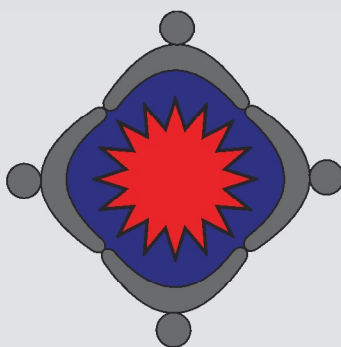




ANNUAL REPORT

ବାର୍ଷିକ ବିବରଣୀ

2023-24



Together, let us light up our lives

**ODISHA ELECTRICITY
REGULATORY COMMISSION**



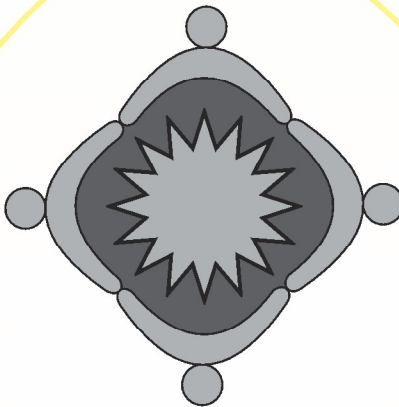
Celebration of Republic Day



Celebration of Foundation Day of OERC

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Together, let us light up our lives

ODISHA ELECTRICITY REGULATORY COMMISSION

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CONTENTS

Sl. No.	Description	Page No.
1.	Mission Statement	1
2.	Overview of the Commission	1
3.	Profiles of Chairperson and Members	3
4.	Functions of the State Commission	5
5.	Organizational Structure of the Commission	6
6.	Activities of the Commission	7
6.1	Activities of Tariff Division	7
6.2	Activities of Engineering Division	26
6.3	Activities of Regulatory Affairs Division	36
6.4	Activities of Secretariat & Administrative Functions	60
7.	The State Advisory Committee (SAC) Meetings of OERC	66
8.	Annual Statement of Accounts	66
	Annexures	68
1.	Annual Guaranteed & Overall Performance Reports for the FY 2022-23 (Annexure-1)	69
2.	Officers & Staff of the Commission (Annexure-2)	71
3.	Minutes of meetings of the State Advisory Committee (SAC) of OERC (Annexure-3)	73
4.	Organizational Chart of OERC (Annexure-4)	99



MISSION STATEMENT

The Odisha Electricity Regulatory Commission (OERC) is committed to achieve the goal for creating an efficient and economically viable electricity industry in the State. It balances the interests of all stakeholders while fulfilling its primary responsibility to ensure safe and reliable supply of power at reasonable rates. It is guided by the principles of good governance such as transparency, accountability, predictability, equitability and participation in discharge of its functions. It safeguards the interests of the State while giving a fair deal to the consumers.

2. OVERVIEW OF THE COMMISSION

- (1) The Odisha Electricity Reform Act, 1995 (Odisha Act 2 of 1996), in short OER Act, 1995 was enacted for the purpose of restructuring the electricity industry, for rationalization of Generation, Transmission, Distribution and Supply of Electricity, for opening avenues for participation of private sector entrepreneurs and for establishment of a Regulatory Commission for the State, independent of the state government. OER Act, 1995 is the first of its kind in the country. The Electricity Act, 2003 has been modelled mostly on the provisions of the OER Act, 1995, except the Open Access and Market Development as additional features.
- (2) An important component of power sector reforms is establishment of an independent autonomous Regulator, the Odisha Electricity Regulatory Commission (OERC) for achievement of objectives enshrined in the OER Act, 1995. It became functional on 01.08.1996, seven (7) years before the enactment of Electricity Act, 2003, with the joining of its three Members, as the pioneer Electricity Regulator of the country.
- (3) The property, interest on property, rights and liabilities belonging to the erstwhile Odisha State Electricity Board (OSEB) were vested in the State Government as on 01.04.1996. All loans, subventions and obligations of the Board towards the State stood extinguished. The State Government classified the assets, liabilities and proceedings acquired by the State as well as the assets, liabilities and proceedings relating to the undertakings owned by the State Government and transferred to (a) Generation Undertaking (b) Transmission Undertaking and those which were not classified within (a) & (b) were treated as residual assets. The State Government was empowered to vest the Undertakings in GRIDCO & OHPC which the State executed only after upward revaluation of assets less usage allowance as on the same day and restructured the Balance Sheet of GRIDCO and OHPC with altogether a fresh and new financial model.
- (4) The Grid Corporation of Odisha Limited (GRIDCO) was incorporated under Companies Act, 1956 on 20.04.1995. All Transmission and Distribution Undertakings were transferred to GRIDCO on 01.04.1996 with upvalued cost with a restructured Balance Sheet. It was to engage in the business of procurement, transmission & bulk supply of electric energy apart from planning, co-ordination & load forecast.
- (5) The Odisha Hydro Power Corporation Limited (OHPC) was incorporated under the Companies Act, 1956 on 21.04.1995. All the generation assets of Government as well as OSEB were transferred to OHPC on 01.04.1996. This Corporation took the responsibilities



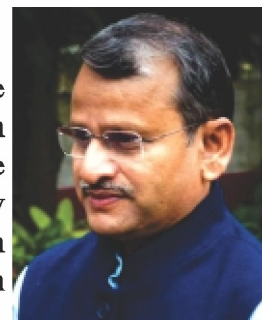
of operation of ongoing Hydro Power Stations. 49% of the share of the Odisha Power Generation Corporation (OPGC) were disinvested to the US based AES Transpower Inc. in January, 1999.

- (6) As a sequel to the passing of the Act, the distribution and retail supply of power were privatized in Odisha and the management of the four subsidiary companies in charge of distribution of power in the Central, Northern, Southern and Western zones of Odisha, namely CESCO, NESCO, SOUTHCO and WESCO were entrusted to private companies which took over 51% of the shares. Subsequently GRIDCO became a deemed trading licensee with effect from 10.06.2005. The Odisha Power Transmission Corporation Ltd. (OPTCL) was incorporated and vested with the intra-state transmission & functions of the State Load Despatch Centre (SLDC) on the same date. The performance of OPGC, OHPC and OPTCL including SLDC is monitored by the Commission on quarterly basis.
- (7) The Commission had revoked the licence of CESCO w.e.f. 01.04.2005 in Case No. 39/2001 dated 26.02.2005 and licences of NESCO, WESCO & SOUTHCO w.e.f. 04.03.2015 in Case No. 55/2013. The Commission formulated a scheme under Section 22 of the Electricity Act, 2003 on 08.09.2006 to run the Central Electricity Supply Utility which was created after the revocation of licence of CESCO. Similarly, the Commission appointed CMD, GRIDCO as Administrator to run the Utilities of NESCO, WESCO and SOUTHCO w.e.f. 04.03.2015.
- (8) In the meantime, the Commission has vested the Utilities of CESU with TPCODL on 01.06.2020, WESCO & SOUTHCO with TPWODL & TPSODL respectively on 01.01.2021 and NESCO with TPNODL on 01.04.2021 after cancellation of licenses of erstwhile DISCOMs (CESCO, NESCO, SOUTHCO & WESCO). TPCL has acquired 51% of equity share capital of CESU, NESCO, WESCO and SOUTHCO for Rs. 178.50 Cr., Rs. 191.25 Cr., Rs. 255.00 Cr., and Rs. 127.50 Cr. respectively. The balance 49% of the Equity shares is held by the Government of Odisha without any money consideration through GRIDCO. TPCL has furnished performance guarantee of Rs. 150 Crs. each for the four DISCOMs to the Commission. The 51% share capital purchase money was transferred to GRIDCO after the closure of the transaction. The Commission reviews the performance of the Distribution Licensees on annual and half-yearly basis.
- (9) The Electricity Act, 2003 was enacted by Govt. of India and came into force w.e.f. 10.06.2003. The Electricity Act, 2003 aims to promote competition, protect interest of consumers while supplying electricity to all areas, rationalize electricity tariff, ensure transparent policies regarding subsidies and provide an enabling regulatory environment. Besides allowing private investments in all the segments of the electricity supply chain, the Act provides various measures to introduce competition in the electricity industry. Now, the Chairperson and Members of OERC are appointed under section 82(5) of the Electricity Act, 2003 (No. 36 of 2003) which is the Central Act.
- (10) The OERC completed 27th year of its operation on 01.08.2023. Since 09.06.2016, the Commission is operating at its New Building at Plot No. 4, Chunokoli, Shailashree Vihar, Bhubaneswar-751 021.



3. PROFILES OF CHAIRPERSON & MEMBERS (Till 17.11.2023)

Shri Suresh Chandra Mahapatra, formerly of the Indian Administrative Service, joined the Odisha Electricity Regulatory Commission as Chairman on 1st March, 2023 after retiring from the post of Chief Secretary which he held from 1st January, 2021 to 28th February, 2023. Born on 4th February 1962, Shri Mahapatra completed his M.Sc. Tech in Applied Geology from Indian School of Mines, Dhanbad in 1985. He joined the Indian Administrative Service in 1986 after a brief stint in ONGC.



In an illustrious career in IAS spanning over 36.5 years, Shri Mahapatra has held multifarious positions both at District and at State level. Shri Mahapatra started his career as Sub-Collector, Nuapada in undivided Kalahandi District in 1988. After a stint of ADM and Project Director, District Rural Development Agency he served as Collector of Bhadrakh, Kandhamal and Puri districts. He is credited for successful handling of Riots in Kandhamal district in 1994, 2007 and 2008. He conducted Navakalevar Festival in Shree Jagannath Temple Puri in 1996 and 2015 successfully as Collector and Chief Administrator of Shree Jagannath Temple. He was specially deputed to Puri and Bhadrakh districts during and after super cyclone of 1999. Shri Mahapatra also worked as Managing Director of Odisha State Cooperative Milk Federation (OMFED) for about 6 years.

As far as power sector is concerned, Shri Mahapatra has unique distinction of working in distribution, transmission, trading and generation sector for about 6 years and was involved in Power Sector Reforms in the State from the very beginning.

He was appointed as Administrator of Central Distribution Company after exit of AES abruptly. He worked as CEO, CESU for about 2 years. Later on, he worked as MD of GRIDCO (Transmission and Bulk Supply Company) from 2003 to 2006. He was Secretary to Government, Energy Department twice in 2008 and 2014 for a period of about 2 years during which time massive rural electrification work was taken up in the State. He also served as Chairman of OHPC and OPGC, the generating companies.

Shri Mahapatra has also worked as Secretary to the Government in Water Resources Department for about 5 years and Additional Chief Secretary in Forest and Environment Department for 4 years. During this tenure he started the community managed eco-tourism model in the State which has become a grand success with more than 50 Nature Camps at present in scenic locations, giving livelihood to forest dependent communities.

Shri Mahapatra served as Development Commissioner cum ACS in Planning and Convergence Department of the State for about 2 years where he was involved in budget preparation exercise for the State and monitoring of various plans and programmes. He headed the Committee which successfully auctioned the mineral blocks after amendment of MMDR Act on the orders of Supreme Court of India. This resulted in huge revenue generation for the State which fuelled investment in various sectors in the State.

Shri Mahapatra served as Chief Secretary of the State from 1st January, 2021 to 28th February, 2023. He played the pivotal role in management of Covid-19 Pandemic successfully in the State. As Chief Secretary he was also non-executive Chairman of all 4 private distribution companies.

He relinquished the responsibility of Chairperson, OERC with effect from 17.11.2023.



Shri Gajendra Mohapatra, Member Officiating Chairman (from 28.11.2023 to till date)



Shri Gajendra Mohapatra, Member born on 26th May, 1960 at village-Kanikapada, Block-Dasarathpur, District: Jajpur. Shri Gajendra Mohapatra enrolled as an Advocate and joined practice at Bhubaneswar Bar. He entered into Odisha Judicial Service and had served as a Judicial Officer at different places such as Baragarh, Aska, Bhubaneswar, Kamakhyanagar and Rourkela. He was Registrar (Judicial) of the Hon'ble High Court of Orissa before his appointment as the Director of Public Prosecutions, Odisha, Bhubaneswar. Later, he served as the Special Judge (Vigilance), Balasore and District and Sessions Judge, Dhenkanal prior to his assignment as the Director (Prosecution Wing) to the Hon'ble Lokayukta, Odisha, Bhubaneswar.

His career as Judicial Officer included commendable work on civil, criminal, sessions and vigilance cases. During his stint as the Director of Prosecution of the Hon'ble Lokayukta, Odisha, he had actively participated in organising awareness programmes in different parts of Odisha to disseminate knowledge about the anti-corruption mechanism. Shri Mohapatra has taken oath as the Member, Odisha Electricity Regulatory Commission, Bhubaneswar on 1st June, 2020.

Shri Sushanta Kumar Ray Mohapatra, Member (From 29.12.2021 continuing)



Shri Sushanta Kumar Ray Mohapatra, formerly of the Indian Engineering Service, joined the Odisha Electricity Regulatory Commission on 29th December, 2021 after retiring from Central Electricity Authority, Ministry of Power, Govt. of India. Born on 21st May 1961, Shri Mohapatra has done Bachelor's degree in Electrical Engineering from Sambalpur University, Odisha; Master's degree in Power system from IIT Kharagpur and MBA from Faculty of Management Studies (FMS), University of Delhi.

He had been with Central Electricity Authority (CEA), Ministry of Power for the past 34 years. During his tenure with CEA he has held various important positions across divisions such as Planning, Design & Engineering, Monitoring and Grid Operation and was also involved in the formulation of regulations, technical standards, specifications and guidelines. He was actively involved in Design & Engineering consultancy for first 400kV substation of Govt. of Bhutan and APTRANSCO; formulation of guidelines for Export/Import (Cross Border) of Electricity (2018) with neighbouring country; preparation of report of task force (constituted by Ministry of Power, Gov. of India) on Cyclone Resilient Robust Electricity T&D infrastructure in coastal areas of the country; preparation of One Nation One Specification -Standard Specifications for EHV AC Transformers & Reactors (66kV and above voltage class); preparation of "Manual on Substation" of Central Board of Irrigation & Power (CBI&P) and reduction in RoW of transmission lines in urban & forest areas of the country etc.

He also served as Member Secretary of North Eastern Regional Power Committee (NERPC) and introduced requisition-based Scheduling, protection audit, implementation of System Protection Scheme (SPS) & Islanding scheme in North Eastern Region for the first time.



He is a senior member of IEEE, USA and was representing CEA as Member / Chairman in various technical committees. He retired as Chief Engineer, CEA in 2021 and has been nominated as Expert of National Committee on Transmission (NCT), Ministry of Power (Govt. of India). He has contributed number of papers & articles to national & international seminars and journals & magazines on Indian Power sector.

Shri Ray Mohapatra has taken over the responsibility as Member, Odisha Electricity Regulatory Commission (OERC).

4. FUNCTIONS OF THE STATE COMMISSION

- (1) Section 86 of the Electricity Act, 2003 deals with the functions of the State Commission. As per Section 86(1) the State Commission shall discharge the following functions, namely: -
 - (a) Determine the tariff for generation, supply, transmission and wheeling of electricity, wholesale, bulk or retail, as the case may be, within the state.
 - (b) Regulate electricity purchase and procurement process of distribution licensees including the price at which electricity shall be procured from the generating companies or licensees or from other sources through agreements for purchase of power for distribution and supply within the State;
 - (c) Facilitate intra-State transmission and wheeling of electricity;
 - (d) Issue licenses to persons seeking to act as transmission licensees, distribution licensees and electricity traders with respect to their operations within the State;
 - (e) Promote co-generation and generation of electricity from renewable sources of energy by providing suitable measures for connectivity with the grid and sale of electricity to any person, and also specify, for purchase of electricity from such sources, a percentage of the total consumption of electricity in the area of a distribution licensee;
 - (f) Adjudicate upon the disputes between the licensees and generating companies and to refer any dispute for arbitration;
 - (g) Levy fee for the purpose of this Act;
 - (h) Specify State Grid Code consistent with the Grid Code specified under clause (h) of subsection (1) of Section 79 of the Electricity Act, 2003.
 - (i) Specify or enforce standards with respect to quality, continuity and reliability of service by licensees;
 - (j) Fix the trading margin in the intra-state trading of electricity; if considered, necessary; and
 - (k) Discharge such other functions as may be assigned to it under the Electricity Act, 2003.
- (2) As per Section 86(2) of the Electricity Act, 2003, the State Commission shall advise the State Government on all or any of the following matters, namely:-
 - (i) Promotion of competition, efficiency and economy in activities of the electricity industry;
 - (ii) Promotion of investment in electricity industry;
 - (iii) Reorganization and restructuring of electricity industry in the State;



- (iv) Matters concerning generation, transmission, distribution and trading of electricity or any other matter referred to the State Commission by that Government.
- (3) As per Section 86(3) the State Commission shall ensure transparency while exercising its powers and discharging its functions. Section 86(4) envisages that in discharge of its functions, the State Commission shall be guided by the National Electricity Policy, 2005, National Electricity Plan and Tariff Policy, 2016 published under Sub-section(2) of Section 3 of the Electricity Act, 2003.
- (4) Besides, the other provisions of the Electricity Act, 2003 which have a direct bearing on the powers and functions of the Commission are extracted below for reference.

(a) *Section 11 – Directions to generating companies*

- (1) The Appropriate Government may specify that a generating company shall, in extraordinary circumstances operate and maintain any generating station in accordance with the directions of that Government. Explanation -For the purposes of this section the expression “extraordinary circumstances” means circumstances arising out of threat to security of the State, public order or a natural calamity or such other circumstances arising in the public interest.
- (2) The Appropriate Commission may offset the adverse financial impact of the directions referred to in sub-section (1) on any generating company in such manner as it considers appropriate.

(b) *Section 23 – Directions to Licensees*

If the Appropriate Commission is of the opinion that it is necessary or expedient so to do for maintaining the efficient supply, securing the equitable distribution of electricity and promoting competition, it may, by order, provide for regulating supply, distribution, consumption or use thereof.

(c) *Section 37 – Directions by Appropriate Government*

The Appropriate Government may issue directions to the Regional Load Despatch Centres or State Load Despatch Centres, as the case may be to take such measures as may be necessary for maintaining smooth and stable transmission and supply of electricity to any region or State.

(d) *Section 108 – Directions by State Government*

In the discharge of its functions, the State Commission shall be guided by such directions in matters of policy involving public interest as the State Government may give to it in writing. If any question arises as to whether any such direction relates to a matter of policy involving public interest, the decision of the State Government thereon shall be final.

5. ORGANISATIONAL STRUCTURE OF THE COMMISSION

The OERC is a three-member Commission headed by the Chairperson. The Commission has four Divisions namely, Tariff, Engineering, Regulatory Affairs and Secretariat Division. Tariff Division is entrusted upon the responsibilities of assisting the Commission in preparing various Tariffs and/or Commercial Orders based on applications of licensees, generators, consumers, government and other stakeholders.



Engineering Division assists the Commission in monitoring technical performance of the Utilities based on various technical parameters, including License Conditions and Performance Standards. The Commission is assisted by Regulatory Affairs Division on all legal matters. This Division renders necessary legal advice to the Commission and with the help of advocates represents the Commission in the High Court & Supreme Court of India, Fora and Tribunals. The Secretariat Division assists the Commission in day-to-day administrative matters, public affairs and in all communications required for the smooth functioning of the Commission. It is the repository of the Commission's order and records and carries out all correspondences on behalf of the Commission. This Division authenticates all the orders passed by the Commission. A State Advisory Committee (SAC) is functional and its meetings are held in OERC once in a quarter to discuss various practical issues involving the interest of the licensees/consumers/other stakeholders. The Commission benefits by interacting with the Members of the SAC, who represent different stake holders and service to the consumers in every corner of the State.

6. ACTIVITIES OF THE COMMISSION

The functions of the State Commission have been specified under Section 86 of Electricity Act, 2003.

6.1 ACTIVITIES OF TARIFF DIVISION

The functions of the State Commission have been specified under Section 86 of Electricity Act, 2003. According to Section 86(1)(a) the Commission determines the Tariff for Generation, Supply, Transmission and wheeling of electricity, wholesale, Bulk or Retail, as the case may be within the State of Odisha. Keeping this in view the Commission obtains and analyses the Annual Revenue Requirements of the licensees and determines charges to be levied on various categories of consumers including those seeking Open Access to the intra-state transmission and distribution systems. It also undertakes scrutiny of Power Purchase Agreements (PPA), approval of MYT, Cost data and Business Plans of licensees etc.

While fixing retail tariff for different types of consumers, the Commission is mandated to follow the provisions of the Electricity Act, 2003, Tariff Policy notified on 28.01.2016 and National Electricity Policy notified on 12.02.2005. Sections 61, 62, 65 and 86 of the Electricity Act, 2003 deal with principles and guidelines of tariff fixation. The important parameters for tariff fixation and corresponding section of Electricity Act, National Electricity Policy are as follows:-

- (i) The generation, transmission, distribution and supply of electricity should be conducted on commercial principles: Section 61(b) of Electricity Act, 2003.
- (ii) The factors which would encourage competition, efficiency, economical use of the resources, good performance and optimum investments: Section 61(c) of Electricity Act, 2003.
- (iii) Safeguarding the consumers' interests and at the same time recovering the cost of supply of electricity in a reasonable manner: Section 61(d) of Electricity Act, 2003.
- (iv) The principles regarding efficiency in performance: Section 61(e) of Electricity Act, 2003.



- (v) The tariff progressively reflects the cost of supply of electricity and also reduces cross subsidies in the manner specified by the appropriate Commission: Section 61(g) of Electricity Act, 2003.
- (vi) The National Electricity Policy envisages provision of some amount of cross-subsidy. As per para 1.1 of National Electricity Policy, the supply of electricity at reasonable rate to rural India is essential for its overall development. Equally important is availability of reliable and quality power at competitive rates to Indian Industries to make them globally competitive and enable to exploit tremendous potential of employment generation.
- Similarly, as per Para 5.5.2 of the National Electricity Policy, a minimum level of support may be required to make the electricity affordable for consumers of very poor category. Consumers below poverty line who consume below a specified level, say 30 units per month, may receive special support in terms of Tariff which are cross-subsidized. Tariff for such designated group of consumers will be at least 50% of the “average (overall) cost of supply”.
- (vii) Promotion of Co-generation and generation of electricity from renewable sources of energy: Section 61(h) of Electricity Act, 2003.
- (viii) Section 86(1) (e) of Electricity Act, 2003 casts responsibilities on the State Commission to promote co-generation and generation of electricity from renewable sources of energy by providing suitable measures for connectivity with the grid and sale of electricity to any person, and also specify, for purchase of electricity from such sources, a percentage of the total consumption of electricity in the area of a distribution licensee.

Consumers Status

The category wise numbers of consumers and their consumption DISCOM-wise for FY 2023-24 furnished to the Commission during tariff hearing of FY 2024-25 are shown in the table below:

ALL ODISHA CONSUMPTION FOR THE FY 2023-24 (MU)

Consumer Category	TPCDDL		TPNODL		TPWODL		TPSODL		ALL ODISHA	
	No. of Consumers	Consumption (MU)	No. of Consumers	Consumption (MU)	No. of Consumers	Consumption (MU)	No. of Consumers	Consumption (MU)	No. of Consumers	Consumption (MU)
Kutir Jyoti	25586	4.2	15316	1.4	43552	1.2	30767	3.3	115221	10.0
Domestic	2850656	3472.9	1756009	1455.9	1789634	1745.4	2060874	1359.2	8457173	8033.4
General Purpose(Com)	238085	932.0	119207	438.0	107871	489.8	104697	324.3	569860	2184.2
Irrigation	30694	28.1	26474	56.7	91110	301.4	35951	113.7	184229	499.8
Allied Agriculture	7083	25.1	3811	45.2	1047	11.3	1709	13.2	13650	94.7
Allied Agro Industries	70	2.3	65	1.5	126	3.1	88	14.9	349	21.8
Public Lighting	5605	87.0	2017	35.4	6428	51.4	7634	46.8	21684	220.6
PWW	3671	52.9	5015	58.7	5320	59.7	5501	77.8	19507	249.0
Small Industry	7880	29.6	4164	18.8	3682	17.4	2542	12.1	18268	77.9
Medium Industry	1310	46.4	1119	41.4	1471	56.0	1945	29.2	5845	173.0
Specified Pub. Purpose (P.I.)	24195	39.4	20526	42.2	22916	69.7	18476	51.4	86113	202.7



Consumer Category	TPCODL		TPNODL		TPWODL		TPSODL		ALL ODISHA	
	No. of Consumers	Consumption (MU)	No. of Consumers	Consumption (MU)	No. of Consumers	Consumption (MU)	No. of Consumers	Consumption (MU)	No. of Consumers	Consumption (MU)
Large Industry	7	2.3	0	0.0	0	0.0	0	0.0	7	2.3
LT (Total)	3194842	4722.0	1938407	2194.0	2029605	2805.1	2239417	2042.4	9491906	11769.4
HT	11720	2111.2	748	685.8	1412	2425.8	712	419.8	14592	5642.6
EHT	38	2020.1	42	3115.2	46	5411.6	19	729.5	145	11276.4
TOTAL	3206600	8853.4	1939197	5995.0	2031063	10642.5	2240148	3191.7	9506643	28688.4

Some important information relating to DISCOMs as on 31.03.2024 are follows:

Particular	TPCODL	TPNODL	TPWODL	TPSODL	All ODISHA
Area of Operation (sq. kms.)	29354	27857	48373	48751	
No. of Circles	5	5	5	6	21
No. of Divisions	20	16	17	19	72
No. of Subdivisions	65	50	57	51	223
No. of Sections	247	159	201	135	742
No of GRF's	5	4	5	4	18
Distribution Network					
Length of 33 KV Line (km.)	4129	3226	5632	4241	17227
Length of 11 KV Line (km.)	39560	41108	51708	46985	179361
Length of LT KV Line (km.)	52851	68139	68558	41484	231032
Length of AB cable (km.)	36631	47194	42444	32768	159037
No. of 33/11 kv transformers	826	564	689	563	2642
No. of Distribution Trfs (11/0.4 & 33/ 0.4 kv)	77549	77688	77020	63303	295560
No. of Dist. transformers burnt	2277	3333	3360	1548	10518
Metering Position					
Total number of Consumers	3206600	1954513	2074615	2270915	9506643
Total number of Meters	3206600	1950535	2049155	2270915	9477205
No. of working meters	3169273	1903263	1905116	2169197	9146849
Percentage of working meters	98.84%	98%	92.97%	96%	96.51%
No. of 33KV feeder meters	156	97	199	130	582
No. of 11KV meter	1182	853	1205	922	4162
No. of DTR meter	6625	9063	5367	15644	36699
No. of Smart Meters installed	84413	90717	167881	119602	462613



The important orders passed by the Commission during 2023-24 relating to Tariff are as follows:

- (i) Approval of Annual Revenue Requirement & Generation Tariff of OHPC for FY 2024-25 (Case No. 111 of 2023);
- (ii) Approval of Annual Revenue Requirement & Generation Tariff of OPGC for FY 2024-25 (Case No. 112 of 2023);
- (iii) Approval of Annual Revenue Requirement & Bulk Supply Price of GRIDCO for FY 2024-25 (Case No. 115 of 2023);
- (iv) Approval of Annual Revenue Requirement & Transmission Tariff of OPTCL for FY 2024-25 (Case No. 113 of 2023);
- (v) Approval of ARR and Fees and charges of State Load Dispatch Centre for FY 2024-25 (Case No. 114 of 2023);
- (vi) Approval of Annual Revenue Requirement & Retail Supply Tariff of four DISCOM Utilities for FY 2024-25 (Case Nos. 116, 119, 122 & 125 of 2023);
- (vii) Determination of Generic Tariff of Renewable Power Projects for Fourth Control Period from FY 2023-24 to FY 2025-26 (Case No. 94 of 2023);

As per Sections 61, 62, 65, 86 of the Electricity Act, 2003, Tariff Policy, 2016 (para 8.3.2), National Electricity Policy, 2005 (Para 5.5.2), the Annual Electricity Tariff for the State is determined by Odisha Electricity Regulatory Commission for generation, transmission, supply and distribution utilities of the State taking into account their commercial viability & operational efficiency. The OERC balances the interest of all stake holders, while determining the tariff. The OERC, taking into account the proposal filed by the utilities, advice of the State Advisory Committee, opinion of the State govt. and conducting Public Hearing has passed the Annual Revenue Requirement and **Tariff Order on dated 13.03.2024 for the FY 2024-25, which shall be effective from 1st April, 2024.**

The main features of the BSP and RST are as follows;

- (i) The Retail Supply Tariff for the State of Odisha has remained unchanged for FY 2024-25 except for LT Domestic Category. The Energy charge for this category has been reduced from 300 paise for consumption ≤ 50 units/month, 480 paise for consumption > 50 upto ≤ 200 units/month, 570 paise for consumption > 200 upto ≤ 400 units/month and 610 paise for consumption > 400 units/month to 290 paise, 470 paise, 570 paise and 610 paise respectively.
- (ii) Monthly Minimum Fixed Charge (MMFC) and Demand Charge have remained unchanged for all categories of consumers. However, the MMFC for Kutir Jyoti Consumers has been reduced by Rs. 10.00 and fixed at Rs. 70.00 per month.
- (iii) The transmission tariff worked out for OPTCL for FY 2024-25 has remained unchanged and determined at 24 paise per unit which shall be applicable for transmission of power over OPTCL's EHT network and shall be payable by DISCOMs.
- (iv) The power purchase cost for GRIDCO has been approved as 310.34 paise per unit which has decreased by 10.61 paise from 320.95 paise per unit as approved in FY 2023-24. The BSP has been worked out for different DISCOMs considering their Consumer mix and



have been fixed at rates as mentioned in the table below. The average BSP has marginally reduced by 0.8 paise and approved at 328.20 paise per unit for FY 2024-25 as compared to 329.00 paise per unit for FY 2023-24. The Commission has allowed a negative gap of Rs.371.92 Crs. in the ARR of GRIDCO. All the fixed cost of Thermal generating stations (for approved PPA) has been allowed for GRIDCO.

Bulk Supply Price approved for FY 2024-25 (paise per unit)

Name of the DISCOM	Existing Bulk Supply Price approved for FY 2023-24 (P/U)	Quantum of Energy approved for sale during FY 2024-25 (MU)	Total Expected Revenue for FY 2024-25 (Rs. Crs.)	Bulk Supply Price approved for FY 2024-25 (P/U)
TPCODL	305.00	12513.00	3941.60	315.00
TPNODL	335.00	8163.00	2857.05	350.00
TPWODL	390.00	11940.00	4537.20	380.00
TPSODL	210.00	4924.00	984.80	200.00
Total	329.00	37540.00	12320.65	328.20

- (v) The Commission, aiming at rationalisation of tariff structure by progressive introduction of a cost-based tariff, has set the Energy Charge at different voltage levels to reflect the cost of supply. While determining Energy Charge, the principle of higher rate for supply at low voltage and gradually reduced rate as the voltage level goes up has been adopted. Billing of HT and EHT consumers is continued with kVAh tariff since this method of billing for energy charge captures both active and reactive energy consumed by the consumers.
- (vi) For domestic HT bulk supply consumers, the energy charges have remained the same and fixed at 490 paise per unit (kVAh).
- (vii) The Commission has given several concessions/rebates to the different categories of consumers as follows:
- Hostels attached to the schools recognised and run by SC/ST Department of Government of Odisha shall get a rebate of Rs.2.40 per unit on Energy Charge under Specified Public Purpose category (LT/HT), which shall be over and above the normal rebate for which they are eligible.
 - All Swajala Dhara Consumers under Public Water Works and Sewerage Pumping category shall get special rebate @ 10% on energy consumption over and above normal rebate, if the electricity bills are paid within due date.
 - All rural LT domestic Consumers availing power through correct meter and who pay the bill in time shall avail rebate of 10 paise per unit over and above other existing rebate for prompt payment.
 - 4% rebate over and above normal rebate shall be allowed on the bill for the LT domestic and single-phase General Purpose (GP) category of Consumers only over and above all other rebates, if such Consumer pays the entire amount of the bill through digital mode on or before due date.



- Consumers opting to avail e-bill will get discount of Rs. 10.00 per bill. This will be applicable for the Consumers who are not provided with the Smart Meters. This rebate will be in addition to all other rebates the Consumer is otherwise eligible.
- (viii) The Commission has approved the distribution loss of 17.97 % while proposed distribution loss by the DISCOMs was 17.98 %. Similarly, the Commission has approved AT&C loss of 17.79 % instead of 18.80 % as proposed by DISCOMs.
- (ix) Cross subsidy has remained within $\pm 20\%$ for all categories (LT/HT/EHT) of consumers.
- (x) The average cost of supply for DISCOMs has decreased from 604.22 paise/unit in FY 2023-24 to 601.01 paise/unit in FY 2024-25.

Details of Retail Supply Tariff for FY 2024-25 is given in the table below:
RETAIL SUPPLY TARIFF EFFECTIVE FROM 1st APRIL, 2024

Sl. No.	Category of Consumers	Voltage of Supply	Demand Charge (Rs./KW/Month)/ (Rs./KVA/Month)	Energy Charge	Customer Service Charge (Rs./Month)	Monthly Minimum Fixed Charge for first KW or part (Rs.)	Monthly Fixed Charge for any additional KW or part (Rs.)	Rebate (P/kWh/ kVAh)/ DPS
	LT Category			(P/kWh)				
1	Domestic							
1.a	Kutir Jyoti ≤ 30 Units/month	LTFIXED MONTHLY CHARGE			70			
1.b	Others							Rebate 10
	(Consumption ≤ 50 units/month)	LT		290.00		20	20	
	(Consumption $>50, \leq 200$ units/month)	LT		470.00				
	(Consumption $>200, \leq 400$ units/month)	LT		570.00				
	Consumption >400 units/month)	LT		610.00				
2	General Purpose < 110 KVA							Rebate 10
	Consumption ≤ 100 units/month	LT		590.00		30	30	
	Consumption $>100, \leq 300$ units/month	LT		700.00				
	(Consumption >300 units/month)	LT		760.00				
3	Irrigation Pumping and Agriculture	LT		150.00		20	10	Rebate 10
4	Allied Agricultural Activities	LT		160.00		20	10	Rebate 10
5	Allied Agro-Industrial Activities	LT		310.00		80	50	Rebate/DPS
6	Public Lighting	LT		620.00		20	15	Rebate/DPS
7	L.T. Industrial(S) Supply <22 KVA	LT		620.00		80	35	Rebate 10
8	L.T. Industrial(M) Supply ≥ 22 KVA <110 KVA	LT		620.00		100	80	Rebate/DPS
9	Specified Public Purpose	LT		620.00		50	50	Rebate/DPS
10	Public Water Works and Sewerage Pumping <110 KVA	LT		620.00		50	50	Rebate 10
11	Public Water Works and Sewerage Pumping ≥ 110 KVA	LT	200	620.00	30			Rebate 10
12	General Purpose ≥ 110 KVA	LT	200	620.00	30			Rebate/DPS
13	Large Industry ≥ 110 KVA	LT	200	620.00	30			Rebate/DPS
	HT Category			Energy Charge (P/kVAh)				
14	Bulk Supply - Domestic	HT	20	490.00	250			Rebate 10
15	Irrigation Pumping and Agriculture	HT	30	140.00	250			Rebate 10



16	Allied Agricultural Activities	HT	30	150.00	250		Rebate 10
17	Allied Agro-Industrial Activities	HT	50	300.00	250		Rebate/DPS
18	Specified Public Purpose	HT	250	As indicated in the notes below	250		Rebate/DPS
19	General Purpose >70 KVA < 110 KVA	HT	250		250		Rebate 10
20	H.T Industrial (M) Supply	HT	150		250		Rebate/DPS
21	General Purpose \geq 110 KVA	HT	250		250		Rebate/DPS
22	Public Water Works & Sewerage Pumping	HT	250		250		Rebate 10
23	Large Industry	HT	250		250		Rebate/DPS
24	Power Intensive Industry	HT	250		250		Rebate/DPS
25	Mini Steel Plant	HT	250		250		Rebate/DPS
26	Railway Traction	HT	250		250		Rebate/DPS
27	Emergency Supply to CGP (kWh)	HT	0	780.00	250		Rebate/DPS
28	Colony Consumption (Both SPP & Industrial)	HT	0	490.00	0		Rebate/DPS
	HT Category			Energy Charge (P/kVAh)			
29	General Purpose	EHT	250	As indicated in the notes below	700		Rebate/DPS
30	Large Industry	EHT	250		700		Rebate/DPS
31	Railway Traction	EHT	250		700		Rebate/DPS
32	Heavy Industry	EHT	250		700		Rebate/DPS
33	Power Intensive Industry	EHT	250		700		Rebate/DPS
34	Mini Steel Plant	EHT	250		700		Rebate/DPS
35	Emergency Supply to CGP (kWh)	EHT	0	770.00	700		Rebate/DPS
36	Colony Consumption	EHT	0	485.00	0		Rebate/DPS

Note:

Slab rate of energy charges for HT & EHT (Paise/kVAh)

Load Factor (%)	HT	EHT
= < 60%	585.00	580.00
> 60%	475.00	470.00

- (i) Energy Charges for all LT Consumers shall continue to be billed on the basis of kWh whereas the Energy Charges for HT and EHT Consumers shall be billed on the basis of kVAh drawal. All open access transaction will be maintained in kWh sale only and kVAh based sale shall be converted into kWh based on the power factor for the month provided in the energy bills. For Electricity Duty (ED) purpose, kWh shall be the unit for the Consumers for whom ED is levied on the per unit basis. For load factor purpose, kWh reading shall be taken into consideration.
- (ii) The re-connection charges w.e.f. 01.04.2015 shall continue unaltered.

Category of Consumers	Rate Applicable
LT Single Phase Domestic Consumer	Rs. 150/-
LT Single Phase other Consumer	Rs. 400/-
LT 3 Phase Consumers	Rs. 600/-
All HT & EHT Consumers	Rs. 3000/-



- (iii) Energy Charges shall be 10% higher in case of temporary connection compared to the regular connection in respective categories.
- (iv) The meter rent w.e.f. 01.04.2024 shall be as follows:

Sl. No.	Type of Meter	Monthly Meter Rent (Rs.)
1.	Single Phase Static Meter	40
2.	LT Single Phase Smart Meter	60
3.	Three Phase whole current Static Energy Meter/ Three Phase whole current Smart Meter	150
4.	Three Phase LT CT Meter/ Three Phase Smart LT CT Meter (AMR/AMI compliant)	500
5.	Three Phase HT CT Meter/Three Phase Smart HT CT Meter (AMR/AMI compliant) – 11 KV	1000
6.	Three Phase HT CT Meter/Three Phase Smart HT CT Meter (AMR/AMI compliant) – 33 KV	2000
7.	HTTV Meter for Railway Traction	1000

Note: Meter rent for meter supplied by DISCOMs shall be collected for a period of sixty (60) months only. However, in case of Single-Phase Smart meter supplied by DISCOMs the meter rent shall be collected for a period of ninety six (96) months only.

All statutory duties/cess etc. shall be collected in addition to meter rent. The Commission may revise the meter rent by a special order.

- (v) All HT industrial Consumers (Steel Plant) without CGP having Contract Demand (CD) of 1 MVA and above shall get a rebate on Energy Charge on achieving the load factor as given below:

Load Factor	CD upto 6 MVA	CD above 6 MVA
65% and above upto 75%	10% on Energy Charge	-
Above 75% upto 85%	15% on Energy Charge	8% on Energy Charge
Above 85%	20% on Energy Charge	10% on Energy Charge

The above rebate shall be applicable on total consumption of energy. Load reduction shall not be permitted to such category of industry for availing this rebate during the financial year 2024-25.

Further, for Aluminium Industries (Arc furnace) connected at 33 kV level without CGP having CD more than 1 MVA and upto 6 MVA shall be eligible for a rebate of 10% on Energy Charge for entire energy consumption beyond 85% load factor.

- (vi) All the industrial Consumers drawing power at EHT level shall be eligible for a rebate of 10 paise per unit (kVAh) for all the units consumed in excess of 80% of load factor.
- (vii) Any industry having CGP with CD up to 20 MW willing to avail power from DISCOMs upto double the CD shall be allowed to draw power without payment of overdrawal penalty. For this purpose, the industry has to operate at minimum CD of 80% for the entire month. The applicable charges for incremental energy drawl (kVAh) beyond CD shall be Rs.5.00 per kVAh. Industries availing this benefit shall not be permitted to avail benefit under other scheme. However, the DISCOMs shall not exceed their approved SMD during that period. The DISCOM must ensure that for such overdrawal, the distribution system is not overloaded and no load shedding is imposed during that period.



- (viii) Any industry having CGP with CD above 20 MW willing to avail power from DISCOMs and operating at load factor more than 80% shall be allowed to draw power at the rate not less than Rs.5.00 per kVAh for all incremental energy drawal above 80% load factor. No overdrawal penalty shall be levied on them. For this purpose, the industry shall enter into a tripartite agreement with DISCOMs and GRIDCO.
- (ix) Railway Traction category shall get a rebate of 25 paise per unit for all the units consumed in addition to all other rebates they are eligible to avail.
- (x) In case of installation with static meter/meter with provision of recording demand, the recorded demand rounded to nearest 0.5 KW shall be considered as the Contract Demand requiring no verification irrespective of the agreement. Therefore, this shall also form the basis for the purpose of calculation of Monthly Minimum Fixed Charge (MMFC) for the connected load below 110 KVA.
- (xi) The billing in respect of demand charge for Consumer(s) with Contract Demand less than 110 KVA shall be the highest demand recorded in the meter during the Financial Year irrespective of the Connected Load, which shall require no verification.
- (xii) The Commercial & Industrial Consumers and Consumers provided with smart meters having MD >10KW, are eligible to get a ToD rebate of 10 paise/unit in Energy Charge during Solar Hours. The above Consumers shall pay a ToD surcharge of 20 paise/unit during Peak Hours. The ToD rebate and surcharge shall not be applicable during Normal Hours. For this purpose the hours in a day have been defined as follows:
- | | |
|--|----------------|
| 8.00 AM to 4.00 PM | - Solar Hours |
| After 4.00 PM upto 6.00 PM | - Normal Hours |
| After 6.00 PM upto 12.00 Midnight | - Peak Hours |
| After 12.00 Midnight upto 8.00 AM next day | - Normal Hours |
| This provision of ToD shall be made effective from | - 01.06.2024 |
- (xiii) Hostels attached to the Schools recognised and run by SC/ST Department, Government of Odisha shall get a rebate of Rs.2.40 per unit in Energy Charge under Specified Public Purpose category (LT / HT) which shall be over and above the normal rebate for which they are eligible.
- (xiv) Swajala Dhara Consumers under Public Water Works and Sewerage Pumping Installation category shall get special rebate @10% on the energy consumption over and above normal rebate, if electricity bills are paid within due date.
- (xv) During the statutory restriction imposed by the Fisheries Department, the Ice Factories (located at a distance not more than 5 KM towards the land from the sea shore of the restricted zone) will pay demand charges based on the actual maximum demand recorded during the billing period.
- (xvi) Poultry Farms with attached feed processing units having connected load less than 20% of the total connected load of poultry farms shall be treated as Allied Agricultural Activities instead of General-Purpose category for tariff purpose. If the connected load of the attached feed processing unit exceeds 20% of the total connected load then the entire consumption by the poultry farm and feed processing unit taken together shall be charged with the tariff as applicable for General Purpose or the Industrial Purpose as the case may be.
- (xvii) The food processing unit attached with cold storage shall be charged at Agro-Industrial tariff if cold storage load is not less than 80% of the entire connected load. If the load of the food processing unit (other than cold storage unit) exceeds 20% of the connected load, then the entire consumption by the



cold storage and the food processing unit taken together shall be charged with the tariff as applicable for general purpose or the industrial purpose as the case may be.

- (xviii) Drawl by the industries upto 120% of Contract Demand shall be allowed during “Normal Hours” without levy of any penalty. “Normal Hours” for the purpose of tariff shall be from **4.00 PM upto 6.00 PM in the evening and 12 Midnight to 8.00 AM of the next day**. The Consumers who draw beyond their Contract Demand during the hours other than the Normal Hours shall not be eligible for this benefit. If the drawl during the Normal Hours exceeds 120% of the Contract Demand, overdrawal penalty shall be charged on the drawl over and above the 120% of Contract Demand (for details refer Tariff Order). If Statutory Load Regulation is imposed, then restricted demand shall be treated as Contract Demand. This provision shall be made effective from 01.06.2024.
- (xix) General purpose Consumers with Contract Demand (CD) < 70 KVA shall be treated as LT Consumers for tariff purposes irrespective of level of supply voltage. As per Regulation 134 (I) of OERC Distribution (Conditions of Supply) Code, 2019 the supply for load above 5 KW upto and including 70 KVA shall be through 3-phase, 3 or 4 wires at 400 volts between phases.
- (xx) The rural LT domestic Consumers who draw their power through correct meter and pay the bill in time shall get rebate of 10 paise per unit over and above other existing rebate for prompt payment.
- (xxi) 4% rebate shall be allowed on the bill for the LT domestic and single-phase general-purpose category of Consumers only over and above all other rebates, if such Consumer pays the entire amount through digital mode before the due date.
- (xxii) 4% rebate shall be allowed to all pre-paid Consumers on pre-paid amount.
- (xxiii) A Special rebate to the LT single phase Consumers in addition to any other rebate, he is otherwise eligible, shall be allowed at the end of the financial year (the bill for the month of March), if he has paid the bill for all the 12 months of the financial year consistently without fail within due date during the relevant financial year. The amount of rebate shall be equal to the rebate of the month of March for timely payment of bill.
- (xxiv) The Educational Institution (Specified Public Purpose category Consumers) including attached hostel and / or residential colony, who draw power through a single HT meter, shall be eligible to be billed at the rate of 15% of their energy drawal under HT bulk supply domestic category.
- (xxv) The Consumers of any category can get a Green Consumer Certification by DISCOMs, if 100% of their power requirement is met from renewable sources by DISCOMs. The Consumer has to pay additional 20 paise per unit as premium over and above the normal rate of Energy Charges. This facility shall be in force for one year from the effective date of this order. The Consumer has to apply the concerned DISCOM in advance for this purpose. This facility shall not be available to the Consumers having Captive Generating Plants (CGPs).
- (xxvi) The printout of the record of the meter relating to MD, PF, number and period of interruption shall be supplied to the Consumer wherever possible with a payment of Rs.500/- by the Consumer for monthly record.
- (xxvii) Charging of electric vehicle through public charging system/station shall be covered under General Purpose (GP) category and single part tariff of Rs.5.00 per unit shall be applicable. The charging unit established by group housing society through a separate connection shall also be treated as public charging system/station.



(xxviii) The Mega Lift Consumers (who are using electricity for irrigation purpose and not covered under irrigation pumping and agriculture category of the Regulation) connected either to HT or EHT system shall be treated as GP Consumers and shall not pay any demand charges and shall get an additional rebate of Rs.2 per unit (kVAh) on the respective Energy Charges.

(xxix) LT Industrial (S) and LT Industrial (M) Supply Consumers shall avail a rebate of 10 paise per unit for all the units consumed, if their monthly operating load factor is more than 40% if paid within due date.

(xxx) Consumers opting to avail e-bill will get discount of Rs. 10.00 per bill.

(xxxi) Tariff as approved shall be applicable in addition to other charges as approved in this **Tariff order w.e.f. 01.04.2024.**

Performance of DISCOMs

The Commission monitors the performance of the utilities under various financial & technical parameters, including distribution loss, AT&C loss, collection efficiency, license conditions and performance standards, etc. Interruptions in Distribution System are measured in terms of Reliability Indices. The performance of DISCOMs pertaining to losses for FY 2022-23 and the corresponding approved figures for FY 2023-24 & FY 2024-25 are furnished in the table below along with approval purchase & sale of power for FY 2024-25:

Proposed and Approved Losses of DISCOM Utilities

	FY 2022-23 (Actual)	FY 2023-24 Approved	FY 2023-24 Estimated by licensees	FY 2024-25 Proposed by licensees	FY 2024-25 (Approved) by the Commission
TPCODL					
Distribution Loss	22.86 %	21.21 %	21.21 %	19.19 %	19.19 %
Collection Efficiency	102.45 %	99.00 %	99.00 %	99.00 %	99.00 %
AT and C Loss	20.96 %	22.00 %	22.00 %	20.00 %	20.00 %
TPNODL					
Distribution Loss	16.43 %	16.25 %	16.25 %	14.14 %	14.14 %
Collection Efficiency	106.06 %	99.00 %	99.00 %	99.00 %	99.00 %
AT and C Loss	11.36 %	17.09 %	17.09 %	15.00 %	15.00 %
TPWODL					
Distribution Loss	18.40 %	18.08 %	18.08 %	16.57 %	16.57 %
Collection Efficiency	100.14 %	99.00 %	99.00 %	99.00 %	99.00 %
AT and C Loss	18.29 %	18.90 %	18.90 %	17.41 %	17.40 %
TPSODL					
Distribution Loss	24.67 %	25.00 %	25.00 %	24.60 %	24.59 %
Collection Efficiency	102.46 %	99.00 %	99.00 %	99.00 %	99.00 %
AT and C Loss	22.81 %	25.75 %	25.75 %	25.35 %	25.35 %



ODISHA					
Distribution Loss	24.67 %	25.00 %	25.00 %	24.60 %	24.59 %
Collection Efficiency	102.46 %	99.00 %	99.00 %	99.00 %	99.00 %
AT & C Loss	22.81 %	25.75 %	25.75 %	25.35 %	25.35 %

The purchase and sales for each DISCOM for the FY 2024-25 as approved by the Commission are given in the table below:

Purchase and Sales of DISCOMs for FY 2024-25 (In MU)

DISCOM		PURCHASE	SALES			
			EHT	HT	LT	Total
TPCODL	Proposed	12305.838	2064.676	2287.733	5591.939	9944.348
	Approved	12513.000	2162.878	2356.691	5591.939	10111.508
TPNODL	Proposed	8161.085	3555.280	773.046	2678.782	7007.108
	Approved	8163.000	3555.280	774.742	2678.782	7008.804
TPWODL	Proposed	11524.000	3480.000	2590.000	3544.100	9614.100
	Approved	11940.000	3827.817	2590.000	3544.100	9961.917
TPSODL	Proposed	4917.510	727.000	436.000	2545.000	3708.000
	Approved	4924.000	732.000	436.000	2545.000	3713.000
ODISHA	Proposed	36908.433	9826.956	6086.779	14359.821	30273.556
	Approved	37540.000	10277.975	6157.433	14359.821	30795.229

Average Cost of Supply for FY 2024-25

With approved revenue realization from each consumer category (LT/HT/EHT) for the DISCOMs and the anticipated sales, the average cost of supply for Odisha for FY 2024-25 is as follows:

Average Cost of Supply for FY 2024-25

Description	2024-25 (Approved)
Cost of Power Purchase	12339.40
Transmission Charge	900.96
SLDC Charge	7.34
Total cost of Power Purchase including Transmission and SLDC Charge (A)	13247.70
Net Employee costs	2383.49
Repair and Maintenance Expenses	901.23
Administrative and General Expenses	570.22
Provision for Bad and Doubtful Debts	176.38
Depreciation	304.06
Interest Expenses including Interest on S.D	591.49
Sub-Total	4926.85
Less: Employee Cost capitalised	101.91
Less: Interest capitalised	13.53



Total Operation & Maintenance and Other Cost	4811.42
Return on Equity	352.31
Tax on ROE	96.88
Total Distribution Cost (B)	5260.60
Total Cost (C) =[(A) + (B)]	18508.30
Approved Saleable Units (MU) (D)	30795.229
Average CoS (paise per unit) [(C) x 1000 / (D)]	601.01

Cross Subsidy among Consumers

The Commission has managed to keep cross-subsidy among the subsidised and subsidising category of Consumers in the State within $\pm 20\%$, in line with the mandate of the National Electricity Policy and Tariff Policy. The cross-subsidy calculated for the FY 2024-25 is given in the table below:

Cross Subsidy for FY 2024-25

Financial Year	Level of Voltage	Avg. CoS for the State (paise/unit)	Average Tariff (paise/unit)	Cross-Subsidy (paise/unit)	Percentage of Cross-subsidy above/below of CoS	Remarks
(1)	(2)	(3)	(4)	(5) =(4)-(3)	(6)=(5)/(3)	(7)
2018-19	EHT	489.47	576.88	87.41	17.86%	The tariff for HT and EHT categories has been calculated based on average tariff of that category
	HT		579.18	89.71	18.33%	
	LT		398.72	-90.76	-18.54%	
2019-20	EHT	499.71	577.21	77.50	15.51%	
	HT		579.38	79.67	15.94%	
	LT		406.21	-93.50	-18.71%	
2020-21	EHT	524.62	595.77	71.15	13.56%	
	HT		596.18	71.56	13.64%	
	LT		433.81	-90.81	-17.31%	
2021-22	EHT	548.40	626.50	78.10	14.24%	
	HT		623.90	75.49	13.77%	
	LT		466.07	-82.33	-15.01%	
2022-23	EHT	587.77	654.61	66.84	11.37%	
	HT		640.36	52.59	8.95%	
	LT		478.44	-109.33	-18.60%	
2023-24	EHT	604.22	622.71	18.50	3.06%	
	HT		652.90	48.68	8.06%	
	LT		497.71	-106.51	-17.63%	
2024-25	EHT	601.01	630.45	29.44	4.90%	
	HT		647.03	46.02	7.66%	
	LT		499.58	-101.43	-16.88%	



Wheeling Business

On the basis of allocation matrix for Wheeling and Retail Supply business, the cost in respect of wheeling business of TPWODL, TPNODL, TPSODL and TPCODL is approved for Rs.789.28 Crs., Rs.701.45 Crs., Rs.657.38 Crs. and Rs.1050.10 Crs. respectively. Accordingly, the wheeling charges (per unit) have been calculated for TPWODL, TPNODL, TPSODL and for TPCODL at the rate 97.30 paise/unit, 152.23 paise/unit, 156.82 paise/unit and 101.46 paise/unit respectively for FY 2024-25.

A summary of the approved revenue requirement, expected revenue at the approved tariff and approved revenue gap for FY 2024-25 by the Commission is given below:

Proposed and Approved Revenue Requirement of DISCOMs for FY 2024-25 (Rs. in Crs.)

Sl. No.	DISCOM	TPWODL	TPNODL	TPSODL	TPCODL	Total
1	Revenue Requirement					
2	Proposed	5752.41	4173.23	2302.65	5952.89	18181.18
3	Approved	5833.12	4022.79	2063.53	5827.58	17747.01
4	Expected Revenue					
5	Proposed	5751.16	4048.92	2077.15	5814.35	17691.58
6	Approved	5738.59	4049.39	2023.54	5826.21	17637.73
7	Approved Gap (6-3)	-94.53	26.60	-39.99	-1.37	-109.28
8	Add: BSP Surcharge	-409.15				-409.15
9	Total Gap (7+8)	-503.68	26.60	-39.99	-1.37	-518.43
10	Less: Amount allowed out of True up Surplus	510.00		21.57	5.84	537.41
11	Gap allowed in the ARR (9+10)	6.32	26.60	-18.42	4.47	18.98

Revenue Requirement of DISCOMs for the FY 2024-25 for Retail Business (Rs. in Crs.)

Expenditure	TPWODL		TPNODL		TPSODL		TPCODL		TOTAL	
	Approved Total	Approved Retail	Approved Total	Approved Retail	Approved Total	Approved Retail	Approved Total	Approved Retail	Approved Total	Approved Retail
Cost of power purchase	4555.95	4555.95	2857.05	2857.05	984.80	984.80	3941.60	3941.60	12,339.40	12339.40
Transmission Charges	286.56	286.56	195.91	195.91	118.18	118.18	300.31	300.31	900.96	900.96
SLDC Charges	2.33	2.33	1.60	1.60	0.97	0.97	2.45	2.45	7.34	7.34
Employee costs	523.66	209.46	507.10	202.84	465.46	186.18	785.36	785.36	2,281.58	912.63
Repair & Maintenance (After Capitalisation)	244.24	24.42	230.24	23.02	165.24	16.52	261.52	26.15	901.23	90.12
A & G Expenses	169.19	101.51	128.53	77.12	120.54	72.33	151.95	91.17	570.22	342.13
Bad & Doubtful debt	57.39	57.39	40.49	40.49	20.24	20.24	58.26	58.26	176.38	176.38
Depreciation	82.35	8.24	55.56	5.56	67.15	6.71	99.00	9.90	304.06	30.41



Expenditure	TPWODL		TPNODL		TPSODL		TPCODL		TOTAL	
	Approved Total	Approved Retail	Approved Total	Approved Retail	Approved Total	Approved Retail	Approved Total	Approved Retail	Approved Total	Approved Retail
Interest on long term Loan capital	42.42	4.24	29.75	2.98	45.23	4.52	75.55	7.56	192.97	19.30
Interest on Working Capital Loan	50.40	45.36	38.06	34.25	15.85	14.26	41.77	37.59	146.07	131.47
Interest on security deposit	83.70	83.70	57.77	57.77	21.28	21.28	76.18	76.18	238.92	238.92
Return on equity	94.87	9.49	68.53	6.85	73.12	7.31	115.79	11.58	352.31	35.23
Tax on ROE	26.09	2.61	18.84	1.88	20.11	2.01	31.84	3.18	96.88	9.69
Gross Retail Supply Cost	6219.14	5391.25	4229.44	3507.33	2118.15	1455.31	5941.58	5351.29	18508.30	15233.96
Less: Miscellaneous Receipts	386.02	347.42	206.65	185.99	54.62	49.16	114.00	102.60	761.29	685.16
Net Retail Supply Cost	5833.12	5,043.84	4022.79	3,321.34	2063.53	1,406.15	5827.58	5248.69	17747.01	14548.80
Net Retail Supply Cost (After special Appropriation)	5833.12		4022.79		2063.53		5827.58		17747.01	

Demand Estimation

The Demand has been estimated by considering the actual energy requirement, peak demand and corresponding load factor (LF) of all four DISCOMs from FY 2018-19 to FY 2023-24 (9 months). The average LF of each DISCOM has been calculated and accordingly the expected peak demand with respect to the projected energy requirement has been derived for approval for FY 2024-25. The SMD approved for the FY 2024-25 for DISCOMs is 6553 MVA and DISCOM wise details are as shown in the table below:

Demand in MVA for FY 2024-25

DISCOM	Description	2018-19	2019-20	2020-21	2021-22	2022-23	2023-24 (9 months)	2024-25 (Approval)
TPCODL	Input Energy (MU)	8,783.92	8,160.10	8,370.43	8,816.55	9,901.98	8,854.13	12,513.00
	Maximum Demand (MVA)	1,579.00	1,590.49	1,531.00	1,661.89	1,891.49	2,244.00	2,349.00
	Load Factor %	70.6%	65.1%	69.3%	67.3%	66.4%	66.7%	67.6%
TPNODL	Input Energy (MU)	5,575.61	5,439.43	4,941.19	5,327.04	6,473.32	5,446.39	8,163.00
	Maximum Demand (MVA)	973.31	1,015.24	980.50	937.94	1,154.65	1,267.00	1,478 .00
	Load Factor %	72.7%	68.0%	63.9%	72.0%	71.1%	72.7%	70.1%
TPWODL	Input Energy (MU)	7,590.22	7,523.90	7,624.82	9,313.21	13,002.41	9,508.21	11,940.00
	Maximum Demand (MVA)	1,382.72	1,238.94	1,422.64	1,524.24	1,794.13	1,676.00	1,893.00
	Load Factor %	69.6%	77.0%	68.0%	77.5%	91.9%	95.9%	80.0%
TPSODL	Input Energy (MU)	3,638.95	3,468.63	3,599.30	3,941.54	4,188.45	3,304.92	4,924.00
	Maximum Demand (MVA)	634.18	613.86	600.00	650.00	721.00	711.00	833.00
	Load Factor %	72.8%	71.7%	76.1%	76.9%	73.7%	78.6%	75.0%

Purchase of Power by GRIDCO from different Generating Stations

Out of the total estimated purchase of 38804.12 MU by GRIDCO during FY 2024-25, sales towards DISCOMs were estimated as 37540 MU, 100 MU sales to CGPs and 1164.12 MU goes towards Transmission Loss (@3%) on DISCOM's purchase.



Details of power procured from different generating station is as shown in the table below :

Power Purchase from different Generating Stations

Generators	GRIDCO's PROPOSAL			APPROVAL		
	Energy	Average Rate	Total Cost	Energy	Average Rate	Total Cost
	MU	P/U	Rs.in Crs.	MU	P/U	Rs.in Crs.
HYDRO (OLD)	3642.71	100.63	366.57	3660.22	99.15	362.91
Indravati	1396.46	122.51	171.08	1942.38	83.35	161.90
Machakund	259.88	123.64	32.13	259.88	123.65	32.13
Total State Hydro	5299.05	107.53	569.78	5862.48	95.00	556.94
OPGC-I (Units-1&2)	2447.98	296.39	725.55	2668.31	281.25	750.46
OPGC-II (Units-3&4)	9236.11	347.61	3210.59	9235.72	344.35	3180.34
IPPs	5325.67	304.45	1621.42	5094.24	297.18	1513.89
Total State Thermal	17009.76	326.73	5557.56	16998.27	320.30	5444.69
Small Hydro	468.70	424.93	199.16	468.70	437.62	205.11
Biomass	70.00	760.00	53.20	70.00	760.00	53.20
Wind	1091.92	279.84	305.56	1091.92	279.84	305.56
Solar	1950.00	369.24	720.03	1950.00	368.27	718.13
Total RE	3580.62	356.91	1277.95	3580.62	358.04	1282.00
TOTAL STATE	25889.42	286.04	7405.29	26441.37	275.46	7283.63
CHUKHA	256.00	310.72	79.54	255.74	310.72	79.46
Tala HPS	116.00	235.11	27.27	115.74	235.11	27.21
Mangdechhu	287.00	433.97	124.55	291.03	433.97	126.30
Teesta-V	-	-	-	-	-	-
Kurichu HEP	1.00	236.15	0.24	1.00	236.15	0.24
Rangit HEP	6.00	410.00	2.46	5.21	416.90	2.17
Total Central Hydro	666.00	351.45	234.06	668.72	351.99	235.38
TSTPS - I	2233.89	313.26	699.78	2233.71	299.92	669.93
TSTPS - II	1336.46	297.77	397.96	1347.96	283.90	382.68
FSTPS -I & II	121.20	518.07	62.79	0.00	466.17	17.75
FSTPS -III	554.59	523.40	290.27	0.00	497.36	97.09
KhTPS - I	56.81	512.42	29.11	0.00	438.30	9.76
KhTPS - II	287.40	437.58	125.76	261.37	442.85	115.75
DSTPS-I (Units-1&2)	5207.20	309.61	1612.18	5587.84	297.32	1661.36
North Karanpura	1932.06	360.53	696.56	1932.06	355.50	686.86
Muzaffarpur TPS	171.70	644.08	110.59	225.84	558.53	126.14
Nabinagar STPS	105.26	482.61	50.80	105.26	494.87	52.09
Barh-I	960.07	572.08	549.24	0.00	547.91	245.74
Barh-II	130.10	568.16	73.92	0.00	538.51	27.27
Total Central Thermal	13096.73	358.79	4698.95	11694.04	349.96	4092.40
Total Central Sector	13762.73	358.43	4933.02	12362.76	350.07	4327.79
PGCIL Tr. Charge	-	-	1018.03	-	-	839.11
ERLDC Charges	-	-	3.50	-	-	3.50
TOTAL GRIDCO	39652.15	336.93	13359.84	38804.12	320.95	12454.03



OHPC Tariff

The station-wise the Annual Capacity Charges (ACC), Annual Energy Charges (AEC) and Energy Charge Rate (ECR) of different power stations of OHPC approved for the FY 2024-25 is shown in the following table:

Capacity Charge and Energy Charge of OHPC Power Stations for the FY2024-25

Name of the Power Stations	Annual Fixed Cost	Annual Capacity Charges (Rs in Cr.)	Annual Energy Charges (Rs in Cr.)	Saleable Design Energy (in MU)	Energy Charge Rate (P/U)
RHEP, Rengali	68.168	34.084	34.084	519.75	65.578
UKHEP, Baraniput	63.021	31.510	31.510	823.68	38.256
BHEP, Balimela	96.035	48.018	48.018	1171.17	41.000
HHEP, Burla	95.339	47.670	47.670	(*) 660.52	72.170
CHEP, Chiplima	40.350	20.175	20.175	485.10	41.589
UIHEP, Mukhiguda	161.896	80.948	80.948	1942.38	41.675

(*) Excluding 16.644 MU energy sold to CSPDCL

The recovery of capacity charge and energy charge for a calendar month shall be as per the OERC Generation Tariff Regulations, 2014.

The Commission has approved the rate of 123.651 paise per unit for sale of power from Machhkund Hydro Electric Station for energy drawl of 259.875 MU against 50% share of Odisha for the FY 2024-25.

OPGC Tariff

The two-part generation tariff proposed by OPGC for its 420MW (2X 210MW) of IB Thermal power stations (Unit- I & II) and the consequent approval of the Commission for FY 2024-25 are given in the table below:

Summary of Approved Generation Tariff of OPGC for FY 2024-25

Particulars	Units	OPGC Proposal	Approval
Annual Fixed Cost	Rs. Crs.	310.25	309.91
Variable Charges	Paisa/kWh	170.80	165.10
Other Charges	Rs. Crs.	56.28	27.30



Transmission Charges - OPTCL

38073.49 MU of energy is estimated to be transmitted through OPTCL's network in FY 2024-25 as against 37348 MU in 2023-24.

The principle of Postage Stamp Method as followed in earlier years for determination of Transmission Charges of OPTCL system has been followed for the FY 2024-25 and have been worked out as 24 paisa per kWh w.e.f. 01.04.2024. This shall be applicable for transmission of power over OPTCL's EHT Transmission Lines and Sub-stations at 400kV/220kV/132kV level and shall be payable by the DISCOMs.

The aggregate revenue requirement of OPTCL is approved at Rs.913.76Cr. for FY 2024-25 as against Rs. 896.18Cr. for FY 2023-24.

The transmission loss has been approved as 3.00% for FY 2022-23.

The reactive energy charges have been provisionally approved @ 3 paise/kVARh for the FY 2024-25.

ARR Proposed and Approved for OPTCL for FY 2024-25 (Rs. in Crs.)

Sl. No.	Particulars	Approval for FY 2023-24	OPTCL's Proposal for FY 2024-25	Approval for FY 2024-25
1	Employee Cost Including Terminal Benefits	449.08	582.06	488.63
2	R & M Cost	135.00	169.30	135.00
3	A & G Cost	40.28	51.13	37.05
4	Depreciation	269.54	320.03	275.67
5	Interest & Financial Charges	111.83	148.95	133.95
6	Return on Equity	140.42	273.09	162.14
7	Incentive for System Availability	5.00	12.42	5.00
8	GCC Expenses, statutory levies & taxes	0.35	0.35	0.35
9	Rebate & Exemption under Odisha Renewable Energy Policy, 2022	17.92	27.61	20.16
10	Income Tax	27.21	36.69	7.00
11	Annual Revenue Requirements (ARR) (1+2+...+10)	1,196.63	1,621.63	1,264.95
12	Less: Misc Receipts (Including STOA)	300.45	240.94	302.75
13	Less: Regulatory Surplus	-	-	48.50
14	Net Annual Revenue Requirement to be recovered {11-(12+13)}	896.18	1,380.69	913.70
15	No. of Units to be handled (MU)	37,348.00	36,645.00	38,073.49
16	Transmission Charges (Paise/kWh)	24.00	37.68	24.00
17	Expected Revenue from LTA Customers	896.35	879.94	913.76
18	Gap: Surplus/(Deficit) (17-14)	0.17	(500.75)	0.06



SLDC Charges

SLDC, Odisha functions as Independent System Operator (ISO): Section 31 and 32 of the Electricity Act, 2003 contemplate SLDC as an Independent Apex Body to ensure integrated operation of the power system in the State. The Act also provides for financial independence of SLDC under Section 32 (3) by way of levy and collection of fees and charges from generating companies and the licensees using the Intra-State transmission network. OERC has formulated the OERC (Fees and Charges of SLDC and other related matters) Regulations, 2010 for implementation of levy of annual fee and charges for SLDC functions in Odisha.

The Commission has approved the ARR of Rs.1596.078lakhs for SLDC to be recovered through System Operation Charges (SOC) & Market Operation Charges (MOC) during FY 2024-25.

ARR and Annual & Monthly Charges approved for FY 2024-25 (Rs. In Lakhs)

Sl. No.	Particulars	Per annum	Per month
1	ARR of SLDC	1,596.078	133.007
2	Intra-State transmission licensee to pay SOC to SLDC	127.686	10.641
3	Generating Stations & Sellers to pay SOC & MOC to SLDC (Rs. per MW calculated considering scheduled generation / installed capacity of 6330.01 MW)	734.196 (Rs.11,598.654 per MW)	61.183 (Rs.966.555 per MW)
4	Distribution Licensees & Buyers to pay SOC & MOC to SLDC	734.196	61.183
5	(i) TPCODL	244.725	20.393
	(ii) TPNODL	159.649	13.304
	(iii) TPWODL	233.520	19.460
	(iv) TPSODL	96.302	8.026

Open Access Charges:

In exercise of the powers conferred under Sections 39,40 and 42 of the Electricity Act, 2003 read with the provisions of Chapter II of OERC (Determination of Open Access Charges) Regulations, 2006, the Odisha Electricity Regulatory Commission has passed Common order with regard to approval of Open Access Charges (Transmission/wheeling Charges, Surcharge and Additional Surcharge applicable to open access customers for use of Intra-state transmission/distribution system) which shall be effective from 1st May, 2020.

The Surcharge, Wheeling Charge & Transmission Charge for Open access customers of 1MW & above as indicated in the table below are applicable w.e.f. 01.04.2024.

Surcharge, Wheeling Charge & Transmission Charge for Open Access consumer 1MW & above

Name of the licensee	Cross Subsidy Surcharge (paise/unit)		Wheeling Charge applicable to HT Consumers only (paise/unit)	Transmission Charges for Open access Customer
	EHT	HT		
TPCODL	163.00	76.23	101.46	The Open Access Customer availing Open Access shall pay Rs.5760/MW/Day (Rs.240/MWh) as transmission charges
TPNODL	138.50	14.06	152.23	
TPWODL	117.50	29.69	97.30	
TPSODL	243.50	124.98	156.82	



In summary,

- (i) The normative transmission loss at EHT (3%) and normative wheeling loss at HT level (8%) shall be applicable for the year 2024-25.
- (ii) Additional Surcharge: No additional surcharge over and above the Cross-Subsidy Surcharge is to be levied at present.
- (iii) The Consumers availing Renewable power through Open Access shall have to pay 100% Cross-Subsidy Surcharge (CSS), Transmission & Wheeling charge.

Exemptions under **Odisha Renewable Energy Policy 2022 (OREP-2022)** are allowed over and above the Open-Access charges:

- (i) Fifty percent (50%) of Cross Subsidy Surcharge (CSS) shall be payable by the Open Access Consumers, on consumption of energy from RE projects, commissioned in the State during the policy period for fifteen (15) years.
- (ii) No Cross-subsidy surcharge is payable by the Industries in the State availing Renewable power from GRIDCO (with GRIDCO acting as a demand aggregator).
- (iii) Twenty five percent (25%) exemption on Wheeling Charges shall be provided to Captive / Open Access Consumers on consumption of energy from RE projects commissioned in the state during the during the RE Policy period for Fifteen (15) years.
- (iv) OPTCL shall provide exemption of twenty (20) paise per unit on STU (Transmission) charges to captive/open access Consumers on consumption of energy from RE projects commissioned in the State, during the policy period for fifteen (15) years. This exemption shall be allowed for five (5) more years i.e. twenty (20) years in case of projects commissioned before 31.03.2026.

6.2 ACTIVITIES OF ENGINEERING DIVISION:

A. Major Activities of Engineering Section (FY 2023-24)

This Division has provided vital technical input for grant, revocation, and amendment to the conditions of the license issued to the licensees. It is monitoring the performance of the utilities [i.e. Bulk Supply (Trading) Licensee, Transmission Licensee and Distribution Licensees] under various technical parameters, including licence conditions and performance standards. Interruptions in the Distribution System are measured in terms of Interruption Reliability Indices (known as SAIFI, SAIDI and MAIFI), for which the Distribution Licensees submit their monthly, quarterly and annual performance report once in every month/quarter and a consolidated annual report in every financial year. This division is also monitoring the installation of meters/smart meters, energy audit of feeders, taking steps for setting up of common consumer call centre, implementation of common consumer indexing programme, etc. in Odisha DISCOMs. The Division also looks after the metering mechanism for renewable energy. This Division also looks into general complaints of technical nature affecting large areas / industrial / groups of consumers.

1. Publication of Annual Guaranteed and Overall Performance Report

The Annual Guaranteed and Overall Performance reports for the year 2022-23 were submitted by the DISCOMs. The consolidated Annual Guaranteed Performance report was published on the



OERC website and the Overall Performance report was published in daily newspapers and also on the OERC website. The Overall Standards of Performance of DISCOMs, as reported and furnished through affidavit for the year 2022-23 is placed as **ANNEXURE-1**.

2. Monitoring R&M and CAPEX

OPTCL has inherited from GRIDCO a considerable ageing transmission assets. Continuous upgradation and regular repairs and maintenance are required to keep the assets in a safe and operational condition and to meet the growing requirements of DISCOMs' demand as well as to fulfil the Commission's and consumers' expectations on quality of supply, performance standards and availability of transmission network. As a result of this, the Commission, over the past several years has been approving a significant amount of capital investment for the installation of new transmission projects, augmentation of existing ones, provision of SCADA, keeping spare transformers to meet contingencies, procurement of T&P, safety gadgets, testing kit etc. and also allowing a significant amount for R&M expenses for encouraging the Licensee to undertake regular & adequate maintenance. Timely maintenance of equipment can prolong the longevity of the equipment, reduce downtime and provide quality and reliable supply. The Commission has directed OPTCL to remove the present deficiencies in its transmission system to reduce system losses and augment the system appropriately including the introduction of automation to enhance the system availability, also to avoid the situation of overloading/underloading and for optimum utilization of transmission assets.

3. OPTCL has been directed to undertake the following measures for the development of an efficient transmission system.

- Expansion of the transmission network at 220 Kv level like the upgradation of its existing 132 kV Grid Sub-stations to 220 kV level wherever feasible etc. to meet future load growth and to reduce transmission loss.
- Carry out an energy audit of the transmission system to identify areas where loss is more and to assess the losses in various transmission elements of Grid Substations and Transmission lines and plan accordingly to undertake various remedial measures to reduce transmission loss further.
- To approach the Commission with DPR along with the report of long-term transmission system studies (considering various generation and load scenarios under peak and off-peak periods) in line with the Licence Conditions and Tariff Regulations and Transmission Planning Criteria-2023 of CEA and the cost-benefit analysis before going ahead with capital investment.
- The development of the intra-state transmission system should be in sync with the downstream distribution network, to avoid under-utilization of transmission assets and increased transmission loss.
- To hold monthly coordination meetings with DISCOMs to ensure the smooth operation of the power sector and proper utilization of stranded assets.
- To avoid time and cost overrun due to delays in project execution, concerned departments may be approached for RoW and forest clearance issues.
- Adoption of Tariff-based Competitive Bidding (TBCB) in the development of intra-state



transmission systems can effectively reduce the burden on State Governments' finances as well as reduce tariffs of intra-state transmission systems, leading to consumer benefits.

- Standardization of MVA capacity of Grid sub-stations at different voltage levels and corresponding equipment including transformer rating to be carried out, which would help in optimum utilization of assets and investment plan.
- The specifications for Transmission line towers/Steel poles, power transformers, switchgear, Surge Arrester, CT, PT/CVT, conductor, insulators, firefighting systems, lighting systems, AC/DC systems, etc. need to be standardized keeping in view the development of cyclone resilient transmission infrastructure,
- Steps to be taken for the development of cyclone-resilient transmission infrastructure.
- OPTCL should have asset mapping of its existing transmission assets & new projects for efficient monitoring and healthy operation of its system.
- For condition monitoring of transmission assets modern diagnostic tools to be included such as Sweep Frequency Response Analyser (SFRA), Dynamic Contact Resistant Measurement (DCRM), 3rd Harmonic leakage current monitor for Surge Arresters, Relay test kit for modern numerical relays, Digital Fiber Optic Sensors, Offline fault locator, etc.
- To implement regular cyber security audits and other proactive steps to prevent the possibility of Cyber intrusion attempts and security of the transmission system.
- Modern PPE & safety tools to be deployed and explore to use of Aerial Work Platform (AWP), especially for working at high elevations like 220 kV and above system.
- Prepare Standard Operating Procedure (SOP) of grid Substations for efficient management and restoration of the system.
- OPTCL should evaluate the adequacy and availability of transmission systems for pumping of water/evacuation of power from the proposed Pumped Storage Plants (PSPs).
- Assessment of the earthing system of grid substations and transmission line towers.
- OPTCL should convene the GCC meeting on a regular basis and discharge its responsibilities as stipulated in the Odisha Grid Code-2015.
- To conduct regular training programmes to update/ enhance the knowledge and skills of the employees.

4. Project Approval

The Commission has directed OPTCL that DISCOMs are to be intimated well before the completion of any transmission project so that they should be prepared to receive power from those and accordingly build their downstream distribution lines for evacuation of power. OPTCL should discuss with the DISCOMs before submission of the transmission project for approval of OERC so that the investment on s/s should be well justified and not be left idle due to non-completion of interlinking transmission/distribution lines. The equity infusion is required to be balanced and the assets so created should be utilized in a productive manner. The financing of



CAPEX may be done at Debt: Equity ratio of 70:30 in line with OERC Regulations for Intra-State Transmission Systems. Further, OPTCL should have a proper monitoring and execution mechanism in place and should regularly monitor the progress of all its ongoing projects to avoid in-ordinate delay. Projects approved by the Commission should be completed within the time schedule to avoid cost escalation and time over-run.

5. Transmission System Planning and Monitoring of the operation of the transmission system

OPTCL needs to ensure the avoidance of underloading of lines and substations to minimize system losses. OPTCL must ensure thorough system studies so that no underloaded projects are taken up due to their economic un-viability. The proper system study should be conducted before proceeding with any network expansion plan. OPTCL shall prepare a plan for increasing automation and implementation of Smart grids in the system gradually.

The Commission has directed that OPTCL shall continuously monitor the operation of the transmission system, prevent overloading by load diversion wherever possible and take up advanced practices for improving system loading of the existing network. Effective utilization of new lines and their impact on transmission loss need to be monitored on continuous basis along with loss reduction strategies.

6. Energy Audit

Energy audit is the backbone of the Distribution Business. That is why, the Commission has been consistently pursuing the DISCOMs to establish a system for the above purpose. The main hurdles in conducting energy audits are due to the non-availability of meters. The DISCOMs have been directed to carry out Energy Audit on a regular basis. The Commission has issued a protocol to carry out energy audit vide letter No. OERC-Eng-4/G-2010/130 Dt 11.09.2017. As per the said protocol, Energy Audit has to be carried out in four stages such as

- (i) Energy Audit between 33 kV to 11 kV
- (ii) Energy Audit from 11 kV feeder up to the consumer
- (iii) Energy Audit from DTR to the consumer
- (iv) Energy Audit from 33 kV to 11 kV, DTR and up to the consumer

The DISCOMs have been directed to continue with the present practice till implementation of 100% metering of consumers and DTRs of the system. Further, the Commission is insisting on the installation of Smart meters/pre-paid smart meters which would facilitate timely billing and revenue realization of the distribution business. Adoption of pre-paid smart meters will also reduce the AT&C loss and the gap of ACS-ARR easing the tariff burden on consumers.

7. Provision of Meters/Smart Meters

As per the mandate in Electricity Act, 2003 in no case, the consumer should avail power supply without a correct meter. The Power utilities throughout the country are moving towards smart metering/ digitization/ automation etc. in order to stay competitive and extend quality service to their consumers. Further, the Smart metering solution in the DISCOM system would eliminate human interference and thus it is the need of the hour. It will also help in implementation of Demand Side Management (DSM) and remote connection/disconnection of power supply. The Commission therefore is keeping track of the developments in the field of smart metering. The



Commission considering the provisions in Clause 97(iv)(3) of OERC Distribution (Conditions of Supply) Code, 2019; Regulation 4 of CEA (installation and Operation of Meters) Regulations, 2006 as amended on 28.02.2022; and Ministry of Power Notification on Central Electricity Authority (Installation and Operation of Meters) (Amendment) Regulations, 2019 dt. 23.05.2022, has intimated the DISCOMs that smart metering shall be installed for new supply connection; consumer without meter; consumer with defective meter or electromechanical meter; all 33 kV and 11 kV feeders; and Distribution Transformers (DTs) (i.e., all feeders & DTs to conduct energy audit). However, the following priority is to be maintained for installation of Smart Meters in their respective area of operation:

- (i) Government departments and other sub-ordinate offices/ PSUs/ Bodies (including the PRIs and ULBs, cooperative societies, etc.; Industrial Consumers (with meters more than 5 years old); three phase consumers with static meter (more than 5 years old) having consumption of more than 200 units per month; and the consumers willing for such installation in areas with communication network;
- (ii) Single phase consumer with static meter (more than 5 years old) in areas with communication network;
- (iii) Three phase consumers with static meter (more than 5 years old) having consumption of less than or equal to 200 units per month in areas with communication network.

Thereafter, DISCOMs may approach the Commission for installation of smart meter for consumers with static meter (less than 5 years old); Industrial Consumers (with meters less than 5 years old); agricultural consumers; and other consumers in areas with communication network.

8. Implementation of a common consumer indexing

Consumer indexing is the basis of conducting Energy Audit in the distribution business. With an aim to give an identity to each of the elements (and attributes) in a distribution system, the Commission, with the suggestion of a committee involving DISCOM officials, had issued a protocol for Consumer Indexing in the state. A properly planned Consumer Indexing practice is necessary for the state in order to tag all the elements of a distribution system to a network path. The objectives behind Consumer Indexing are as stated herein after:

- (i) To determine the loss in the identified / whole distribution network as a part of energy audit in the DISCOMs
- (ii) To identify a consumer with his connected network such as DTR, 11 KV Feeder, 33 KV Feeder and so on; thus enabling the DISCOMS to focus on elements responsible for high AT&C loss.
- (iii) To identify a particular asset of a DISCOM with its predecessors and successors thus helping in getting holistic picture of the network and managing its assets.
- (iv) Maintenance and planning through asset history management
- (v) Inventory planning resulting in lower down time
- (vi) Power pilferage detection
- (vii) Promoting feeder or DTR profit centre concepts.



9. Monitoring quality of power in DISCOMs

The Commission expects that with continuous monitoring, the system will revive and continue to give good service to the consumers. In order to extend quality & reliable power to the consumers of the state, distribution licensees are to comply the following recommendations:

- The DISCOMs should complete pole scheduling, consumer indexing, distribution network mapping linking with indexed consumer and also ensure that reliable & correct meters are installed at all points of consumption for the purpose of Energy Audit to identify revenue leakage.
- Pro-active action for disconnection of such consumers whose bills are not paid continuously.
- In order to have the capacity building of employees and officers as regards to enhancement of knowledge on evolving technologies and best practices being used by the other organizations, the licensees should impart training to its personnel to upgrade their skills to cope up with the changing needs.
- The Standard of Performance should be verified by a third party on behalf of licensee itself.
- The DISCOMs should ensure that the Standard of Performance in the OERC (Licensees' Standard of Performance) Regulation, 2004 are displayed prominently at all section offices and bill collection counters.
- The DISCOMs should establish centralised customer care centres at urban and suburban areas also.
- The DISCOMs should fulfil their obligation of energy conservation and DSM activities under OERC (DSM) Regulation, 2011.

This division is dealing with implementation of the abovementioned recommendations on a regular basis.

10. The Engg. Division in addition to other works took up the following other activities during the FY 2023-24:

a) Publication of System Performance during FY 2022-23 of OPTCL:

The annual system performance of OPTCL for the year 2022-23 was submitted by SLDC, OPTCL on 24.07.2023 and cross-checked with the data furnished by GRIDCO. The consolidated statement of system performance was examined and approved along with the observations by OERC on 05.09.2023 for publication.

The summary findings of Transmission and Bulk Supply Performance as submitted by OPTCL are as below:

- i) The annual peak demand of OPTCL was 6424 MW during FY 2022-23 is about 779 MW more as compared to 5645 MW experienced during FY 2021-22.
- ii) GRIDCO had drawn 21902.42 MU from the State sector, 14286.00 MU from the Central sector and 504.98 MU as banking, deviation and IEX power import during FY 2022-23, whereas it had drawn 19533.73 MU, 14013.85 MU and 806.974 MU from State, Central sector and as banking, deviation and IEX power import respectively during FY 2021-22. GRIDCO exported 4350.51



MU during FY 2022-23 as banking, deviation and IEX power export, whereas it had exported 5920.69 MU during FY 2021-22.

- iii) During this period, OPTCL made the addition of 176.618 ckt. km of 220 kV lines and 145.309 ckt. km of 132 kV lines. As on 01.04.2023, OPTCL has a total of 1196.87 ckt. km of 400 kV lines, 6675.77 ckt. km of 220 kV lines and 8156.74 ckt. km of 132 kV lines. There was a capacity addition of 4 nos. of 220 kV S/s, 4 nos. of 132/33 kV S/s and 3 no of 132 kV switching stations for Industries. As on 01.04.2023, OPTCL has 5 nos. of 400 kV S/s, 45 nos. of 220 kV S/s and 138 nos. of 132 kV S/s (including switching stations and switching stations for industries) totaling 188 S/s in the transmission system.
- iv) During FY 2022-23, no restriction was clamped due to non-availability of transmission capacity. Also, there was no rescheduling of generation on account of non-availability of transmission capacity. OPTCL reported that there was no blackout experienced in the state during the FY 2022-23. The Commission has directed OPTCL to ensure the avoidance of underloading of lines and substations to minimize system losses and should conduct a comprehensive system study before proceeding with any network expansion plan.

b) Other important tasks carried out by the Engineering Division during 2023-24 include:

- i) Approval of Capex Proposals of DISCOMs for FY 2024-25 & FY 2025-26 (FY 2024-25 for TPCODL) totaling to Rs 2572.26 Cr (Rs 380.53 Cr for TPCODL, Rs 701.37 Cr for TPNODL, Rs 659.99 Cr for TPSODL and Rs 830.37 Cr for TPWODL).
- ii) Framing of the Standard Operating Procedure for Implementation of Net Metering, Gross Metering, Virtual, Net metering & Group Net metering for Solar PV Projects.
- iii) Framing of amendments (1st & 2nd) to the OERC distribution (Conditions of Supply) Code, 2019.
- iv) Orders in relation to OERC distribution (Conditions of Supply) Code, 2019.
- v) Annual System Performance of OPTCL.
- vi) Matters relating to providing compensation to victims in line with the OERC (Compensation to Victims of Electrical Accidents) Regulations, 2020
- vii) Business Plan and Transmission Plan of OPTCL for the State of Odisha.
- viii) CEA, CERC, FOR, Assembly Questions, Parliament Questions.
- ix) General Consumer Complaints.
- x) Metering/Smart Metering and AMI for DISCOMs.
- xi) Monitoring of License Fees.
- xii) Matters related to system operation and implementation of Odisha Grid Code.
- xiii) Energy Conservation and DSM.
- xiv) Issues related to roof top solar installation, Operation of franchisees in DISCOMs.
- xv) Investment approval of the licensees.



B. Major Activities of IT section (FY 2023-24)

1. Functioning of Video Conferencing Platform for day-to-day hearing of cases and on-line meetings of the Commission

Hearings and meetings with the stakeholders in the power sector is currently being carried out through Hybrid mode. The consumers, the representatives from GoO, officers of the licensees, the lawyers and others could participate in the hearings and meetings conducted by the Commission, either virtually by connecting online through Google meet platform or by being physically present in OERC hearing hall. Google Meet is being chosen as the video conferencing platform and hearings and meetings are organized with various stakeholders by sending links to the desired participants.

2. Enhancement of internet bandwidth in OERC

Two Internet Service providers i.e. M/s. STPI and M/s. PGCIL are providing Internet Leased Line to OERC for accessing wireless and NICNET connectivity respectively. M/s. STPI has increased internet bandwidth from 26 Mbps to 64 Mbps without any additional cost and in order to increase the NICNET connectivity M/s. PGCIL has increased internet bandwidth from 10 Mbps to 20 Mbps with an additional cost of Rs.21,322/- plus GST annually.

3. Implementation of e-filing and e-office application software in OERC

In order to promote Information and Communication Technology, two new initiatives were taken for automation of day-to-day activities at OERC:

- (i) **e-filing and Case Management System:** Facilitate the online filling of complaints, written statements, upload documents, replies and various applications related to cases. The system would automate administrative processes such as Application Scrutiny, Documents & Payment verification, fine calculation, Automated digitization Case Records, Hearing Schedule, and public notices related to petitions. It would also provide a centralized platform for managing these functions and allow staff to easily retrieve and update case information. An MoU between OERC & CERC was executed to provide free license and implementation of e-filing software developed by CERC.
- (ii) **e-Office:** e-Office is Mission Mode Project under the National E-Governance Plan, developed and implemented by National Informatics Centre (NIC). This package is intended to bring efficiency of decision making and transparency in governance. One of the major modules, e-File, is a workflow-based system that includes the features of existing manual handling of files in addition to more efficient electronic system. In this regard User IDs and password have been created of individual employees to work with e-office. NIC has started implementing e-Office at OERC in the month of January 2024. CMGI is the State Implementing Agency of e-Office in Odisha.

4. Creation of official Email ids under Government of Odisha

To bring transparency and efficiency to the working environment, new government email ids were created and issued to all officers/staffs. This mailing service has been provided by OCAC under the IT Department of the Government of Odisha.



5. New Website of OERC

The new website (www.orierc.org) is available with the following features:

- i) **Web technology & Security up gradation** - The website is designed using the CMS (Content Management System) which facilitates to manage (view, edit, delete, publish) content of the website. User has facility to create page, menu etc.
- ii) **Complete website look & feel change with highly responsive web pages** – The website is able to support devices like desktop, laptop, tablet and mobile. The website also supports major browsers like Google Chrome, Mozilla Firefox, Safari.
- iii) **Dynamic user and role management system** - CMS has inbuilt facility to create multiple number of users to manipulate with content of the website with access rights under various roles like administrator, contributor, etc. User shall be authenticated via simple user name and password. There will be various privileges associated with the users and the levels.
- iv) **Image & video management** - CMS has the facility to create category for video and images and uploading as many numbers of videos or images under a particular category. Media (image or video) management is to manage media files like images, videos, pdf etc. CMS facilitates drag and drop option to upload media into the uploader to add it to the portal.
- v) **Feedback management** - CMS has facility to view feedbacks or suggestions received with provision to reply on a particular feedback or suggestions with provision to publish best feedbacks. Any visitor of website who submitted their feedback or suggestions through the website will have the provision to view in the CMS feedback section. The admin or authorized users has the access to the page who could be able to reply a particular response received from the visitors.
- vi) **Internal & external page banner** - Website has the banner images both in landing page (Home page) and internal pages. The CMS provides dynamic feature for uploading a banner image with basic tools like cropping & resizing facility for the images. The user can link a particular banner image with the pages.
- vii) **Photo & video gallery** - Website has photo and video galleries. The galleries further consist of categories under which relevant images or videos could be placed with view in zoom mode facility. The CMS has the provision to create categories and upload multiple images at a time under a particular gallery.

6. Procurement of IT Equipments and Services

- (a) Laptops 2 nos., desktops 6 nos., ADF scanner 3 nos., printer 8 nos., VC system, IT peripherals, Access point 1 nos. and Akruti software 1 nos. were procured for a total cost of Rs. 22.01 lakh to strengthen the IT infrastructure with latest technology.
- (b) A stable, robust and user-friendly video conferencing platform for OERC's day-to-day functioning, Google Workspace, which included Google Meet for 256 users among other services, was procured for a charge of Rs.26,600/-per annum.



7. **Entry/Updation/Maintenance of Data in Case Tracking System and OERC Pension Fund Trust**

IT section made the entry / updation of details related to the cases including the orders on regular basis. The uploading of the data maintained in the local server was effected every day to our website making the data about the cases available to the public. MIS reports for pending cases, final cases and cases whose hearing are concluded and order reserved were provided to RA (Regulatory Affairs) division for taking necessary action at their end. IT section also made the entry/updation of details related to OERC Pension Fund Trust.

8. **Entry/Updation/Maintenance of Data in Web-based GRF System**

The web-based System on GRF Orders gets the case orders in soft form from 18 GRFs across Odisha every week and these are processed, formatted and entered into the system for enabling the users to view /query the orders on the basis of various parameters like category of complaint, regulation & clause involved, divisions, period etc. Presently, all the orders from January 2014 are available on the website of OERC i.e. www.orierc.org.

This system provides useful and detailed information about the cases which have been disposed of by 18 nos. of GRFs in Odisha.

9. **Maintenance of Database, Hardware and Software**

a) Maintenance of Database entailed the following activities

- System data transfer from Excel/ Other Formats to text
- Converting Data to Oracle format
- Exporting data from Local Server
- Importing & configuring Data in Web Server
- Regular backup of
 - RIMS (Regulatory Information Management System)
 - Savior System (Attendance Recording System)
 - CTS (Case Tracking System)
 - GRF Orders System

b) Hardware Maintenance involved the following activities

- Solving Computer Booting/Shutdown/Hang problems
- Resolving Network problems
- Resolving CCTV and PA (Public Address) System related problems
- Installation of Biometric Attendance Recording System
- Fixing of Printer and Monitor related problems
- Maintenance of Oracle Server, Internet Server, Switch, HUB, Modem, CCTV, Mail Server etc.

c) Software Maintenance entailed the following activities

- Installation of software including Operating System and Application software
- Up gradation of software including anti-virus
- Maintenance of software & data in Attendance Recording System



6.3 ACTIVITIES OF THE REGULATORY AFFAIRS DIVISION

The Regulatory Affairs Division deals with all legal matters pertaining to the functions of the Commission. It also scrutinizes applications / replies/objections filed before the Commission, rendering necessary legal advice on various matters. The Division engages Advocates for representing the Commission in various Courts, Fora and Tribunals including liaising with legal counsels. It is also involved in drafting and vetting of Regulations, Tariff Orders, practice directions, notifications; maintaining relevant legal information, participating in Commission's proceedings.

1. Case matters before the High Court/Supreme Court/APTEL (During FY 2023-24)

During the year 2023-24 the Commission had received notices in 25 no. of cases from the Hon'ble High Court of Orissa, Cuttack. The Commission also received notices in 19 no. of appeals from the Appellate Tribunal for Electricity (ATE), New Delhi and no notice was received from the Hon'ble Supreme Court of India.

The Commission had engaged Shri Rutwik Panda, Advocate-on-Record and considering importance of the matter on case to case basis has engaged Shri G. Umapathy, Sr. Advocate, Sri Sanjay Sen, Sr. Advocate and Sri Sekhar Naphade, Sr. Counsel in Hon'ble Supreme Court of India/ Appellate Tribunal for Electricity, New Delhi as its Legal Counsels and Shri Biswajit Mohapatra, Advocate and Shri S. P. Mishra, Sr. advocate, Shri P. P. Mohanty, Advocate, Shri S. Styakam, Advocate, Shri Abhisek Dash, Advocate & Shri Amit Pattnaik, Advocate as its Legal Counselsto represent the cases on behalf of the Commission before the Hon'ble High Court of Orissa in case to case basis.

2. Status Regulations Framed under Electricity Act, 2003 by OERC

Consequent upon implementation of the Electricity Act, 2003, the Odisha Electricity Regulatory Commission has framed a number of Regulations. The following Regulations are in force after repeal of some of the older Regulations.

Sl. No.	Name of the Regulations	Odisha Notification Date	Published in Orissa Gazette No. and Date
1.	OERC (Licensees Standards of Performance) Regulations, 2004	21 st May, 2004	28 th May, 2004
2.	OERC (Grievances Redressal Forum and Ombudsman) Regulations, 2004	5 th April, 2004	17 th May, 2004
3.	OERC (Procedure for filing appeal before the Appellate Authority) Regulations, 2004	21 st May, 2004	28 th May, 2004
4.	OERC (State Advisory Committee) Regulations, 2004	21 st May, 2004	28 th May, 2004
5.	OERC (Conduct of Business) Regulations, 2004.	21 st May, 2004	28 th May, 2004
6.	OERC (Intra-State ABT) Regulations, 2007	17 th Dec., 2007	14 th Feb., 2008
7.	OERC (Fees and Charges of State Load Despatch Centre and other related matters) Regulation, 2010	6 th June, 2010	18 th November, 2010
8.	OERC(Demand Side Management)Regulation,2011	20 th Aug, 2011	16 th Nov., 2011



Sl. No.	Name of the Regulations	Odisha Notification Date	Published in Orissa Gazette No. and Date
9.	OERC (Terms and Conditions for Determination of Transmission Tariff) Regulations, 2014	21 st Oct, 2014	4 th Dec. 2014
10.	Odisha Grid Code (OGC) Regulations, 2015	11 th Aug., 2015	21 st Dec., 2015
11.	Odisha Electricity Regulatory Commission (Mini-Grid Renewable Energy Generation and Supply) Regulations, 2019	10th June, 2019	29 th July, 2019
12.	Odisha Electricity Regulatory Commission Distribution (Conditions of Supply) Code, 2019	27th Aug, 2019	11th October 2019
13.	OERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2020	15 th July, 2020	26 th August, 2020
14.	OERC (Compensation to Victims of Electrical Accidents) Regulations, 2020	30 th May, 2020	14 th August, 2020
15.	OERC (Terms and Conditions of Intra-State Open Access) Regulations, 2020	02 nd Nov., 2020	18 Nov., 2020
16.	OERC (Procurement of Energy from Renewable Sources and its Compliance) Regulations, 2021	17 th January, 2022	15 th February, 2022
17.	OERC (Terms and Conditions for Determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022	20 th Dec, 2022	23 rd Dec, 2022
18.	OERC (Promotion of Renewable Energy through Green Energy Open Access) Regulations, 2023	27 th Dec, 2023	11 th January, 2024

The above Regulations are available in the Commission's website – www.orierc.org.

3. Proceedings before the Commission

The Regulatory Affairs Division examines and scrutinizes petitions/ replies/ objections filed before the Commission.

The Division advises and renders legal opinion on matters referred to it by the Engineering, Tariff, Secretarial and Administrative Divisions.

141 no. of Cases were registered and 143 no. of Cases were disposed of by the OERC during the period from 01.04.2023 to 31.03.2024 including 10 nos. of cases of Tariff matters for FY 2024-25.

Important Orders passed during 1st April, 2023 to 31st March, 2024

Sl. No.	CASE NUMBER	FINAL HEARING DATE	PETITIONER	SUBJECT
1	07/2019	03/JUN/2023	PRASAD BIO-ENERGY (P) LTD.	For resolution/arbitration of disputes arising between the parties for setting up of 10MW Biomass based power project in village Theruballi under Rayagada district and refund of the above amount with @ 12% interest per annum from 13.11.2014.



2	13/2019	03/JUN/2023	ANDHAVARUPU POWER PROJECTS PVT.LTD.	For arbitration of disputes arising between the parties for setting up of 10MW Biomass based power project in Nawarangpur district and refund of the above amount with@ 12% interest per annum from 24.11.2014.
3	67/2019	12/JAN/2024	GRIDCO	Approval of Supplementary PPA executed between OPGC Ltd. and GRIDCO Ltd. and draft Amendment to PPA-2 for procurement of firm power from Unit#3 & #4 of OPGC Expansion Project in compliance with the Notification dated 21.06.2008 and 12.10.2019 of the State Government respectively.
4	20/2020	26/DEC/2023	VEDANTA LTD.	Seeking approval of Multi Year Tariff for supply of power for FY 2019-20 to FY 2023-2024 in terms of the consolidated Power Purchase Agreement (PPA) dated 19.12.2012 executed between the petitioner and GRIDCO Ltd.
5	28/2020	26/DEC/2023	GRIDCO	Application under Section 142 of the Electricity Act,2003 for implementation of Order dated 04.06.2019 of the OERC passed in Case Nos.01of 2017 & 64 of 2017.
6	52/2020	19/OCT/2023	OPTCL	An Application for Determination and approval for levy of Grid Support Charges (GSC) for industries having Captive Generating/Co-generation Plants and running in parallel with the Grid of Odisha Power Transmission Limited.
7	88/2020	30/SEP/2023	BAITARINI POWER PROJECT PVT. LTD.	Application as per para 10 of the order dated 16.02.2019 of OERC passed in Case No.46 of 2018 for approval of project specific tariff for 24MW (3X8 MW) SHEP situated on river Baitarani for the third control period 2018-19 to 2020-21.
8	48/2021	11/APR/2023	TRILOCHAN ROUT	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 06.04.2021 of the Ombudsman-I passed in C.R. Case No.55 of 2021.



9	92/2021	11/APR/2023	PREMANANDA KHUNTIA	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 06.08.2021 of the Ombudsman-I passed in C.R. Case No.109 of 2021.
10	93/2021	04/JUL/2023	SABITRIDEVI EDUCATIONAL TRUST	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 30.12.2020 of the GRF, Paradeep passed in C.C. Case No.704 of 2020.
11	129/2021	03/MAY/2023	GRIDCO	Application under Section 94 (1)(f) of the Electricity Act, 2003 read with Order 47 Rule-1 of the Civil Procedure Code, 1908 and regulation 70 of the OERC (Conduct of Business) Regulations, 2004 seeking review of order dated 05.10.2021 of the Commission passed in Case No.34 of 2018.
12	52/2022	12/MAY/2023	OPTCL	Application under condition 10 of its License Conditions for approval of Investment proposal for construction of 220/132/33kV, 220/33kV & 132.33kV Sub-stations along with associated transmission lines and 220kV and 132kV transmission lines on availing loan assistance from suitable funding agency and Govt. grants/Equity.
13	53/2022	08/JUN/2023	ORISSA HYDRO POWER CORPN.	For approval of Truing up of Aggregate Revenue Requirement (ARR) & Determination of Generation Tariff of OHPC power stations for the FY 2016 17 to 2020-21 in terms of Sections 64 and 86 of the Electricity Act, 2003.
14	58/2022	22/MAY/2023	OPTCL	Application under condition 10 of its License Conditions for approval of Investment proposal for construction of 220/132/33kV, 220/33kV & 132.33kV Sub-stations along with associated transmission lines and 220kV and 132kV transmission lines on availing loan assistance from suitable funding agency and Govt. grants/Equity.



15	61/2022	21/APR/2023	OPTCL	Application under Section 94(1)(f) of the Electricity Act, 2003 read with Regulation 70(1) of OERC (Conduct of Business) Regulations, 2004 and the provisions of Order 47 Rule-1 of the Civil Procedure Code, 1908 for review of order dated 12.07.2022 of OERC passed in Case No. 119 of 2021 regarding truing up proposal for FY 2020-21.
16	63/2022	29/APR/2023	OPTCL	Application under condition 10 of its License Conditions for approval of Investment proposal for construction of 220/33kV and 132/33kV Sub stations along with associated transmission lines and 220kV transmission lines on availing loan assistance from suitable funding agency and Govt. grants/Equity.
17	70/2022	15/APR/2023	GRIDCO	Application under Section 86(1)(b) of the Electricity Act, 2003 read with Section 11(1)(e) & Section 21(4)(b) of the OER Act, 1995 seeking approval of Power Purchase Agreement (PPA) executed on 20.01.2007 between M/s. NTPC Ltd. and GRIDCO for purchase of 2000 MW of power from Talcher Super Thermal Power Station (TSTPS), Stage-II, Odisha.
18	73/2022	29/AUG/2023	RANJAN KUMAR GIRI	Application under Section 142 of the Electricity Act, 2003 for non implementation of order dated 28.07.2022 of the Ombudsman-II passed in C.R. Case No.08 of 2022.
19	92/2022	17/OCT/2023	AVANTIKA POWER PROJECTS PVT. LTD.	Application under Sections 61, 62 & 64 of the Electricity Act, 2003 read with Regulation 61 of OERC (Conduct of Business) Regulations, 2004 for determination of Project Specific Tariff for the 18MW Small Hydro Electric Project of the petitioner.
20	97/2022	21/JUN/2023	TPWODL	Application for approval of Capex Plan for the FY 2023-24 in the licensed area of its operation in compliance to the directions of the Commission in the vesting order dated 28.12.2020 passed in Case No.82 of 2020 as well as the OERC (Terms and Conditions for



				determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
21	98/2022	21/JUN/2023	TPCODL	Application for approval of Capital Investment Plan for the FY 2023-24 in the licensed area of its operation in compliance to the directions of the Commission in the vesting order dated 26.05.2020 passed in Case No.11 of 2020 as well as the OERC (Terms and Conditions for determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2014.
22	99/2022	19/JUN/2023	TPNODL	Application for approval of Capex Plan for the FY 2023-24 in the licensed area of its operation in compliance to the directions of the Commission in the vesting order dated 25.03.2021 passed in Case No.09 of 2021 as well as the OERC (Terms and Conditions for determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
23	100/2022	09/JUN/2023	OREDA	For review of tariff order dated 20.12.2019 passed in Case No.82 of 2018
24	101/2022	09/MAY/2023	ROMCO ALUMINATES PVT. LTD.	Application for extension of additional load factor incentive in Retail Supply Tariff as approved to steel industries as per Para 204 of the RST order dated 30.03.2022 of OERC passed in Case No.109 of 2021.
25	01/2023	02/MAY/2023	ADITYA SETH	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 18.11.2022 of the Ombudsman-II passed in C.R. Case No.36 of 2022.
26	02/2023	20/JUL/2023	OPTCL	Application under Sections 94(1)(f) & 86(1)(K) of the Electricity Act, 2003 read with Regulation, 70 of the OERC (Conduct of Business) Regulations, 2004 and all the enabling powers in this regard thereby seeking review of order dated 30.09.2022 passed in Case No.18 of 2022 regarding in the matter of Open Access involving Intra-state transmission charges.



27	03/2023	02/MAY/2023	SOUTH EASTERN RAILWAY	Application under Reg. 139 of the OERC Distribution (Condition of Supply) Code, 2019 for approval of tripartite agreement for Enhancement of Contract demand from 16500kVA to 18500kVA at 132 kV of the 132/25 kV Rourkela/ Traction Sub Station substation of South Eastern Railway at Rourkela (inside RSP premises).
28	04/2023	02/MAY/2023	AUROSHREE STONE CRUSHER	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 20.02.2021 of the GRF, Bhubaneswar at Khordha passed in C.C. Case No.650 of 2020.
29	05/2023	19/JUN/2023	TPSODL	Application for approval of Capital Investment Plan for the FY 2023-24 in the licensed area of its operation in compliance to the directions of the Commission in the vesting passed in Case No.83 of 2020 as well as the OERC (Terms and Conditions for determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
30	07/2023	02/MAY/2023	RAMAKANTA PAL	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 26.03.2013 of the Ombudsman-II passed in C.R. Case No.04/2013 and also order dated 14.10.2015 in Case No.51/2014 of OERC.
31	09/2023	09/JUN/2023	OPTCL	Application under condition 7.1, 7.3 & 10 of Licensee Conditions for approval from OERC for taking over of 220/132 KV TTPS switchyard from NTPC on "as is where is basis" vide Order dated 27.10.2006 passed in Case No.22 of 2006.
32	14/2023	29/AUG/2023	VEDANTA LTD.	Seeking direction of the Commission to GRIDCO Ltd. to allow the petitioner to procure additional coal from alternate sources in order to enable to generate and supply state entitlement of power to GRIDCO as per PPA dated 19.12.2012 and in alternative to make payment of capacity charges to the extent of 600 MW irrespective of actual power being supplied to the extent of linkage coal available.



33	15/2023	08/AUG/2023	KRUPALU SOLVENT	Application under Section 142 of the Electricity Act, 2003 for implementation of orders dated 04.12.2020 of the GRF, Jajpur passed in Case No.16 of 2020 & order passed in Case No.25 of 2020 and Order dated 11.01.2021 of the Ombudsman-II passed in C.R. Case No.24 of 2020.
34	16/2023	08/AUG/2023	HAREKRUSHNA RICE PROCESSING AND EXPORTS	Application under Section 142 of the Electricity Act, 2003 for non-implementation of orders dated 04.12.2020 of the GRF, Jajpur passed in Case No.15 of 2020 & order passed in Case No.24 of 2020 and Order dated 11.01.2021 of the Ombudsman-II passed in C.R. Case No.25 of 2020.
35	17/2023	08/AUG/2023	KRUPALU RICE INDUSTRIES PVT. LTD.	Application under Section 142 of the Electricity Act, 2003 for non-implementation of orders dated 04.12.2020 of the GRF, Jajpur passed in Case No.17 of 2020 & order passed in Case No.23 of 2020 and Order dated 11.01.2021 of the Ombudsman-II passed in C.R. Case No.23 of 2020.
36	18/2023	09/MAY/2023	DELIGHT LAYER PVT.LTD.	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 21.09.2022 of the Ombudsman-II passed in C.R. Case No.06 of 2022.
37	19/2023	08/JUN/2023	ORISSA HYDRO POWER CORPN.	For approval of true up of ARR and tariff of individual power Stations of OHPC from the Financial Year 2021 2022.
38	20/2023	09/MAY/2023	CHITA RANJAN SAMANTARAY	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 21.09.2022 of the Ombudsman-II passed in C.R. Case No.06 of 2022.
39	21/2023	12/APR/2023	JINDAL STAINLESS LTD.	Application under Section 86(1)(f) of the Electricity Act, 2003 read with Regulation 1.13 of the Orissa Grid Code (OGC) Regulations, 2006 for determination of demand charges on Open Access quantum.
40	22/2023	02/MAY/2023	ASWINI KUMAR BEHERA	Application petition under Sections 142 of the Electricity Act, 2003 for



				compliance of order dated 07.07.2012 of the GRF, Burla passed in C.C. Case No.01/2012-13 and so also Order dated 05.12.2022 of the Ombudsman-II passed in C.R. Case No.09/2022.
41	23/2023	02/MAY/2023	OMFED KEONJHAR	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 30.09.2013 of the GRF, Jajpur Road passed in C.C. Case No.232 of 2013.
42	24/2023	02/MAY/2023	OMFED KEONJHAR	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 26.05.2012 of the Ombudsman-II passed in C.R. Case No.13 of 2012.
43	25/2023	03/JUN/2023	OPTCL	Application under Condition 10 of its licence Conditions for approval of Investment proposal for construction of 132kV Single Circuit XLPE U/G cable of size 630mm ² copper from 220/132/33kV Grid S/S Joda to 132/33kV Grid S/S, Barbil on availing loan assistance from suitable funding agency.
44	26/2023	04/JUL/2023	TAPAN KUMAR SAHU	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 31.10.2022 of the GRF, Jajpur Road passed in C.C. Case No.93 of 202 and Order dated 13.02.2023 of the Ombudsman-II passed in C.R. Case No.70 of 2022.
45	27/2023	09/MAY/2023	RAMA CHANDRA ROUT	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 22.06.2022 of the GRF, Khordha passed in C.C. Case No.97/2022 and order dated 19.10.2022 of the Ombudsman-II, passed in C.R. Case No.164 of 2022.
46	28/2023	06/JUN/2023	OPTCL	Application under Sections 94(1)(f) & 86(1)(K) of the Electricity Act, 2003 read with Regulations, 70 & 76 of the OERC (Conduct of Business) Regulations, 2004 and all the enabling powers in this regard thereby seeking



				review of order dated 16.01.2023 passed in Case No.36 of 2022 regarding non-payment of Open Access Charges by M/s. BEL.
47	29/2023	06/JUN/2023	OPTCL	Seeking review of order dated 16.01.2023 passed in Case No.47 of 2022 regarding illegal enforcement/levying charges under OERC (Terms & Conditions of Intra State Open Access) Regulations, 2020 instead OERC (Terms & Conditions of Intra State Open Access) Regulations, 2005 and TCAA dated 07.08.2018 existing between the parties.
48	30/2023	08/AUG/2023	MAITHAN ISPAT LTD.	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 15.10.2009 of the Ombudsman-II, passed in C.R. Case No.16 of 2009.
49	31/2023	08/AUG/2023	MAITHAN ISPAT LTD.	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 20.10.2011 of the Ombudsman-II, passed in C.R. Case No.37 of 2011.
50	32/2023	23/MAY/2023	DHRUTI CONSTRUCTION & DEVELOPMENT PRIVATE LTD.	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 02.08.2021 of the GRF, Bhubaneswar passed in C.C. Case No.184/2021.
51	33/2023	23/MAY/2023	TPCODL	Application for extension of timeline of One-Time settlement (OTS) Scheme 2022 for waiver of long outstanding Government arrears (including public Sector Undertakings, Autonomous Organizations, Local Bodies [ULBs & PRIs]) as well as other than Government consumers of the DISCOMs under Regulations, 154, 199 and 204 of the OERC Distribution (Condition of Supply) Code, 2019.
52	34/2023	23/MAY/2023	PRADHAN INDUSTRIES LTD.	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 31.12.2022 of the GRF, Jajpur Road passed in C.C. Case No.116/2022.
53	35/2023	11/JUL/2023	GRIDCO	Application under Sections 86(1)(f) & 94(2) of the Electricity Act, 2003 read



				with Regulations, 70(1) of the OERC (Conduct of Business) Regulations, 2004 seeking direction of the Commission regarding settlement of securitized dues of OHPC Ltd.
54	36/2023	05/AUG/2023	ABREL SOLAR POWER LTD.	Application under Sections 86(1)(e) & 86(1)(f) of the Electricity Act, 2003 seeking to set-aside the Deviation Charges levied at unscheduled Interchange (UI) rate by GRIDCO Ltd as being illegal and without any authority of law.
55	37/2023	23/MAY/2023	MAA KIRANDEVI AGRO FOODS (P) LTD.	Application under Section 142 of the Electricity Act, 2003 for non-implementation of order dated 01.03.2016 of the Appellate Authority, Keonjhar passed in Case No.AAC-6 of 2015.
56	38/2023	03/JUN/2023	GRIDCO	Seeking for prior approval of the Power Sale Agreement (PSA) to be executed between GRIDCO and M/s. Solar Energy Corporation of India Ltd. (SECI) for procurement of 600MW Wind Power under ISTS connected Wind Power Projects Scheme Tranche-XIII towards compliance of Renewable Purchase Obligation (RPO).
57	40/2023	06/JUN/2023	SUJIT KUMAR SATPATHY	Application under Section 142 of the Electricity Act, 2003 for non implementation of order dated 28.02.2023 of the S.E.-Cum-D.E.I., Appellate Authority, Bhubaneswar passed in Case No.01 2022.
58	41/2023	11/JUL/2023	ABHIMANYU MASANTA	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 11.04.2023 of the GRF, Balasore passed in C.C. Case No.54.
59	42/2023	14/JUL/2023	GRIDCO	Application under Section 86(1)(b) of the Electricity Act, 2003 read with Sections 11(e) & 21 of the OER Act, 1995 and other enabling provisions seeking post facto approval of Power Purchase Agreement (PPA) executed on 14.08.2009 between M/s. PTC India Ltd. and GRIDCO for purchase of



				336 (4X 84) MW power from Chukha Hydro Electric Project, Bhutan.
60	43/2023	14/SEP/2023	TPNODL	Application for approval of Business Plan for FY 2024-25 to FY 2027-28 in compliance to Regulation 2.1 of the OERC (Terms and Conditions for determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
61	44/2023	14/SEP/2023	TPWODL	Application for approval of Business Plan for FY 2024-25 to FY 2027-28 in compliance to Regulation 2.1 of the OERC (Terms and Conditions for determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
62	45/2023	14/SEP/2023	TPCODL	Application for approval of Business Plan for FY 2024-25 to FY 2027-28 in compliance to Regulation 2.1 of the OERC (Terms and Conditions for determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
63	46/2023	14/SEP/2023	TPSODL	Application for approval of Business Plan for FY 2024-25 to FY 2027-28 in compliance to Regulation 2.1 of the OERC (Terms and Conditions for determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
64	47/2023	22/AUG/2023	SHREE GURU BRICKS	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 15.04.2021 of the GRF, Jajpur Road passed in C.C. Case No.20/2021 as well as order dated 19.08.2021 of the Ombudsman-II passed in C.R. Case No.36 of 2021.
65	48/2023	18/JUL/2023	S.N. OXYGEN (P) LTD.	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 29.10.2020 of the GRF, Cuttack passed in C.C. Case No.402/2020.
66	49/2023	03/AUG/2023	OPTCL	Application under condition 10 of Licensee Conditions for approval of Investment proposal for construction of Multy storied Quarters Complex



				consisting of 92 nos. of Quarters for OPTCL at Bhoinagar, Bhubaneswar with utilization of funds from own source.
67	50/2023	22/AUG/2023	AMRIN KHANAM	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 30.12.2020 of the GRF, Paradeep passed in C.C. Case No.799 2020 as well as Order dated 01.09.202 of the Ombudsman-I passed in C.R. Case No.97 of 2021
68	51/2023	16/AUG/2023	KAKATIYA INDUSTRIES PVT. LTD.	Application under Section 86(1)(f) of the Electricity Act, 2003 for determination of the Agency (GIRDCO/TPWODL) to bill towards power drawn by its 2X 4.5MW SHEP located at Head Regulator of Bargarh Main Canal of Hirakud Dam in Baragarh District of Odisha.
69	52/2023	16/AUG/2023	ORISSA HYDRO POWER CORPN.	Application under Section 94(1)(f) of the Electricity Act, 2003 read with Regulation 70 of the OERC (Conduct of Business) Regulations, 2004 and Order 47 R-1 of the CPC, 1908 for review of Order dated 23.03.2023 of the Commission passed in Case No.74 of 2022.
70	53/2023	25/JUL/2023	MANORANJAN MISHRA	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 10.05.2023 of the Ombudsman-I passed in C.R. Case No. 204 of 2022 arising out of order dated 17.11.2022 of the GRF, Cuttack passed in C.C. Case No.1028/2022.
71	54/2023	18/JUL/2023	KAKATIYA INDUSTRIES PVT. LTD.	Application under Section 94(1)(f) read with Section 86(1)(k) of the Electricity Act, 2003 and Regulation 6(6), 70&76 of the OERC (Conduct of Business) Regulations, 2004 and Order 47R-1 of the CPC, 1908 for review of Order dated 29.03.2019 of the Commission passed in Case No.74 of 2018.
72	55/2023	18/JUL/2023	TRL KROSAKI REFRACTORIES LTD.	Application under Section 94(1)(f) read with Section 86(1)(k) of the Electricity Act, 2003 and Regulation



				6(6), 70&76 of the OERC (Conduct of Business) Regulations, 2004 and Order 47R-1 of the CPC, 1908 for review of Order dated 22.04.2018 of the Commission passed in Case No.74 of 2019.
73	56/2023	18/JUL/2023	TRL KROSAKI REFRACTORIES LTD.	Application under Section 94(1)(f) read with Section 86(1)(k) of the Electricity Act, 2003 and Regulation 6(6), 70&76 of the OERC (Conduct of Business) Regulations, 2004 and Order 47R-1 of the CPC, 1908 for review of Order dated 23.03.2023 of the Commission passed in Case No.80 of 2022.
74	57/2023	18/JUL/2023	TRL KROSAKI REFRACTORIES LTD.	Application under Section 94(1)(f) read with Section 86(1)(k) of the Electricity Act, 2003 and Regulation 6(6), 70 &76 of the OERC (Conduct of Business) Regulations, 2004 and Order 47R-1 of the CPC, 1908 for review of Order dated 24.03.2022 of the Commission passed in Case No.116 of 2021.
75	58/2023	18/JUL/2023	TRL KROSAKI REFRACTORIES LTD.	Application under Section 94(1)(f) read with Section 86(1)(k) of the Electricity Act, 2003 and Regulation 6(6), 70&76 of the OERC (Conduct of Business) Regulations, 2004 and Order 47R-1 of the CPC, 1908 for review of Order dated 26.03.2021 of the Commission passed in Case No.75 of 2020.
76	59/2023	14/AUG/2023	GRIDCO	Application under Section 86(1)(f) of the Electricity Act, 2003 and other enabling provisions and as per direction of the Commission vide order dated 20.12.2021 in Case No.58 of 2021 seeking direction for amendment of Power purchase Agreements (PPAs) dated 21.08.2010 executed with 8 no. of Solar PV project developers of 1MW under RPSSGP Scheme.
77	61/2023	25/JUL/2023	MAHAVEER FLYASH BRICKS	Application under Section 142 of the Electricity Act,2003 for compliance of order dated 30.01.2023 of the GRF, Jajpur Road passed in C.C. Case No.06 of 2023.



78	62/2023	25/JUL/2023	PRANAB KISHORE MOHAPATRA	Application under Section 142 of the Electricity Act, 2003 compliance of order dated 30.12.2014 of the Appellate Authority-cum-Deputy Electrical Inspector(T&D), Balasore passed in Case No.AAC-07/2012.
79	63/2023	17/OCT/2023	ADITYA SETH	Application under Section 142 of the Electricity Act,2003 compliance of order dated 02.05.2023 of the Commission passed in Case No.01/2023, Order dated 16.03.2023 of the Hon'ble High Court passed in W.P.(C) No.37199 of 2022 and order dated 18.11.2022 of the Ombudsman-II passed in C.R. Case No.36 of 2022.
80	65/2023	01/AUG/2023	DEVAVRAT HOMES PVT. LTD.	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 24.03.2023 of the Ombudsman-I passed in C.R. Case No.43 of 2022.
81	66/2023	01/AUG/2023	GANDARAM NAIK	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 17.06.2023 of the Ombudsman-II passed in C.R. Case No.10 of 2023.
82	67/2023	01/AUG/2023	UTAKAL GRAPHITES PVT. LTD.	Application under Section 142 challenging the Show-cause Notice dated 25.08.2001 and consequential notice dated 16.11.2018 & 15.07.2022 of the Respondent -Licensee (TPSODL the then Southco Utility) as per Clause 104 & 105 of the Conditions of the Supply Code, 1998 demanding outstanding energy dues of old connection.
83	68/2023	07/AUG/2023	GRIDCO	Application under Section 94(1)(f) of the Electricity Act, 2003 read with Regulation 70(1) of the OERC (Conduct of Business) Regulations, 2004 and Order 47R-1 & Section 114 of the CPC, 1908 for review of Order dated 23.03.2023 of the Commission passed in Case No.78 of 2022 (Bulk Supply Price for FY 2023-24 and Truing up Expenses for FY 2021-22 passed in Case No.79 of 2022.



84	69/2023	07/AUG/2023	OPTCL	Application under condition 10 of its License Conditions for approval of Investment proposal for construction of 220/132/33kV and 220/33kV Sub stations with associated lines and Sub Station augmentation on availing loan assistance from suitable funding agency and Government Grants/Equity.
85	70/2023	22/AUG/2023	VEDANG INSTITUTE OF TECHNOLOGY	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 23.03.2023 of the Ombudsman-I passed in C.R. Case No.31 of 2023 (arising out of order dated 13.01.2023 of the GRF, Khordha passed in C. C. Case No.354of 2022).
86	71/2023	14/SEP/2023	GRIDCO	Application as per order dated 05.11.2022 passed in Case No.39 of 2022 seeking approval to execute Power Purchase Agreement (PPA) with M/s. NLC India Ltd. for procurement of State Share power of 800 MW of power i.e. 400 MW (Phase-I) & 400 MW (Phase II) from 3200 MW (4X800MW) Thermal Power Project of M/s. NLC India Ltd. at Talabira, in Jharsuguda district of Odisha.
87	72/2023	16/SEP/2023	GRIDCO	Seeking in principle approval for purchase of power from un-allocated quota of Central Generating Stations which were uniformly re-allocated to eastern region beneficiaries by Eastern Region Power Committee (ERPC), GoI and buying and selling of power re allocated through PUSH P Scheme of CEA.
88	73/2023	05/SEP/2023	TPCODL	Application for approval of Supplementary Capital Investment Plan for the FY 2023-24 for mitigation of low voltage problems in the licensed area of its operation in compliance to the directions of the Commission in the vesting order in C. N.11 of 2020 as well as the OERC (Terms and Conditions for termination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.



89	74/2023	22/AUG/2023	SHYAM SUNDAR COLD STORE	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 28.06.2023 of the Ombudsman-II passed in C.R. Case No.63 of 2022.
90	75/2023	22/AUG/2023	LAXMIDHAR SWAIN	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 11.07.2022 of the Ombudsman-I passed in C.R. Case No.41 of 2022 (arising out of order dated 20.01.2022 of the GRF, Cuttack passed in C.C. Case No.1041/2021.
91	76/2023	29/AUG/2023	HINDALCO INDUSTRIES LTD.	Seeking permission to avail voltage levels 220kv from Budhipadar Grid for a temporary period of 12 months after switch over power supply to 400kv from Lapanga Grid connection simultaneously for operating Aditya Aluminium plant at Lapanga, Sambalpur.
92	77/2023	29/AUG/2023	SK. KAMAL UDDIN	Application under Section 142, 129 & 149 of the Electricity Act, 2003 for implementation of order dated 25.04.2023 of the Executive Engineer Cum- Deputy Electrical Inspector-cum Appellate Authority, Bhubaneswar passed in Case No.01 of 2021 under Section 127 of the Electricity Act, 2003.
93	78/2023	05/SEP/2023	TPSODL	Application for approval of Essential Capital Investment Plan for the FY 2023-24 in its Licensed area of supply in compliance to the directions of the Commission in the vesting order dated 28.12.2020 passed in Case No.83 of 2020 as well as the OERC (Terms and Conditions for determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
94	79/2023	17/NOV/2023	TPCODL, TPWODL TPNODL, TPSODL	Application of the DISCOMs of Odisha under Section 42(1), 61, 86 (2) of the EA, 2003 read with Clause 5.9.2, 5.9.4 and 5.9.6 of the NEP and in accordance with Regulation 10 of the OERC (Demand Side Management) Regulations, 2011 for approval of Energy Efficiency Program for



				Domestic Consumers for Promotion of Demand Side Management in the State of Odisha.
95	80/2023	30/SEP/2023	TPSODL	The Vesting Order dated 28.12.2020 of the OERC passed in Case 83 of 2020 for providing necessary clarification and direction to GRIDCO Ltd. to provide necessary credit in the BSP bill arising out of for “Reserve Energy” for the period from March, 2020 to December, 2020(Pre-Vesting period) to TPSODL instead of to erstwhile Southco Utility.
96	81/2023	26/OCT/2023	VEDANTA LTD.	Seeking direction/ issuance of appropriate order of the Commission inter-alia, quashing Notice, communication and bill issued by TPWODL claiming payment of 181.65 Cr towards CSS for OA availed during FY 2015-16 and to refund of the amount of 18.28Cr towards CSS for FY 2015-16 along with DPS of 0.59 Cr paid by the Petitioner with applicable interests/carry costs@ of 1.25% per month
97	82/2023	15/NOV/2023	TPSODL	Application approval of Capital Expenditure for improvement of reliability in Berhampur City in compliance to the directions of the Commission in the vesting order dated 28.12.2020 passed in Case No.83 of 2020 as well as the OERC (Terms and Conditions for determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
98	84/2023	26/SEP/2023	GHANASHYAM MOHARANA	Application under Section 142 of the Electricity Act,2003 for implementation of order dated 13.03.2023 of the Ombudsman-I passed in C.R. Case No.05 of 2023.
99	85/2023	11/OCT/2023	OREDA	Application under Sec 86(1)(e) of the EA, 2003 read with Reg 23 of the OERC (Terms and Conditions of Intra State Open Access) Reg, 2020 and Reg7 (Exemptions under Odisha Renewable Energy Policy 2022) of the OERC (Open Access Charges for FY 2023-24) towards waiver of Cross



				Subsidy Surcharge on the Renewable Power to be supplied to the Obligated Entities of the State.
100	86/2023	17/NOV/2023	SAIL	Application under Section 86(1)(f) of the Electricity Act, 2003 for resolution of the disputes between GRIDCO Ltd., M/s. TPWODL with the petitioner M/s. SAIL, Rourkela Steel Plant, Rourkela.
101	87/2023	26/SEP/2023	ORISSA HYDRO POWER CORPN.	Application under Section 94(1)(f) of the Electricity Act, 2003 read with Regulation 70(1) of the OERC (Conduct of Business) Regulations, 2004 and Order 47R-1 & Section 114 of the CPC, 1908 for review of Order dated 08.06.2023 of the Commission passed in Case No.53 of 2022 regarding approval of true up of ARR and tariff of its individual power stations from the FY 2016-17 to FY 2020-21.
102	88/2023	17/OCT/2023	KAUSALYA DALEI	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 18.07.2023 of the GRF, Berhampur passed in C.C. Case No.284 of 2023.
103	89/2023	17/OCT/2023	SIDHI VINAYAK FOODS	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 02.08.2023 of the GRF, Cuttack passed in C.C. Case No.117 of 2023.
104	90/2023	17/OCT/2023	SK. ABDUL RAHIM	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 29.03.2023 of the GRF, Jajpur Road passed in C.C. Case No.76 of 2023.
105	91/2023	07/NOV/2023	SRI RAM RICE MILL	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 31.03.2023 of the GRF, Cuttack passed in C.C. Case No.57 of 2023.
106	92/2023	07/NOV/2023	SANGRAM KESARI MOHAPATRA	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 11.04.2023 of the Ombudsman-I passed in C.R. Case No.161 of 2022.



107	94/2023	04/DEC/2023	DIRECTOR (RA)	Application Suo-Motu proceeding for determination of Generic tariff and norms in respect of Renewable Power Projects in the State of Odisha for fourth Control Period i.e. from FY 2023-24 to FY 2025-26.
108	96/2023	17/NOV/2023	GRIDCO	Seeking approval of Power Purchase Agreement (PPA) to be executed between PTC India Ltd. and GRIDCO Ltd. for purchase of power from Kurichu Hydro Electric Project, Bhutan (60MW) as per distribution of un-allocated quota of Central Generating Stations which were uniformly re-allocated to eastern region beneficiaries by Eastern Region Power Committee (ERPC), GoI.
109	97/2023	07/NOV/2023	MAA MANGALA STONE CRUSHER	Application under Section 142 of the Electricity Act, 2003 for implementation of order dated 09.08.2023 of the Appellate Authority Cum- Additional Chief Engineer-Cum Electrical Inspector, Bhubaneswar passed in Case No. AAC No.02/2023.
110	98/2023	26/DEC/2023	SMC POWER GENERATION LTD.	Application under Section 142 of the Electricity Act, 2003 compliance of order dated 13.03.2013 passed in C.C. Case No.80 of 2012-13 and Review order dated 05.07.2013 passed in Case No.15 of 2013-14 of the GRF, Burla, Sambalpur.
111	99/2023	13/FEB/2024	ORISSA POWER GENERATION CORPORATION	Application for recovery of additional expenditure incurred between FY 2016 17 and FY 2022-23, and to be incurred on a recurring basis by OPGC Units 1 & 2, and 3 & 4 of IB TPS Phase-I & Phase-II in terms of ash utilization expenses consequent to Ministry of Environment, Forest & Climate Change, GoI (MoEF) Notifications dated 25.01.2016 & 31.12.2021
112	100/2023	16/NOV/2023	SUNARAM MOHANTA	Application under Section 142 of the Electricity Act, 2003 with the prayer to withdraw the final assessment order dated 28.03.2023 of the Assessing Officer, TPNODL passed under Section 126(3) & (5) read with Section 135 of the Electricity Act, 2003 as it is null



				and void as per Regulation 165 of the OERC (Conditions of Supply) Code, 2019.
113	101/2023	12/DEC/2023	TPWODL	Application for approval of Annual Capex Plan for FY 2024-25 & 2025-26 in the licensed area of its operation in compliance to the directions of the Commission in the vesting order dated 28.12.2020 passed in Case No.82 of 2020 as well as the OERC (Terms and Conditions for determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
114	102/2023	12/DEC/2023	TPCODL	Application for approval of Capital Investment Plan for FY 2024-25 in the licensed area of its operation in compliance to the directions of the Commission vide para 42 of the vesting order dated 26.05.2020 passed in Case No. 11 of 2020 as well as the OERC (Terms and Conditions for determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
115	103/2023	12/DEC/2023	TPNODL	Application for approval of Capital Investment Plan for FY 2024-25 & 2025-26 in the licensed area of its operation in compliance to the directions of the Commission in the vesting order dated 25.03.2021 passed in Case No.09 of 2021 as well as the OERC (Terms and Conditions for determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
116	104/2023	12/DEC/2023	TPSODL	Application for approval of Capital Investment Plan for FY 2024-25 & 2025-26 in the licensed area of its operation in compliance to the directions of the Commission in the vesting order dated 28.05.2020 passed in Case No.83 of 2020 as well as the OERC (Terms and Conditions for determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.



117	105/2023	19/DEC/2023	DUARI DALEI	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 09.05.2023 of the GRF, Khordha passed in C.C. Case No.129 of 2023.
118	106/2023	28/NOV/2023	AMARENDRA SAIHOO	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 13.08.2021 of the GRF, Jajpur Road passed in C.C. Case No.25 of 2021.
119	107/2023	19/DEC/2023	RAGHUNATH DALEI	Application under Section 142 of the Electricity Act, 2003 for compliance of order dated 09.05.2023 of the GRF, Khordha passed in C.C. Case No.130 of 2023.
120	109/2023	28/NOV/2023	OPTCL	Application under Section 86(1)(f) read with Section 142 of the Electricity Act, 2003 seeking appropriate direction of the Commission to TPSODL from restraining in unauthorized use of land of OPTCL.
121	110/2023	28/NOV/2023	SAIL	Application under Section 86 (1) (f) of the Electricity Act, 2003 seeking permission of the Commission for availing power by RSP, Rourkela at 132kV level under emergency situation through 2 nos. of idle transmission line feeders from Tarkera Grid S/S. of OPTCL to MSDS 2S/s. of SAIL, Rourkela.
122	111/2023	13/FEB/2024	ORISSA HYDRO POWER CORPN.	Application for Aggregate Revenue Requirement & Determination of Generation Tariff for the FY 2024-25.
123	112/2023	13/FEB/2024	ORISSA POWER GENERATION CORPN.	Application for Approval of Generation Tariff for the FY 2024-25
124	113/2023	13/FEB/2024	OPTCL	Application for Aggregate Revenue Requirement & Transmission Tariff under Section 62 & 64(2) of the Electricity Act, 2003 read with Reg.53(7) of the OERC (Conduct of Business) Regulations,2004 and OERC (Terms and Conditions for Determination of Transmission Tariff) Regulations, 2014 For the FY 2024-25 and also True up application for FY 2022-23 of OPTCL.



125	114/2023	13/FEB/2024	SLDC	Application for Determination of Levy of Annual Fee & Operating Charges for its SLDC Functions for FY 2024 2025.
126	115/2023	13/FEB/2024	GRIDCO	Application for Aggregate Revenue Requirement (ARR) & Bulk Supply Price (BSP) for the FY 2024-25 under Section 86 (1) (a)& (b) and all other applicable provisions of the Electricity Act, 2003.
127	116/2023	13/FEB/2024	TPWODL	Application on Aggregate Revenue Requirement (ARR), Wheeling Tariff & Retail Supply Tariff for the FY 2024-25 under S.62 of the Electricity Act, 2003 read with OERC (Terms and Conditions for Determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
128	117/2023	13/FEB/2024	TPWODL	Application for approval of Truing up expenses for FY 2022-23
129	118/2023	13/FEB/2024	TPWODL	Application for Open Access Charges for the FY 2024-25
130	119/2023	13/FEB/2024	TPSODL	Application on Aggregate Revenue Requirement (ARR), Wheeling Tariff & Retail Supply Tariff for the FY 2024-25 under S.62 of the Electricity Act, 2003 read with OERC (Terms and Conditions for Determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
131	120/2023	13/FEB/2024	TPSODL	Application for approval of Truing up expenses for FY 2022-23
132	121/2023	13/FEB/2024	TPSODL	Application for Open Access Charges for the FY 2024-25
133	122/2023	13/FEB/2024	TPNODL	Application on Aggregate Revenue Requirement (ARR), Wheeling Tariff & Retail Supply Tariff for the FY 2024-25 under S.62 of the Electricity Act, 2003 read with OERC (Terms and Conditions for Determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
134	123/2023	13/FEB/2024	TPNODL	Application for approval of Truing up expenses for FY 2022-23



135	124/2023	13/FEB/2024	TPNODL	Application for Open Access Charges for the FY 2024-25
136	125/2023	13/FEB/2024	TPCODL	Application on Aggregate Revenue Requirement (ARR), Wheeling Tariff & Retail Supply Tariff for the FY 2024-25 under S.62 of the Electricity Act, 2003 read with OERC (Terms and Conditions for Determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2022.
137	126/2023	13/FEB/2024	TPCODL	Application for approval of Truing up expenses for FY 2022-23
138	127/2023	13/FEB/2024	TPCODL	Application for Open Access Charges for the FY 2024-25
139	128/2023	13/FEB/2024	GRIDCO	Application for approval of Truing up expenses for FY 2022-23
140	131/2023	19/DEC/2023	BHAGIRATHI BEHERA	Application under Section 142 of the Electricity Act, 2003 for non compliance of Order dated 16.10.2023 of the Ombudsman-I passed in C.R. Case No.82 of 2023.
141	133/2023	13/FEB/2024	OPTCL	Application for approval of Truing up expenses of SLDC for FY 2021-22 & FY 2022-23
142	01/2024	19/MAR/2024	AMRIN KHANAM	Application under Section 142 of the Electricity Act, 2003 alleging non compliance of order dated 22.08.2023 of the OERC passed in Case No.50 of 2023 arising out of order dated 30.12.2020 passed by the GRF, Paradeep in C.C. Case No.799/2020 so also order dated 01.09.2021 of the Ombudsman-I passed in C.R. Case No.97 of 2021
143	07/2024	19/MAR/2024	SMT. RENUBALA LENKA	Application challenging the Order/ Award dated 09.01.2024 of the Ombudsman-II passed in C.R. Case No.56 of 2023 arising out of the order dated 27.06.2023 of the GRF, Balasore passed in C.C. Case No.144 of 2023.

Consumer Counsel

The Commission had engaged World Institute for Sustainable Energy (WISE), Pune as Consumer Counsel for analysis of tariff applications of licensees for FY 2023-24. The said consumer counsel submitted its reports & presented its views during the tariff hearing of the Commission. The Commission had also



engaged 6 NGOs/persons as consumer counsel to collect necessary feedback on consumer services from TPWODL, TPNODL, TPSODL & TOCODL areas and participate in the tariff hearing. Out of which four consumer counsels had submitted their reports and participated in the annual tariff hearing of the Commission.

4. Drafting and legal vetting

The Division drafted, and also made legal vetting of public notices, show cause notices, circulars etc. and assisted the Engineering Division in amendment of Regulations.

5. Legal Information

The Division subscribed AIR ONLINE of all the judgments of Privy Council 1900 to 1950, SC 1950 to 2022, law journals/reports, Supreme Court Cases and Energy Law Reports to update information on latest judicial precedents / legislative developments. It gathered relevant information on Acts, Rules, Regulations and Orders on legal and regulatory matters relating to electricity. Relevant Orders of High Courts, Supreme Court, Central Electricity Regulatory Commission (CERC), Appellate Tribunal for Electricity (ATE), Rules and Notifications of Govt. of Odisha/ Govt. of India.

6.4 ACTIVITIES OF SECRETARIAT & ADMINISTRATIVE DIVISION

1. The Secretariat of the Commission looks after the day-to-day administration of the Commission. It is the pivot of the Commission's activities. Under the provisions of section 91(1) of the Electricity Act, 2003, the Secretary is required to assist the Commission to carry out its functions. The OERC (Conduct of Business) Regulations, 2004 also defines the role of Secretary as the spokesman & representative of the Commission in all matters pertaining to its proceedings/hearings. Secretary of the Commission has also been declared as Head of Office by Govt. of Odisha. The Secretary is assisted by OSD (PAO) under the existing provisions.
2. The Commission Secretariat is the repository of the Commission's orders and records and carries out all correspondences on behalf of the Commission. The true copies/certified copies of orders, documents, and notification for and on behalf of the Commission are issued by the Secretariat. The Secretary being the custodian of the seal of the Commission acts as the ex-officio Secretary of the State Advisory Committee and is the first Appellate Authority under the RTI Act, 2005.
3. The Administration Section is manned by Deputy Director (P&A), OSD (PAO) in absence of Public Affairs Officer (vacant at present) and a Private Secretary who supports him in day-to-day Administration Works. This Section provides vital support to the Commission in various matters such as Recruitment, Appointment of Executives and Non-Executives, Housekeeping, Procurement of Materials, Equipment Maintenance, Organizing Functions/Seminars/ Workshop, Printing of Tariff Order & other Publications, Audit & Accounts, matters relating to FOR, FOIR, CEA, CBIP, Ministry of Power, SAFIR, CIGRE, Assembly & Parliament, Caretaking, Security, Training, Performance Appraisal, Materials Management etc.
4. Accounts Section under the Secretariat is manned by Accounts Officer who is assisted by Sr. Accountant and is responsible for preparation of Bills, Maintenance of Accounts, Reconciliation; Audit (both financial & transactional) handling of cash and other accounts related work.

OFFICERS & STAFF

5. The Commission has 57 nos. of officers and supporting staff as on 31.03.2024 (**Annexure-2**).



ORGANISATION CHART

6. The organization chart of Odisha Electricity Regulatory Commission (OERC) is shown at **Annexure-4**.

7. Assets acquisition

Air Conditioner 4 nos.

8. Participation in Training/Seminar/Workshop/Conference

The following officers participated in various training/seminar/workshop/conference during the year 2023-24 to enhance their professional skill and knowledge.

Sl. No.	Name of the Officers	Date of Programme	Period	Subject Matter	Organizer	Venue
1	Sri S.K. Mahato Dy. Dir (T-Engg)	24-28 th July, 2023	5 days	5 days Training-Module on Energy Sector	LBSNAA	Mussoorie
2	Sri Saswat Tripathy, Dy. Dir (FA)	17 – 19 th August, 2023	3 days	National CA Conference	ICAI	SOA, BBSR
3	Ms. S.K. Acharya, AO	11-23 rd Sept, 2023	13 days	OFS Officers to undergo Mid-Career Training Program	Finance Deptt., GoO	MDRAFM BBSR
4	Sri S.K. Mahato, Dy. Dir (T-Engg)	06 th Oct. 2023	1 day	Conference on One Nation One Tariff for E-Trucks	PTC India Ltd.	New Delhi
5	Sri Jaypal Das, Sr. Accountant	19-20 th Dec., 2023	2 days	Training on GST/IGST/UTGST	RIPAE&S	BBSR
6	Sri M. R. Mohanty, OSD (Engg) & Smt. Suchi Smita Sahoo, OSD (Tariff)	November, 2023		Sixth Batch of 4 months Certificate Course – Regulatory Governance	FOIR	Hybrid Mode
7	Sri A. K. Jagadev, Jt. Dir (T-Econ) & Sri Srikant Sharma, DD (Engg)	21-23 Nov., 2023	3 days	Three Days Capacity Building Programme of FOIR	FOIR	Goa
8	Sri Gajendra Mohapatra, Chairperson	20-22 Nov., 2023	3 days	4 th Global Regulatory Perspective Programme	FOR	Sydney, Australia
9	Sri A.K. Jagadev, JD (T-Econ)	5 – 8 June, 2023	4 days	21 st Core Course	SAFIR	Ahmedabad, Gujrat
10	Sri Gajendra Mohapatra, Chairperson	1–2 March, 2024	2 days	SAFIR Annual Conference	SAFIR	Sri Lanka

PAO Section

CONSUMER INTEREST

Under the OER Act, 1995, the OERC is mandated to safeguard the interests of the state consumers and ensures that all consumers are provided with reliable, safe and uninterrupted power supply at reasonable rates. The Electricity Act, 2003 also provides wide ranging provisions to protect the interest of consumers. It gives electricity consumers a statutory right of minimum standards of supply and service. The



Commission's approach to consumer protection has been proactive from the inception and in order to fulfil its legal obligation, the OERC has undertaken a number of steps to empower electricity consumers which are as follows:

- **Issue of Regulations, Codes, Licenses and Practice Directions**

The Commission has issued a number of Regulations, Codes and Practice Directions in order to safeguard the consumers' interest.

- **Consumer Friendly Tariff**

- Introduction of Multi Year Tariff (MYT) in 2003
- Rationalization of Tariff towards cost base and voltage base
- Reduction of cross-subsidy
- Normative loss considers for tariff calculation
- Introduction of Time of Day (ToD) tariff for all three phase consumers.
- Introduction of spot billing and meter cards
- Introduction of Voluntary Disclosure Scheme for unauthorized consumers
- Appointment of Consumer Counsel in Tariff Proceedings.
- Commission sets targets for loss reduction, franchisee appointment.
- Consumer counsel engaged for analysis and presentation of Tariff applications.
- Introduction of inter- and intra-state open access

- **Standards of Performance & Grievance Redressal**

- Introduction of guaranteed overall and individual Standards of Performance
- Performance Standards published annually
- Vigorous monitoring of licensees' performance
- Inspection by independent enquiry teams regarding the maintenance of transmission and distribution system.
- SAC Monitoring Subcommittee on quality of supply, standards of performance & commercial loss reduction, constituted.

- **Alternate Dispute Resolution forum in OERC**

- **Creation of 18 Grievance Redressal Fora and 2 Ombudsmen to dispose of consumer complaints**

- Regular monitoring of disposal of consumer grievances by GRFs/Ombudsmen & implementation of their orders by OERC
- Inspection of GRF done by Commission's officers.
- Proceedings conducted by Commission to penalise the Distribution licensees' for non-compliance of GRF/Ombudsman orders



- **Pro-active Consumer Education**

- Direct consumer interface programs
- Print & audio-visual campaign in news dailies, Radio & TV on GRF & Ombudsman, safety and environmental awareness.
- Publication of FAQs, booklets & brochures
- Translation of regulations into local languages
- Networking of consumer groups empanelled with OERC
- Compilation of Regulations published in English

- **Training & Capacity Building**

- Extensive training for DISCOMs staff by OERC on regulations/ Electricity Act, 2003
- Gramsat used to sensitize senior government functionaries on state power sector issues
- State level workshops to sensitize representative PR institutions & ULBs on standards of performance & tariff process.
- Training & workshops held for Presidents/ Members of GRF/ Ombudsman
- SAC representing cross-section of consumers in state constituted - Frequent Meetings held for constructive advice
- State Co-ordination Forum formed by Govt. of Odisha - Chairperson & Members of OERC are Chairperson and Members of Forum
- District Committees formed
- State-wide Consumer Satisfaction Survey
- State level workshop on consumer rights

- **Approval of Consumer Service Documents of DISCOMs and their license conditions**

- Consumer Rights Statement
- Complaint Handling Procedure
- Code of Procedure on Payment of Bills

There is an existing Complaint Handling Procedure for disposal of consumer complaints. Aggrieved consumers can approach the Jr. Manager/ SDO/ Executive Engineer of DISCOMs and there is time bound schedule for disposal of their complaints at different levels. Each Division is required to have a Consumer Cell to deal with consumer complaints.

With the enactment of Electricity Act, 2003, a statutory provision was made for disposal of consumer complaints by a two-tier mechanism consisting of Grievance Redressal Fora and Ombudsmen.

GRF AND OMBUDSMAN

There were twelve (12) GRFs and two (2) Ombudsmen for resolving the consumer grievances. For easy access and to address the grievances of consumers in a more effective manner, additional six (6) GRFs have been created two (2) each in TPNODL, TPWODL, TPSODL area of operation. Their location and address are given below:


Ombudsmen: 2 Nos.

- (i) The office of Ombudsmen-I(to cover area of operation of TPCODL)is located inQrs. No. 3R S/2, GRIDCO Colony, P.O.-Bhoinagar, Bhubaneswar –751022
- (ii) The office of Ombudsman –II(to cover area of operation of TPNODL, TPWODL, TPSODL)is located inQrs. No. 3R S/2, GRIDCO Colony, P.O.-Bhoinagar, Bhubaneswar –751022

Grievance Redressal Fora (GRFs) : 18

- 1) The President, GRF, Dhenkanal, Near Fisheries Office, Kunjakant, Dhenkanal-759001.
- 2) The President, GRF, Cuttack, 3R-1, CESCO Colony, Badambadi, PO: Arundeo Nagar, Dist-Cuttack-753012
- 3) The President, GRF, Bhubaneswar, Qtr. No. VR-I, Power House Colony, Unit-VIII, Bhubaneswar-12
- 4) The President, GRF, Khurda, Quarter No.3R/1, T.L.C. Colony, Khurda -752055.
- 5) The President, GRF, Paradeep, AT-Pitambarpur,PO-Bhutmundai, Via-Kujang, Dist-Jagatsinghpur-754141.
- 6) The President, GRF, Balasore, At-Vivekananda Marga, PO-Srikanthapur, Balasore.756001.
- 7) The President, GRF, Jajpur, T.T.S. Colony, Dhabalagiri, P.O/Dist.Jajpur-755019
- 8) The President, GRF, Keonjhar, Ground Floor, Plot No.268/1104 & 269/1105, Baladevjew Colony, Jagannathpur Sasan, PO/Dist. Keonjhar-758001
- 9) The President, GRF, Baripada, Prafulla Nagar (Convent School Lane), Baripada, Mayurbhanja-757001.
- 10) The President, GRF, Rourkela, Plot No: UU/9, Rourkela Civil Township, Rourkela-769004.
- 11) The President, GRF, Burla, Qr. No.SD-6/2, Sourav Vihar, Near NAC Collage, Burla, Sambalpur-768017.
- 12) The President, GRF, Bolangir, WESCO Guest House, (Infront of Children's Park), Bolangir-767001
- 13) The President, GRF, Bhawanipatna, Plot No. 283, Purunapada, Circuit House Road, Near Income Tax Office, Bhawanipatna, Dist. Kalahandi-766001
- 14) The President, GRF, Bargarh, At-1st Floor, Raymond Building, Bandurtikira Chowk, Main Road, P.O./Dist.Bargarh-768028
- 15) The President, GRF, Berhampur, Near De Paul School, Engineering School Road, Berhampur-760010
- 16) The President, GRF, Jeypore, Power House Colony, Jeypore, Dist. Koraput-764001
- 17) GRF, Bhanjanagar, Bausalundi Main Road, Bhanjanagar, Ganjam-761126
- 18) The President, GRF, Rayagada, Ground Floor, Kumar Complex, Opp. Swagath Hotel, At. New Colony, Rayagada, Dist. Rayagada-765001



The details of cases disposed for 2023-24 by the GRFs and Ombudsmen are given in table below.

Sl. No.	Name of SERC-OERC	Name of CGRF	No. of CGRF	No. of grievances outstanding at the close of previous year ending March'2023	No. of grievances received during the year April 2023 to March'24	No. of grievances disposed during the year April' 2023 to March'24	No. of grievances pending at the close of year ending March'24	No. of grievances pending which are more than 2 months	No. of sitting at CGRF in the year (April 2023 to March'24)
1	OERC	Bhubaneswar	1	19	251	257	13	0	59
2		Khorda	1	19	544	539	24	0	111
3		Cuttack	1	17	466	475	8	0	76
4		Paradip	1	8	113	110	11	0	44
5		Dhenkanal	1	71	349	404	16	0	135
6		Burla	1	16	936	919	33	01	161
7		Bolangir	1	425	1061	1479	7	0	156
8		Rourkela	1	96	1168	1263	01	0	201
9		Bargarh	1	0	72	58	14	01	47
10		Bhawanipatna	1	0	429	310	119	0	78
11		Balasore	1	64	363	360	67	0	120
12		Jajpur	1	22	262	281	3	0	70
13		Baripada	1	0	35	14	21	0	8
14		Keonjhar	1	0	31	24	7	0	19
15		Berhmapur	1	71	570	544	97	0	209
16		Jeypore	1	75	545	531	89	0	188
17		Bhanjanagar	1	0	115	50	65	40	34
18		Rayagada	1	0	125	81	44	0	39
1	OERC	Ombudsman-I	1	62	143	111	94	73	223
2		Ombudsman-II	1	37	91	123	05	0	255

The Consumer can also approach the Commission directly under Section 142 of the Electricity Act, 2003 if any provisions of the Act or any regulation is violated by the licensee. The Commission has set up its own Grievance Redressal Cell to monitor disposal of consumer complaints by the licensee.

- To expedite disposal of consumer complaints forwarded by the Commission to Utilities and ensure implementation of orders of GRFs/Ombudsman, the Commission introduced a quarterly meeting for monitoring of consumer complaints by the Utilities/GRFs/Ombudsmen. Four such meetings were held during the Year. Quarterly data on disposal of consumer complaints by DISCOMs/implementation of orders of GRF/Ombudsmen were compiled and put up before the Commission and the same were also posted on the Commission's Website. This helped to improve the disposal of consumer complaints by DISCOMs/GRFs/Ombudsmen considerably.
- Teams of officers of OERC also visited GRF & Ombudsman offices and inspected their records and functioning as per statutory requirement. The reports were approved by the Commission and forwarded to the DISCOMs for compliance.

Publicity

- In order to ensure transparency, all orders of the Commission on major issues are passed after conducting open public hearings. In 2023-2024 the Commission carried out a number of public relation activities including press briefings during the annual tariff hearing, issue of press releases and preparation of promotional materials.



Publication

- (a) Compendium of Orders on Annual Revenue Requirement and Bulk Supply & Retail Supply Tariff for FY 2023-24 was published by OERC and distributed among various stakeholders including consumer groups.
- (b) Copies of the FAQ (Frequently Asked Questions of Electricity Consumers) in English & Odia were distributed among various consumer groups, for creating greater awareness of Rules, Regulations and Standards in the Sector.

7. THE STATE ADVISORY COMMITTEE (SAC) MEETINGS OF OERC

The State Advisory Committee Meetings are usually held in every quarter of a year. During the year, three (3) meetings were held on 24.07.2023, 08.11.23 and 07.02.2024 and minutes of meetings are enclosed as Annexure-3.

8. ANNUAL STATEMENT OF ACCOUNTS

ODISHA ELECTRICITY REGULATORY COMMISSION

Provisional Balance Sheet as on 31st March of the year 2024

CORPUS/CAPITAL FUND AND LIABILITIES	Schedule	(Amount-Rs.)	
		Current Year	Previous Year
CORPUS/CAPITAL FUND		35,51,51,045.04	28,11,10,169.62
RESERVES AND SURPLUS		-	-
EARMARKED/ ENDOWMENT FUNDS		8.00	8.00
SECURED LOANS AND BORROWINGS		-	-
UNSECURED LOANS AND BORROWINGS		-	-
DEFERRED CREDIT LIABILITIES		-	-
CURRENT LIABILITIES AND PROVISIONS		50,26,16,157.72	55,33,54,588.19
TOTAL		85,77,67,210.76	83,44,65,066.11
ASSETS			
FIXED ASSETS		83,00,038.64	69,66,263.39
INVESTMENTS- FROM EARMARKED/ ENDOWMENT FUNDS		-	-
INVESTMENTS- OTHERS		76,00,00,000.00	61,89,00,000.00
CURRENT ASSETS, LOANS, ADVANCES ETC.		8,94,67,172.12	20,85,98,802.72
MISCELLANEOUS EXPENDITURE (to the extent not written off or adjusted)		-	-
TOTAL		85,77,67,210.76	83,44,65,066.11
SIGNIFICANT ACCOUNTING POLICIES			
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS			

Yet to be audited by C & AG of India

ODISHA ELECTRICITY REGULATORY COMMISSION

Provisional Income & Expenditure Account for the year ended 31st March 2024

INCOME	Schedule	(Amount-Rs.)	
		Current Year	Previous Year
Income from Sales/ Services			
Grants/ Subsidies			
Fees/ Subscriptions		15,49,66,000.00	11,87,84,600.00
Income from Investments (Income on Invest. From earmarked/ endow. Funds transferred to Funds)			
Income from Royalty, Publication etc.			
Interest Earned		4,90,52,443.40	4,22,77,627.60
Other Income		2,06,371.00	18,40,979.51
Increase/ (decrease) in stock of Finished goods and work-in-progress			
TOTAL (A)		20,42,24,764.40	16,29,08,202.11
EXPENDITURE			
Establishment Expenses		17,13,67,915.78	24,31,22,863.40
Other Administrative Expenses etc.		98,64,183.15	1,72,67,842.97
Expenditure on Grants, Subsidies etc.		-	-
Interest		-	-
Depreciation (Net Total at the year end - corresponding to Schedule 8)		20,14,554.05	11,19,354.08
TOTAL (B)		18,32,46,652.98	26,15,10,060.46
Balance being excess of Income over Expenditure (A-B)		2,09,78,111.42	-9,86,01,858.35
Transfer to Special Reserve (Specify each)			
Transfer to / from General Reserve			
BALANCE BEING SURPLUS/ (DEFICIT) CARRIED TO CORPUS/ CAPITAL FUND		2,09,78,111.42	-9,86,01,858.35
SIGNIFICANT ACCOUNTING POLICIES			
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS			

Yet to be audited by C & AG of India



ODISHA ELECTRICITY REGULATORY COMMISSION

PROVISIONAL RECEIPTS AND PAYMENTS FOR THE PERIOD/YEAR ENDED 31-03-2024

[Amount-Rs.]					
RECEIPTS	Current Year	Previous Year	PAYMENTS	Current Year	Previous Year
I. Opening Balance			I. Expenses		
a) Cash in Hand	6,823.00	6,823.00	a) Establishment Expenses (corresponding to Schedule 20)	17,63,90,685.00	8,22,02,246.00
b) Bank Balances			b) Administrative Expenses (corresponding to Schedule 21)	97,65,726.00	3,17,22,120.83
i) In current accounts	11,01,874.40	11,01,874.40			
ii) In deposit accounts					
iii) Flexi accounts	15,15,59,338.39	73,46,51,837.11			
II. Grants Received			II. Payments made against funds for various projects		
a) From Government of India	-	-	(Name of the fund or project should be shown along with particulars of payments made)		
b) From State Government	-	-			
c) From other sources (details)	-	-			
(Grants for Capital & Revenue exp. to be shown separately)			III. Investments & Deposits made		
			a) Out of Earmarked/Endowment funds	-	-
			b) Out of Own Funds (Investment-others)	79,50,00,000.00	59,90,00,000.00
III. Income on Investments from			IV. Expenditure on Fixed Assets & Capital Work-in-Progress		
a) Earmarked/Endow. Funds	-	-	a) Purchase of Fixed Assets	36,64,007.00	45,82,926.00
b) Own funds (Oth. Investment)	65,39,00,000.00	14,07,76,307.00	b) Expenditure on Capital Work-In-Progress		
IV. Interest Received			V. Refund of surplus money/Loans		
a) On Bank Deposits	4,44,11,054.00	2,54,31,036.60	a) To the Government of India		
b) Loans, Advances etc.		8,950.00	b) To the State Government		
			c) To other providers of funds		
V. Other Income (Specify)			VI. Finance Charges (Interest)		
License Fees	15,00,00,000.00	11,40,00,000.00			
Application/Processing Fees	49,66,000.00	47,94,600.00	VII. Other Payments (Specify)		
Miscellaneous Income	3,952.00	17,30,312.51	EMD & Security Deposit refunded	-	-
Interest on House Building Advance	-	-	VAT paid	-	-
VI. Amount Borrowed			Advance to Employees	14,21,400.00	12,80,000.00
			TDS	62,15,526.00	5,53,234.00
VII. Any other receipts (give details)			Refund of Tender Fees	-	-
EMD deposit from parties	-	-	GST TDS	3,86,723.00	3,33,629.00
Security Deposit Receipt	-	-	Paid to GRIDCO	-	15,03,28,113.00
EMD & Security Deposits received	3,53,217.00	5,000.00			
Receipt towards RFQ documents	-	-	VIII. Closing Balances		
Receipt from TATA Power	-	-	a) Cash in Hand	6,823.00	6,823.00
Refund of income tax	67,22,263.00	1,63,564.00	b) Bank Balances		
Tender Fees received	-	-	i) In current accounts	11,01,874.40	11,01,874.40
Travelling Exp Advance	-	-	ii) In deposit accounts		
Principal for Festival Advance	-	-	iii) Flexi accounts	1,90,71,757.39	15,15,59,338.39
Pension/Leave Salary Contn	-	-			
Travel Exp101	-	-			
Advisory Committee Meeting106.03	-	-			
Ombudsman Office Exp106.19	-	-			
Misc Expenditure104.14	-	-			
Telephone & Fax Charges104.01	-	-			
Seminar Conference Workshop108.02	-	-			
Interest on TDS	-	-			
Total	1,01,30,24,521.79	1,02,26,70,304.62	Total	1,01,30,24,521.79	1,02,26,70,304.62

Yet to be audited by C & AG of India



ANNEXURES



ODISHA ELECTRICITY REGULATORY COMMISSION

PERFORMANCE OF ELECTRICITY DISTRIBUTION COMPANIES IN ODISHA DURING THE FY 2022-23
(AS REPORTED AND FURNISHED THROUGH AN AFFIDAVIT)

ACHIEVEMENT ON OVERALL STANDARDS OF PERFORMANCE :

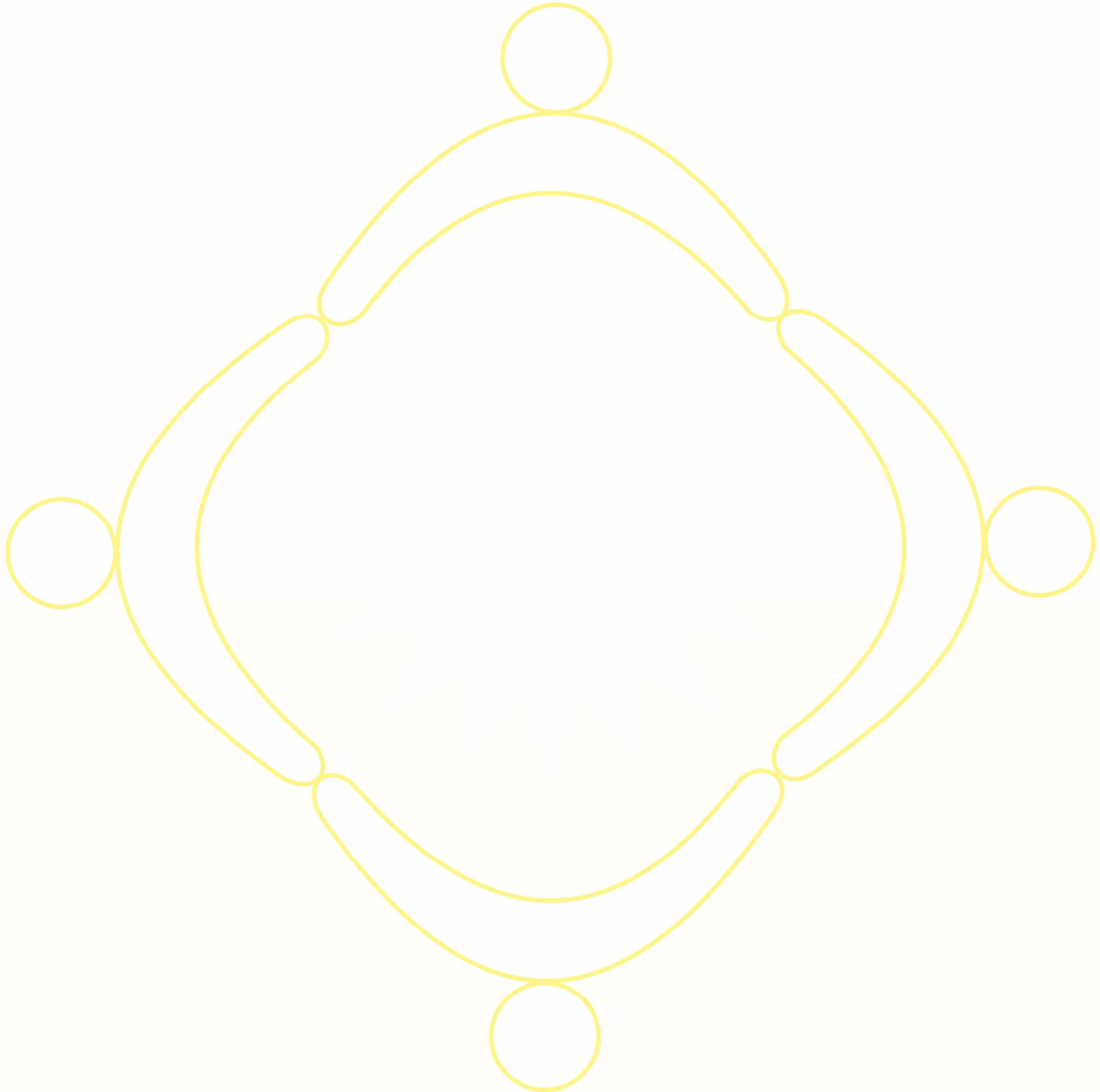
LICENSEES		TPCODL	TPNODL	TPWODL	TPSODL
	Period 2022-23	For the year 2022-23	For the year 2022-23	For the year	For the year
2022-23					
Achievement in % of the licensees in the following service area	The minimum % target fixed by the Commission				
Rectification of fuse-off call within 6 hrs. of receiving the complaint in urban areas	90	98.00	100.00	100.00	100.00
Rectification of fuse-off call within 24 hrs. of receiving the complaint in rural areas	90	94.00	100.00	100.00	100.00
Restoration of line break-down within 12 hrs of receiving the complaint in urban areas	95	100.00	100.00	100.00	100.00
Restoration of line break-down within 24 hrs. of receiving the complaint in rural areas	95	100.00	100.00	100.00	100.00
Replacement of Distribution Transformer within 24 hrs. of receiving the complaint in urban areas	95	100.00	100.00	99.08	100.00
Replacement of Distribution Transformer within 48 hrs. of receiving the complaint in rural areas	95	98.00	98.00	97.33	100.00
Completing the work within 12 hrs. of the scheduled outage before 5 PM/6 PM	90	100.00	—	100.00	—
No. of hourly measurements in which the supply frequency went beyond $\pm 3\%$	—	—	—	—	—
No. of cases in which voltage at the point of commencement of supply exceeded 3% of the voltage limits					
EHT		—	—	—	0
HT		—	—	1.5	0
LT		—	—	—	0
Rectification of Street light fault within 6 hrs. of receiving the complaint	90	—	—	—	100.00
No. of faulty bills prepared as a percentage of the total no. of bills issued	0.1	0.1	1.49	0.0004	0.14
No. of faulty/defective meters as a percentage of the total no. of existing meters	5	1.36	13	0.0013	2.29
Total no. of interruptions each lasting more than 5 minutes faced by 1 KW connected load (SAIFI) (Nos.)		341	621	468	225
Total no. of interruptions each lasting less than 5 minutes faced by 1 KW connected load (MAIFI) (Nos.)		53	25	40	34
The total duration of interruption in minutes for each 1 KW connected load (SAIDI) (Minutes)		8243	22703	19770	7647
No. of accident cases		21-22 22-23	21-22 22-23	21-22 22-23	21-22 22-23



Fatal Human		49	37	03	45	02	02	37	29
Fatal Animal		32	42	09	14	53	24	09	17
Non-fatal Human		55	42	11	41	16	24	30	41
Non-fatal Animal		00	00	00	00	00	00	00	00

Note:

1. The information on Guaranteed Standards of Performance is available on the OERC website: www.orerc.org and on respective websites of the Distribution Licensees i.e. www.tpcentralodisha.com for TPCODL, www.tpnodl.com for TPNODL, www.tpsouthernodisha.com for TPSODL and www.tpwesternodisha.com for TPWODL.
- 2 The aforesaid information is based on the data furnished by the Distribution Licensees submitted through affidavit.



**ANNEXURE-2****OFFICERS & STAFF**

The Commission being the oldest in the country has a committed strength of officers and staff of mixed category i.e. Permanent, Deputation and Contractual Staff. The persons in position as on 31.03.2024 are detailed in the table below:

Sl.No.	Designation	Persons in position
1	Commission Secretary	Sri Priyabrata Patnaik
2	Director (Regulatory Affairs)	Sri Priyabrata Patnaik
3	Director (Engg.)	Sri S.P. Mishra
4	Director (Tariff)	Sri A. K. Panda
5	Jt. Director (Economic Analyst)	Sri C.K. Biswal
6	Jt. Director (IT)	Vacant
7	Jt. Director (T/Econ)	Sri A. K. Jagadev
8	Jt. Director (Tariff-Engg.)	Vacant
9	Jt. Director (Financial Analyst)	Sri Ajoy Sahu
10	Jt. Director (Engg.)	Vacant
11	OSD (PAO)	Sri S. K. Rout
12	Dy. Director (IT)	Sri S.C. Biswal
13	Dy. Director (T/Engg.)	Sri Sanjeev Kumar Mahato
14	Dy. Director (Financial Analyst)	Sri Saswat Tripathy
15	Dy. Director (Engg.)	Sri Srikanta Sharma
16	Accounts Officer	Sri R. C. Dakua/ Ms. Sujata Kumari Acharya
17	Dy. Director (P&A)	Sri A.K. Nayak (Probationer)
18	Dy. Director (T/Econ)	Smt. Archana Sahoo
19	OSD (Tariff)	Mrs. Suchi Smita Sahoo
20	OSD (Engg.)	Sri Manas Ranjan Mohanty
21	Private Secretary	Smt. L.B. Patnaik
22	Private Secretary	Sri K.C. Tudu
23	Private Secretary	Sri M. Moharana
24	Personal Assistant	Sri P.K. Sahoo
25	Personal Assistant	Sri S.K. Das
26	Personal Assistant	Sri S.K. Sahoo
27	Personal Assistant	Sri L.N. Padhi
28	Personal Assistant	Smt. S. Mishra
29	Senior Accountant	Sri Jaypal Das
30	Receptionist-cum-Caretaker	Smt. Mamatarani Nanda



31	Driver	Sri R.C. Majhi (Retired w.e.f. 31.07.2024)
32	Driver	Sri Jalandhar Khuntia
33	Driver	Sri Jadunath Barik
34	Driver	Sri Ashok Ku. Digal
35	Driver	Sri Prakash Kumar Nayak
36	Driver	Sri Maheswar Nanda
37	Driver	Sri Sampad Kumar Parida
38	Peon	Sri Pitambar Behera
39	Peon	Sri Umesh Ch. Rout
40	Peon	Vacant
41	Peon	Sri P.K. Behera
42	Peon	Sri Bidyadhar Das
43	Peon	Sri R.C. Sahoo
44	Peon	Sri Abhimanyu Jena
45	Peon	Sri S.K. Mohapatra
46	Peon	Sri Rabindra Ku. Mekup
47	Peon	Sri Pradip Ku. Pradhan
48	Sweeper	Sri Ramesh Chandra Nayak
49	Sweeper	Sri Prafulla Kumar Nayak
50	Consultant (Legal)	Sri Hrudananda Parida
51	Consultant (DBA)	Sri Shesadev Sahoo
52	Consultant (Accounts & Admn.)	Sri Bhikari Mohanty
53	Consultant (Steno-cum-Computer Asst.)	Sri Radhakanta Samal
54	Consultant (Steno-cum-Computer Asst.)	Sri Ranjit Kumar Mohanty
55	Consultant	Sri Arun Kumar Pati
56	Jr. Consultant (Diary & Despatch)	Sri Ajit Kumar Pradhan
57	Sr. IT Consultant	Sri Srichaitanya Barik



**MINUTES OF THE 34th MEETING OF STATE ADVISORY COMMITTEE (SAC)
OF OERC HELD ON 24.07.2023 AT 11:00 AM**

PRESENT:

1. Shri S.C. Mahapatra, Chairperson, OERC
2. Shri Gajendra Mohapatra, Member, OERC
3. Shri S.K. Ray Mohapatra, Member, OERC
4. Smt. Sambit Parija, FA-cum-Additional Secretary, Department of Energy, Govt. of Odisha
5. Shri Jyoti Kumar Lakra, Additional Secretary, Food Supply & Consumer Welfare Deptt., Govt. of Odisha
6. Shri R. N. Nayak, Ex-CMD, PGCIL
7. Shri N.N. Mishra, Ex-Director, NTPC
8. Prof. A. K. Tripathy, Former DG, CPRI, Kanan Vihar, Bhubaneswar
9. Shri Girish Chandra Mohapatra, Advocate, Rourkela,
10. Shri ShibaDutta Bhanja, Ex-GM, NESCO
11. Prof. (Dr.) Prakash Kumar Hota, Professor of Electrical Engineering & Dean, School of Computer Sciences, VSSUT, Burla
12. Shri P. K. Pradhan, Ex-Director(Comm.) GRIDCO, Nua Road, VSS Nagar, Bargarh
13. Shri Bidyadhar Mohanty, President, Labour Union (INTUC), Jajpur Road
14. Shri Surendra Prasad Mallick, Ex-COO, NESCO
15. Smt. SaishreePattnaik, Advocate & Notary, At-Kunjakanta, PO/Dist-Dhenkanal
16. Smt. Abanti Behera, At. Kakat, PO/Dist. Kendrapara
17. Shri AlekhChandra Mallik, Ex-Director (Comm.), GRIDCO
18. Shri Bimal Das, Representative of Confederation of Citizen Association, Bhubaneswar
19. Shri Bibhu Charan Swain, Sr. Consultant, M/s. Power Tech Consultants, Bhubaneswar
20. Shri B. K. Mohapatra, representative of UCCI
21. Shri S.K. Mishra, CMD, OPTCL
22. Shri Trilochan Panda, MD, GRIDCO
23. Shri P.K. Mohapatra, M.D., OPGC
24. Shri A.K. Mohanty, Director (Operation), OHPC
25. Shri Arvind Singh, CEO, TPCODL
26. Shri Bhaskar Sarkar, CEO, TPNODL
27. Shri Amit Garg, CEO, TPSODL
28. Shri Gajanan S. Kale, CEO, TPWODL



SUMMARY OF THE PROCEEDINGS:

The Commission Secretary in the capacity of Ex-officio Secretary to the State Advisory Committee (SAC) convened the 34th SAC meeting on 24.07.2023 at 11:00 A.M. in the Conference Hall of OERC. He welcomed the Chairperson & Members of OERC, all the SAC Members, Special Invitees, Directors of GRIDCO/OPTCL/OPGC/OHPC/CEO's of DISCOMs and senior officials of OERC present in the meeting.

He requested to grant the leave of absence to Shri Prabhakar Dora and Shri Sanjeev Tripathy, Members SAC. Then he requested the Chairperson to preside over the meeting and deliver his opening/introductory remarks.

The Chairperson addressed the meeting by inviting a reference to the decisions taken in the 33rd SAC meeting held before issue of Tariff Orders for FY 2023-24. He highlighted the salient features of the Tariff Orders especially the consumer-friendly measures adopted in the orders, like:

- Waival of Delayed Payment Surcharge (DPS) for domestic consumers for the first time for the benefit of consumers to address no. of issues relating to DPS
- Green Tariff
- Engagement of WAPCOS for 3rd Party Inspection of CAPEX of all 4 DISCOMs
- Creation of 5 more new GRFs in Baripada & Keonjhar in TPNODL area, Bhawanipatna in TPWODL area and Bhanjanagar & Rayagada in TPSODL area.
- Field visit by Secretary and Directors of OERC to two to three Divisions of DISCOMs in each month starting in July, 2023 to study implementation and various initiatives taken by DISCOMs for better service to consumers at Division and Sub-Division level through CAPEX.
- Coordination between OPTCL and DISCOMs for optimum utilization of Grid Sub-Stations and Power Transformers (PTRs) to tackle the low voltage problem.
- Engagement of PRDC for Transmission System Study of OPTCL for long-term system planning of the State, which will be presented to the Commission by PRDC in the presence of OPTCL & DISCOMs.

Then the Chairperson requested the CEOs of four (4) DISCOMs to make presentation on Power supply position and various initiatives taken up through Capital Expenditure proposals for providing better service to consumers etc.

Accordingly, CEOs of 4 Distribution Companies (TPCODL, TPNODL, TPSODL and TPWODL) made presentations on their activities & performance etc. The DISCOMs presented on their initiatives addressing consumer grievances especially metering & billing disputes, quick release of new connections; safety initiatives including fencing around the primary Sub-Stations (PSS) and Distribution Sub-Stations (DSS)/ Distribution Transformers (DTRs). All these initiatives including functioning of Call Centres which operate round the clock (24x7) by 50 to 60 executives to forward calls to the respective mobile maintenance staff in the field. These executives also take up relevant complaints for further redressal of consumer grievances by the concerned officers for technical and commercial complaint resolution received through 1912 dialling. The DISCOMs also presented their



initiatives relating to distribution system strengthening /expansion, status of 100% metering including replacement of defective meters & installation of Smart Meters, upgradation of PTRs and DTRs, unmanned operation of Sub-Stations through SCADA, earthing, protection, relay co-ordination, Public Distribution System Centres/Anubhav Kendra for Rural Service Delivery and Rural Consumer Outreach like Project Nistha.

Thereafter, the Chairperson requested each SAC Member present in the meeting to share his/her views/suggestions, which are summarised below.

1. Shri J.K. Lakra, Addl. Secretary, Food Supplies & Consumer Welfare Deptt., GoO mentioned regarding continuance of hard billing in addition to the present initiative of on-line billing and digital payment. He wanted to advise consumers to take advantage of the call centres and digital payment mechanism. The Chairperson advised him to discuss with the concerned DISCOMs.
2. Shri Sambit Parija, FA-cum-Addl. Secretary, Deptt. of Energy, GoO stated that AT&C losses are declining and DISCOMs started making profit. He advised to create more awareness programmes on the electricity safety in Odia language to reduce the fatalities/causality to both human and animals. He suggested to increase the compensation level for such fatal accidents. DISCOMs have created Depreciation Fund which can be utilized for non-remunerative Capex Schemes. Revision of Standards of Performance (SoP) Regulations may be framed incorporating the revision of Electricity Rules by the Ministry of Power (MoP).
3. Shri R.N. Nayak said that all DISCOMs are doing well. However, natural calamity has increased in Odisha, particularly in coastal areas. Therefore, Insurance/Self-insurance should be made and some revenue should be earmarked for Natural Calamity Insurance Fund (instead of always depending on Govt.) to take care of revival of large scale damaged to the Distribution Network. For transmission, normally 0.5% of asset value is taken for such insurance. Large scale industrialization in Jajpur and other area needs implementation of power quality norms starting with few specified parameters. He advised for separate budget allocation towards consumer awareness including safety and compensation for fatal accidents (public/animal). He enquired the DISCOMs regarding recovery of Rs.5000 to 6000 spent on each Smart Meter. Benefits of such smart meters should be intimated to the consumers. Regarding replacement of existing meters with Smart Meters, he advised that the programme should start with consumers with billing of 300 unit or more per month.

Prioritization of investment/expenditure should be made especially for 11 kV feeders of 100 to 300 Kms. long with emphasis on improvement of voltage in Rural area. There should be timeline for such programme with additional fund for such 11 kV lines, which can be monitored. Indexing of lines and sub-stations should be made taking consumer density into account, like no. of consumers per 33kV line & per PSS.

4. Shri N.N. Mishra said that T&D loss and AT&C loss should be mapped separately. Technical loss will be limited, whereas Commercial loss has no limit. Reduction in commercial loss must be monitored. Load flow study should be done for the entire system for all locations at regular intervals as it is an ongoing process. Such study will help to reduce failures of DTRs and other components, which will benefit consumers. Regarding Kalbaisakhi/Cyclones, he suggested that



mapping of such learning should be done over a couple of years considering how many consumers were affected and how quickly the outages were restored and plan & invest accordingly to minimize damages. Since consumer always requests for zero time in the restoration of power supply, the learning from mapping across all DISCOMs starting with last year outage will help to plan additional resources for future years.

5. Prof. A.K. Tripathy started with a remark on the presentation of the DISCOMs that they have taken good initiatives. He mentioned about power quality and desired to assess where we were 5 years back and where do we stand now. No longer these presentations will be valid after 2 to 3 years. The analysis should be on achievements and improvement over previous years, where targets have been exceeded and where initiatives like harmonic measurement, DSTATCOM, DVR, Auto-recloser etc. has been introduced. Addition/replacement of equipment/meters etc. are normal routine works of any DISCOM. Benchmarking of power quality with respect to baseline (bottom line) should show what has been achieved. Maintenance and paintings of lines and sub-stations carried out utilising Capex are routine works of DISCOMs. Rural population, which constitutes 70% of consumer base, will not be happy about use of drones for meter reading. They expect quality power at low cost and reduction in interruptions/down time. There is no visible change in field in terms of number of interruptions which is same as it was earlier. There should be bifurcation of technical and commercial loss to understand the improvement on loss reduction. The bottom line should be raised, constraints on achievement to be highlighted as to investment under Capex to strengthen the distribution system. The performance of DISCOMs should not only be in book of records, but it should include timeline for addressing the basic issues of consumers like low voltage problem, availability of power, metering & billing related issues etc.
6. Shri B.K. Mohapatra stated that when 83% consumers are in Rural area, whether this digital move would help them. Replacement of transformers in Rural area with higher capacity for better voltage profile should be given priority. There should be 5 years guarantee where Smart Meters are installed. DISCOM should bear the cost of the meter as it will increase their revenue. The burden should not be passed on to poor consumers. Interruptions in Rural area is not coming down although lot of investment is being made by the Government and also by DISCOMs under Capex. It is essential for Government to conduct audit on Government Capex. Strict monitoring by the Commission on consumer complaints is not in place and hence many cases are filed in GRFs. Commission should be strict on implementation of Rules and Regulations. Monitoring Committee which used to know the field reality, should be reconstituted. Licensee should organise bi-monthly interactions and discussion with consumers at JE to SE level. They should display Consumers' Rights at prominent place as many of them are Rural consumers. SDO office to display the losses in their Sub-Division. There is poor participation of consumers in the affairs of DISCOMs in form of interaction meetings except participating through SAC members. GRF should not function as an organisation of the Licensee. It should be independent. SAC should discuss all subject matter of DISCOM and more meetings of SAC on different subject matters, if required, should be organised. Commission may suggest Licensee to purchase the meter without charging the meter rent to the consumers. All disputes relating to meter will be resolved, if cost of meter is covered in tariff. All stakeholders to take part in the affairs of consumers to encourage consumer literacy.



7. Shri P.K. Pradhan stated that there is increase in HT consumption, but AT&C loss in LT level is still high. In many cases, normal shut-downs take 2 to 3 hrs. Again, for different purposes, separate shut-downs are being taken instead of attending all the problems in one longer shut-down. Therefore, planned maintenance is required. Regarding safety issue, people are engaged in field without a valid license from Electrical Licensing Board, Odisha (ELBO). This is like driving vehicles without driving license. There should be guaranteed Capex especially earmarked for reduction of AT&C loss. The Capital Investment made by Govt. of Odisha should be part of the total Capex approved for investment during the relevant period. The licensees have collected Rs.250 crores by installation of digital meters, because of which common people feel that these meters record higher than the normal digital meter. As per Regulation, the meter rent is already collected from the consumers for the life of the meter. Now people are complaining that why the licensees are collecting meter rent on replacement of their good running meters. Replacement of such meter has no meaning. It is better to go for replacement of defective meters, since they are not able to find resolution of disputes arising out of such replacement where they take a longer time to serve bills as per meter reading. There should not be average billing for a longer period after replacement with new meter rather than serving bills as per meter reading. Replacement of working meters with Smart Meter is not advisable. Additional security deposit should not be imposed without documentation of enhancement in the contract/connected load. The safety of workers of DISCOMs should be emphasized to reduce fatal accidents.
8. Shri Prabhakar Dora sent request for leave of absence as well as his views/advice. In his communication he has mentioned about licensees' failure to comply the Standards of Performance (SoP) on power supply as notified by the Commission.
9. Shri Girish Chandra Mohapatra said that awareness among people on safety measures in electricity supply should be ensured by the Licensees. The Business Associates (BA) of the Licensees very often employ people in the field without proper education on such safety measures to work in the electricity sector. There should be enough insurance coverage for such illiterate people working at ground level, as they are more susceptible to accidents. Their families should get compensation of at least Rs.20 to 25 lakhs through insurance coverage in addition to the compensation granted under Workmen's Compensation Act. He also made a mention of rampant unscheduled load-shedding in all areas of Rourkela.
10. Smt. Saishree Pattnaik stated that in spite of charging of 220/132 kV Grid Sub-Station of OPTCL at Gandia, people suffer from low voltage problem in Gandia area of Dhenkanal district because of no connectivity of this Grid Sub-Station with TPCODL's Primary Sub-Station (PSS). The Commission may instruct the licensee to look into the matter. She made a specific mention about average billing in Parjang – Patrapada area and no bills were served as per meter reading. Hence, one consumer got a bill as high as Rs.1,68,000/- after one year, which becomes very difficult for the consumer to pay. Such situation should not be repeated for other consumers. In another case, she mentioned that meter of a consumer is not being replaced even after one year of request. DISCOM should provide basic facility for proper functioning of GRF like office with separate wash rooms for male & female, waiting room etc. She emphasized on the revision of estimate for elephant corridor to be expedited to avoid delay in the normal process.



In response to her requests, the Chairperson advised DISCOMs to delegate power to SDO and JE level officers, so that consumers should not suffer for long time due to delay in replacement of defective meters.

11. Smt. Abanti Behera stated that DISCOMs should emphasize on implementation of targets set by it. In Kendrapara area, there are no sincere and experienced staff to guide lower staff for quick resolution of fuse off calls and other services to the consumers. The DISCOMs take longer time for reflection of load enhancement in the bills for which consumer finds difficulty in making payment of huge outstanding dues. Many of DSS are found without safety fencing.

The Chairperson brought to the knowledge of all the Members that substantial works under Capex as per the Vesting Order will be completed before next summer. Then the frequent power-cut/load shedding will be reduced to a great extent. At present, 30 to 40% of works under Capex has been capitalized. WAPCOS has been engaged as Third-Party Auditor to verify the real progress (both physical and financial) of work in the field by four DISCOMs. By March, 2024 metering of all DTRs will be completed. Thereafter energy audit will be done within another 7 to 8 months. New connections will be released on-line. JE (Commerce) to be appointed in each Section.

12. Shri Shiba Dutta Bhanja said that time-bound action should be taken for the awareness of Rural consumers and multi-language Booklet regarding the benefit of Smart Meter with DOs and DON'Ts should be circulated among all consumers. The duration of availability of power in rural area has not improved appreciably.
13. Prof. Prakash Kumar Hota stated that minimum Standards of Performance (SoP) should be displayed in a prominent place in every field office of the Licensee. SoP should include power quality, voltage level and power quality in terms of normative Total Harmonic Distortion (THD) vis-à-vis International THD norms. Number of meter replacement and other parameters like release of new connections every month should also be displayed. It is observed that most of the time the Load-Generation balance is not achieved. Smart Meters will help in management of peak-load and Load-Generation balancing. Real benefit of Smart Meters can be achieved with dynamic price mechanism like Time of the Day (ToD) Tariff, which can be for two to three different time spans in a day. ToD Tariff can be extended to high end domestic consumers.
14. Shri Bibhu Charan Swain stated that Hybrid mode of hearing should be introduced in GRF and Ombudsman offices to save expenses on the part of consumers in terms of travel time and cost. The staff working in GRF and Ombudsman offices on contractual basis should be regularized for better motivation to work. While sourcing different equipment and materials under Capex, the technical specification and commercial terms should accommodate MSME suppliers of Odisha. Over the years momentary interruptions have increased. Different social media like twitter may be used for escalation of grievances of consumers. Audit of each Division should be conducted in line with the SoP Regulation. While determining the tariff, the Commission has taken proactive steps to reduce the tariff of agricultural activity like Cold-storage. The Commission may take review of DISCOMs for popularization of various activities /initiatives of DISCOM for consumers since they have not done much under KUSUM-C scheme. While monitoring the Capex, SAC members may also be involved in other activities relating to the sector like Rules of



GoI, formulation of Regulations etc. Special care should be taken by DISCOMs for reliable power supply to Data Centres with alternate source of supply in case of failure of the main supply. DISCOMs should create a team like ODRAF for disaster management as well as creation of separate fund for this purpose. There should be debate on increase in frequency of SAC meetings to discuss new Policy and Electricity Rules notified by Ministry of Power (MoP). The performance data of the state of Odisha is not reflected in National Portal - only 20% information is submitted within time schedule and 80% information is beyond the time.

15. Shri Bidyadhar Mohanty said that the DISCOMs are highlighting their performance achievements and good initiatives being taken at different levels. But, at present 5 to 6 hours of power-cut is observed in Urban areas and 10 to 12 hours in Rural areas. Most of the grievances of consumers are not being addressed by TPNODL, although the complaints under Reg.97,114 and 115 are legitimate. In such cases, they continue to bill on the basis of average meter reading under Reg.155 for the past 3 billing cycles for a longer period without resolution of the disputes. There is no power supply under SOUBHAGYA Yojana, but they continue to bill the 60,000 or more consumers. In such case, Commission may engage Monitoring Committee of SAC to look into the matter. He expressed his happiness over monitoring the performance of DISCOMs by engaging Directors of OERC.
16. Shri Surendra Prasad Mallick stated that in case of replacement of meter, no meter rent should be charged where the consumer has already paid the full cost of the meter provided by the Licensee/Supplier and meter is running with OK status, hence Reg.113 (v) may be amended as such. The replacement of OK meters without giving reasons is not correct. In case of defective meter, the revision of bills should be limited to 3 months, as the Licensee is supposed to replace the meter within 3 months. Hence, Reg.155 needs to be amended. In case of suppressed reading, the liability is with licensee because the meter reader is engaged by the Licensee and the deficiency of his service (in not taking of correct meter reading) should not be thrust upon the consumer. Monthly electricity bill (both for EC & Demand charge) may be calculated on prorata day-wise basis for the benefit of both the licensee and the consumer as it is noticed that the billing is made for 27 to 33 days.
17. Shri Alekh Chandra Mallik said that more and more emphasis is to be given on development of Hydro power. Small Hydro Power Plants should be installed in the main river. The nuclear power plant with smaller capacity may be introduced. Regarding evacuation of power from Darlipalli, he mentioned that transmission charges are going up. Own transmission lines should be set up so also back-up transmission line for NTPC-Kaniha power. Complaint management system of DISCOM is faulty. JE should be given power for resolution of such complaints. The delay in restoration of power supply in village area is very common. This is because of delayed response of the DISCOMs to the complaints of consumers. Capex investment by State Govt. should be reflected in the equity shares of Govt. of Odisha. DISOCMs can earn revenue from trading by better management of Hydro and buying cheaper power from Energy Exchanges.
18. Shri Trilochan Panda, MD, GRIDCO informed that the DISOCMs have already invested 50% of committed Capex as per Vesting order. Hence integrated planning is required for such Capex. Long term resource adequacy plan should be done for the next 25 years. For OPTCL, constraint in



transmission system (lines and sub-stations) should be taken up in system study (as an ongoing process) in matching with the requirement of distribution system of DISCOMs.

19. Shri Amit Garg, CEO, TPSODL informed that they have shared the documents on Smart Meter including DOs and DON'Ts for the consumer.

In response, the Chairperson advised that guidelines on installation and benefit of Smart Meter should be published in Odia language.

Shri S.K. Ray Mohapatra, Member, OERC stated that a consumer spread in DISCOM's operating area varies from 45/Sq.Km.to about 105/Sq. Km. and highlighted about steps being taken by the Commission for improvement/upgradation/modernization of DISCOMs through Capex investment, Govt. support post-vesting as under:

- Emphasis on System strengthening of distribution network based on Load Flow Study by all four (4) DISCOMs
- Co-ordination between OPTCL and DISCOMs for better utilization of GSS and PSS to resolve the Low Voltage issue
- Investment under Capex for strengthening & expansion of Distribution network to avoid overloading of feeders, PTRs & DTRs and low voltage issue etc.
- Removal of Group controller of feeders at 33 kV & 11 kV level in stages to improve reliability of power supply
- Reducing SAIDI & SAIFI
- Steps to be taken for reduction in fatal accidents.
- Emphasis on improvement of Earthing in PSS & DSS & Towers/Poles
- CAIDI is proposed to be introduced in addition to SAIFI and SAIDI
- Installation of Smart Meters in Govt. establishments, high-end 3 phase consumers and willing consumers in initial phase.
- 70% metering & billing related issues can be resolved through Smart Meters
- Emphasis on Energy Audit
- Steps for metering of all DTRs for energy audit to segregate commercial loss
- Emphasis on development of Cyclone resilient Distribution Infrastructure system
- Redundancy for 33 kV incomer and PTRs
- Emphasis on Standardization of transformers (both PTRs and DTRs) and MVA capacity of PSS and following Standard specification across the DISCOMs.

Shri Antaryami Sahoo, Secretary concluded the meeting with a vote of thanks to the Chairperson and Members of SAC, Special Invitees and all other participants.

Sd/-
(Suresh Chandra Mahapatra)
Chairperson



MINUTES OF THE 35th MEETING OF STATE ADVISORY COMMITTEE (SAC) OF OERC HELD ON 08.11.2023 AT 11:00 AM

PRESENT:

1. Shri S.C. Mahapatra, Chairperson, OERC
2. Shri Gajendra Mohapatra, Member, OERC
3. Shri S.K. Ray Mohapatra, Member, OERC
4. Smt. Lipsa Das, Additional Secretary, Department of Energy, Govt. of Odisha
5. Shri Santosh Ku. Nayak, Additional Secretary, Food Supply & Consumer Welfare Deptt., Govt. of Odisha
6. Shri R. N. Nayak, Ex-CMD, PGCIL, Gurugram
7. Shri N.N. Mishra, Ex-Director, NTPC, Gurugram
8. Prof. A. K. Tripathy, Former DG, CPRI, Kanan Vihar, Bhubaneswar
9. Shri B. K. Mohapatra, representative of UCCI
10. Shri Prabhakar Dora, Consumer Activist, Rayagada
11. Shri Girish Chandra Mohapatra, Advocate, Rourkela
12. Smt. Saishree Pattnaik, Advocate & Notary, At-Kunjakanta, PO/Dist-Dhenkanal
13. Smt. Abanti Behera, At. Kakat, PO/Dist. Kendrapara
14. Shri Shiba Dutta Bhanja, Ex-GM, NESCO
15. Prof. (Dr.) Prakash Kumar Hota, Professor of Electrical Engineering & Dean, School of Computer Sciences, VSSUT, Burla
16. Shri Bibhu Charan Swain, Sr. Consultant, M/s. Power Tech Consultants, Bhubaneswar
17. Shri Bimal Krushna Mishra, Maitree Vihar, Bhubaneswar
18. Shri Sanjib Kumar Tripathy, Ex-CEO, GEDCOL, Hanspal, Bhubaneswar
19. Shri Bidyadhar Mohanty, President, Labour Union (INTUC), Jajpur Road
20. Shri Surendra Prasad Mallick, Ex-COO, NESCO, Balasore
21. Shri Alekh Chandra Mallik, Ex-Director (Comm.), GRIDCO, Bhubaneswar
22. Shri Bimal Das, Representative of Confederation of Citizen Association, Bhubaneswar
23. Shri Burle Balaraju, Bhuskudi, Via. Gurandi, Dist. Gajapati
24. Shri Gour Chandra Panda, President, Bhadrak Chamber of Commerce, Bhadrak
25. Shri S.K. Mishra, CMD, OPTCL
26. Shri Trilochan Panda, MD, GRIDCO
27. Shri P.K. Mohapatra, M.D., OPGC
28. Shri Amresh Kumar, M.D., OHPC
29. Shri B.B. Mehta, Director, SLDC
30. Shri Arvind Singh, CEO, TPCODL
31. Shri Bhaskar Sarkar, CEO, TPNODL
32. Shri Gajanan S. Kale, CEO, TPWODL
33. Shri M.P. Kulkarni, Chief Operations, TPSODL



SUMMARY OF THE PROCEEDINGS:

The Commission Secretary in the capacity of Ex-officio Secretary to the State Advisory Committee (SAC) convened the 35th SAC meeting on 08.11.2023 at 11:00 A.M. in the Conference Hall of OERC. He welcomed the Chairperson & Members of OERC, all the SAC Members, Special Invitees, Directors of GRIDCO/OPTCL/OPGC/OHPC/CEO's of DISCOMs and senior officials of OERC present in the meeting.

He requested the Chairperson to grant the leave of absence to Shri P.K. Pradhan and Shri Debabrata Pattanayak, Members SAC, who have requested for such leave of absence. He also mentioned about Prof. A.K. Tripathy, who was participating on virtual mode. Then he requested the Chairperson to preside over the meeting and deliver his opening/introductory remarks.

The Chairperson addressed the meeting with his opening remarks by inviting a reference to the large numbers of steps taken by the Commission after the last meeting. He made a mention regarding the field visit by Director level officers of OERC to two Divisions every month in different DISCOMs and giving many valuable feedback to the Commission on ground realities upto fuse-call centre level including various services to the Consumers. He also informed that the Commission visited Nayagarh, Boudh, Bolangir, Kalahandi and Kendrapara districts to take firsthand knowledge of various steps taken by the Licensees for improvement of power supply situation and consumer services.

Then the Chairperson requested the CEOs of four (4) DISCOMs to make presentation on Overview of performance vis-à-vis investment under CAPEX.

Accordingly, CEOs of 4 Distribution Companies (TPCODL, TPNODL, TPSODL and TPWODL) made presentations on their performance vis-à-vis achievements of targets under various heads of Capex.

While the CEO, TPCODL was making his presentation, the Chairperson appreciated the innovative and the very progressive thinking in giving new connections in Rajnagar Sub-division of Kendrapara district under Paradeep Circle. A mobile team was regularly visiting the villages giving connections to new consumers (including those who were hooking) at their door steps within 48 hours by collecting Rs.650/- for each connection. The Security Deposit is being collected in instalments thereafter. This is being implemented in the entire Paradeep Circle, which should be replicated throughout the state for the benefit of consumers. He made a mention regarding regularization of 500 new connections in the remote areas of Talachua Section only.

He further stated that the upcoming winter is the most suitable time to take shutdowns for execution of pending Capex works, so that there should not be any problem as regards to the power supply in summer, 2024. State Government may extend financial support to DISCOMs for phasing out thousands of old 10 kVA & 16 kVA Distribution transformers by replacing them with at least 25 kVA 3 phase and upgradation to 63 kVA and 100 kVA transformers, keeping in view the load growth envisaged through load surveys.

Regarding Consumer Grievance Handling on replacement of defective meters, the Chairperson mentioned that Commission has issued instructions to replace all defective meters within a definite timeframe and accordingly many Sections will be having 99% working meters. The Section which he visited in Kendrapara is having 100% working meters.



The Chairperson thanked all four DISCOMs for the detailed presentations made by them. There is 30 to 40% of the proposed investments has already been made through various means including Capex by State Government. The ultimate aim is to provide reliable, quality and stable power supply to the consumers at affordable prices. Since substantial investment is taking place for technical upgradation of the distribution system, reduction in AT&C loss and interruptions is expected within the next 2 to 3 years, resulting in reduction of tariffs for all categories of consumers.

Thereafter, the Chairperson requested each SAC Member present in the meeting to share his/her views/suggestions, which are summarised below:

1. Smt. Lipsa Das, Addl. Secretary, Deptt. of Energy, GoO stated that Govt. is investing largely in Distribution Sector, starting with investment for 500 Primary Distribution Sub-stations (PSS), Rs.1796 crores under ODSSP-4 by 2024, Rs.1284 crores under ODSSP-5 mainly for upgradation of LT network (apart from investment in 7 PSS) out of which Rs.446 crores already released to DISCOMs. She also made a mention regarding letter from Energy Department requesting OERC for framing a Regulation on Standards of Performance of DISCOMs in line with Consumers' Rights under Electricity Rules, 2020 notified by Ministry of Power, Government of India similar to Regulation already framed by DERC. A resolution to this effect was passed in a meeting Chaired by the Chief Secretary, which was communicated to the Commission.
2. Shri S.K. Nayak, Addl. Secretary, Food Supplies & Consumer Welfare Deptt., GoO mentioned that they have established a State Consumer Awareness Institute having a Toll-free number for consumers to register their complaints/grievances which they will forward to the respective departments for redressal. They will be advised to approach the Consumer Grievance Redressal Forum at the district level for further escalation of the complaints. In response, the Chairperson suggested him to highlight 1912 number through advertisement or other possible media, so that people can know to register their complaints to a single Toll-Free number for all four DISCOMs for resolution of all their electricity related problems. Earlier, JE and SDOs were handling the complaints. In view of large number of consumers now, dialling of 1912 will be most effective means of registering their complaints. DISCOMs' engineers and officers need not handle so many complaints directly.
3. Shri R.N. Nayak stated that the DISCOMs have done a good job but still they have to go long-way. In their presentation, they have not mentioned some important aspects of improvement. He said that the system operation part is missing in their operation, which should be felt very important including the Deviation Settlement Mechanism (DSM). It is essential to include the System Operation components like load growth and system study. He wanted to know about arrangement/agreement between DISCOMs and GRIDCO for power supply. There is no feedback in their presentation regarding load shedding. He requested that the Commission may instruct DISCOMs to include information on system operation and load shedding in their presentation. In response, the Chairperson advised DISCOMs to include this aspect from next time onwards.

During the meeting, Sri Nayak expressed his concern about increasing number of fatal accidents which has resulted in casualty of more than 100 humans/ animals in a year. He made a mention regarding the occurrence of serious aftermath when a person died in New Delhi Railway Station



to make the DISCOMs understand the seriousness of situation. Therefore, DISCOMs should take serious drive and certain amount should be parked under the Safety head to reduce the fatal accidents and attempts should be made to create awareness among consumers/general public regarding such hazards.

Sri Nayak also mentioned that there is no justification for investment under CAPEX and it could have been better appreciated had the proposal included the projected achievement after doing such investment i.e., a better explanation of the pre and post-conditions of the CAPEX investment and the impact of the project should be included in the presentation.

Regarding Complaint Handling System of DISCOMs, Sri Nayak suggested that anybody complaining should have an opportunity to give his feedback. There should be a Box in each Customer Care Centre, so that a complainant can give his feedback whether he is satisfied or not.

There should be an impact analysis study by the DISCOMs. Additionally, the presentation should provide information on the number of unmanned substations located in DISCOMs areas. Cyber security needs to be certified from notified agencies because DISCOMs have put lot of smart meters and have implemented SCADA & Automation system, which are susceptible to disconnection online through their website.

The DISCOMs have not given information on RE development and steps taken to promote Roof-Top Solar, Distributed generation/micro grid and RE development on the OPEX Model. DISCOM should also highlight the major challenges faced, future readiness and indicate any support if required from OERC.

In response, the Chairperson advised the DISCOMs to highlight the above issues in next SAC meeting. A link should be sent through message to all consumers on payment of bills or resolution of complaints for providing feedback on satisfaction level so that consumers can present their views/information as feedback on such Automatic Feedback System, which will be optional so that any consumer can skip or send feedback. He also informed that facility is available on DISCOM website to apply for Roof-top Solar. Under DSM program, it is envisaged to replace 20 lakh conventional fans with energy efficient BLDC fans for which 30% subsidy will be provided by the State Govt. and consumer will pay only 50% of the cost.

4. Shri N.N. Mishra said that consumer wants 24x7 quality power supply. It is time now DISCOMs are required to track the non-availability part by doing micro analysis on planned outages and un-planned/forced outages. Whether during planned outages, the consumer can still be served at no cost or nominal extra-cost whatever the case may be, because consumer does not want any interruption from their supplier. So also regarding un-planned outages, how much is avoidable, how much is not avoidable. The Protection Co-ordination Committee should conduct regular meetings with DISCOMs, OPTCL, etc. to eliminate protection related tripping. Proper planning should be done at the time of upgradation of existing DTRs/PTRs to avoid overloading problems to cater the future load growth and parallel operation of DTR/PTR should be considered when necessary. The DTRs/PTRs should cover their entire life span e.g., if a DTR/PTR is upgraded, it should cater to the load growth for the next 15 to 20 years and lower capacity DTR/PTR removed should be suitably utilized in some other place till the end of its useful life. Safety should be the top priority of DISCOMs, and there should be zero fatal incidents.



5. Prof. A.K. Tripathy added these observations are similar to those of Sri Nayak and Sri Mishra. Lot of Capex is available now, but he expressed his concern that DISCOMs have only utilized 26% to 28% of assets created under Capex funds. How much Capex can be absorbed in the system, there should be a cap on that. Gradually there should be conversion of Capex to Opex since lots of spread of activities are there but the depth is missing. Analysis should be made to ascertain upto what extent the Capex can help to reduce losses and increase the revenue. Further, it is necessary to verify that consumer complaints are addressed and their service satisfaction is met. But it is not clear how 100 % voltage complaints have been resolved?
6. Shri B.K. Mohapatra said that DISCOMs should share their Annual Business Plan with SAC members for information so that SAC members can communicate their observation to the Commission. Additionally, an audit by State Government may be conducted. Arrear collection would have been more under OTS if the revision of bills were allowed. The Chairperson made a mention regarding appointment of an Auditor by the Commission for performance review of TPCODL on completion of third year of operation as per the Vesting Order.
7. Shri Prabhakar Dora stated that he had written 15 to 20 letters to DISCOMs since 2011 highlighting their actions with regard to the Regulations. But, there is no response from them. DISCOMs should submit the project proposals with techno-feasibility study along with Cost Benefit Analysis for all proposed projects. The licensees are yet to notify their designated authorities and place such information in their respective websites for awareness of all concerned.

In response, the Chairperson requested Sri Dora to submit copies of all his letters and specific suggestion, so that Commission will find out what action can be taken.

8. Shri Girish Chandra Mohapatra said that each Order of the assessment under Section 126 of the Electricity Act should mention about the next stage of appeal and its process. Sri Mohapatra expressed his concern about the frequent power interruptions in Rourkela even during the important meetings conducted by higher level dignitaries. He further suggested that DISCOMs should discontinue the practice of serving provisional bills in tribal areas, mostly with illiterate people. Most of the consumers having huge arrears are not able to take the full advantage of OTS Scheme due to lack of awareness of such schemes. Therefore, the Commission may consider for introduction of OTS scheme once again. DISCOMs may take steps for creating awareness regarding OTS schemes so as to benefit maximum number of people.
9. Smt. Saishree Pattnaik raised the concern about the lack of fencing around some transformers in the Dhenkanal area, which poses a safety risk to the general public. She also pointed out sagging in some lines that needs to be addressed. Additionally, she requested for prompt action for connectivity (link) between Gandia GSS and Gandia PSS and also for renovation of the GRF office in Dhenkanal.
10. Smt. Abanti Behera requested that proper procedure may be followed while assessing the unauthorised drawl or at the time of imposing penalty on consumers. Notice should be given well in advance to household consumer, where the penalty is very huge of the order Rs.1 lakh to 2 lakh. In response, the Chairperson clarified that Commission is asking to follow the procedure since



- hooking is detrimental to genuine consumers, who should not suffer because of unauthorised connections/supply.
11. Shri Shiba Dutta Bhanja objected that some proposals like the augmentation of Transformers, which is OPEX in nature, but DISCOMs are booking under CAPEX. He praised DISCOMs for the implementation of SCADA and for construction of unmanned substations while simultaneously raising concerns about unemployment. He also raised concern about the increase in numbers of electrical accidents and requested the Commission to give necessary direction to DISCOMs to follow proper safety procedures of electrical clearance during immersion of deities, public gatherings, puja, etc. and to sensitise people regarding the same.
 12. Prof. Prakash Kumar Hota expressed dissatisfaction among consumers regarding the services provided by DISCOMs. He also requested the Commission to provide DISCOMs with the trajectory of SAIDI, SAIFI and MAIFI. At the upcoming SAC meeting, Prof. Hota had suggested that DISCOMs should present their targets compared to the actual achievements to the Commission.
 13. Shri Bibhu Charan Swain stated that the Government of Odisha has to notify the Assessing Officer as per Section 126 of the Electricity Act 2003. In reply, TPWODL cited that SDO of the concerned Division has been designated as Assessing Officer. Chairperson, OERC has asked DISCOMs to display the Assessing Officer in their website and to provide information about EIC and Appellate Authority. The cost for disconnection and reconnection should be fixed instead of charging arbitrarily. He praised the Order of the Commission on KUSUM-C Scheme, however, he stated that the DISCOMs in 2021 were mentioning about creation of awareness regarding KUSUMA, B and C in various public places like theatres, Bus-stops, Airports etc. But it has not been carried out as yet. He also stated that Cost Benefit Analysis should be done for all proposed projects under Capex.
 14. Shri Bimal Krushna Mishra stated that Call Centres of DISCOMs should address all the issues seamlessly including billing related complaints, since their complaint handling is becoming similar to responding routine type messages. In response, the Chairperson informed that the Call Centres are yet to be stabilized and asked DISCOMs to incorporate automatic feedback system, so that registered consumers can give their feedback regarding service provided by the DISCOMs. He also advised the CEOs to give more attention to resolution of complains using “1912”.
 15. Shri Sanjib Kumar Tripathy appreciated the steps taken on safety aspect and he insisted to involve students of school and college level to promote awareness among people in interior/rural area. He also emphasized the requirement on subsidizing solar rooftop system and requested DISCOMs to take proactive steps regarding installation of roof-top solar system.
 16. Shri Bidyadhar Mohanty said that provisional billing should not continue beyond one month. He further mentioned that DISCOMs are not serving notice and not following due procedure while imposing penalty on consumers. Review meetings are to be done at District level and all SAC members should attend the review meetings. Further, GRF Presidents should not be selected from the officers of Licensee.



17. Shri Surendra Prasad Mallick stated that domestic consumers (having second connection) with bills amounting to more than Rs.1 lakh in a year should be monitored and the power consumption by 3 phase consumers need to be scrutinised properly. In response, the Chairperson indicated that DISCOMs have dedicated data analysis team for regularly monitoring such billing issues. They are regularly checking all commercial and industrial consumers e.g., consumption of all Hotels in Puri town being checked by TPCODL.
18. Shri Alekh Chandra Mallik said that as per the presentation, the base year for tracking number of outages is FY 2023-24, whereas it should have been from the date of Vesting of the utilities. Interruption duration has reduced but number of interruptions has increased over the years. He also raised concern about the reliable power in Bhubaneswar area and also cited about frequent load shedding. He further suggested that GRIDCO should come up with a prospective plan to meet the future load demand. There is delay of 2 to 3 hrs. in managing outages. The efficiency of OPGC plants should be enhanced from PLF 80% to 90 % with bundling of imported coal.

In response, the Chairperson stated that there was a special meeting for power supply in Cuttack and Bhubaneswar area. Keeping in view the upcoming load growth due to huge Apartment complexes coming up in many parts of the twin city, especially Sundarpada area up to Jatni, Commission invited officers (from EE and above) of OPTCL and TPCODL for advance action on power supply to such residential, commercial and industrial complexes.
19. Shri Bimal Das said that after the SAC meeting, GRF meeting was being conducted in the same day. This practice may be revived. In response, the Chairperson made a mention of the interactive meeting held with the President and Members of GRF in virtual mode. One more such meeting will be conducted separately.
20. Shri Burle Balaraju stated that although R. Udayagiri GSS has been completed, but it is yet to be charged, thereby depriving people of the area from the benefits of this GSS. Chairperson, OERC also enquired about the same and OPTCL informed that obtaining the Forest clearance for the line is in advanced stage and the balance work will be completed after getting necessary clearance. The Chairperson emphasized that R. Udayagiri and Baliguda being low voltage pockets, the completion of the GSS is very important, which is closely monitored by the CMO also.
21. Shri Gour Chandra Panda stated that in some places like Talang, line clearance for vertical feeders' arrangement of 33 kV and 11 kV (on same Poles) are taken for longer period, which is creating issues/disturbances in power supply for densely populated area while taking shut-down for repair and maintenance work. He also raised concern about long delay in locating fault by the field staff. In some cases, more than 100 kVA load is connected to a 100 kVA transformer without knowing how many consumers are there and the street lights remain switched on for 24 hours. In response, the Chairperson clarified that DISCOMs are using Fault Passage Indicator (FPI) and numerical relay for locating the faults quickly. Regarding loading of transformers with number of consumers, GIS mapping is the solution for all related problems.
22. Shri S.K. Ray Mohapatra, Member, OERC stated that a good number of initiatives for system improvement have been taken by DISCOMs, some of which are clearly visible. Payment of power purchase cost to GRIDCO by DISCOMs every month is a major change in the state after



taking over of the distribution business by Tata Power. Regarding the quantification of benefits due to investment under Capex, there must be comparison of status and improvement (before and after investment) with respect to reduction in AT&C loss, steps taken for improving the low voltage pockets, reduction in number of trippings/outages and over loading of PTRs & lines (at 33 kV & 11 kV level) etc. Recently, the Commission has engaged one Agency (the Auditor) for review of performance of TPCODL on completion of 3 years of operation as per vesting order. There should be clear demarcation for investment under Capex & Opex. Some investments are covered under CAPEX, which should have been covered under Opex. Commission is seriously considering installation of smart meters at all levels (LT, HT& EHT) for reduction of commercial loss to a great extent. DISCOMs are in the process of installation of such meters for 3 phase consumers, Govt. establishments etc. and in phases it will be extended to domestic consumers. He also suggested to go for microgrids for isolated villages where it is difficult to extend 11 kV and 33 kV lines because investment on long lines is not cost effective. The microgrids will be maintained by DISCOMs. Regarding Demand Side Management, he informed that DISCOMs have proposed to install 20 lakh BLDC fans in consultation with the Government of Odisha. The solarisation of Agriculture Pumps under KUSUM-C Scheme, which has no. of direct & indirect benefits like reduction in subsidy burden on subsidising consumers & reduction in LT loss etc., is not taking up. TPWODL may take steps to encourage farmers to go for KUSUM-C and bring to notice of Commission, the constraints/hurdles being faced by them. Govt. has taken a number of steps in its RE Policy-2022 to promote RE generation and attract investment for production of Green Hydrogen & Green Ammonia in the State and Commission is in the process of finalising Regulation on Green Energy Open Access to facilitate investment in the production of Green Hydrogen and Green Ammonia in the state.

23. The Chairperson concluded the meeting with a vote of thanks to all the SAC Members, Special Invitees and all other participants.

Sd/-
(Suresh Chandra Mahapatra)
Chairperson



MINUTES OF 36th MEETING OF STATE ADVISORY COMMITTEE (SAC) OF OERC HELD ON 07.02.2024 AT 11:00 HRS.

PRESENT:

1. Representative of Department of Energy, Government of Odisha.
2. Sri R. N. Nayak, Ex-CMD, PGCIL, B1-201, PWO Housing Complex, Sector-43, Gurgaon-122002
3. Sri N. N. Mishra, Ex-Director (Operation), NTPC, M 17 B, Samsara, Sector-60, Gurugram-122101
4. Prof. Ashok Kumar Tripathy, Former D.G., CPRI, HIG-213, Kanan Vihar Phase-1, BBSR-31
5. Sri B.K. Mohapatra, representative of UCCI, Rajabagicha, Cuttack
6. Sri Prasanta Kumar Pradhan, Ex- Director (Comm.), GRIDCO, Nua Road, VSS Nagar, Ward No.9, Bargarh-768028
7. Sri Girish Chandra Mohapatra, Advocate, MM-6, Civil Township, Rourkela,
8. Smt. Saishree Patnaik, Advocate & Notary, Panel Lawyer Juvenile Justice Board, Dhenkanal, At-Kunjakanta, PO/Dist-Dhenkanal.
9. Smt. Abanti Behera, W/o Randhir Jena, At-Kakat, PO-Kendrapara, Dist-Kendrapara.
10. Prof. (Dr.) Prakash Kumar Hota, Professor of Electrical Engineering & Dean, School of Computer Sciences, VSSUT, Burla.
11. Sri Bibhu Charan Swain, Sr. Consultant, Power Tech Consultants, Kalinga Nagar, Bhubaneswar
12. Sri Bimal Krushna Mishra, S72, Maitree Vihar, Bhubaneswar-751023
13. Sri Sanjib Kumar Tripathy, Ex-CEO, GEDCOL, B501, Sakti Paradise, Hanspal, BBSR-752101
14. Sri Surendra Prasad Mallick, Ex-COO, NESCO, Near Ratikant Memorial Girl's High School, At/P.O. Sahadevkhunta, Dist. Balasore-756001
15. Sri Alekh Chandra Mallik, Ex-Director (Comm.), GRIDCO, 335, City Garden, Raghunathpur, Bhubaneswar-751024
16. Sri Bimal Das, Representative of Confederation of Citizen Association, Bhubaneswar
17. Sri Burle Balaraju, At/PO: Bhuskudi, Via. Gurandi, Dist. Gajapati-761210
18. Sri Debabrata Pattanayak, Lesancy Complex, Ward No.15, Rairangpur, Dist. Mayurbhanj-757043
19. Sri Gour Chandra Panda, President, Bhadrak Chamber of Commerce, At/P.O. Usha Vikas, Charampa, Bhadrak-756100

INTRODUCTORY :

The State Advisory Committee Meeting was convened on 07.02.2024 at 11.00 AM in hybrid mode in the Conference Hall of the Commission. The agenda for the meeting was, discussion on ARR & Tariff proposals of different Power Utilities for FY 2024-25. Shri Gajendra Mohapatra, Officiating Chairperson, OERC and Shri S.K. Ray Mohapatra, Member and SAC Members were present in the



meeting. Shri N. N Mishra and Shri B. K. Mohapatra, Members of SAC, were present in virtual mode. The Members Shri S. D. Bhanja and Shri. Pravakar Dora were absent.

SUMMARY OF THE PROCEEDINGS :

Shri Priyabrata Patnaik, the Commission Secretary, OERC welcomed Chairperson, Member of the Commission and all SAC Members and requested Shri Gajendra Mohapatra, Officiating Chairperson to preside over the meeting and briefed about the agenda. The Chairperson, chaired the proceedings and expressed thanks to the SAC Members for participating in the last stage of tariff proceeding for FY 2024-25 and welcomed brief comments from SAC Members. The Chairman appreciated the efforts of SAC Members and expressed to look forward to SAC's continued contribution to collective efforts of the Commission. At the outset the consumer counsel appointed by OERC, World Institute of Sustainable Energy (WISE), Pune, presented their analysis ARR proposals of all the Licensees for the FY 2024-25 including their trueing up proposal.

Member of the Commission, Shri. S. K. Ray Mohapatra requested the SAC Members to give their valuable suggestions on the following in addition to comments on ARR proposals of Licensees and Generators.

1. Procurement and Installation of Smart meters under CAPEX and its implementation in phase-wise manner, as proposed by DISCOMs.
2. Introduction of Grid Support Charge payable by Industries with CGP, as proposed by OPTCL.

Thereafter, the Members gave their comments/ suggestions, which are summerised as under:

1. **Shri R. N. Nayak** mentioned that huge sums of money is pending with erstwhile DISCOMs which should be recognized and plan must be worked out for its progressive recovery in 5-6 years. He emphasized for long term power procurement plan by GRIDCO in collaboration with DISCOMs for procurement of economical power. He further advised for a formal agreement between GRIDCO and the DISCOMs, after Commission's ARR approval, for more systematic operation. GNA has provision of three years plan for power procurement and to its effect, the planning at state level should be there. With regard to OHPC, GoI is providing concession for Pumped storage and Hydro project development and traction in this direction is not seen. With increase in RPO obligation, procurement of green power procured from outside the State has implication of additional charges and therefore, OHPC must come up with a road map for next 5 years. In case of OPGC, action must be taken to reduce the plant auxiliary consumption and future plan for coal procurement for that plant must be thought of. He agreed to the proposal of levy of Grid Support charges by CGPs. He advised DISCOMs to plan for implementation of the PM's Suryoday Yojana, 2024. He informed that CEA has published "Electricity Distribution Network Planning Criteria", 2023 and with time we should align our planning as per that criteria. He pointed out that EV Charging Stations in Urban areas is an important requirement for EV penetration which is very progressive and planning for such stations must be emphasized.
2. **Shri N. N. Mishra** stated that, all the Licensees have missed the long-term planning aspect. The Annual plan should be such that it merges with the five-year plan and rolls over to the next year. GRIDCO should procure cheap power from market instead of procuring from costlier contracted power like Barh-1. In case of OPTCL, he pointed out that the Employee cost is a high percentage of the total cost. Transmission loss of 3.05 % may be examined and requested Commission to set a



benchmark for OPTCL. For OHPC, he stated that the design energy and the availability has to be looked at a sustainable basis and proposed that it might need CAPEX with time. In case of OPGC, he advised the Commission to set the benchmarks as per CEA's recommendation for units of similar size and introduction of incentive scheme for better performance. He agreed to the proposal for Meters procurement in CAPEX as this would reduce the psychological burden of the consumer who receives demand for the meter rent reflected in the monthly bill. The DISCOMs proposal for creation of disaster corpus should be based on past data analysis. He acknowledged the proposal of TPWODL for minimum offtake by industries explaining that unless it's there, the return on backend investment is not justified. He advised for reactive power management at LT MSME and HT levels, with incentive mechanism. Further, the reactive power flow should be controlled at the grid level leaving an adequate margin for effective control at the distribution transformer level.

3. **Shri Ashok Kumar Tripathy** denounced the proposals of DISCOMs for more ARR while their performance is not appreciable, even with huge CAPEX investment. The unpredictability of Hydro and thermal Generators, might create crisis during peak seasons. By 2026, 10,000 MW load is expected in the state and in spite of upcoming solar, wind, other tie-ups and increase in RPO, the state might still would be in deficit in power. Therefore, he emphasized for generation planning and proposed for agreements with CGPs to the effect of give-and-take relationship as is practiced in other states. He suggested for reasonable BSP for DISCOMs so that their performance is not affected by higher power purchase cost. Major thrust may be provided for implementation of Suryodaya Scheme. He agreed with the proposal for procurement of Smart Meters through CAPEX and further proposed for the DISCOMs to bear the cost. He proposed for informal meetings between SAC Members and licensees for discussion and to come up with solution / suggestions to the Regulatory Commission.
4. **Shri P.K. Pradhan** stated that GRIDCO has projected a surplus position but they are deficit during the peak demand. GRIDCO has shown less availability from OHPC and IPPs compared to their projections and GRIDCO's share. Mentioning Vedanta's case of getting CGP status for its 3 IPP's in 2016, he emphasized that CGP status may be revoked in case of non-supply of power by M/s. Vedanta as mentioned in that order of the Commission. He welcomed the proposal of replacement of all meters with smart meters and passing the cost in CAPEX and suggested for phase-wise replacement of meters basing on priority i.e. replacing defective meters first, then the meters whose meter rent has been recovered and then the new meters should be replaced at the end. He agreed the proposal of imposing Grid Support Charge on CGPs which is required for bringing necessary discipline in the grid. He disagreed with DISCOM's proposal of minimum off take clause for Industries having CGP. He mentioned that as per the principle adopted by GoI and CERC, CPPs have to back down and procure renewable power to meet their RPO obligation. He suggested that CSS may not be levied on the above renewable power procured along with a rider that, the amount of energy they have to forego from CGP for purchasing renewable power, must be sold to GRIDCO. Recently GRIDCO went for Intra-state power purchase from CGP and nobody participated. With the above advise, it will be compulsory and GRIDCO will also receive power. He requested to direct that prior to Vesting Order, the arrear bills may be redressed by the DISCOMs and GRIDCO will be able to receive the amount which will ultimately be passed in the Tariff. He requested for Rs. 2/3 per unit of rebate for timely payment of bills, to small temples in



village areas whose consumption is less than 100 units and are billed under GP category. He appreciated the proposal of TPWODL for extension of solar power to rural consumers.

5. **Shri Girish Chandra Mohapatra** stated that there are genuine bill disputes which are not redressed due to time limitation of two years which may be extended to at least 4/5 years. OTS may be extended once again so that the arrears can be collected. He suggested that the meter cost should be borne by the DISCOM. He cited the transmission loss of 3.05% and submitted that, OPTCL has not identified the areas incurring maximum loss and necessary Energy audit of lines and Sub-Stations must be done along with performance audit by third-party auditor appointed by the Commission. Regarding Grid Support Charge matter, he informed that, Case No.-52/2020 was filed before the Commission where Vedanta and other companies had opposed the cause. The Hon'ble High Court also observed that OERC under Sec-181 of the Act should examine the justification and accordingly the regulation is required to be framed first, then only OPTCL can file for approval for such charge before the Commission.
6. **Smt. Saishree Patnaik** stressed the issue of electricity theft and insisted for replacement of cable when such meter bypass points are identified. She requested for time extension of OTS scheme and further mentioned the necessity of EV charging station. She stated that there should be no tariff increase and DISCOMs' proposal of imposing processing fees for different activities should not be accepted.
7. **Smt. Abanti Behera** expressed concern stating that the DISCOMs proposal for imposing extra charges as processing fees should not be accepted. She requested for no tariff increase considering the paying capacity of the consumers. She also urged that special rebate may be provided for farmers.
8. **Prof.(Dr.) P.K. Hota** suggested to create an atmosphere to build trust between the energy supplier and the consumers. Minimum standards of operation may be set for the Distribution Companies and the monitoring committee should be appointed. He also emphasized for developing the infrastructure for EV Charging stations. He suggested for Tariff restructuring and shifting from Two-part Tariff to Three-part Tariff, where the third component, after fixed cost and variable cost, should be penalty/incentive based on the grid discipline maintained by the consumer. He said, LT consumers and HT consumers must be on different tariff slabs since the load requirements are different.
9. **Shri Bibhu Charan Swain** stated that the IPPs and CGPs are indirectly helping the grid and power system and thus separate grid support charges are not required as they are already paying Demand Charges. He informed that, there is disparity in OA charges between DISCOMs. He appreciated the move of OHPC for two new pumped storage plants and requested for approval of their PPA's by the Commission. GRIDCO being the nodal agency under RE Policies, should go for adequate resource assessment studies. The hydro projects operating at 40% LF due to restriction in water release and these are ideal place to build pumped storage plant in the tail end which can further meet the peak demands. Regarding EV charging stations, GRIDCO being the nodal agency for RE, can come up with a state wide tender for EV charger installation at various parts of the state. He stated that the small hydro projects are presently in dis-functional condition under OHPC which may be auctioned and handed over to private companies so that they can be made operational. He suggested that the distribution cost may be reduced so that the consumers



can avail reliable and affordable power. Long term planning is required for GRIDCO, OPTCL and DISCOMS for power procurement and adequate resources utilization. He insisted for OPGC to look into SAMARTH Mission (Biomass Addition) and that the procurement of pellets should be from inside the State. He shared his views on the Tariff rationalization measures and requested for the submission of annual audited reports of the DISCOMs. He concluded with his request to the Commission to bring about an Intra State Exchange Regulation.

10. **Shri Bimal Krishna Mishra** supported the proposal of Smart meter procurement through CAPEX. He also encouraged for installation of EV charging points and proposed for its reduced tariff and urged that the dealers or manufacturers of EV must be facilitated. He highlighted the low-quality rooftop solar panels provided by the vendors and requested for its examination. He mentioned that there are companies interested for installing floating solar and pumped storage plants but, the infrastructure to absorb such power generation is unavailable.
11. **Shri Sanjib Kumar Tripathy** made a remark that the CGPs are greatly benefitted by synchronizing to the grid power system and should pay the grid support charge. Regarding Smart meters, he agreed that with shift to roof-top solar, further need for smart meter would be reduced. Regarding Disaster fund, he suggested for governments support to create such fund along with procurement of some equipment for this purpose, instead of burdening the consumers. Regarding levy of DPS proposal, he implied that it should be reinstated for domestic consumers so as not to discourage the timely paying consumers. He emphasized for facilitating the EV Charging stations.
12. **Shri Surendra Prasad Mallick** submitted his views on tariff rationalisation measures proposed and agreed to the proposal of pro rata billing, Smart meter procurement under CAPEX, no separate agreement for new connection. He did not agreed to the proposals of Energy Police Stations, doubling of reconnection charges, imposition of various processing fees and temporary connection charges as equivalent to GP category. He further suggested for simplification of procedure for estimation of energy quantum during energy theft period, replacement of defective meter as soon as it is identified within billing cycle, implementation of EV Tariff and extension of the time limitation of 2 years, to resolve bill disputes.
13. **Shri Alekh Chandra Mallick** discussed about the current power scenario in the back drop of climate change and projected that 50 % consumption might be from RE sources by 2030. He informed that the Wind and Small Hydel are prospective in this direction particularly in Lower Machkund area which can have cascading small hydel of 20 MW each. GRIDCO power trading may be emphasized and trading license may be granted to OHPC. He proposed for CGP Pricing policy in the state. He informed that, in the PM's Suryodaya scheme, 60% is Central Government component and 40% is DISCOM's component which will be recovered from household consumers rooftop surplus availability. He identified the commercial loss incurred by OPTCL and proposed various technical suggestions regarding new tie lines of OPTCL. Many new substations are created for prospective new industries which remain un-utilised when such industries do not materialize. He defied the proposal of minimum off take proposal for CGP's and said, if the CGPs are used for ancillary operations like black start, the evacuation from CGPs will be encouraged. He suggested for special tariff for Mega steel plants to motivate them to continue running in the state. He further informed that, GoI has a scheme for Thermal plants, that they are



- allowed to purchase imported coal upto 10% in order to increase their PLF and OPGC should implement that.
14. **Shri Bimal Das** discredited the work done by DISCOMs and criticized the frequent power interruptions without any viable reasons. He acknowledged all the views stated by the SAC Members.
 15. **Shri Burle Balaraju** explained about under loaded condition of 132/33KV Grid S/S, R.Udaygiri and informed that the district is not being benefitted by it. He expressed his dissatisfaction about the quality of electrical inspection in the areas of elephant movement. He raised his concern for electrical accidents caused due to unauthorized access of consumers to overhead lines. He narrated certain proposals and drew the attention of TPSODL authority for its implementation in the field.
 16. **Shri Debabrata Pattanayak** informed that in his town at Rairagpur, 90% of the consumers belong to ST category who face problem for various kinds of assessments and charges and disagreed the proposal for imposing various service processing charges. He advised the DISCOMs for improving performance and then create the disaster corpus fund by themselves. He highlighted that the Municipality and NAC streetlights/timers are not being maintained and a lot of energy is wasted. Rooftop Solar Distributors registration may be done by Distribution companies in order to ensure quality product and service. He emphasized for educating the tribal people for timely payment of bills through digital mode.
 17. **Shri Gour Chandra Panda** stated that the focus should be shifted from revenue collection to reducing transmission and distribution loss. The maintenance of Power house, transmission grid substations and Distribution substation must be preplanned and streamlined, so that the consumers are not harassed with repeated power interruptions. The 11KV overhead lines must be converted to AB cables which encounter frequent earth fault. He further submitted the proposal for issuing of I-Cards to all SAC Members who can assist/advice the working professionals of power sector, in case of requirements.
 18. **Shri B.K.Mohapatra** pointed out the absence of audited balance sheets of the licensees. He further stated that half yearly performance analysis and subsequent publication in newspaper is not being done by DISCOMs. He urged that, DPS should be removed because with the presence provision for disconnection in case of non-payment of bills, DPS provision is not required. He mentioned the issue where the Meters are provided by DISCOM and meter rent is recovered from the consumer and the process repeats even though the meters are under manufacturer's warranty period. Therefore, he requested to make regulation to charge the consumer with reasonable price and to charge once.
 19. **Shri S.K.Mishra**, CMD, OPTCL, submitted his reply referring to the issue of high employee cost. He remarked that two long pending issues have been finalized, which are, cadre restricting of executives of OPTCL as per the guidelines of GoO. Nine hierarchies in executive cadre are being converted to six, resulting in some increase in post at GM and Sr. GM level. The wage revision of non-executives pending since 2020 has been completed. He further added that around 150 nos. of Pensioners have been added and DA & other allowances will also increase. He also responded regarding transmission loss and submitted that, it has been decreasing as per data analysis, i.e. 2007-08: 4.82%, 2023-24(upto Sept-2023): 3.12 % and forecasted for 2024-25:



3.05%. He informed that a host of measures have been taken, such as changing of 35-40 years old conductors, replacing old Transformers with lower capacity (12.5MVA) transformers and replacement of old lines which are either optimally loaded or overloaded to HTLS. He further added that, the major issue is the lopsided loading of the lines and assets which are utilized upto 45% for which they have raised the issue in GCC and Inter Co-Ordination Committee of DISCOMs. It is decided to utilize 33 KV feeder optimally. He referred to 765KV transmission network expansion in Odisha and stated that two 765KV ISTS lines, i.e. Angul to Gopalpur and Angul to Paradeep have been planned and they are in the tendering process, which shall be commissioned by OPTCL in TBCB Mode. He mentioned that another 765 KV sub-station is planned in Kolab area to tap the power from the Floating Solar sources, new power plant by NMC and from the augmented capacity of OPGC. The 765KV Kolab S/S will be connected to Duburi Grid S/S which is the load center and shall cater the upcoming demand. He further submitted about the projects of 765KV Paradeep-Mahakalapada line, 400KV Sub-station at Joda, 400KV S/S at Ersama near Paradeep and 400KV S/S near Neulapoi. He informed that the Commission had approved the 40th Transmission Plan for the current FY 2023-24. However, as per the advice of the Commission, it has been revised and has been further extended till FY 2026-27 and it shall be submitted shortly. Over and above that, the next transmission plan will be for 10 years i.e. for FY 2036-37, specifically 2036 because it will mark 100 years of creation of the state of Odisha. The next transmission plan for 2047 has also started, it shall mark 100 years of independence of India. At this moment, there are 193 Grid S/Ss with transformation capacity of 26000 MVA and transmission network of 16000+ circuit kms. By March 2024, there will be 200 Grid S/Ss and 210 Grid S/Ss by 2025 and analysis shows that since 2013, 10 Grid S/Ss and 600 ckms of transmission network have been added every year and the process still continues. By 2026-27, 210 and by 2030, 230 Grid S/Ss would be there and the percentage of 765 KV and 400KV Grids will be increased. Work is being done for the ring connectivity at 220KV level which shall be completed by 2025-26. State asset management system will be completed by 2025-26. Sixty-five grids will be completely automated with central operation from Bhubaneswar by 2027. All 210 grids will be automated and centrally operated & controlled in due course. He concluded saying, that the such expansion and technological modernization is necessary and infrastructure must come up before demand. With the MoUs signed for Make in Odisha, huge demand is expected and thus the projected ARR may be considered compassionately and approved. In the last Financial Year, OPTCL has incurred loss on account of less LTOA and STOA and also with reduced transmission charges from 28 p/unit to 24 p/unit and for the same appropriate consideration may be made.

20. **Shri Trilochan Panda, MD, GRIDCO** addressing to the various issues raised by the Members replied that long term power procurement planning is being done for by working in coordination with the distribution companies, for 2030, 2036 and 2047 along with involvement of GoO. Such strategic long-term planning considering the present demand of the state, resource adequacy norms, national mandate for RPO obligations and the various variabilities is underway. He informed that there has been rise in demand, resulting from the change in climatic condition. He indicated that the storage capacity of the hydro stations has gone down and therefore the capability to meet the rising demand has reduced. Currently the average demand is 4300 MW and peak demand is 5500 MW and moving forward, average demand is expected to be 5300 MW by 2030, 6500 MW by 2036 and 9200 MW by 2047. In contrast, with the climate change aspect, the peak demand as of today is 5500 MW and is expected to rise to 7600 MW in 2030, 10500 MW in



2036 and around 17000 MW in 2047. The peak demand is increasing in a larger proportion compared to the average demand and in order to address the issue, the storage capacity has to be enhanced. For this, discussions are being done with OHPC & private companies and correspondences are being done with GoI for additional support. He highlighted the fact that with the current contracted capacity of 8635 MW, Thermal : Renewable ratio is 55 : 45 and after 25 years, it will be 30 : 70. Therefore, we all must work towards flattening the demand curve and improve grid capacity to absorb such generation. Regarding the Floating solar project near Hirakud, a green energy corridor has been planned in coordination with OPTCL and has been submitted to GoI for approval of Rs.4200 Crs. for such construction. He further talked about the issues of CGPs and informed that in the first week of January, a meeting was held with the CGPs and they will support us during peak period of summer but their major concern is regarding price and Intra-state DSM. Responding to the queries, he further deliberated that the IPPs are not giving the actual share of power they are supposed to give and GRIDCO has also agreed for procurement of imported coal in case on non-availability of linkage coal. He also clarified that the costlier power from Barh and Kanti Bijli are not been availed by GRIDCO and it has been reallocated to other States. He identified the fact that the benefit of CAPEX investment done by DISCOMs has not yet been realized in the right perspective.

21. **Shri Amresh Kumar, MD, OHPC** replied to the concerns raised by the Members and informed that currently three pumped storage projects are underway. The Upper Indravati pump storage with capacity of 600 MW is quite in advance stage and the techno-economical clearance from CEA is expected within 2-3 months. The Upper Kolab pumped storage with proposed capacity of 326 MW is under review for capacity enhancement to 600 MW. Balimela pumped storage is under geo-technical investigation stage. As per plan, Upper Indravati PSP will be commissioned by April, 2030, Upper Kolab PSP is scheduled to be commissioned by FY 2031-32 and Balimela PSP will be commissioned by FY 32. Regarding the health of the machines and capital expenses, he apprised that the health of hydro machines is constantly improving and had achieved the highest availability in the last year. Maximum availability for hydro machine with carry over reservoir system is 91 % considering annually, monthly and quarterly maintenance system and OHPC is close to 89% and have an internal target for achieving beyond 90% in the coming two years. He further deliberated that capital expenditure are being done in phased manner and Burla & Chiplima PH renovations have been completed. Two units at Upper Indravati have been completed and another unit is under progress. He highlighted on the Machkund PH issue stating that it is a JV between GoO and GoAP and they have jointly planned for 98 MW of hydro plant at 3 different places. Further he informed that the technical audit is being done by Central agency, CBIP and new technologies are being adopted to improve the range of the machines.
22. **Shri Manas Ranjan Rout, MD, OPGC** mentioned that the thermal units of OPGC will complete 30 years of service life in 2026. Therefore, R&M activities have been undertaken, after which the SHR will improve. The auxiliary consumption is as per design of the machines and it is very difficult to reduce since common equipment's are used for all four units as per CERC guidelines. Regarding the usage of good quality coal, discussions with GRIDCO is continuing to increase the PLF of Stage-I and OPGC will come to the Commission for suitable mechanism for pass through of the better quality coal procured. Stage-2 is having around 95% PLF and work towards expansion of units is under process. Evacuation of this power has not been finalized and work is under progress.



23. **Shri B.B.Mehta, Director, SLDC** deliberated that, very advanced technology is being deployed for upcoming challenges with grid operation. SAMAST software bid has been opened and tender for Wide Area Measurement has been published and these are funded through PSDF. He stated that SLDC has received the Best SLDC award in the country, 2023 for its outstanding performance. He also informed that last year the maximum demand crossed 6500 MW with 139 MUs handled on that day.
24. **Shri Arvind Singh, CEO, TPCODL** addressed three common issues on behalf of all four DISCOMs. Regarding corpus for natural calamities, he stated the fact that Insurance companies are not willing to cover the risk of 33KV Overhead lines. Therefore, a corpus is proposed to make the DISCOMs self-reliant and less dependent on government support during such calamities. In case of Energy Police Station, even though the concept has not been a great success in the past, he requested for one EPS per DISCOM on experimental basis. Further explaining about pro rata billing, he mentioned that pro rata billing is a mathematically fair system and is already in practice in states of Maharashtra and Gujarat.
25. **Shri K. C. Nanda, GM (RA & Strategy), TPWODL** made a short presentation on “Model Scheme to Solarise Rural Households through Community Solarization mechanism under RTS-II” emphasizing for its approval.
26. **Shri A.K.Garg, CEO, TPSODL** supplemented saying all issues have already been covered by his counterparts of other Distribution Companies.
27. **Shri Bhaskar Sarkar, CEO, TPNODL** also agreed with the time limitation issue for resolving disputed bills as shared by the Members. He submitted that microgrids have been installed for the first time in Odisha to provide electricity to the remote areas of Keonjhar, Mayurbhanj and Simlipal forest. In addition, they have approached the GoO to transfer certain standalone units of around 6000 Nos. installed by OREDA (in the entire state) and the proposal has been allowed.
28. **Energy Department** on behalf of Government of Odisha stated that the Government has been providing huge budgetary support over the years in order to maintain low tariff and requested not to increase the tariff for the year 2024-25.
29. **Shri. S.K.Ray Mohapatra, Member of the Commission**, informed all SAC Members that the estimated energy requirements is around 39000 MU and peak is expected to go beyond 6000 MW. He deliberated that additional energy available is around 3000 MU which is not adequate to meet any contingency requirement in case of outage of 660 MW thermal unit of OPGC. As per Vesting Order, all the four DISCOMs were supposed to invest 5640 Crs. in five years. The Business Plan has already been approved for five years for all the DISCOMs and the CAPEX plans have also been approved in advance for left out period. Main concern is reduction in availability of hydro generation from Upper Kolab, Balimela and Upper Indravati. There is reduction in design energy particularly because of hydrology failure. The hydro tariff may be the lowest in the country. As far as IPPs are concerned, availability is also less compared to their share of the state. The reduced availability is a loss to the entire state and government should take action so that the availability from these IPPs commissioned within the state can be improved. He mentioned that, the average tariff of Odisha is among the lowest in many states. Even the Power Purchase cost is less than national average. Number of GRFs operating in DISCOM area has increased from 11 Nos. to 17 Nos. As per Vesting Order of DISCOMs, independent performance



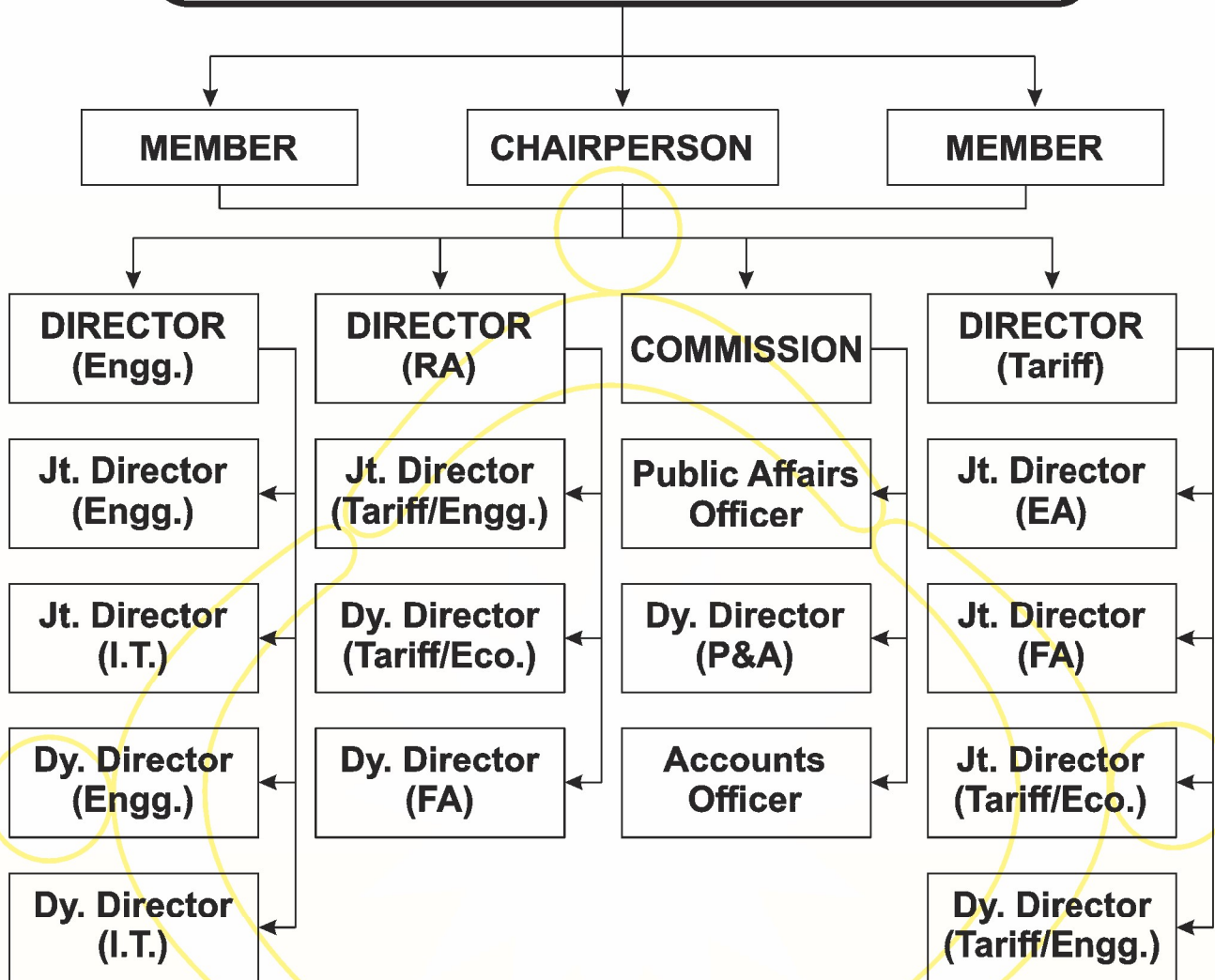
audit needs to be done after 3 years of operation. In case of TPCODL, the auditor was appointed by the Commission and audit has already been completed by the Auditing firm. Chairperson, OERC supplemented that OERC Officers are also visiting the site of DISCOMs to analyse and verify the work executed under CAPEX including performance of the DISCOMs in terms of Consumer satisfaction and method of Grievance Redressals. Member, OERC insisted the DISCOMs to provide the norms for engagement of outsourced employees and regular employees of licensees. He further discussed the reason behind the increase in Power Purchase Cost. High ash handling and transportation cost as per MoP guidelines and increase in fuel cost are primarily responsible for increase in Power Purchase Cost. Accordingly, Fuel and Power Purchase adjustment is being done by GRIDCO. Last year special tariff was introduced for EV charging and OERC will look into further reduction in tariff, so that more EV charging infrastructures are developed within the state. He also added that, Solarisation of agricultural pump-sets is also a major concern since KUSUM-C implementation is not encouraging. Modifications may be proposed by the DISCOMs and government for successful implementation, as it will lead to number of benefits in terms of reduction in loss & cross subsidy burden on subsidizing consumers, encourage DSM, conservation of ground water etc. He also informed the SAC Members about the implementation of 20 Lakhs of BLDC fans with government support, that would save energy of around 650 MUs per annum which is equivalent to saving in Power Purchase Cost of about Rs. 200 Crs. He concluded by informing that the OERC (Promotion of Renewable Energy & Green Energy Open Access Regulations), 2023 has been notified by the Commission and the said regulation has provision for banking facility to encourage RE development and promotion of production of Green Hydrogen and Green Ammonia within the state.

30. Chairman of the Commission appreciated the active participation of all the SAC Members and the licensees and assured that all the suggestions and remarks shall be taken into consideration during Tariff determination.
31. Shri Priyabrata Patnaik, the Commission's Secretary, thanked all the participants for attending the Meeting and also for giving their valuable suggestions on the proposed Tariff.

Sd/-
(Gajendra Mohapatra)
Officiating Chairperson



ORGANISATION CHART OF OERC





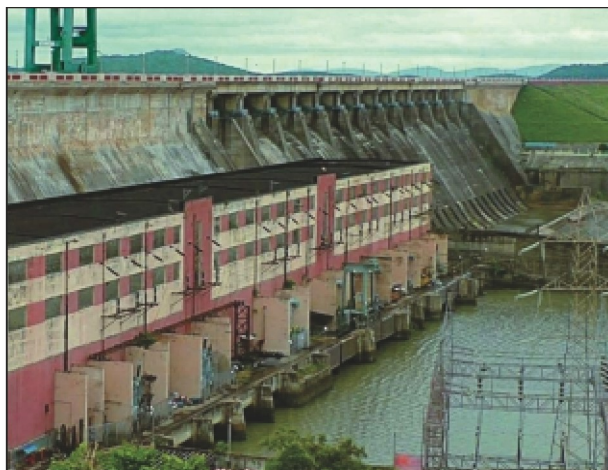
Plantation Programme in OERC



OERC Officers & Staff



BALIMELA HYDROELECTRIC PROJECT



HIRAKUD HYDROELECTRIC PROJECT



MACHKUND HYDROELECTRIC PROJECT



RENGALI HYDROELECTRIC PROJECT



UPPER INDRAVATI HYDROELECTRIC



UPPER KOLAB HYDROELECTRIC PROJECT

ODISHA ELECTRICITY REGULATORY COMMISSION

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