



सत्यमेव जयते

**DEPARTMENTALLY RELATED STANDING COMMITTEE
ON DEVELOPMENT (A) DEPARTMENTS**

ASSAM LEGISLATIVE ASSEMBLY

(SIXTEENTH ASSEMBLY)

DEMAND FOR GRANT NO. 62 FOR THE YEAR 2026-27

DEPARTMENT : POWER (ELECTRICITY)

TWENTY EIGHTH REPORT

Presented to the House on 22nd July, 2026

**ASSAM LEGISLATIVE ASSEMBLY SECRETARIAT
DISPUR : : GUWAHATI- 781006**

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**COMPOSITION OF THE DEPARTMENTALLY RELATED
STANDING COMMITTEE ON
DEVELOPMENT (A) DEPARTMENTS,
2026-27**

CHAIRPERSON

- | | |
|-----------------------|-----|
| 1. Shri Rupak Sarmah, | MLA |
|-----------------------|-----|

MEMBERS

- | | |
|------------------------------------|-----|
| 2. Shri Narayan Deka, | MLA |
| 3. Shri Bhaskar Sharma, | MLA |
| 4. Shri Tuliram Ronghang, | MLA |
| 5. Shri Munindra Das, | MLA |
| 6. Shri Pulok Gohain, | MLA |
| 7. Shri Bikan Chandra Deka, | MLA |
| 8. Shri Dhiraj Gowala, | MLA |
| 9. Shri Jakir Hussain Sikdar, | MLA |
| 10. Shri Abdus Sobahan Ali Sarkar, | MLA |
| 11. Shri Zubair Anam Mazumder, | MLA |
| 12. Smti. Diptimayee Choudhury, | MLA |
| 13. Shri Rupam Chandra Roy. | MLA |

SECRETARIAT

1. Shri Rajib Bhattacharyya, Secretary.
2. Shri Parag Kumar Medhi, Deputy Secretary.
3. Shri Baidurjya Bharali, Protocol Officer.
4. Shri Ashim Sonowal, Under Secretary.
5. Smti Juri Baishya, Superintendent.
6. Shri Akshay Chandra Baishya, Superintendent.

(ii)

INTRODUCTION

1. I, as Chairperson of the Departmentally Related Standing Committee on Development (A) Departments having been authorized by the Committee to submit the Report on their behalf, present this **Twenty Eighth Report** on Demand for **Grant No.62** relating to **Power (Electricity) Department** for the financial year 2026-27.
2. The Committee has considered the Demand for **Grant No.62** on the Budget Estimates for the year 2026-27 in its meeting held on **16th July, 2026**.
3. The Committee has been befitted with the assistance rendered by the Government representatives during the course of examination of the Budget Estimates under the aforementioned Grant for the year 2026-27. The Committee has formulated its observations taking into consideration the valuable submission rendered by official witnesses, during the course of consideration of the Budget Estimates.
4. The Committee would also like to place on record their deep sense of appreciation for the invaluable assistance rendered to them by the officials of Assam Legislative Assembly Secretariat attached to the Committee.
5. The Committee has considered the Draft Reports on 18th July, 2026 and approved it on the same day.

Place : Dispur
The 18th July, 2026.

Rupak Sarmah
Chairperson,
Departmentally Related Standing Committee
on Development (A) Departments,
Assam Legislative Assembly.

CHAPTER-I
POWER (ELECTRICITY)
GRANT NO-62

After presentation of the Budget in the House for the Financial Year, 2026-27, the Departmentally Related Standing Committee on Development (A) Departments in its meeting held on 16th July, 2026 discussed on **Grant No.62 (Power Department)**.

The Departmentally Related Standing Committee on Development (A) Departments in its meeting held on **16th July, 2026** examined the papers and documents received from the concerned department and took evidence of the Departmental representative. Besides, the Committee considered the Action Taken Report on the recommendations contained in the **27th Report** in addition to the scrutiny of the Budget provision.

	REVENUE	CAPITAL	TOTAL (Rs. In lakhs)
VOTED	79854.59	178087.63	257942.22
CHARGED	0.00	0.00	0.00

The detailed Budget Estimates under the **Grant No.62** for the Financial year 2026-27 are as below :-

(Rupees in Lakhs)

Revenue Accounts		
Head of Account	Major Head	Budget Estimates
2045	Other Taxes & Duties on commodities and Services	590.36
2801	Power	79264.23
4075	Capital Outlay on Miscellaneous General Service	13.00
4801	Capital Outlay on Power project	178074.63
6801	Loans for power project.	0.00
	Grand Total Rs.	257942.22

Budget provision under **Grant No.62** is relating to **the Power Department**. The amount so allocated before the House and is proposed to be spent in revenue and capital expenditure respectively.

CHAPTER-II POWER ELECTRICITY

Brief note in Respect of Grant No. 62 under the Inspectorate of Electricity for the Departmentally Related Standing Committee (DRSC) of Assam Legislative Assembly

Inspectorate of Electricity, Assam under the Power Department, Government of Assam is a Directorate Level establishment with the Chief Electrical Inspector -cum- Adviser as the Head of the Directorate (HoD).

The objective of the Inspectorate of Electricity is to implement and administer the following Acts, Rules and Regulations to ensure safety:

- i) Certain provisions of the Electricity Act, 2003 and Rules/Regulations made thereunder;
- ii) Central Electricity Authority (Measures Relating to Safety and Electric Supply) Regulations, 2023;
- iii) Certain provisions of the Assam Cinema (Regulation) Rules, 1960.
- iv) The Assam Electrical Licensing Rules, 2025.
- v) The Energy Conservation Act 2001.
- vi) The Assam Lifts and Escalators Act, 2006.
- vii) The Assam Lifts and Escalators Rules, 2010.

The Inspectorate of Electricity, Assam consists of Head Quarter Office at Guwahati and four (4) Zonal Offices at Silchar, Tezpur, Jorhat and Dibrugarh, all of which are under NON-PLAN. There is no Plan Scheme in so far as the Electrical Inspectorate is concerned. This Inspectorate does not execute any project work but is primarily concerned with administration of certain provisions the Acts and Rules/ Regulations stated above to ensure safety.

In the year 2025-26, there were no Schemes for implementation by this Inspectorate in respect of the Demand for Grant in the last year's Budget.

Followings are the salient points reflecting the working and relevant requirement of budget:-

1. Administration of Electricity Act 2003 and Rules/Regulations made there under:

The Electricity Act, 2003 and Central Electricity Authority (Measures relating to Safety and Electric Supply) Regulations, 2023 provides for safety and related rules to be followed by organizations/personnel involved in Generation, Supply/Transmission, Distribution and Utilization of Electrical Energy, with an objective to provide safety to Human/Animal Life and equipments/properties.

2. Administration of provisions of Assam Cinema (Regulation) Rules. 1960:

Under provisions of this regulation permanent Cinema Halls are to be inspected and tested from this Inspectorate every year for the purpose of issuing Electrical Safety Certificates.

The Cinema Operator's License are issued and renewed by the Inspectorate.

3. Administration of the provisions of the Assam Electrical Licensing Rules, 2025.

The Electrical Licensing Board is constituted by the State Govt. under the above regulation with the Chief Electrical Inspector -cum- Adviser, Assam as the ex-officio Chairman of the Board. The main functions of the Board are to grant Electrical Workmen permits, Supervisors certificate of competency and electrical contractor's license.

4. Co-ordinate, Regulate and enforce the provisions of the Energy Conservation Act 2001.

The office of the Chief Electrical Inspector -cum- Adviser is the Designated Agency for the State of Assam as per the Energy Conservation Act, 2001 to co- ordinate, regulate and enforce the provisions of the Energy Conservation Act within the state of Assam.

5. Administration of the Assam Lifts and Escalators Act, 2006 and Rules:

The Govt. of Assam enacted the Assam Lifts and Escalators Act, 2006 to regulate the installation, maintenance and safe operation of lifts and escalators within the state of Assam. Necessary Rules under the Act i.e. the Assam Lifts and Escalators Rules, 2010 was made in December 2010.

6. Inquiry of Electrical Accidents;

The Inspectorate of Electricity has to conduct inquiry into cases relating to electrical accidents as per provisions of the Section 161 (2) of the Electricity Act, 2003, as and when directed by the Government and also by the Hon'ble Court.

Budget and receipt of fund:

1. This Inspectorate submitted the Budget Demand under NON-PLAN in the format prescribed by the Finance Department and also submitted in Govt. Web site i.e www.finassam.in.
2. The budget on the grant during the last three Years are as follows:-

2023-24	Rs. 540.40 Lakh
2024-25	Rs. 664.74 Lakh
2025-26	Rs. 632.31 Lakh

3. There was no Plan Scheme in this Inspectorate.

4. Demand placed by this Inspectorate for the FY 2026-27 was as under:

1787	Inspectorate of Electricity	Rs. 649.90 Lakh
1788	Licensing scheme/Board	Rs. 25.81 Lakh

During the year 2025-26, total Budget provision for the Inspectorate as a whole was Rs. 664.74 Lakh including salary.

Sl. No.	Designation of the Post	Sanctioned Post at		Vacancy position As on June/ 2026	Remarks
		Head Office	Zonal Office		
1.	Chief Electrical Inspector-cum-Adviser.	1	-	Nil	By Promotion
2.	Addl. Chief Electrical Inspector-cum-Adviser.	1	-	1 (One)	By Promotion
3.	Deputy Chief Electrical Inspector	2	-	2 (Two)	By Promotion
4.	Senior Electrical Inspector.	1	4	2 (Two)	By Promotion
5.	Electrical Inspector (Senior Grade)	3	4	7 (Seven)	By Promotion
6.	Electrical Inspector.	-	4	Nil	
7.	Asstt.Electrical Inspector.	2	-	Nil	
8.	Sub-Asstt.Electrical Inspector.	4	4	5 (Five)	Direct Recruitment
9.	Stenographer.	2	-	1 (One)	Direct Recruitment
10.	Addl. Secretary, ELB.	1	-	Nil	
11.	Superintendent.	1	-	Nil	
12.	Senior Assistant.	5	4	2 (Two)	By Promotion
13.	Junior Assistant.	9	8	1 (One)	Direct Recruitment
14.	Accountant.	1	-	Nil	
15.	Record Keeper.	1	-	Nil	
16.	Driver.	6	4	2 (Two)	Direct Recruitment
17.	Duftry.	1	-	Nil	
18.	Chowkidar.	1	4	1 (One)	Direct Recruitment
19.	Peon./Electrical Jugali (MTS)	18	24	9 (Nine)	Direct Recruitment
	Total	60 Nos.	60 Nos	33Nos	

Present staff pattern of the Inspectorate of Electricity, Assam is shown below:

Details of works and activities carried out during the year 2025-2026 by the Inspectorate of Electricity, Assam are shown below:

A. Inspection works:

i) Inspection of High & Extra high voltage installations:	232 Nos.
ii) Approval of generating sets under CEA Regulation 34:	155 Nos.
iii) Inspection and approval of High rise buildings:	Nil.
iv) Periodical Inspection of Cinema Halls:	Nil.
v) Inspection of Lifts;	1035 Nos.
vi) Inspection of Escalators;	23 Nos.
vii) Electrical accident inquiries conducted as per direction of Government and Hon'ble Court:	09 Nos.

B. Licensing matters:

i) Electrical Supervisors certificate of competency granted to qualified candidates:	1862 Nos.
ii) New Electrical Contractors License granted:	255Nos
iii) Electrical Workmen permits granted:	4768Nos.

Total revenue collected from inspections & licensing matters:Rs.1,99,60,110.00

Since 15th October 2017 till date, the all G2B & G2C Services in relating to this Inspectorate of Electricity are online and operational within the Single Window Clearance System (EoDB) Assam.

The office of the Chief Electrical Inspector -cum- Adviser, Assam is also the State Designated Agency (SDA) for the State of Assam under the Energy Conservation Act, 2001 to coordinate, regulate and enforce the provisions of the Act in the State. In the matter of energy conservation works in the State, the Assam SDA is required to work in tandem with the Bureau of Energy Efficiency (BEE), Government of India, a statutory body under the Energy Conservation Act.

In order to activities in the Inspectorate of Electricity, Assam in respect of effective administration of the Act, Rules/Regulations keeping pace with increased works, it has become essential to expand the Inspectorate with additional workforce, infrastructural facilities like adequate vehicles, adequate travel expenses and regular release of monthly ceilings to meet obligatory payments.

PRELIMINARY STATUS PAPER RELATED TO GRANT 62 OF 2025-26

Rs. In Lakh					
Sl. No.	Project Description	Approved cost during 2025-26	Fund Received Status	Fund Utilization Status	Present Status
1	2	3	4	5	6
A	(Budget Head 4801-80-190-2062-501-20-99-SOPD-G-GA-V)				
	APGCL Normal work Component	10957.97	5820.89	Payment Done	Work completed.

PRELIMINARY STATUS PAPER RELATED TO GRANT 62 OF 2026-27

ASSAM POWER DISTRIBUTION CO. LTD. (APDCL)

(Rs. in Lakhs)

SI. No.	Name of Project/ Scheme	Budget Proposed during FY 2026-27	Present Status of the Fund
1	2	3	4
A	Grant No.62 (Budget Head 4801)		
1	Procurement of Distribution and Power Transformers.	2769.08	Rs. 31057.53 lakhs was budgeted in VoA Budget 2026-27 and Rs. 25818.64 released till date. In the Annual Budget 2026-27, Rs. 66410.89 lakhs is proposed.
2	Debt Servicing for RE related works Implemented by APDCL	7887.90	
3	Strengthening of Distribution Network .	758.40	
4	24x7 Protection towards wildlife corridor	854.99	
5	Electrification for Establishing On Grid Connectivity to Amarpur Char Area under Tinsukia Electrical Circle, APDCL	381.81	
6	STATE SHARE AGAINST ELECTRIFICATION OF UN ELECTRIFIED HOUSEHOLDS UNDER RDSS ADDL HH SCHEME	4090.95	
	Total	16743.13	
B	Grant No.62 (Budget Head 2801)		
7	Targeted Subsidy to APDCL	30000.00	
8	Tariff Subsidy	35000.00	
9	Energy Forecasting and Analytics	224.20	
10	PM Surya Ghar State Subsidy	10500.00	
11	Opex Charges for Smart Metering Project implemented by APDCL on DBFOOT basis under RDSS	5000.00	
12	Implementation of GIS-based Asset Mapping and Consumer Indexing in APDCL	1.09	
	Total	80725.29	
	GRAND TOTAL	97468.42	

ANNUAL REPORT OF THE APDCL

UNDER GRANT NO. 62

1) Strengthening of distribution network and infrastructure development:

Under the scheme, deficient areas in the distribution network have been taken up for execution of several projects such as renovation/upgradation of 33/11 kV Substation, 33 kV, 11 kV & LT lines, distribution substations to improve the overall safety of the distribution network of APDCL. The proposals pertaining to different electrical circles of three region of APDCL have been received at this end and thoroughly scrutinized based on the inherent priority to provide quality and reliable power supply to our valued consumers.

With view to the above, it is worthwhile to mention that for uninterrupted power supply to our valued consumers, to provide quality and uninterrupted power supply to our high valued consumers (Industries and Commercial consumers), to avoid delay of power restoration, to reduce fault incidences in flood prone areas, in theft prone areas, snapping of conductors, , ageing conductors to reduce AT&C Losses and in densely populated areas to eliminate any chances of electrical hazards and eventualities especially during flood/storms is executed at different locations in the FY 2025-26 under SOPD, Grant No. 62.

In the FY 2025-26, Rs, 5115.56 Lakh was budgeted under Grant No. 62. The work is 85% completed and Rs. 3694.00 Lakh received from Govt. of Assam.

2) Procurement, installation, augmentation and repair of distribution & power transformer along with lines, fittings and necessary civil works:

To provide 24X7 power supply by replacing all damaged transformers in time and also install new transformers as part of augmentation in order to meet the load growth and provide quality service to the consumers.

Currently, there are more than 88,000 nos. of 11/0.415 kV DTRs in entire APDCL distribution network. To provide 24X7 power, damaged transformers need to be replaced and to meet the load growth, new transformers with associated lines and fittings will be required. Procurement of DTRs shall facilitate replacement of damaged DTRs and meet up the need of the future loading/demand.

So, considering the urgent need of preventive, breakdown maintenance and to secure un-interrupted power supply to all consumers, the APDCL has proposed to procure distribution transformers, power transformers (different capacity) and to repair the damaged DTRs/PTRs located in different field offices to respond effectively in the event of any contingencies.

In this regard, it is worthwhile to mention that said scheme amounting to Rs.25008 Lakhs is approved in the Hon'ble Cabinet dtd: 26/10/2021.

In the FY 2025-26, Rs.6250Lakh budgeted, and total amount is released for the said scheme under Grant No. 62.100% work completed.

3) 24x7 Protection towards wildlife corridor: Assam is one of the richest biodiversity zones in the word consisting of world heritage sites like Kaziranga and Manas National Parks, DihingPatkai and other tropical rainforest, riverine grasslands and wetlands where numerous numbers of wild animals and endangered species like Golden Langoor, Hollock Gibbon, One Horn Rhinoceros, Elephants etc. live. In order to safeguard the life of these animals and endangered species, Conversion/heightening of LT & HT line within Eco-sensitive Zone of the Manas National Park & Tiger Reserve, also the area of Chatnapar (Bhukipar) falls under reserve forest, forest officer has requested for renovation/conversion of the bare conductor of the under Barpeta Electrical Circle. Certain areas under Nayekgaon Forest Range which include Kultungpara, Aaamguri and Nayekgaon where frequent movement of Golden Langur and Rhesus Macaque are recorded under Kokrajhar Electrical Circle. Also, under Guwahati Electrical Circle-II of APDCL, the areas of Chakardeo, Patgaon, Sajjanpara, Panichanda, Anderijuli, Rangapara, Hatimaraghuli (Natuun Rani), Mahendri, Belguri, Nalapara, Matia and Mikirpara are not properly guarded as such Range Forest Officer request for renovation of the line to avoid incidents during elephant movement in the corridors. Also, Shifting/heightening of 33kV Joypur feeder with MVCC and heightening of LT lines with 3 phase 4 wire ABC under Dibrugarh Electrical Circle as a safety measure towards wildlife is proposed.

To accommodate these projects the amount of Rs. 1400.00 Lakhs budgeted under SOPD 2025-26. The work is 100% completed and Rs. 531 Lakh received from Govt. of Assam

- 4) **State Share component of RDSS infrastructure work- loss reduction implemented:** Revamped Distribution Sector Scheme (RDSS) is a Govt. of India's scheme, launched with the objective of improving the quality and reliability of power supply to consumers through a financially sustainable and operationally efficient distribution sector. The scheme aims to reduce the AT&C losses to 12-15% and ACS-ARR gap to zero by 2024-25. The funding mechanism of RDSS Infrastructure Works- Loss Reduction, for Assam as a special category state, is as follows:

Project Cost : - Rs.257054.00 lakh

- 90% grant from Government of India - Rs.231348.00lakh
- 10% Utility/ State Contribution. Demand Amount: Rs. 25705.40 Lakhs

Rs.27776 Lakh has been budgeted in the FY 2025-26 for the said scheme under Grant No. 62 and full amount released.

- 5) **Electrification of establishing On-Grid connectivity to the Amarpur Char area under Tinsukia Elect. Circle:** Construction of 11 KV single circuit line with 14 (Fourteen) Nos. of 132 KV, C+6 type tower for crossing at Deopani, Dibang and Datung River as a part of extension of single circuit 11 KV line for electrification of the villages of Amarpur Char Area under Tinsukia Electrical Circle under APDCL for on-grid electrification of the villages of Amarpur&Gohpur Area under Tinsukia Electrical Circle, APDCL, Tinsukia from the nearest connectivity at Chapakhowa.

The total estimated amount against the works =Rs. 15,05,65,797.00

Rs.750 Lakh has been budgeted in the FY 2025-26 for the said scheme under Grant No. 62 and no fund released against the said scheme. 95% work completed.

- 6) **Additional Households under RDSS:** The Rural Electrification Scheme was implemented for Village and Household electrification in all the revenue villages of Assam. Through the implementation of DDUGJY-RE (erstwhile RGGVY Scheme) and DDUGJY-New Scheme for VEI, all villages in Assam are electrified as per the definition of electrification of MoP, GOI. Under DDUGJY-RE and DDUGJY-New Scheme, 42 nos. of New 33/11 KV Sub-Stations are commissioned and 68 nos. of existing 33/11 KV Sub-Stations are augmented for catering additional power. Moreover, for universal household electrification, Govt. of India launched a flagship program named "SAUBHAGYA". This program envisaged 100% household electrification in the entire country. Around 14.0 lakhs households are electrified in Assam under the Saubhagya Scheme.

Even after the implementation of Saubhagya, around 4.80 lakhs households remained un-electrified. Furthermore, a sanction has been received from REC Ltd. for electrification of 4.80 lakhs of households under DDUGJY-New Scheme in the State of Assam during the month of July, 2021. Around 3.68 lakhs households could be electrified, due to constraints of time and as per sanction the closure proposal of DDUGJY-New Scheme was sent to REC during the month of March, 2022, the deadline given by REC Ltd.

Around 1,27,111 nos. of household were remained un-electrified in the State of Assam even after the implementation of DDUGJY-New Scheme. As per the instruction from Ministry of Power, Govt. of India, these un-electrified households are proposed for electrification under RDSS.

Rs.4696 Lakh has been budgeted in the FY 2025-26 for the said scheme under Grant No. 62 and no fund released against the said scheme. 40% work completed.

- 7) **Rooftop solar PV station at Guwahati Medical College and Hospital:** Rooftop solar installations ensure efficient utilization of existing infrastructure while lowering carbon emissions and supporting the Government's broader goals for widespread renewable energy adoption across the State. Under this project, Grid-Connected Solar Power Plants will be installed at the Chief Minister's Secretariat, Dibrugarh, following the successful model implemented at JanataBhawan, Dispur. The project also includes Grid Connected Solar Power Plants to be installed at the KarBhawan buildings, Dispur and the Bijulee Bhawan, Guwahati building.

Rs.1200Lakh has been budgeted in the FY 2025-26 for the said scheme under Grant No. 62 and no fund released against the said scheme. 100% work completed.

8) EXTERNALLY AIDED PROJECTS:

1. Assam Power Distribution System Enhancement & Loss Reduction Project (AIIB):

Massive infrastructure push with total project outlay of around USD- 482.20 million under Externally Aided Project (Asian Infrastructure Investment Bank (AIIB) funded) for creation of:

- 196 Nos. of New 33/11 kV Sub-station- (Capacity 1670 MVA)
- 2772 C Km New 33 kV Sub-transmission line
- 4725.5 C Km New 11 kV Distribution line
- High Voltage Dist. System (HVDS) at 1140 locations.

Work order has been issued and execution of works has been started.

In the FY 2025-26, Rs. 67224.00 lakh was budget and released for the said scheme under Grant No. 62 and overall progress of 87% achieved till date.

Annual Report of the Department

Status of APGCL For the financial year 2025-26 is as follows: -

RUNNING POWER PLANTS (As on 29.06.2026)

1. Lakwa Thermal Power Station (97.2 MW):

Presently LTPS is generating an average of 55-60 MW (61.72%) load subject to availability of gas.

2. Lakwa Replacement Power Project (69.75 MW):

Presently LRPP is generating an average of 60-65 MW (93%) load subject to availability of gas and demand.

3. Namrup Replacement Power Project (98.4 MW):

Presently NRPP is generating an average of 85-95 MW (96.5%) load subject to availability of gas and demand.

4. KarbiLangpi Hydro Electric Project (100 MW):

At present KLHEP is generating at an average of 80-100MW (100%) as per availability of water and load demand.

5. Myntriang Stage-I Small HEP (9 MW):

MSHEP Stage-I generating at an average 4 MW-6 MW (66%) as per availability of water.

6. Myntriang Stage-II Small HEP (4.5 MW):

MSHEP Stage-II is generating at an average 1.5 MW -3 MW (66%) as per availability of water.

ONGOING PROJECTS OF APGCL

1. 120 MW Lower Kopili Hydro Electric Project:

The 120 MW Lower Kopili Hydro Electric Project is one of the staged developments of Kopili River valley. Located in the Dima Hasao and Karbi Anglong Districts of Assam. This will enhance the power generating capacity of the state. The run of river project is funded by Asian Development Bank (ADB) under its Assam Power Sector Investment Program. The Trial run and dry commissioning of the project was successfully completed in February, 2026. The 120 MW Lower Kopili Hydro Electric Project was virtually inaugurated by the Hon'ble Prime Minister of India Shri Narendra Modi on March 13, 2026. The Commercial Operation Date (COD) of the project is expected by the end of June, 2026.

2. 24 MW KARBI LANGPI MIDDEL -II SMALL HYDRO POWER PROEJCT:

APGCL is implementing a 24 MW Karbi Langpi Middle-II Hydro Power Project located in the West Karbi Anglong District of Assam. Hon'ble State Cabinet on 17.11.2023 approved the project for a total project cost of Rs. 417.32 Cr.

PMC (Package- IV), civil works (Package-I) and Hydro-mechanical (Package-II) contractors are engaged. Works are on-going. For Electro-Mechanical works (Package-III) tender has been floated on 21-05-2026.

3.25 MW Namrup Solar Power Project.

APGCL and OIL is implementing 25 MW Namrup Solar Power project in Joint Venture mode in Dibrugarh district, Assam. JV agreement has been signed on 8th Jan 2024. the project is expected to be completed by 2026-27. The project will generate around 50 million units of clean electricity.

UPCOMING PROJECTS OF APGCL SMALL HYDRO PROJECTS:

22.5 MW KARBI LANGPI MIDDLE-I HYDRO POWER PROJECT:

1. The revised project cost of Rs. 386.42 Cr. has been approved by APGCL Board on 11th board meeting held on 28.03.2024.
2. The project proposal was placed before PIB, GoA for approval on 10-10-2023, however the proposal was deferred and suggested to resubmit after financial closure of the project.
3. DEBT(70%) is Rs 189.34 Cr and EQUITY (30%) is Rs 81.15 Cr
4. NOCs from departments under KAAC viz. Irrigation, Agriculture, Forest and Fishery have been received.
5. Land documents of Project Affected Families (PAFs), amount of compensation for land, Zirat etc. are to be finalized from Karbi Anglong Autonomous Council.
6. Preliminary Identification Survey and demarcation of the important project locations has been carried out.

BRIEF NOTES OF THE SCHEMES FOR THE FY-2026-27:

1. Upgrade of Electrical and Automation System consisting HMI system upgradation with sWOIS system at LRPP

The sWOIS (Server Wärtsilä Operator Interface System) is a virtualized HMI platform designed to extend the lifecycle of power plant control systems while mitigating hardware obsolescence and cyber threats. It incorporates IEC 62443 standard security controls—including firewalls, OS hardening, and network segmentation—to protect critical operations. The integrated sWOIS Management System further ensures reliability by proactively monitoring device health and managing validated backups for rapid post-failure recovery.

Hence, for Upgrade of Electrical and Automation System consisting HMI system upgradation with sWOIS system at LRPP is considered against budget provision amounting to **Rs. 1280.00 Lakh** under Annual Plan 2026-27. The work will be executed by APGCL.

2. Supply installation and commissioning of 3 nos. Of, 220/11 KV, 21 MVA, 1 Phase Generator Transformer for KLHEP.

The 07 nos. 220/11kV, 21MVA Single Phase Generator Transformers of KLHEP were manufactured in the year 1982 and were commissioned in the year 2007. 06 nos. each of these transformers are used in the 02 nos. hydro turbines of KLHEP and 01 no. is kept as standby. Since commissioning, the transformers have been in continuous service till date i.e., for a period of more than 16 years. The overall age of the transformers is around 40 years, as it was kept ideal for more than 20 years due to delay in completion of the project. The useful service life of the transformer has been completed and condition of the Transformer have started to deteriorate due to ageing. Failure of any transformer will cause huge generation loss.

Hence, it is proposed to procure, install & commissioning of 03 (Three) nos. of 220/11kV, 21 MVA Single Phase Generator Transformers in phased manner for KarbiLangpi Hydro Electric Project (KLHEP), APGCL is considered against budget provision amounting to **Rs. 1650.00 Lakh** under Annual Plan 2025-26. The work will be executed by APGCL.

Brief Note of AEGCL under Grant No. 62

A. Budget Estimates for FY 2026-27 under SOPD-G Equity Share Capital to AEGCL amounting to Rs. 25000.00 Lakhs

i. Contribution to ASEB Pension Fund Trust

The Govt. of Assam vide Notification No. PEL.190/2004/69, dated 4 Feb. 2005 had made necessary commitment for extending support to meet deficit towards past unfunded liabilities of the existing employees/Pension-holders of ASEB and its successor companies in addition to other sources indicated in the said Notification.

ASEB Pension Trust is servicing Pension, Commuted Pension & Gratuity liability of the retirees of the successor companies of erstwhile ASEB. The estimated Cash outflow of Pension Trust for FY 2026-27 is

Rs.926.65 Crores and on the other hand, the Cash Inflow on account of BST, ED & interest income is around Rs.759.72 Crores, creating a shortfall of Rs.166.93 Crores. The Trust is ought to manage this shortfall by withdrawal from existing corpus and as such, the corpus may deplete by around Rs.15 Crores per month.

Although the estimated shortfall of ASEB Employees Pension Fund Trust for the FY 2026-27 is Rs.166.93 Cr., but due to Budget limitations, as other Capital/Non Capital schemes are also included under this Head and to accommodate all the schemes, the estimated deficit of ASEB Pension Trust is revised to Rs.150 Cr. Under the above circumstances, the GoA is requested for providing Budgetary Support of Rs. 150 Cr. to ASEB Pension Fund Trust for the whole FY 2026-27.

ii. Composite Schemes of Transmission and Distribution in NER (NERPSIP)

The Composite scheme of Transmission and Distribution in NER- 'North Eastern Region Power System Improvement Project (NERPSIP)' is a centrally funded scheme with 50% funding from Govt. of India and 50% funding from the World Bank and is being implemented by Power Grid Corporation of India Ltd. (PGCIL). As per the MOU signed between PGCIL and AEGCL, the extracts at clause No. 3.3 states "State Govt. (Govt. of Assam) shall reimburse all forms of state level taxes, duties and levies".

Now, PGCIL has submitted demand for total outstanding State portion of GST payable under NERPSIP for the works under AEGCL up-to 31.03.2026, i.e. 4th Quarter of 2025-26, for an amount of Rs.72.9450622 crore. Out of this, a total amount of Rs. 68.9530000 crore has been released by the Govt. of Assam till F.Y. 2025-26. Hence, the balance fund receivable now from the Govt. of Assam is Rs. 3.9920622 crore (Rs.72.9450622 crore - Rs. 68.9530000 crore).

Moreover, PGCIL had given tentative projected demand of the S-GST reimbursement for the F.Y. 2026-27 (1st qtr. to 4th qtr.) amounting to around Rs. 3.51 crore. This brings the total estimate to around Rs. 7.50 crore (Rs. 3.99 cr + Rs. 3.51 cr).

However, AEGCL is currently placing budget estimate proposal at present for only the outstanding receivable of Rs. 3.9920622 crore only, due to budgetary limitations.

iii. Augmentation of 2x100 MVA, 220/132 kV Rangia GSS by 2x200 MVA Auto-Transformer (Phase-I)

The project was proposed under SOPD-G 2022-23 with a Phase-I project estimate of Rs. 2000.00 Lakhs, for which AA was received during 2022-23. Revised AA was received during 2025-26 for revised project cost of Rs. 2086.00 Lakhs. Fund amounting to Rs. 2077.40 Lakhs against the project has been released during previous FYs (Rs. 229.00 Lakhs during 2023-24, Rs. 1771.00 Lakhs during 2024-25 and Rs. 77.40 Lakhs during 2025-26) which has been utilised. Phase-I of the project (augmentation of one 100 MVA transformer to 200 MVA) has been completed during 2024-25. Therefore, remaining project cost of Rs. 8.60 Lakhs is required for the project in FY 2026-27 for pending bills and associated works.

220/132 KV Rangia GSS supplies power to several 132/33 KV GSSs including Nalbari, Sipajhar, Kamalpur, Barnagar and Rangia. Earlier, the GSS had 2x100 MVA transformers which operated near full capacity during peak load, causing overloading, frequent blackouts and interruption of power from the Deothang Hydroelectric Project during transformer tripping. Therefore, to improve grid stability and meet growing demand in Lower Assam, the transformation capacity had to be augmented from 2x100 MVA to 2x200 MVA.

iv. Stringing of 2nd Circuit of 132kV Nazira-Jorhat (Garmur) Line alongwith associated terminal equipment

The project was proposed under SOPD-G 2022-23 with a project estimate of Rs. 1112.00 Lakhs, for which AA was received during 2022-23. However, proposal for revision of AA amounting to Rs. 1904.00 Lakhs was submitted during 2024-25, post tendering, which is yet to be received. Project cost of Rs. 50.00 Lakhs shall be required for the project in FY 2025-26, after revision of AA.

The districts of Jorhat, Sibsagar and part of Golaghat are presently fed through the 132 kV Nazira–Teok–Jorhat S/C line. During peak load conditions, the line experiences heavy loading,

leading to under-frequency tripping, forced load shedding and reduced redundancy during maintenance or breakdown of the 132 kV Garmur–Mariani D/C line. Several instances of tripping and load shedding have been recorded, highlighting the urgent need for stringing of the second circuit of the 132 kV Nazira–Teok–Jorhat line to improve reliability and redundancy of power supply.

v. Construction of 132kV Line Bay at 132kV APM GSS along with extension and strengthening of the bus system (Phase-I)

The project was proposed under SOPD-G 2023-24 with a Phase-I project estimate of Rs. 144.00 Lakhs, for which AA was received during 2023-24. Fund amounting to Rs. 119.761 Lakhs against the project has been released during previous FYs (Rs. 72.00 Lakhs during 2023-24, and Rs. 47.761 Lakhs during 2025-26). Therefore, remaining project cost of Rs. 24.239 Lakhs is required for the project in FY 2026-27.

To support the upcoming shipping port and proposed logistic park at Jogighopa, the nearby 132/33 kV Jogighopa (APM) GSS needs strengthening and augmentation to meet the increasing power demand. The substation, being over 40 years old, requires major renovation and expansion, including extension of the existing bus and gantry system which are already under excessive load stress. The project shall be completed during 2026-27.

vi. Height raising/erection of two numbers of new towers due to low ground clearance between tower loc no. 29 & 30 of Samaguri-Mariani Circuit-1

The project was proposed under SOPD-G 2024-25 with a project estimate of Rs. 83.00 Lakhs, for which AA was received during 2024-25. Whole project cost of Rs. 83.00 Lakhs is required for the project in FY 2026-27.

The 220 kV Samaguri–Mariani S/C transmission line, constructed in 1985, is presently in dead condition and is proposed to be charged soon to meet the load demand of Nagaon District. However, due to road upgradation at Khalihamari No. 2, Amoni, the ground clearance between tower locations 29 and 30 has reduced below the permissible limit, posing serious risk to human life and property. Therefore, urgent height raising/erection work is required before energisation of the line for the upcoming 220/33 kV Jakhlabandha GIS and to ensure reliable power supply in the region. The project shall be completed during 2026-27.

vii. SAS Upgradation at 220/132 KV Rangia GSS, AEGCL

The project was proposed under SOPD-G 2024-25 with a project estimate of Rs. 110.00 Lakhs, for which AA was received during 2024-25. Fund amounting to Rs. 91.27743 Lakhs against the project has been released during previous FYs (Rs. 45.63 Lakhs during 2024-25 and Rs. 45.647 Lakhs during 2025-26) which has been utilised. The project has been completed during 2024-25. Therefore, remaining project cost of Rs. 18.723 Lakhs is required for the project in FY 2026-27 for associated works.

The SAS and Gateways at 220/132 kV Rangia GSS, commissioned in 2014, had become obsolete and was facing frequent malfunction, SCADA breakdown, alarm failure, data discontinuity and metering issues, affecting control and monitoring of the switchyard. OEM inspection revealed faulty and non-recoverable servers with outdated hardware/software having no further support. Therefore, urgent upgradation and migration of the SAS system, including OS, Gateway PC and system license, was necessary for reliable and secure operation of the substation and associated equipment.

viii. Procurement of one 160MVA Transformer at Salakati GSS

The project was proposed under SOPD-G 2024-25 with a project estimate of Rs. 2310.00 Lakhs, for which AA was received during 2024-25. Project cost of Rs. 1800.00 Lakhs is required for the project in FY 2026-27.

To support major developmental projects in Assam and the North Eastern region, including railway electrification, Jogighopa Shipping Port, Logistic Park and Mega Food Park, AEGCL has established/planned several grid substations to meet the growing power demand.

Notably, the 220/132/33 kV Salakati GSS, which supplies power to most of Lower Assam districts, serves as the primary source of transmission in the region. Hence, strengthening and augmentation of the GSS is essential to ensure reliable power supply for the upcoming infrastructure and industrial projects. The project shall be completed during 2027-28.

ix. Construction of 132 KV D+0 tower (01 No) on pile foundation in place of river eroded tower at loc. No. 136 of 132 KV Dibrugarh-Tinsukia near sesa river, Lahoal, Dibrugarh

The project was proposed under SOPD-G 2024-25 with a project estimate of Rs. 196.00 Lakhs, for which AA was received during 2024-25. Project cost of Rs. 150.00 Lakhs is required for the project in FY 2026-27.

The tower near the Sesa River at Lahoal, Dibrugarh is under severe threat due to river erosion, with the river stream presently only 5.5 meters away from the tower. Hence, urgent protection and construction of a new pile foundation is required to prevent possible collapse. As the line is vital for power transmission in Dibrugarh District and the upcoming Chabua GSS is connected through LILO from this line, any interruption will severely affect power supply. The project shall be completed during 2026-27.

x. Construction of flood affected tower along with associated works of transmission line at loc 225 A of 132 KV NalkataGohpur line and loc 73 of NalkataDhemaji line

The project was proposed under SOPD-G 2024-25 with a project estimate of Rs. 198.00 Lakhs, for which AA was received during 2024-25. Project cost of Rs. 150.00 Lakhs is required for the project in FY 2026-27.

Tower Loc. 225A of the 132 kV Gohpur–Nalkata D/C line at Pohumara, North Lakhimpur is located in a permanently waterlogged marshy area, making the existing tower vulnerable to rusting and possible collapse. Similarly, Tower Loc. 73 of the 132 kV Nalkata–Dhemaji line near Podumani is under severe threat from erosion by the turbulent BhimparaBaliyan River. As these lines are crucial for power supply to Nalkata GSS, Dhemaji District, parts of Lakhimpur and Arunachal Pradesh, urgent replacement of the old towers with new towers on caisson/pile foundations is necessary to prevent possible blackout and ensure reliable power supply. The project shall be completed during 2026-27.

xi. Augmentation of the existing 132 KV Bus (ACSR Zebra Conductor) by HTLS Drake Conductor at 132/33 KV Kahilipara GSS, AEGCL

The project was proposed under SOPD-G 2024-25 with a project estimate of Rs. 963.00 Lakhs, for which AA was received during 2024-25. Fund amounting to Rs. 598.94647 Lakhs against the project has been released during 2025-26 which has been utilised. The project has been completed during 2025-26. Project cost of Rs. 150.00 Lakhs is required for the project in FY 2026-27 for associated works.

132 kV Kahilipara GSS, which caters to nearly 70% of Assam's capital load and adjoining areas of Guwahati, was operating under heavy load conditions, with bus loading reaching 200 MW during summer. The then existing 132 kV bus system with old ACSR Zebra conductors and structurally weak columns/beams required urgent augmentation and replacement with higher-capacity HTLS conductors to ensure reliable power evacuation and meet the growing demand in Guwahati and adjoining areas.

xii. Construction of 132kV Line Bay at 132kV APM GSS alongwith Extension and Strengthening of the Bus System (Phase-II)

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 419.10 Lakhs, for which AA was received during 2025-26. Fund amounting to Rs. 13.8991 Lakhs against the project has been released during 2025-26 which has been utilised. Project cost of Rs. 230.893 Lakhs is required for the project in FY 2026-27.

To meet the growing power demand of the Jogighopa Shipping Port and Logistic Park, the 40-year-old 132/33 kV Jogighopa (APM) GSS requires strengthening and expansion. While Phase-I works for strengthening of the 132 kV main bus have almost been completed, Phase-II includes earth filling and bus extension works, and Phase-III (to be proposed in subsequent FY) will cover construction of 132 kV bays and tower shifting/construction works. The project shall be completed during 2027-28.

xiii. Destraining of Existing Panther Conductor and Stringing of HTLS Conductor of 132 kV Khandong-Haflong LILO at 132 kV Umrangso GSS along with associated works

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 357.890 Lakhs, for which AA was received during 2025-26. Whole Project cost of Rs. 357.890 Lakhs is required for the project in FY 2026-27.

M/s Dalmia Cement North East Limited sought an additional load of 21.75 MW at Umrangso from the 132 kV Umrangso Substation. To meet this demand, the LILO line from the Khandong–Jiribam line to Umrangso is required to be upgraded with 600 Amp HTLS conductor. While PGCIL will upgrade the Khandong–Jiribam line, the LILO line upgrade is to be carried out by AEGCL. The project shall be completed during 2026-27.

xiv. Reconductoring of 132 kV Rangia- Nalbari Transmission Line using HTLS Conductor

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 1980.310 Lakhs, for which AA was received during 2025-26. Project cost of Rs. 900.00 Lakhs is required for the project in FY 2026-27.

Repeated snapping of conductors in the 132 kV Rangia–Nalbari S/C line due to aging has caused major load shedding in Nalbari and Barpeta districts and poses serious safety risks. As the line is also unable to operate at rated capacity amid rising traction, commercial and domestic load demand, augmentation of the line with HTLS conductor in place of existing ACSR Panther conductor is urgently required to ensure reliable and uninterrupted power supply.

xv. Reconductoring of 132 kV Kahilipara-Narengi line and 132 KV NarengiSonapur line using Panther Conductor

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 1206.760 Lakhs, for which AA was received during 2025-26. Project cost of Rs. 1000.00 Lakhs shall be required for the project in FY 2026-27.

The 132 kV Kahilipara–Narengi and Narengi–Sonapur (up to CTPS GSS) transmission lines, commissioned during 1977–78, have nearly 50-year-old conductors whose current carrying and mechanical strength have significantly deteriorated, making maintenance difficult and risky. Therefore, urgent overhauling of the conductors, along with painting and strengthening of the old mild steel towers prone to rusting, is necessary to meet growing power demand and ensure reliable operation of the transmission lines.

xvi. Reconducting of 220kV D/C Sonabil-Balipara line (Assam portion only) with HTLS Conductor

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 806.710 Lakhs, for which AA was received during 2025-26. Project cost of Rs. 600.00 Lakhs shall be required for the project in FY 2026-27.

HTLS Conductor can carry 2 times the current of a Zebra conductor due to better thermal resistance. The conductor is able to operate at high temperatures, i.e., 150°-250°C as compared to 75°C for Zebra Conductor. HTLS conductor can be installed on existing towers, without requiring new transmission corridor. The total load on the Sonabil-Balipara Ckt-1 & Ckt-2 is 464Amp (each Ckt) in the month of May, 2024, So, if one circuit gets tripped due to any cause the entire load i.e., $464 \times 2 = 928$ Amp shift to the remaining circuit. This will cause overcurrent in the second circuit, leading to its automatic tripping, which will result in a blackout at all the substations connected with Sonabil-Balipara Ckts. So, to avoid the blackout situation, reconductoring of both Sonabil-Balipara Ckt-1&2 is required. The project shall be completed during 2026-27.

xvii. Height Raising /Shifting of 132KV D/C Gauripur-Bilashipara Transmission line & 132KV S/C Gossaigaon-Gauripur Transmission Line

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 238.19 Lakhs, for which AA was received during 2025-26. Fund amounting to Rs. 98.6680 Lakhs against the project has been released during 2025-26 which has been utilised. Remaining Project cost is required for the project in FY 2026-27.

The 132 kV Gauripur–Gossaigaon and Gauripur–Bilasipara S/C transmission lines are vital links supplying power to Dhubri district and adjoining Assam–West Bengal border areas. However, towers at vulnerable locations are facing severe footing erosion due to the changing course of the Tipkai Hel River. As temporary protection measures are no longer sufficient against strong monsoon currents, permanent protection works are urgently required to prevent tower collapse and disruption of the transmission system. The project shall be completed during 2026-27.

xviii. Upgradation of the existing SAS at 132KV Bilasipara GSS

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 110.210 Lakhs, for which AA was received during 2025-26. Fund amounting to Rs. 110.00 Lakhs against the project has been released during 2025-26. Remaining Project cost of Rs. 0.210 Lakhs is required for the project in FY 2026-27.

The 132kV Bilasipara GSS established in 2016 is an important and vital substation in the Lower Assam Region. The existing SAS (Alstom make) at 132kV Bilasipara GSS has been in service since July 2016. Multiple issues relating to SAS malfunction have occurred and have been rectified in the recent years. Since almost 9 years have passed, upgrading the existing substation automation systems (SAS) is necessary to improve grid reliability, efficiency, and safety by enabling real-time monitoring, faster fault detection, and remote control, ultimately leading to a more robust and modern power system. The project shall be completed during 2026-27.

xix. Upgradation of the existing 132KV Bus with HTLS Conductor at 132KV Agia GSS

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 136.750 Lakhs, for which AA was received during 2025-26. Project cost of Rs. 110.00 Lakhs is required for the project in FY 2026-27.

The 220 kV Agia GSS is facing increasing load demand at the 132 kV side, with peak load reaching 127.80 MW, exceeding the capacity of the existing Zebra conductor bus system. To prevent possible failure of the saturated bus and to accommodate additional railway traction load from the upcoming 132 kV Railway TSS line, urgent upgradation of the bus with higher-capacity HTLS conductor is essential for reliable power transmission. The project shall be completed during 2027-28.

xx. Procurement of spare terminal equipment like Circuit Breaker, Current Transformer, Lightning arrester etc. for GSS under Lower Assam Region AEGCL

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 490.750 Lakhs, for which AA was received during 2025-26. Project cost of Rs. 398.063 Lakhs is required for the project in FY 2026-27.

There is an acute shortage of critical spare terminal equipment across various Grid Substations in the Lower Assam Region of AEGCL, which may delay restoration during unforeseen breakdowns, especially in peak summer season. Since procurement of such equipment is time-consuming and costly, advance procurement is essential to ensure quick restoration, uninterrupted power supply and reliable operation of the transmission network. Past incidents, such as the delay in restoring a malfunctioned 33 kV Circuit Breaker at 220 kV Sarusajai GSS due to non-availability of spare equipment, further highlight the urgent necessity of maintaining adequate spares. The project shall be completed during 2026-27.

xxi. Construction of new tower with pile foundation (40m pile) against erosion of tower footing at Loc 15 & 16 of 220KV Sonapur LILO D/C TL

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 1056.360 Lakhs, for which AA was received during 2025-26. Project cost of Rs. 150.00 Lakhs shall be required for the project in FY 2026-27.

Towers at locations 15 and 16 of the 220 kV D/C Samaguri–Sarusajai LILO line are situated approx. 15 meters from the Kapili River and are vulnerable to flooding, soil erosion and possible collapse during monsoon. As these towers carry power between Sonapur GIS and Samaguri GSS, any failure may result

in loss of around 190 MW power and blackout in parts of Morigaon and Kamrup districts. Hence, urgent relocation of the towers with pile foundation is essential to prevent future hazards.

xxii. Construction of new tower with pile foundation against erosion of tower footing at Loc 160 of 132KV Dhaligaon-Gossaigaon TL

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 97.950 Lakhs, for which AA was received during 2025-26. Whole Project cost of Rs. 97.950 Lakhs is required for the project in FY 2026-27.

The 132 kV Dhaligaon–Gossaigaon S/C transmission line, commissioned in 1980, is a vital link supplying power to Kokrajhar district, adjoining Assam–West Bengal border areas and NF Railway Traction Substation. However, Tower Loc. 160 is under severe threat of footing erosion due to the changing course of River Hel. As temporary protection measures are inadequate against strong monsoon currents, permanent protection work is urgently required to prevent tower collapse and disruption of the transmission system. The project shall be completed during 2026-27.

xxiii. Procurement and Installation of transmission line surge arrester (TLSA) for 132KV Dhaligaon-Gossaigaon and 132KV Dhaligaon-BTPS Transmission line

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 193.50 Lakhs, for which AA was received during 2025-26. Whole Project cost of Rs. 193.50 Lakhs is required for the project in FY 2026-27.

The 132 kV BTPS–Dhaligaon D/C and Dhaligaon–Gossaigaon S/C transmission lines experience frequent tripping during monsoon due to lightning-induced faults, leading to grid disturbances and blackout in several Lower Assam districts, besides affecting railway electrification. To reduce such tripping and improve grid reliability, installation of Transmission Line Surge Arresters (TLSA) at critical stretches of these lines was proposed. Installation has been considered for the top and bottom conductors of both the transmission lines for one-third of the total towers in each transmission line.

xxiv. Reconductoring of 132 kV Salakati- Kokrajhar 1st Circuit using HTLS Conductor

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 1148.045 Lakhs, for which AA was received during 2025-26. Project cost of Rs. 500.00 Lakhs is required for the project in FY 2026-27.

The 132 kV Kokrajhar GSS, established in 2016, is a vital substation supplying power to Kokrajhar and Dhubri districts. However, during tripping of the HTLS-equipped Salakati–KokrajharCkt-II, the existing ACSR Panther conductor of Ckt-I gets overloaded and trips, leading to complete blackout in the region. Therefore, urgent reconductoring of Ckt-I with HTLS conductor is necessary to ensure stable and reliable power supply.

xxv. Construction of one new B+0 tower with foundation in place of existing tower at loc no 412 of 132kV Depota-Dhekiajuli TL

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 38.230 Lakhs, for which AA was received during 2025-26. Whole Project cost of Rs. 38.230 Lakhs shall be required for the project in FY 2026-27.

Low ground clearance of the transmission line poses serious safety risks to people, vehicles and nearby structures, besides increasing the possibility of faults, flashovers and line tripping. Due to urbanization, road development and changes in ground profile, the statutory clearance requirement is no longer being maintained. Since rerouting is not feasible because of land constraints and existing suspension towers, increasing the tower height is the most practical and necessary solution to restore safe clearance, improve reliability and reduce maintenance issues. The project shall be completed during 2026-27.

xxvi. Construction of one new B+3 and one A+6 tower with foundation in place of existing tower at loc no 96 and 97 of 132kV Sonabil-BiswanathChariali-Gohpur TL

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 71.310 Lakhs, for which AA was received during 2025-26. Whole Project cost of Rs. 71.310 Lakhs is required for the project in FY 2026-27.

Low ground clearance of the transmission line poses serious safety risks to people, vehicles and nearby structures, besides increasing the possibility of faults, flashovers and line tripping. Due to urbanization, road development and changes in ground profile, the statutory clearance requirement is no longer being maintained. Since rerouting is not feasible because of land constraints and existing suspension towers, increasing the tower height is the most practical and necessary solution to restore safe clearance, improve reliability and reduce maintenance issues. The project shall be completed during 2026-27.

xxvii. Civil Works including construction of new approach road to facilitate 132 kV bus extension to accommodate future 132 kV bays at North Lakhimpur

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 402.640 Lakhs, for which AA was received during 2025-26. Project cost of Rs. 150.00 Lakhs is required for the project in FY 2026-27.

The 132 kV Nalkata GSS is a critical substation facing space constraints for future expansion due to the existing boundary wall and office building. To facilitate extension of the 132 kV bus system and construction of a new bay for the proposed Nalkata–Dhemaji 2nd Circuit, demolition of the existing office building and construction of a new office building, approach road and associated civil works have become essential. The proposed approach road will also ensure smooth transportation of heavy equipment and materials during construction and commissioning activities.

xxviii. Height raising at various affected locations (Loc No 02-09, 19-24, 150-155) of 132 KV Dibrugarh-Tinsukia line due to low ground clearance

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 632.940 Lakhs, for which AA was received during 2025-26. Project cost of Rs. 150.00 Lakhs is required for the project in FY 2026-27.

The 132 kV Dibrugarh–Tinsukia line, constructed around 1985, has comparatively low tower height, and subsequent development of roads and land beneath the line has reduced ground clearance at several locations below permissible safety limits as per CEA guidelines. Hence, execution of the height raising work is essential to ensure safety of the public and property.

xxix. Augmentation of 2x100 MVA, 220/132 KV Rangia GSS By 2x200 MVA Auto-Transformer (Phase-II)

The project was proposed under SOPD-G 2025-26 however, AA was not received. In this regard, the same has been proposed now under SOPD-G 2026-27 with re-estimated cost of Rs. 4083.329 Lakhs. Project cost of Rs. 204.166 Lakhs shall be required for the project in FY 2026-27.

220/132 KV Rangia GSS caters load demand of several 132/33 KV GSS viz. Nalbari, Sipajhar, Kamalpur and Barnagar including Rangia. 220/132 KV Rangia GSS presently have one no. of 200 MVA auto-transformer (commissioned under Phase-I of the project) and one no. of 100 MVA auto-transformer installed. The existing 100 MVA transformer at Rangia GSS is operating close to its maximum capacity, leading to frequent overloading issues. The augmentation will enhance the reliability of power supply in the region and cater to the growing load demand. This project will help reduce transmission losses and improve voltage stability across the network. With increased capacity, industrial and commercial sectors will benefit from a more stable power supply. The project is necessary to support future infrastructure developments and urban expansion in the area. Load growth projections indicate that without augmentation, power disruptions may increase significantly. The proposed augmentation aligns with Assam's long-term energy planning and development objectives. Strengthening the transmission network will ensure compliance with national grid standards and efficiency benchmarks.

xxx. Procurement and Installation of 02 Nos of 200 MVA 220/132 kV Transformer at 220KV Sonapur GIS

The project was proposed under SOPD-G 2025-26 however, AA was not received. In this regard, the same has been proposed now under SOPD-G 2026-27 with re-estimated cost of Rs. 7650.00 Lakhs. Project cost of Rs. 382.500 Lakhs shall be required for the project in FY 2026-27.

Commissioned in June 2018, 220 kV GIS Sonapur has a total installed capacity of 200 MVA (2x100 MVA). The substation feeds power in 132 kV Voltage level to Narengi, Chandrapur and Baghjap Substation and in 33kV Voltage level to Sonapur, Khetri and Air force Station Digaru substation. The maximum recorded load for the FY 24-25 is 124.26 MW with both the transformers running in parallel. This loading condition during the summer makes it difficult to take shutdown of any one of the Transformers. Also, the load at consumer end in and around Jagiroad is likely to increase exponentially in the coming years, with the development of small-scale industries. Thus, the total MVA capacity of 220 kV GIS Sonapur needs to be augmented.

xxxi. Civil Infrastructure for back up SLDC

The project was proposed under SOPD-G 2025-26 with a project estimate of Rs. 990.210 Lakhs, however, AA was not received. In this regard, the same has been proposed now under SOPD-G 2026-27. Project cost of Rs. 330.070 Lakhs shall be required for the project in FY 2026-27.

SLDCs play a critical role in coordinating and managing the real-time operation of state electricity grid. A backup SLDC shall ensure continuity during disruptions such as cyber-attacks, technical failures, and natural disasters. It can also support parallel grid operations, reducing the burden on the main control center. Establishing backup control centers also aligns with global best practices and recommendations from regulatory bodies like CERC. AEGCL currently operates only one SLDC and plans to set up a backup SLDC at Samaguri. AEGCL has planned for replacement of the existing SCADA/EMS system to latest SCADA/EMS control system for main control center and procure latest SCADA/EMS control system for setting up a backup control center. Funds for procurement of control systems shall be allocated from Power Sector Development Fund. Power Sector Development Fund has no provision for allocating funds for civil infrastructure. Therefore, AEGCL has been advised to seek alternate source of fund to construct building for setting up backup SLDC. The project is therefore proposed under SOPD-G.

xxxii. Revival of 132kV Srikona-Panchgram Line by Line Rerouting

132KV Panchgram-Srikona line is a critical transmission link for ensuring stability and reliability of Panchgram, Srikona and Pailapool GSSs catering to major load demand of Barak Valley. Its prolonged outage has weakened transmission redundancy, increased risk of voltage instability and possible power collapse during contingencies, besides affecting security of Srikona and Pailapool GSSs. The outage has also reduced the availability factor, leading to financial impact on AEGCL under AERC tariff provisions. Hence, urgent revival of the collapsed section of the 132KV Srikona-Panchgram line is essential for reliable power supply in the Barak Valley region. The project for “Revival of 132kV Srikona-Panchgram Line” with construction of 02 nos. of new towers (one D+9 with normal cross arm and another A+30 with composite insulated cross arm) and converting one existing B+12 to suspension tower with composite insulated cross arm was proposed for funding under SOPD Scheme 2022-23 and AA was received, post which tendering was done and work was awarded. However, due to contractual failure on contractor's part, the contract had to be cancelled. The Power Dept., GoA was also intimated regarding non-completion of the project vide letter dated 19.05.2025. Moreover, during the flood of 2024; major erosion was observed at project site leaving the nearby tower locations vulnerable to accidents due to further erosion. As a result of continuous erosion in the Barak River, an alternate route through the AIDC (erstwhile HPC) campus has been surveyed which will revive the line curtaining the need to cross the river. For rerouting of the line, construction of 07 nos. of new towers will be required. Also, dismantling of existing 06 nos. of towers will be done as these will no longer be needed due to line rerouting. Further, strengthening and upgradation of 132 kV Panchgram-HPC Bay at 132 kV Panchgram GSS would be required for managing power flow to 132 KV Srikona Line. In this regard, the project with est. amount of Rs. 1200.00 Lakhs is proposed now under SOPD-G scheme 2026-27 with budgeted amount requirement of Rs. 60.00 Lakhs.

- xxxiii. Replacement of dilapidated ACSR Pather Conductor of 132KV Depota-Dhekiajuli TL, 132KV Dhekiajuli-Rowta TL and 132KV Rowta-Rangia (UptoLoc No. 71 Rowta end) S/C TL**
The ACSR Panther conductor of the 132kV DepotaRowta -Rangia S/C Transmission line is in vulnerable condition and is exhibiting significant rusting in the inner layer of steel. It is worth mentioning here that in addition to 132kV Rowta GSS, 132/33 kV Dhekiajuli GSS and 132/33kV Tangla GSS are also connected as LILO to this 1963 constructed transmission line. Therefore, looking at the safety and reliability risk of 132kV Depota- Rowta -Rangia S/C Transmission line, the project "Replacement of dilapidated ACSR Pather Conductor of 132KV Depota-Dhekiajuli TL (45 Km), 132KV Dhekiajuli-Rowta TL (31 Km) and 132KV Rowta-Rangia (UptoLoc No. 71 Rowta end) S/C TL (51 Km)" is urgently required. In this regard, the project with est. amount of Rs. 1800.00 Lakhs is proposed now under SOPD-G scheme 2026-27 with budgeted amount requirement of Rs. 90.00 Lakhs.
- xxxiv. Shifting of Towers in between Loc No. 101 to 111 of 132 KV Hailakandi-Durlavcherra Line due to Soil Erosion at Tower Base**
The hillock of the tower bases in the 132 KV Hailakandi-Durlavcherra Line has suffered from major soil erosion due to flood and incessant rain during previous years due to which the tower bases are prone to collapse. Hence to protect the transmission line, shifting of the affected section (Loc. No. 101 to 111) is urgently required. Unavailability of these 132 KV Hailakandi-Durlavcherra lines will reduce the transmission reliability of 132 KV Durlavcherra GSS as in case of failure of the only remaining source, i.e., 132 KV Durlavcherra-Dharmanagar TL, there will be complete failure of the GSS which will severely affect those connected. Therefore, this project with est. amount of Rs. 800.00 Lakhs is of critical requirement and therefore is proposed now under SOPD-G scheme 2026-27 with budgeted amount requirement of Rs. 40.00 Lakhs.
- xxxv. Height Raising of various transmission lines under UAR**
Low ground clearance of the transmission line poses serious safety and reliability concerns, including risk of accidental contact, flashover, faults during adverse weather, and vegetation encroachment. Due to urbanization, road crossings, and changes in ground profile over time, the statutory clearance requirement of 6.1 m is no longer adequately maintained. As rerouting is constrained by land availability and existing towers, increasing tower height is the most practical solution to restore mandatory clearances, improve reliability, and reduce maintenance requirements. This project of height raising at affected locations of 15-47 years old TL's (132KV Dibrugarh-Tinsukia line, 132KV LTPS-NTPS D/C line, 132KV Mariani-LTPS line, 132KV LTPS-Mariani S/C line, 132KV N. Lakhimpur-Dhemaji Transmission line, 132KV Golaghat-Sarupathar line, 132KV Mariani-Golaghat line, 132KV Bokajan-Dimapur line, 132KV Nalkata-Gohpur D/C line and 132KV Nalkata-Majuli line) is of critical requirement and therefore is proposed now with est. amount of Rs. 2800.00 Lakhs under SOPD-G scheme 2026-27 with budgeted amount requirement of Rs. 140.00 Lakhs.
- xxxvi. HTLS Reconductoring of 132kV Mariani-Dimapur Transmission Line and height raising at various locations**
The 132kV Mariani-Dimapur S/C transmission line, commissioned in 1980 with a total length of approximately 135 km, is one of the important transmission corridors in the region. Over the years, load flow through the line has increased significantly due to commissioning of various LILO connections, namely 132kV Golaghat LILO (2009), 132kV Bokajan LILO (2010), and 132kV Sarupathar LILO (2022), for evacuation of power to Golaghat, Bokajan, and Sarupathar GSSs. Due to aging of the line and increased loading, conversion of the line to HTLS conductor has become necessary to enhance transmission capacity and to improve reliability. Also, vertical clearance of bottom conductors at several locations has reduced below the statutory minimum clearance of 6.1 metres prescribed under the Indian Electricity Rules/CEA regulations. Reduced ground clearance poses safety risks to public and infrastructure and may affect reliable operation of the transmission system. Therefore, height raising of bottom conductors at affected locations along with conversion of the line to HTLS conductor has become necessary and therefore is proposed now with est. amount of Rs. 14000 Lakhs under SOPD-G scheme 2026-27 with budgeted amount requirement of Rs. 700.00 Lakhs.

xxxvii. Various Civil Works under O&M

The proposed civil works under O&M are essential for safe and reliable operation of substations. The office building at Panchgram GSS and the control room building at Lakwa GSS are in dilapidated condition, requiring urgent renovation/construction. Further, absence of shift staff quarters at Rangia and proper security barrack at Haflong GSS is affecting round-the-clock operation and security management. Hence, the proposed works are necessary for efficient operation, maintenance and security of the transmission system. The project is proposed with est. amount of Rs. 2000 Lakhs under SOPD-G scheme 2026-27 with budgeted amount requirement of Rs. 100.00 Lakhs.

B. Budget Estimates for FY 2026-27 under EAP (Central Share) amounting to Rs. 55537.00 Lakhs and EAP (State Share) amounting to Rs. 14463.00 Lakhs

Central Share:

The Department of Economic Affairs, DEA has discontinued the Direct Disbursement Procedure for Externally Aided Projects (EAP) (where contractors were paid directly from the Bank on receiving of the verified claims from the implementing Agency) vide notification no.1/11/2017-ADB-1 Dated 29th September 2017 and instructed to follow Reimbursement Procedure for disbursement.

- a) Under Phase-I, Construction of 02 (Two) 400kV Substation along with associated transmission lines at Location-Rangia (Tamulpur) and Sonapur(Chamatapathar) which covers major share of project value (approx. 53% of Project Cost) is going on in full swing. High Value equipment like Power Transformers, GIS switchgear equipment, Underground cables, superstructures are in transit and is expected in the first half of FY 2026-27.
- b) Under phase-II, contracts of 03(Three) packages have been awarded and Civilandsupply works at the sites of 5 locations under 3 contract packages has already been started and is anticipated that claims will be submitted by the concerned contractors against the works.

**** The Budget expenditure for 2026-27 considered includes cost for both Phase-I and Phase-II amounting to Rs. 55537.00 Lakhs.**

State Share:

The Department of Economic Affairs, DEA has discontinued the Direct Disbursement Procedure for Externally Aided Projects (EAP) (where contractors were paid directly from the Bank on receiving of the verified claims from the implementing Agency) vide notification no.1/11/2017-ADB-1 Dated 29th September 2017 and instructed to follow Reimbursement Procedure for disbursement. Moreover, as per the standard tender clause of AIIB funded project, 10% of the contract value as mobilization advance is required to be paid to the contractor in order to make the contract effective and subsequently to ensure commencement of work. GST reimbursement claims made against the bills submitted by the EPC and expenses against Right of Way and other overhead expenditures are to be covered from the State Share Fund.

**** The Budget expenditure for 2026-27 considered includes cost for both Phase-I and Phase-II amounting to Rs. 14463.00 Lakhs.**

Annual Report of AEGCL

During the last three years, the technical progress of AEGCL in construction of EHV substations, Transmission lines and OPGW network including Augmentation of existing capacity of Grid Substations and Transmission Lines are as follows:

Sl. No.	Item	FY 2023-24	FY 2024-25	FY 2025-26
1	Total Transformer Capacity (in MVA)	9340	10030	10052
2	No. of Substation	81	82	82
3	Maximum Load Handled (in MW)	2413.27	2684.27	2842.76
4	Transmission Network (in ckt Km)	5270	5426	5342
5	OPGW Network (in Km)	2200	2800	2800
6	Transmission Loss (%)	3.28	3.24	3.22
7	Transmission Availability (%)	99.50	99.08	99.58

**Action Taken on Observation and Recommendation made by DRSC in its Report No.
Twenty Seven (Grant No. 62) of 2025-26**

1. Observation and Recommendation:

The Committee recommends that one new sub-station should be installed at Lala Sub-Division under Katigorah LAC.

Action taken:

It may be mentioned that Lala ESD falls under Katlicherra LAC, Hailakandi Dist. and Katigorah LAC is in Cachar Dist and under Kalain ESD.

Works undertaken in Lala ESD as follows:

At present the power supply under Lala ESD is fed from 4 nos. of 33/11 kV substations i.e. Lala Distribution Substation (DSS), Katlicherra DSS, Manipur DSS, Aynakhal DSS**.

The 132/33 kV Panchgram Grid Substation of AEGCL already exists in the vicinity of the location at a distance of approx. 4-5 km from Katigorah. Additionally, construction of a new GSS under Patharkandi is presently under consideration.

The following works have been completed under AIIB:

1. 33/11 kV (2x5)MVA**Aynakhal Substation is completed and charged.
2. HVDS
 - (i) 100 kVA- 7 nos.
 - (ii) 63 kVA- 20 nos.
 - (iii) 25 kVA- 10 nos.
 - (iv) 11 kV line= 29 ckm
 - (v) LT ABC= 21.3 ckm

The following works going on under RDSS :

1. 11 kV line= 193.55ckm(105.24ckm completed)
2. 11 kV MVCC = 14.07 ckm(5.85 completed)
DTR
 - (i) 25 KVA= 90 nos. (37 nos. charged)
 - (ii) 63 KVA=188 nos. (117 nos. charged)
 - (iii) 100 kVA= 62nos.(38 nos. charged)
 - (iv) 250 kVA= 6 nos. (4 nos. charged)

Additionally, a new 33/11 kV Substation has been proposed at Gharmurah in RDSS (phase-II) which falls under the jurisdiction of Lala ESD. Subsequently, on the recommendation of the DRSC the proposal is processed and will be executed under SOPD subject to approval and availability of fund from Govt. of Assam.

Works undertaken in Katigorah LAC (under Kalain ESD):

1. A New 33/11 KV (2x5) MVA Distribution Sub-Station with line length of 33 kV=10.56 ckm and 11 kV= 9.35 ckm has been set up at Rajpur under Kalain ESD in Katigorah LAC, under AIIB Scheme.

2. To address the low voltage issues in Katigorah LAC, new DTRs are being installed under HT RDSS Schemes & HVDS scheme under Kalain ESD. The details given below:

Under AIIB the following works have been completed:

1. 11 kV line 6.514 ckm
2. LT AB cable: 7.787 ckm
3. DTR -24 nos.
- (i) 63 KVA= 14 nos.
- (ii) 100 KVA= 8 nos.
- (iii) 25 KVA= 2 nos.

Under RDSS the following works are going on:

1. 11 kV line= 29 ckm(11.39ckm completed)
DTR
- (i) 25 KVA= 6 nos.(5 nos. charged)
- (ii) 63 KVA=27 nos.(14 nos. charged)
- (iii) 100 kVA= 14 nos.(12 nos. charged)
- (iv) 250 kVA= 1 nos. (charged)

2. **Observation and Recommendation:**

The Committee observes that Katigorah LAC is facing shortage of Power supply. Therefore, to alleviate such condition of power supply, the Committee recommends that all 16 KV & 25 KV transformer should be up-graded.

Action taken:

1. A New 33/11 KV (2x5)MVA Distribution Sub-Station with line length of 33 kV=10.56 ckm and 11 kV= 9.35 ckm have been set up at Rajpur under Kalain ESD in Katigorah LAC, under AIIB Scheme.

2. To address the low voltage issues in Katigorah LAC, new DTRs are being installed under HT RDSS Schemes &HVDS scheme under Kalain ESD. The details given below:

Under AIIB the following works have been completed.

1. 11 kV line: 6.514 ckm
2. LT AB cable: 7.787 ckm
3. DTR -24 nos.
- (i) 63 KVA= 14 nos.
- (ii) 100 KVA= 8 nos.
- (iii) 25 KVA= 2 nos.

Under RDSS the following works are going on:

1. 11 kV line= 29 ckm
DTR
- (i) 25 KVA= 6 nos.
- (ii) 63 KVA=27 nos.
- (iii) 100 kVA= 14 nos.
- (iv) 250 kVA= 1 no.

3.Observation and Recommendation:

The Committee reiterates its earlier recommendation that Lumding LAC is facing shortage of power supply. Therefore the Committee recommends for installation of 133/32 Power substation to overcome the hardship. In this connection land has already been allotted and survey has also been conducted.

Action taken:

For construction of one no. of 132/33 kV 2X50 MVA GSS at Lumding, specification has been finalised and tender document has already been prepared. However, due to non-finalization of funding source, tender has not been floated.

4. Observation and Recommendation:

The Committee recommends that one new Solar Plant should be installed at each LAC of Assam.

Action taken:

APDCL has installed a total of **1,44,662** Rooftop solar plants, with an aggregate capacity of **476.43MW** (as on **30.06.2026**) across all 35 districts of Assam under the PM Surya Ghar Muft Bijli Yojana (details are enclosed at **Annexure A**).

The PM Surya Ghar Muft Bijli Yojana also includes a "**Model Solar Village**" component with the objective of developing one Model Solar Village in each district of the country. The scheme envisages the constitution of a District Level Committee (DLC) for overall monitoring and implementation of the scheme at the district level. The constitution of DLCs has been completed in all 35 districts of Assam. After the selection of the Model Solar Village by the respective DLC, the Assam Energy Development Agency (AEDA) will prepare the Detailed Project Report (DPR) and submit the same to the Ministry of New and Renewable Energy (MNRE). As of now, Model Solar Villages have been selected in five districts and two DPRs have been completed. (details are enclosed)

APDCL is also actively implementing large-scale solar power projects across the State. A total of **245 MW** of large scale ground mounted solar capacity has already been commissioned under the **Build-Own-Operate (BOO)** mode for supply of power to APDCL.

Further, a **50 MW Solar Power Plant at Borsola, Sonitpur**, is being developed by **SJVN Green Energy Limited (SGEL)** under the BOO mode and is on the verge of completion. Another **200 MW** of solar capacity under the BOO mode, to be developed at suitable locations across Assam, is also under implementation.

In addition, APDCL has pipeline of approximately **2,000 MW**, proposed to be developed through Joint Venture Companies (JVCs) formed with leading Central Public Sector Undertakings (CPSUs), namely **NLC India Limited** and **SJVN Limited**.

To facilitate higher integration of renewable energy into the grid and enhance grid reliability, advanced energy storage solutions, including **Pumped Storage Projects (PSPs)** and **Battery Energy Storage Systems (BESS)**, are also being pursued. Pumped Storage Projects with a cumulative capacity of nearly **5,900 MW** are currently under development in the State by private developers. In the BESS segment, a total capacity of **250 MW** is proposed to be developed through a Joint Venture Company with **OTPC**, of which the first **25 MW** project is already under implementation.

Moreover, APGCL OIL Green Power Limited (AOGPL), a joint venture company between APGCL and OIL incorporated on 21.02.2025, is implementing the 25 MW (Phase-I) Namrup Solar PV Project within the Namrup Thermal Power Station campus. The project is under construction. The total estimated project cost is

Rs. 115.86 Cr. with gross annual contribution of APGCL & OIL is 51% & 49 % respectively. The project is expected to be completed within this FY.

Further APGCL had requested Deputy Commissioners of each district of Assam for allotment of land for setting up of Solar Power Project in the district via letters. However, no response obtained.

5. **Observation and Recommendation:**

The Committee recommends the Department to provide regular electricity bills to the Tea Garden Households in the entire State.

Action taken:

Regular Electricity bills are provided to all the Tea Garden households having Postpaid meter connections. In case of Prepaid meter connections, monthly bills are generated which is made available through website, mobile application and SMS.

6. **Observation and Recommendation:**

The Committee reiterates its earlier recommends to shift the transformer placed near ManashaMandirSagalpara, Lokhra (in front of the land of Mrs.Bhattacharjya and Mr.Rangsal) to other nearby place in the SagalparaLokhra area of Guwahati within one month).

Action taken:

A survey was conducted in relation to the issue of shifting the transformer situated near ManashaMandir, Sagalpara, Lokhra in front of the land of Mrs. Bhattacharya and Mr.Rangsal to a nearby place. During the inspection, it was observed that the present location of the DTR is at the load centre and the LT loads are distributed uniformly on both sides of the road. Alternate feasible location not yet found.

Further, with the verbal discussion with the Local MLA, the alternate location will be provided for shifting of the transformer.

7. **Observation and Recommendation:**

The Committee recommends the Department to take necessary steps for shifting all the Electric poles which are located near the market areas/ town areas to suitable place.

The Committee also observes that an electric pole is found in a dangerous condition behind Hotel Rajdhani Regency near Lastgate. Therefore, the Committee directs the Department to remove/replace the pole at the earliest.

Action taken:

Three numbers of tilted aged concrete poles which have been already dismantled in the entrance of Rukmininagar road, Last gate area and new Steel Tubular poles are erected and 11 KV conductors have been changed to covered conductor.

8. **Observation and Recommendation:**

The Committee recommends the Departmental officers to make arrangements for installation of one Sub-station near BhaktadobaBajar under Sarukhetri Constituency and near Silchar Medical College.

Action taken:

A proposal for construction of 33/11 kV sub-station (2x5MVA) at Naligaon (Bhaktardoba) of Saukhetri LAC under Barpeta District had already been proposed under RDSS 2nd phase considered and under process for approval from Govt. of India.

Subsequently, on the recommendation of the DRSC held on 23-10-2025 at Barpeta, the required land was handed over by the Circle Officer, Sarthebari Revenue Circle, on 23/06/2026, the tender process has been started and will be executed from SOPD subject to approval and availability of fund.

Also, 33/11 kV Silchar Medical College Substation has been commissioned, charged and loaded.

9. **Observation and Recommendation:**

The Committee observes that Panbari village under Tezpur Sub-division in Rangapara LAC has not been provided electrification yet.

Therefore the Committee recommends the Department to electrify as soon as possible so that the public can be benefited.

Action taken:

Construction of electrical lines (11 KV line 0.82 KM, 3 Ph line 0.19 Km and 1 Phase 0.70 Km) and transformer (63 KVA x 1) have been completed at Panbari village, Rangapara LAC under Tezpur ESD2, Service kit connections in all 27 unelectrified households of the village have been completed, meter installation completed in 6 household and pending in 21 households, works is going in full swing.

10. **Observation and Recommendation:**

The Committee recommends that drawing of 33KVA line from Dullabcherra (Sribhumi District) to Gharmurah (Hailakandi district) should be installed.

Action taken:

A new 33 KV line from Dullabcherra to Latakandi has been sanctioned under AIIB-funded ADSELR project and the said line is under construction under Lala ESD and 75% work is completed.

11. **Observation and Recommendation:**

The Committee observes that the residents of Bikash Nagar, Kailashpur, Odalbakra (in front of the house of Mr. Deka) are facing problems as the overhead LT line got reduced to less than the required standard height posing as danger to residents of the area.

Therefore, the Committee recommends the Department to take immediate necessary action to solve the problem by replacing existing concrete poles as per requirement and overhead steel wires by insulated cables.

Action taken:

The low lying LT lines at Odalbakra, Bikash Nagar, Kailashpur (in front of the house of Mr. Deka) have already been heightened with PSC Poles.

12. **Observation and Recommendation:**

The Committee recommends the Department to shift electric poles and to re-install by insulated wires from Kayakuchi Bazar to Fazu Bazar, Tapa Chok, Pakabetbari development block. The Committee also recommends to shift electric poles and re-install by insulated wires from Kalijhar to Nittananda Chowk.

Action taken:

Reconductoring & dismantling works of 33kV Tapa feeder at Bartapa, Galia, Purona Bazar, Purana Bhawanipur, Jamtol area have been completed.

Moreover, for renovation regarding installation of insulated wires from Kayakuchi to Fazu Bazar, Tapa Chowk, Pakabetbari Development block is proposed and will be executed under SOPD subject to approval and availability of fund from Govt. of Assam

13. **Observation and Recommendation:**

The Committee recommends to install electric substation at Bhaktardoba Bazar and Barbala under Sarukhetri LAC.

Action taken:

A proposal for construction of 33/11 kV sub-station (2x5MVA) at Naligaon (Bhaktardoba) of Sarukhetri LAC under Barpeta District had already been proposed under RDSS 2nd phase considered and under process for approval from Govt. of India.

Subsequently, on the recommendation of the DRSC held on 23-10-2025 at Barpeta, the required land was handed over by the Circle Officer, Sarthebari Revenue Circle, on 23/06/2026, the tender process has been started and will be executed from SOPD subject to approval and availability of fund.

14. **Observation and Recommendation:**

The Committee recommends that new electric connections to be provided to the disadvantaged people under Sarukhetri LAC.

Action taken:

New Electricity Connections under Sarukhetri LAC is implemented under Additional Household under RDSS. The details of electricity connections are as follows:

Sl No.	Total Awarded HH Electrical Connection	Already Done	Connections yet to be released
1	2908 No.	650 No.	2258 No.

The Project completion date is March 2028 and all connections would be completed within project timeline.

GRANT NO.62

POWER (ELECTRICITY) DEPARTMENT

OBSERVATION AND RECOMMENDATIONS FOR THE YEAR 2026-27

1. The Committee recommends that the quality of Distribution Transformers (DTRs) be properly monitored and ensured. Whenever any DTR is found to be malfunctioning, the Department should take immediate steps to repair or replace it without unnecessary delay and should not wait for the MLA's permission before initiating the necessary action.
2. The Committee recommends the Department to undertake extensive awareness and promotional activities to encourage the adoption of Solar Energy Schemes among the public to the greatest extent possible.
3. The Committee recommends that the Department conduct meetings in each district with the respective MLAs and the Deputy Commissioner to identify and allot suitable land for the implementation of Solar Energy Schemes.
4. The Committee observes that some of the existing power distribution lines in some rural areas are over the bamboo poles causing serious safety threats in areas of Bhuyakhat, Ganakpara, Segnnpara area of Tangla LAC; Dolabari and some other villages under Baokhungri LAC and Raidangjuri area of Titabar LAC.
The Committee recommends the Department to make necessary assessment in all the areas and take steps for standard and safe distribution lines with PC Poles.
5. The Committee observes that the action taken on observation/recommendation (no.13) from the previous report have not been completed in respect of installation of a sub-division at Barbala.
The Committee recommends the Department to take up the construction work of the sub-station at the earliest.
6. The Committee also recommends that the transmission/distribution lines to the Beki river in Char area, Mini Shimla and Sarcharia to be repaired at the earliest.
7. The Committee recommends the Department to take immediate steps for electrification of unelectrified households in Banyaguri, Bagdurga gaon under Gauripur LAC area under some suitable scheme.
The Committee further recommends that power supply in Satbaini area under Agomoni SDE should be improved immediately and the Department should take necessary steps at the earliest.
8. The Committee recommends to take safety issues of electrical workers and public to be taken as a priority to avoid electrocution/electrical accidents. All the low height distribution lines that poses safety threats due to raising of roads, embankments or damaged poles to be raised immediately.
The Committee recommends that the process of payment for compensation in electrical accidents/deaths should be streamlined/simplified to ensure immediate relief to the victim/NoK.
9. The Committee observed that the Department have not taken any action regarding the shifting of Transformer placed near Manasa Mandir Sagalpara, Lokhara as per the Previous recommendation of 2025-26.
The Committee recommends the Department to submit a detail report within 15 days as to why the works have not been carried out till date.

10. The Committee observed that the shifting of electric poles located near all major market areas/ town areas were not carried out as per the recommendation from the previous report 2025-26(sl. no. 7) and many electric poles are located in the middle of the roads.

The Committee recommends the Department to take immediate action without undue delay. Timely relocation will not only enhance public safety but also help reduce the overall cost of the relocation process.

11. The Committee further recommends that the Sub-Divisional Office (SDO) of a Constituency be located within the jurisdictional radius of its respective LAC to ensure better accessibility and efficient service delivery.
12. The Committee recommends the Department to conduct proper survey of the transformers across the State in order to prevent overloading and if so found, it should be immediately altered.
13. The Committee observed that the transformer located in Ganeshnagar Swargapur area, Basistha and Barahata Baishya Chuburi under Baihata Chariali Sub-division, Kamrup (R) are experiencing significant overloading. The Committee therefore recommends that the capacity of the transformer should be enhanced to meet the increasing electricity demand and ensure a reliable power supply.
14. The Committee recommends the Department to shift and relocate the Games village Sub-station.
15. The Committee recommends the Department to examine the feasibility of providing power supply to the Barkhetri area through Chamata Feeder and the Mukalmua Sub-station instead of the existing Hajo Freeder as the present network traverses multiple channels resulting in an unnecessary long distribution line.
16. The Committee recommends that electrical wiring connections be laid underground and that unused electric poles obstructing the beautification of Tinsukia Town be removed.
17. The Committee also recommends the Department to install Sub-station at Tinsukia by-pass.
18. The Committee recommends the Department to renovate and upgrade the existing 33kV Joyma GSS- Fakiragram main power line to ensure stable and reliable electricity supply.

The Committee also recommends the Department to renovate and strengthen the 33kV Fakiragram- Kokrajhar power line for uninterrupted electricity supply.

19. The Committee recommends that Batadrava Than (birth place of Shrimanta Shankardev) under Nagaon- Batadrava LAC should be powered with a dedicated power line. The Department should also make all the necessary initiative to enable to supply 24 hrs uninterrupted power.

The Committee recommends that the Budget allocation provided under Grant No.62 for Financial Year 2026-2027 for the Power (Electricity) Department be approved by the August House.

===X===