacement of Battery set of 110 cells, 200AH, 220V at 220KVSS Samalkota	5,10,795.00	23.11.2024
31	220KVSS Samalkota	Replacement of Battery Charger of 220V, 200AHwith DCDB for 220KVSS Samalkota	6,86,684.00	90% completed. Panel to be commissioned
32	220KVSS Kakinada	Replacement of 7Nos. Blade type 33KV Isolators with pipe type isolators for 33KV D3, Sarpavaram, Nagamallitota, Station Transformer, Bus PT set-1 at 220KVSS Kakinada	6,33,088.00	21.02.2025
33	220KVSS Kakinada	Replacement of old in service 132KV Lightning arrestors connected to 1) 132KV Peddapuram Ckt-1&II feeder and 2) 132KV Ramachandrapuram Ckt-I&II	10,81,684.00	28.02.2025
34	132KV Sub station, Peddapuram.	Replacement of Battery set of 110 cells, 200AH, 220V	5,10,795.00	19.11.2024
35	132KV Sub station, Peddapuram.	Replacement of Battery Charger of 220V, 200AHwith DCDB	6,86,684.00	90% completed. Panel to be commissioned
36	132KV Sub station, Peddapuram.	Painting of MS structures in 132/33KV Switch Yard with one coat of 1st grade Red oxide paint & with Single coat of 1st grade Aluminium paint at 132KV Sub station, Peddapuram.	3,51,271.00	20.02.2025
37	132KV SS Ramachandrapuram	Replacement of 3No. 132KV Current Transformers of 132KV Mummidivaram feeder pertains to 132KV SS Ramachandrapuram with new equipment under RMI scheme.	5,26,752.00	06.03.2025
38	132KV SS Ramachandrapuram	Replacement of 5No. 33KV Line Isolators of 33KV Tallarevu, 33KV Rayavaram, 33KV Gollapalem, 33KV Editha and 33KV Gangavaram feeders pertains to 132KV SS Ramachandrapuram with new equipment under RMI scheme.	3,22,104.00	04.04.2025
39	132KVSS Pratap Nagar	Replacement of existing 1No. 220V, 100AH Amararaja make battery charger with new 220V, 100AH battery charger suitable for Lead Acid Battery Set (Tubular) at 132KVSS Pratap Nagar.	4,92,499.00	90% completed.Panels are to commissioned

SI No	Name of the Line/Substation	Description of the Work	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
40	132KVSS Pithapuram	Replacement of existing 1No. 220V, 100AH Amara Raja make battery charger with new 220V, 100AH battery charger suitable for Lead Acid Battery Set (Tubular) at 132KVSS Pithapuram	4,92,499.00	90% completed. Panels are to be commissioned
41	132KVSS Silk Road Sugars	Replacement of existing 1No. 220V, 100AH Amara Raja make battery charger with new 220V, 100AH battery charger suitable for Lead Acid Battery Set (Tubular) at 132KVSS Silk Road Sugars	4,92,499.00	90% completed. Panels are to be commissioned
42	132KVSS Peddapuram	Replacement of existing old 132KV Peddapuram- Kakinada- 1 Bus and Line isolators at 132KVSS Peddapuram with new isolators under.	3,45,454.00	25.04.2025
43	220kv SS Bommuru	Estimate towards replacement of 33kv Vacuum circuit breaker connected to 33KV Bommuru-Dowleswaram Feeder at 220/132/33 KV Sub-station, Bommuru	315977	100% work completed. 22.12.2024
44	220kv SS Bommuru	Estimate towards material cost and labour charges towards replacement of 10 No.s existing 65 years age old, 132 KV Lightning Arrestors connected to various 132 KV feeders and erection of 6No's new lightning arrestors on 25MVA PTR-1 and 25MVA PTR-2 HV side at 220/132/33 KV Sub-station, Bommuru	484610.8	100% work completed 09.07.2024
45	220kv SS Bommuru	Estimate towards Material cost of 3 No. new 132 KV Isolator Set and labor charges towards dismantling of old existing 132 KV Isolator sets and erection of 3 Nos. new 132 KV Isolator Set connected to 132/33KV 50MVA PTR-2, 132/33KV 25MVA PTR-1 & 25MVA PTR-2. at 220/132/33 KV Sub-station, Bommuru	784923.96	100% work completed 13.04.2024 (50MVA PTR-2), 13.04.2025 (25MVA PTR-1), 30.01.2025 (25MVA PTR-2)
46	220kv SS Bommuru	Estimate towards replacement of 220kv Capacitive voltage transformer connected to 220KV Bommuru-GVK Feeder ( R phase ) at 220/132/33 KV Substation Bommuru under RMI scheme.	166685.44	100% work completed 08.07.2024
47	220kv SS Bommuru	Estimate towards replacement of 132kv Capacitive voltage transformer connected to 132KV Bommuru-Mallayyapeta-1 Feeder (R phase) at 220/132/33 KV Substation Bommuru under RMI scheme.	286114.42	100% work completed 30.01.2025
48	220kv SS Bommuru	Estimate towards replacement of 220kv Current transformer connected to 220KV Bommuru-Vemagiri-3 Feeder ( Y & B phase ) at 220/132/33 KV Sub-station, Bommuru	709360.1372	100% work completed 02.04.2024
49	220kv SS Bommuru	Estimate towards replacement of 220kv Current transformer connected to 220/132KV 100MVA PTR HV Current Transformer ( R, Y & B phase ) at 220/132/33 KV Substation Bommuru under RMI scheme.	1059645.706	100% work completed 07.03.2025

SI No	Name of the Line/Substation	Description of the Work	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
50	132KV Razole	Labour charges for dismantling of existing 33 KV Vacuum Circuit Breaker (Alstom make, SI.No :5784/P3, Mfg 1999) connected to 18.9/31.5 MVA PTR-I LV side and also erection with new Circuit Breaker including cost of material at 132 KV Substation Razole.	344722	100% work completed 11.09.2025
51	132KV Razole	Labour charges for dismantling of existing 2 Nos 132 KV Potential transforms (Mfg 1997 Class: 0.5) connected to 132KV Bus Bar and also erection with new 0.2 class PTs including cost of material at 132 KV Substation Razole	401508.86	100% work completed 24.01.2025
52	132KV Amalapuram	Material cost of 4 Nos. new 132 KV Isolator Set and labor charges towards dismantling of old existing 04 Nos 132 KV Center break Isolator sets of 132KV Mummidivaram Feeder Bus isolator, PTR-I, PTR-II & PTR- III HV side Isolators and erection of 4 Nos. new 132 KV Isolators Set at 132/33 KV Sub Station Amalapuram	1339086	100% work completed 23.09.2024
53	132KV Amalapuram	Labour charges for dismantling of existing 3 Nos 33 KV Current transformers Mfg 1986 connected to 33KV Bendamorlanka feeder and also erection with new Current transformers including cost of material at 132 KV Substation Amalapuram	190850	100% work completed 14.02.2025
54	EHT Lines Bommuru	132 KV Bommuru- Mallaiahpetta DC line Painting of rusted MS towers	2001964	100% work completed 06.06.2024
55	EHT Lines Bommuru	132 KV Bommuru- Nidadhavolu DC line Painting of rusted ms towers	2819108	100% work completed 31.01.2025
56	EHT Lines Bommuru	220 KV Bommuru- Vijjeswaram DC line Painting of rusted ms tower	3,41,818.88	100% work completed 20.12.2024
57	EHT Lines Bommuru	220 KV Vemagiri- Samalkota DC line Replacement of half rounded rusted G.I bolts and nuts including half rounf welding for certain DC towers from locations 76-151	2040546.5	50% work completed
58	132/33 KV Substataion Tanuku	Replacement of existing 2 Nos old and 0.5class 132KV Tanuku - Duvva feeder CTs with new 132KV 0.2class CTs under RMI 2022-23 Scheme (SI.No.15) at 132/33 KV Substataion Tanuku	364343	The work was completed on 10.07.2024.
59	220/132/33KV Substation- Duvva	Erection of 2nd Battery set (220V, 200AH, VRLA Type) with 220V, 200AH Battery Charger with DC DB at 220/132/33KV Substation- Duvva under RMI Scheme 2023- 24 (SI.No.35) .	916644	The Material was allotted from TLC stores and work will be commenced soon.
60	132kv SS Saggonda	Replacement of C&R panel for132KV Saggonda- NDD-II feeder at 132KV SS Saggonda under RMI 2023-24 Scheme(SI.No.07) .	1269976	The Material was allotted from TLC stores, Bommuru and work is under progress.
61	132kv SS Saggonda	Replacement of 1NO. 80AH Battery set having low IR values and Voltages with new Lead acid Battery set at 132KV SS Saggonda under RMI 2023-24 Scheme(SI.No.43) ..	354746	The work was completed on 18.11.2024.

SI No	Name of the Line/Substation	Description of the Work	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
62	132kV SS Saggonda	Replacement of 3NO. LV CT's of 31.5MVA PTR-1 which serves 20years at 132KV SS Saggonda under RMI 2023-24 Scheme(SI.No.42) ..	193000	The Material was allotted from TLC stores, Bommuru and work will be commenced soon.
63	220kV SS Pattiseema	Requirement of 1No.of 220V, 200AH VRLA Maintenance free Battery bank at 220/33kV SS Pattiseema under RMI 2023-24 Scheme(SI.No.36) .	488681	The Material was allotted from TLC stores, Bommuru. The estimate to be sanctioned to take up the work.
64	220kV SS Pattiseema	Requirement of 1No.of DCDB Charger for 220V, 200AH Battery Bank at 220/33kV SS Pattiseema under RMI 2023-24 Scheme(SI.No.37) .	686684	
65	132KVSS Pedatadepalli	Estimate for Replacement of existing old 2-Pole 132KV SF6 Circuit breaker , Protection CT's , Bus isolator and C&R Panel with new equipment for 132KV Traction feeder under RMI Scheme at 132/33KVSS Pedatadepalli. (approved under RMI 2022-23 scheme)(SI.No.05)	-	24.04.2025/100%
66	220/132 KV Substataion Nidadavole	Replacement of Old aged power cables of 33KV/440V , 11KV/440V station transformers under RMI 2023-24 Scheme (SI.No.18) .	500601	21.02.2025/ 100%
67	220/132 KV Substataion Nidadavole	Replacement of 132KV Saggonda -II feeder CT's having no Tan Cap including labour charges under RMI 2023-24 Scheme(SI.No.16)	1090773	Material drawn, work will be commenced soon.
68	220/132 KV Substataion Nidadavole	Replacement of 132KV Nallajarla Feeder CTs (3No's) due to ageing and High Line losses at 220KV SS Nidadavole under RMI 2023-24 Scheme(SI.No.33)	1059003	Material drawn, work will be commenced soon.
69	132kVSS Kovvuru	Replacement of 4 Nos 33kV ,400A blade type old& defective line isolator s(35 years), YOM :1988 with new 33 kV Isolators-800 A for 33kV Kovvuru,33kV Prakkilanka feeder &2 Nos 33kV Pasivedala feeder(Bus&line) <b>under RMI Scheme 2023-24(SI.No.47)</b>	255600	Material drawn, work will be commenced soon.
70	132/33KVSS Jangareddygudem	Painting of 132KV and 33KV Structures with one coat of red oxide and 1 coat of aluminium paint including scratching and cleaning of towers , cost of paint, brushes and labour charges at 132KV SS Jangareddygudem under RMI Scheme 2023-24(SI.No.59)	394022.92	06.12.2024/ 100%
71	132/33KVSS Jangareddygudem	Procurement of 1No. new 33KV Vacuum Circuit Breaker for existing old and obsolete 33 KV AREVA Make Circuit Breaker of 33KV Dharbagudem feeder at 132/33 KV Sub Station Jangareddygudem under RMI Scheme 2023-24(SI.No.51)	310083.24	31.05.2024/ 100%
72	132/33KVSS Jangareddygudem	Procurement of 220V, 100AH lead acid Battery set under RMI Scheme for replacement of existing old and obsolete Battery Set at 132KV SS Jangareddy gudem under RMI Scheme 2023-24(SI.No.52)	313016.12	24.10.2024/100%

SI No	Name of the Line/Substation	Description of the Work	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
73	132/33KVSS Jangareddygudem	Proposal for Erection of 1No. 2000A 33kV BUS SECTION Isolator at 132KVSSJangareddygudem under RMI Scheme 2024-25(SI.No.63)	38301.93	21.02.2025/100%
74	132KV SS ELURU	Replacement of 4Nos Pipe type Isolator sets (800 A) to replace the Knife type Isolators connected at Bus Side of 33KV Ashok Nagar, 33KV Kalaparru, 33KV Krishna Hessains and 33KV Vatluru Feeders available at 132KV SS Eluru under RMI	424819.00	22.12.2024/ 100%
75	132KV SS ELURU	Replacement of 1No.2Pole 132KV SF6 Circuit breaker, 2Nos. 132KV CT's of ratio (300-200-100/1-1-1A) and 1No.Control & Relay Panel Under RMI Scheme for replacement of existing old & Obsolete 2pole 132KV SF6 Circuit Breaker, Control & Relay Panel and also replacement of Protection CT's from 200-100-50/1-1-1 A to 300-200-100/1-1-1A for 132KV Traction-II feeder at 132/33KV SS Eluru under RMI Scheme 2022-23 (SI.No.03) .	1861305.00	27.01.2025/100%
76	132kv SS K.kota	Procurement of 1 No. LTAC Panel in place of existing old LTAC panel at 132/33 KV Sub Station Kamavarapukota under RMI Scheme.2023-24(SI.No.69)	2,03,051.92	04.02.2025 / 100%
77	132 KV SS Nidadavole	Replacement of aged 200AH Battery charger (Make:DUBAS) with new battery charger at 132 KV SS Nidadavole under RMI Scheme 2024-25(SI.No.13)	686684.22	Equipment drawn from stores on 05.03.2025 and to be erected. Estimate to be prepared.
78	132kv SS Narsapuram	Estimate towards replacement of existing 10Nos old & 1.0 class 33KV CTs connected to 33KV Narasapuram, 33KV Yelamanchili, 33KV Mogalthuru and 33KV Turputallu with new 10Nos 0.2 class 33KV CTs under RMI Scheme at 132/33KV SS Narasapuram under RMI Scheme 2022-23(SI.No.14).	4247000	On emergency basis 1 No CT utilised for 33 KV Bhimavaram feeder at 132 KV SS Bhimavaram and 1 No for 33 KV Palakollu feeder. Indent submitted through e-office for the said CTs. 1 No 33 KV CT allotted to 33 KV Palakollu feeder for regularise the transaction and CT has to be drawn. 33 KV Bhimavaram feeder utilised CT, allotment not given till to date. It has to be allotted.
79	132kv SS Bhimavaram	Estimate towards replacement of old 33KV ALSTOM make circuit breaker of 33KV Tidco feeder with new 33KV VCB under RMI scheme at 132/33KV SS Bhimavaram under RMI Scheme 2022-23(SI.No.12)	312965	19.10.2024 /100%

SI No	Name of the Line/Substation	Description of the Work	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
80	132kv SS Bhimavaram	Estimate towards replacement of existing 5Nos 0.5 class 33KV CTs connected to 33KV Mogallu feeder, 1No R -ph CT connected to 33KV Veeravasaram and 1No R-ph CTconnected to 33KV Bhimavaram feeder with new 5Nos 0.2 class 33KV CTs under RMISchemeat 132/33KV SS Bhimavaram under RMI Scheme 2022-23(SI.No.13)	103350	On emergency basis 3 Nos. CT utilised at 132 KV SS Nidadavole and the same were allotted work will be taken up soon
81	400kv SS Kalapaka,	Replacement of 400 KV Current Transformers-7 No's	47,49,500.00	Payment of bills were completed
82	400kv SS Kalapaka,	220V 400 AH battery charger -1 No	7,74,065.00	Material received , yet to be commissioned by service Engineer
83	400kv SS Kalapaka,	420 KV HCB isolator with double earth switch with solid core insulators -4 Sets	16,70,880.00	only solid core insulators received, Isolators yet to be received
84	400kv SS Kalapaka,	Supply and application of RTV SI coating for the equipment i.e., all 400kV and 220kV LA's, CVT's, CT's, PT's, Breakers, Isolators, Bushings, etc., available at 400kV SS, Kalapaka to avoid tracking	297,41,166.00	28.10.2024/100%
85	400kv SS Kalapaka,	Supply and replacement of existing MS type marshalling boxes with Al. powder coating Marshalling boxes at 400KV SS Kalapaka (including Civil and Electrical Portions)	92,99,831.00	28.02.2025/100%
86	400/220KV SS Vemagiri	supply and erection of Motor Operating Mechanism (MOM) Boxes with 3 mm thickness Aluminum cubical of 19000H grade with two times grey colour powder coated inside and outside the cubical, gear mounting arrangement, EPDM rubber and gland plate with fixing and also supply of 220kV Isolator earth switch Manual handle operating mechanism box, Earth switch moving contact assembly for 220kV Isolator , GI Phase coupling pipes with suitable clamp assembly for 220kV Isolator , GI down pipe for 220kV Isolator and other necessary components and replacement of old and damaged MOM	Nil	Work under process
87	400/220KV SS Vemagiri	Supply and commissioning of 220V 400AH VRLA type Battery bank set at 400/220 kV Sub-station, Vemagiri.	8,50,116.00	Battery bank received .on 05.10.2024
88	400KV SS , Kamavarapukota	Replacement of existing old 220V DC, 400AH VRLA type Battery bank EXIDE make of 110 cells, due to frequent troubles at 400kV SS, Kamavarapukota	2171773.99	Work execution will be started & completed in the first week of July 2025 depending on the availability of company personnel & MRT Engineers.
89	220kv Maradam-Pendurty DC line	Estimate towards replacement of existing disc insulator with SRC insulators from loc.103 to 130 of 220kv Maradam-Pendurty DC line in Vizianagaram District under RMI	17,30,838.61	Work completed on 30.04.2024

SI No	Name of the Line/Substation	Description of the Work	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
90	132kV Kothavalasa SS	Estimate towards Replacement of existing 1No HV CT in R-Phase of 132/33kV 31.5 MVA PTR-2 at 132 kV Kothavalasa SS in Vizianagaram District under RMI	3,53,658	Work completed on 23.01.2024
91	132kV Vontithadi SS	Estimate towards replacement of existing twin feeder C&R panel of 33kV B. Koneru and 33kV Padmanabham feeder with new panel at 132kV Vontithadi SS in Vizianagaram District under RMI	44,19,054	Work completed on 17.08.2024
92	220kV Garividi SS	Estimate towards replacement of the existing 33 kV Current Transformer (CT) (Make: HPE, Ratio: 400-200-100-50/1-1 A, Cl.: 1.0, Y.O.M: 1986) in R- Ph of 33 kV Rajam feeder with new 33 kV Current Transformer (CT) at 220 kV Garividi SS in Vizianagaram District under RMI	44,153.24	Work completed on 29.05.2024
93	132kV Bobbili SS	Estimate for Replacement of 3Nos 33kV CTs having CT ratio of 400-200/1-1 A with new CTs of ratio 400-200/1-1A for 33kV Bobbili feeder at 132kV Bobbili SS in Vizianagaram District under RMI	132459.72	Work completed on 29.09.2024
94	132kV Vontithadi SS	Estimate towards replacement of existing 1no. 33 kV feeder CT and 1 no. 33kV Line Isolator of 33kV Chittivalasa feeder with new equipment at 132kV Vontithadi SS in Vizianagaram District under RMI	2,00,000	Work completed on 12.11.2024
95	132kV Vontithadi SS	Estimate towards replacement of existing 2 nos 33kV Isolators of 33kV Padmanabham feeder with new equipment at 132kV Vontithadi SS in Vizianagaram District under RMI	200000	Work completed on 15.11.2024
96	132kV TB Vara SS	Estimate towards Replacement of existing twin feeder C&R panel of 33kV Gajapathinagaram, Nelimarla and 33kv Araku, L.Kota feeders with new panel at 132 kV TB Vara SS in Vizianagaram District under RMI	33011.85	Material allotted. Commissioning and erection work of twin feeder C&R panel of 33kV Gajapathinagaram, Nelimarla was completed on 08.10.2024 and remaining one was completed on 14.11.2024
97	132kV Kothavalasa SS	Estimate towards replacement of existing LT AC distribution panel at 132kV Kothavalasa SS in Vizianagaram District under RMI	718538	Work completed on 28.11.2024
98	220kV Garividi SS	Estimate towards Replacement of existing 3 No. 132 kV Current Transformers (R-Ph - Make: BHEL, SI No. 2223949, Ratio: 50-100-200/1-1,0.577-1 A, Cl.: 1.0, Y.O.M: 1992, Y-Ph - Make: BHEL, SI No. 2223950, Ratio: 50-100-200/1-1,0.577-1 A, Cl.: 1.0, Y.O.M: 1992, B-Ph - Make: BHEL, SI No. 2223948, Ratio: 50-100-200/1-1,0.577-1 A, Cl.: 1.0, Y.O.M: 1992) of 132/33 kV 31.5 MVA PTR -1 H.V with new CTs at 220kV Garividi SS in Vizianagaram District under RMI	495320.3	Work completed on 29.11.2024

SI No	Name of the Line/Substation	Description of the Work	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
99	220kV Garividi SS	Estimate towards Replacement of existing 33 kV Vaccum circuit breaker (Make: BHEL, Type: PVN 36, Y.O.M: 1988) of 33 kV Nellimarla feeder with new Vaccum circuit breaker at 220 kV Garividi SS in Vizianagaram District under RMI	327464.6	Work completed on 29.11.2024
100	132kV TB Vara SS	Estimate towards replacement of existing 6 nos. 132kV LAs (R-Ø, Y-Ø & B-Ø) on either side of 132kV Main BUS with new LAs at 132kV TBVara SS in Vizianagaram District under RMI	300000	Work completed on 18.01.2025
101	220kV Garividi SS	Estimate towards Replacement of existing 3 No. 132 kV Current Transformers of 132 kV Garbham feeder with new CTs at 220kV Garividi SS in Vizianagaram District under RMI	554208.2	Work completed on 24.02.2025
102	132kV Vontithadi SS	Estimate towards replacement of existing 132kV CTs (R-Ø & B-Ø) of 132kV Vontithadi-TBVara feeder with new CTs at 132kV Vontithadi SS in Vizianagaram District under RMI	800000	Work completed on 28.02.2025
103	132kV Vontithadi SS	Estimate towards replacement of existing 132kV CTs (R-Ø, Y-Ø & B-Ø) of 132kV Vontithadi-Garividi feeder with new CTs at 132kV Vontithadi SS in Vizianagaram District under RMI	1100000	Work completed on 28.02.2025
104	220kV Garividi SS	Estimate towards replacement of the existing 132 kV Garividi - Vontithadi feeder current Transformer (SI No. 2215505, Make: BHEL, Year: 1987, Cl.: 0.5) with new 132 kV Current Transformer under RMI scheme for 2022-23 at 220 kV Garividi SS in Vizianagaram District under RMI	186442.36	Work completed on 27.03.2025
105	132kV TB Vara SS	Estimate towards Laying of earth mat, providing earthing to the various disconnected equipment and existing disconnected earth pits and new earth pits for improving the strength of earth mat in 33kV Yard and Control Room of 132k/33kV TB Vara SS in Vizianagaram District under RMI	22,15,000.00	Work completed on 27.03.2025
106	220kV Garividi SS	Replacement of existing 132 kV SF6 circuit breakers of 220/132 kV, 160 MVA PTR-I L.V with new SF6 Breaker	7,01,657.09	Work completed on 20.02.2025.and labour portion bill pending.
<b>Total in Rs.</b>			118164100.1	
<b>Total in Crores</b>			11.81 Crores	

**ANNEXURE-II**

**Status of Additional works takenup in FY 2024-25 but not included in Resource plan**

S. No.	Name of the District	Name of the work	Original Line Length in Km	Original Length of the Line in CkM	Expenditure Incurred in 01.04.2024 to 31.03.2025 (in Cr.)	COD/Progress of Works in %	Expected date of Completion
<b>400kV Works</b>							
1	West Godavari	Augmentation of 1 No. 400/220kV, 500MVA ICT at 400/220/11kV SSGuddigudem	-	-	-	Detailed Engineering under progress.	Sep-26
2	Eluru	Augmentation of 1 No. 400/220kV, 500MVA ICT at 400/220kV SS Kamavarapukota	-	-	-	Detailed Engineering under progress.	Sep-26
<b>220kV and 132kV Works</b>							
1	Srikakulam	132kV DC line by making LILO of 132kVMOR-Pydibhimavaram(132kVSS) line to Pydibhimavaram(220/132kVSS)			<b>1.81</b>	1) Tower Foundation and Tower Erection works completed. 2) Stringing works completed. Jumpering works to be taken up at the time of charging. <b>Bay:-</b> Equipment testing works under progress.	Nov-25

2	Guntur	<p>1) 220/33 kV GIS at Nelapadu.</p> <p>2) Down stream network of 400kV Tallayaplem by making LILO of 220kV VTS Tadikonda 1 &amp; 2 circuits.</p> <p>3) Erection of 220kV DC line by making LILO of 220kV VTS-Podili to proposed 220/33kV Nelapadu GIS</p>				<p>Site civil works have been temporarily halted due to continuous rainfall and waterlogging at the site.</p> <p>Awaiting Route coordinates from CRDA to commence the Cable laying works.</p> <p>Drawing approvals under process for procurement of material by agency.</p>	Dec-26
3	Nellore	132/33kV Sub-Station at Mambattu and connected 132kV Multi Circuit Line(3.5 kM) by making double LILO of existing 132 kV Sullurpeta-Cherivi DC Line to Proposed 132/33kV SS Mambattu			0.09	<p>1) Work awarded on 22.05.2025.</p> <p>2) Substation Civil works under progress.</p>	Mar-26
4	Nellore	Stringing of 2nd circuit on existing 132kV feeder from 132kV SS Atmakur to 132kV SS Udayagiri and connected bays.			7.78	13.03.2025	
5	Kurnool	Reconductoring of 220 KV Gani-Somayajulapalli DC line by replacement of existing ACSR Moose conductor with ACSS Moose conductor and replacement of existing CTs and isolators of 220 KV Gani feeders with higher rating at 220 KV Switching station, Somyajulapalli.			13.96	16.03.2025	
<b>Total expenditure incurred</b>					<b>23.64</b>		

## ANNEXURE - II

(Additional works)

## Augmentation of Power transformers in FY 2024-25

SI No	Name of the Substation	Existing PTR	Proposed PTR Capacity in MVA	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
<b>220kV SubStations</b>					
1	220 KV SS Madanapalli	2x100	3x100	27,61,564.47	PTR was commissioned on 08.04.2024
2	220 KV SS Kuppam	2x100	3x100	14,43,975.95	PTR was commissioned on 19.06.2024
3	220 KV SS Palamaner	1x160+1x100	1x160+2x100	30,16,791.72	'PTR bay works almost completed and awaiting PTR allotment. PROGRESS:80%
4	220 KV SS Nagari	3x100	1x160+2x100	90,765.00	Technical sanction accorded and awaiting allotment of PTR
5	220 KV SS Renigunta	3x31.5	2x31.5+1x50	5,44,734.00	-
6	220 KV SS Renigunta	2X100+1X160	1X100+2X160	17,60,211.72	'PTR arrived at site on 29.03.2025 and works are under progress Progress:40%
7	220KVSS Palamaner	1X80+1X50	1X80+2x50	90,765.00	PTR and associated bay equipment are to be allotted Progress:15%
<b>Total in Rs.</b>				<b>97,08,807.86</b>	
<b>Total in Crores</b>				<b>0.97 Crores</b>	
<b>132kV SubStations</b>					
1	132kV SS Sullurpeta	2x31.5	3x31.5	-	Work under progress PTR to be allotted
2	132kV SS NV Gardens	3x31.5+1x50	2x31.5+2x50	-	PTR to be allotted & work to be taken up
3	132kV SS Adurupalli	3x16	2x31.5+1x16	27800167	2nd PTR Commissioned on 14.06.2024
4	132 KV SS Vontimitta	2X10/16 MVA	3x10/16MVA	3,34,558.00	PTR was commissioned on 20.4.2024
5	132 KV SS Duvvur	1*10/16 MVA + 1* 31.5 MVA)	(1*10/16 MVA + 2* 31.5 MVA)	49,90,831.00	Work under progress(70% completed by end of 2024-25) PTR to be allotted
6	132 KV SS T.G.Palli	3X10/16 MVA	10/16MVA+1x31.5MVA	262,71,086.93	PTR was commissioned on 17.4.2024
7	132 KV SS Burakayalakota	1x50+1x31.5	1x50+2x31.5	362,15,920.55	PTR was commissioned on 02.05.2024

SI No	Name of the Substation	Existing PTR	Proposed PTR Capacity in MVA	Expenditure Incurred in 01.04.2024 to 31.03.2025 (Rs)	COD/Progress of Works in %
8	132 KV SS Kuppam	2x50	3x50	47,93,199.35	PTR was commissioned on 22.05.2024
9	132 KV SS Irala	1x16+1x31.5	2x31.5	301,09,141.65	PTR was commissioned on 12.06.2024
10	132 KV SS Rompicherla	1x31.5+1x50	1x31.5+2x50	6,17,517.00	-
11	132 KV SS Madanapalli	2x50	3x50	90,765.00	Laying of structure foundations are under progress Progress:5%
12	132KVSS Tirupati	2x50	3x50	90,765.00	-
<b>Total in Rs.</b>				<b>131313951.5</b>	
<b>Total in Crores</b>				<b>13.13 Crores</b>	
<b>Total 220kV and 132kV Substations in Crores</b>				<b>14.10</b>	



01/12/2025	01/12/2025	CHEQUE WDL- CHEQUE TRANSFER TO- 243127	TRANSFER FROM 33888237865 AP ELECTRICITY REGULAT / 243127	16576	30,000.00
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