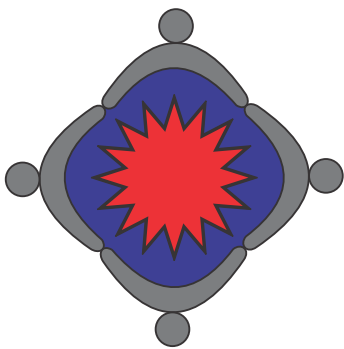


ANNUAL REPORT

ବାର୍ଷିକ ବିବରଣୀ
2022-23



Together, let us light up our lives

ODISHA ELECTRICITY REGULATORY COMMISSION



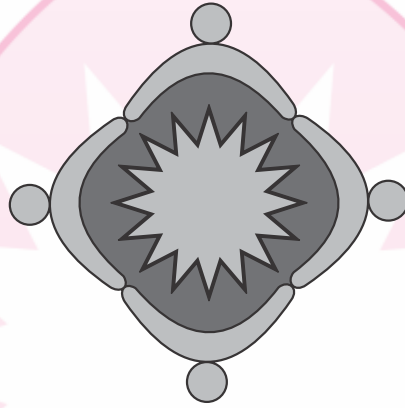
Oath taking Ceremony of Sri Suresh Chandra Mahapatra, Chairperson, OERC



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ODISHA ELECTRICITY REGULATORY COMMISSION

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ODISHA ELECTRICITY REGULATORY COMMISSION

MISSION STATEMENT

The Odisha Electricity Regulatory Commission (OERC) is committed to fulfil its mandate 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 reform is establishment of an independent autonomous Regulator, the Odisha Electricity Regulatory Commission 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 regulators of the country.
- (3) The property, interest in 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 to (a) Generation Undertaking (b) Transmission Undertaking and those not classified within (a) & (b) to 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 takes care of all the operating and 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 was 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) 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 license of erstwhile DISCOMs (CESCO, NESCO, SOUTHCO & WESCO). TPCL has purchased 51% of equity share capital of CESU, NESCO, WESCO and SOUTHCO in 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 quarterly basis.
 - (8) 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.
 - (9) The OERC completed 27th year of its operation on 01.08.2023. Since 09.05.2016, the Commission is operating at its New Building at Plot No.4, Chunokoli, Shailashree Vihar, Bhubaneswar -751 021.



3. PROFILES OF CHAIRPERSON & MEMBERS

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 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 generating companies.

Shri Mahapatra has also worked as Secretary to 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.

Shri Gajendra Mohapatra, Member Officiating Chairman 16.01.2022to28.02.2023)



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 29.12.2021continuing)



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 EHVAC 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 MemberSecretary of North Eastern Regional Power Committee (NERPC) and introduced requisition-basedScheduling, 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 hascontributed 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***⁸
- (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.⁹

6. ACTIVITIES OF THE COMMISSION

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, Transmission, Supply and wheeling of electricity, wholesale, Bulk or Retail, as the case may be within the State of Odisha.

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



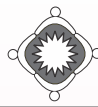
Tariff for Generation, Supply, Transmission and wheeling of electricity, wholesale, Bulk or Retail, as the case may be within the State of Odisha. Keeping this in view the Commission obtains and analyses the Annual Revenue Requirements of the licensees and determines charges to be levied on various categories of consumers including those seeking Open Access to the intra-state transmission and distribution systems. It also undertakes scrutiny of Power Purchase Agreements, approval of MYT, Cost data and Business Plans 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 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).
- (iii) Safeguarding the consumers' interests and at the same time recovering the cost of supply of electricity in a reasonable manner: Section 61(d).
- (iv) The principles regarding efficiency in performance: Section 61(e).
- (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).
- (vi) The National Electricity Policy envisages existence 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).
- (viii) Section 86(1) (e) 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 2022-23 furnished to the Commission during tariff hearing of FY 2024-25 are shown in the table below:

ALL ODISHA CONSUMPTION FOR FY 2022-23 (MU)

Category	TPCODL		TPNODL		TPWODL		TPSODL		ALL ODISHA	
	No of Cons.	Consumption (MU)	No of Cons.	Consumption (MU)	No of Cons.	Consumption (MU)	No of Cons.	Consumption (MU)	No of Cons.	Consumption (MU)
Domestic	2625293	3162.39	1861176	1441.42	1924594	1590.25	1824676	1417.94	8235739	7612.00
Kutir Jyoti	36045	9.86	75673	5.94	136016	10.16	65368	9.04	313102	34.99
LT General (Com)	197159	799.90	97819	385.15	94575	421.26	87835	308.22	477388	1914.53
Irrigation, Pumping & Agriculture	24360	26.61	26450	84.52	75437	309.98	22095	99.89	148342	521.01
Allied Agriculture	4082	15.24	1687	38.57	381	8.99	909	5.79	7059	68.59
Allied Agro Industrial	36	1.79	50	0.97	115	2.46	62	0.60	263	5.82
Public Lighting	2034	91.67	1311	23.96	3142	49.30	5276	36.26	11763	201.19
PWW	2868	47.10	4184	52.78	4578	54.99	4472	66.91	16102	221.79
Small Industry	8103	31.56	4341	19.75	3845	19.84	2298	11.57	18587	82.72
Medium Industry	1171	41.72	1084	37.71	1428	58.31	978	25.28	4661	163.02
Specified Pub. Purpose	14660	32.95	14657	41.93	12484	56.46	11237	45.67	53038	177.02
G.P.	33	5.15	0	0.00	2	0.00	13	0.65	48	5.79
Large Industry	9	2.36	0	0.00	0	0.00	0	0.00	9	2.36
Temporary	0.68	0.00	0.00	11	0.24	0	0.92			
LT (Total)	2915853	4269.00	2088432	2132.70	2256597	2581.98	2025230	2028.06	9286101	11011.75
HT	11575	1813.32	614	625.42	1086	2164.94	1887	421.62	15162	5025.30
EHT	34	1556.42	37	2651.93	39	5862.70	18	705.69	128	10776.74
TOTAL	2927462	7638.74	2089083	5410.05	2257722	10609.62	2027135	3155.37	9301391	26813.78

The important orders passed by the Commission during 2022-23 relating to Tariff are as follows:

- (i) Approval of Annual Revenue Requirement & Generation Tariff of OHPC for FY 2023-24 (Case No. 74 of 2022);
- (ii) Approval of Annual Revenue Requirement & Generation Tariff of OPGC for FY 2023-24 (Case No. 75 of 2022);
- (iii) Approval of Annual Revenue Requirement & Bulk Supply Price of GRIDCO for FY 2023-24 (Case No. 78 of 2022);
- (iv) Approval of Annual Revenue Requirement & Transmission Tariff of OPTCL for FY 2023-24 (Case No. 76 of 2022);
- (v) Approval of ARR and Fees and charges of State Load Dispatch Centre for FY 2023-24 (Case No. 77 of 2022);



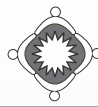
- (vi) Approval of Annual Revenue Requirement & Retail Supply Tariff of four DISCOM Utilities for FY 2023-24 (Case Nos. 83, 80, 82 & 88 of 2022);

As per the Electricity Act, 2003, Section 61, 62, 65, 86, 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 a Public Hearing has passed the Annual Revenue Requirement and Tariff Order on dated 23.03.2023 for the FY 2023-24, which shall be effective from 1st April, 2023.

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 2023-24 except for Allied-Agro Industries in LT and HT category which has been reduced to 310.00 and 300.00 p/kWh from earlier energy charge of 470.00 and 460.00 respectively.
- (ii) There is no change in Monthly Minimum Fixed Charge (MMFC) and Demand Charge.
- (iii) The meter rent has been provided for smart and static meters only with provision for LT & HT (11KV/33KV) CT meters/ Three Phase Smart LT CT Meter (AMR/AMI compliant) as Rs. 500.00, Rs 1000.00 and Rs. 2000.00 respectively while meter rent for Single phase & three phases static meter, LT single phase smart meter and HTTV meter for railway traction remains unchanged.
- (iv) The transmission tariff of OPTCL for FY 2023-24 has been revised downward from 28.00 paise per unit to 24.00 paise per unit.
- (v) The power purchase cost at GRIDCO end has been revised from 297.69 paise per unit to 310.34 paise per unit. Therefore, the power purchase cost has gone up by 12.65 paise per unit. Accordingly, the average BSP has been revised from 312.34 paise per unit to 329.00 paise per unit. The BSP has been raised by 16.66 paise per unit. Due to revision of BSP GRIDCO will get Rs.474.15 crores additional revenue. The Commission has allowed a negative gap of Rs.256.52 Cr. in the ARR of GRIDCO. All the fixed cost of GRIDCO for approved PPA has been allowed. However, for individual DISCOM there is a change in BSP rate which are as follows:

Name of the DISCOMs	Existing Bulk Supply Price approved for FY 2022-23 (P/U)	Quantum of Energy for sale during FY 2023-24 (MU)	Total Revenue for FY 2023-24 (Rs. Crore)	Bulk Supply Price approved for FY 2023-24 (P/U)
TPCODL	300.00	11256.00	3433.08	305.00
TPNODL	321.00	7508.00	2515.18	335.00
TPWODL	360.00	13286.00	5181.54	390.00
TPSODL	227.00	4920.00	1033.20	210.00
Total	312.34	36970.00	12163.00	329.00

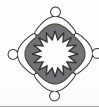


- (vi) The Commission, aiming at rationalisation of tariff structure by progressive introduction of a cost-based tariff, has set the Energy Charge at different voltage levels to reflect the cost of supply. While determining Energy Charge, the principle of higher rate for supply at low voltage and gradually reduced rate as the voltage level goes up has been adopted. This year the Commission has decided to introduce kVAh tariff for HT and EHT consumers. This method of billing for energy charge captures both active and reactive energy consumed by the consumers.
- (vii) For domestic HT bulk supply consumers the energy charges has been fixed at 490 paise per unit (kVAh).
- (viii) The Commission has given several concessions to the different categories of consumers as follows:
- 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.
 - 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.
 - 4% rebate over and above normal rebate shall be allowed on the bill to the LT domestic and single phase general purpose category of consumers only over and above all the rebates, if such consumer pays the entire amount of the bill through digital mode on or before due date.
 - The Commission has approved the distribution loss of 19.58 % which is same as the proposed distribution loss by DISCOMs. Similarly, the Commission has approved AT&C loss of 20.39 % instead of 20.88 % proposed by DISCOMs.
 - Cross subsidy has remained within $\pm 20\%$ for all categories (LT/HT/EHT).
 - The average cost of supply for DISCOMs has increased from 587.77 paise/unit in FY 2022-23 to 604.22 paise/unit in FY 2023-24.

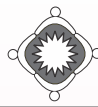
(A) Details of Retail Supply Tariff for FY 2023-24 is given in the table below:

RETAIL SUPPLY TARIFF EFFECTIVE FROM 1st APRIL, 2023

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	LT	FIXED MONTHLY CHARGE->			80		
1.b	Others							Rebate 10
	(Consumption <= 50 units/month)	LT		300.00		20	20	



	(Consumption >50, <=200 units/month)	LT		480.00				
	(Consumption >200, <=400 units/month)	LT		580.00				
	Consumption >400 units/month)	LT		620.00				
2	General Purpose < 110 KVA							Rebate 10
	Consumption <=100 units/month	LT		590.00		30	30	
	Consumption >100, <=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



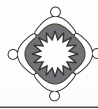
19	General Purpose >70 KVA < 110 KVA	HT	250		250			Rebate 10
20	H.T Industrial(M)Supply	HT	150		250			Rebate/DPS
21	General Purpose >= 110 KVA	HT	250		250			Rebate/DPS
22	Public Water Works & Sewerage Pumping	HT	250		250			Rebate 10
23	Large Industry	HT	250		250			Rebate/DPS
24	Power Intensive Industry	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
	EHT 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 base on the power factor for the month provided in the energy bills if necessary. For Electricity Duty 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 reconnection 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. 3,000/-



- (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. 01.04.2023 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) having Contract Demand (CD) of 1 MVA and above shall get a rebate on energy charge on achieving the load factor as given below:

<u>MVA</u>	<u>CD upto 6 MVA</u>	<u>CD above 6</u>
For load factor of 65% and above upto 75%	10% on energy charge	-
For load factor above 75% upto 85%	15% on energy charge	8% on energy charge
For load factor above 85%	20% on energy charge	10% on energy charge

The above rebate shall be on energy charges of entire unit of consumption.

Load reduction shall not be permitted to such category of industry for availing this rebate during the financial year 2023-24.

- (vi) Any industry having CGP with CD up to 20MW 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 paise per kVAh. 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. The concerned DISCOM must take prior permission of GRIDCO for providing this concession to consumer.

- (vii) 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.
- (viii) 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.
- (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) LT Single Phase consumers of all categories having CD upto 5 KW with pole within 30 meters from the consumer premises shall pay new connection charges excluding processing fees as follows:

Upto 2 KW	:	Rs.1,500/-
Beyond 2 KW upto 5 KW	:	Rs.2,500/-

However, if the line extension is required beyond 30 meters, the licensee/supplier shall charge @ Rs.8,000/- for every span of line extension in addition to the above charges.

- (xi) A "Tatkal Scheme" for new connection is applicable to LT Domestic, Agricultural and General Purpose consumers.
- (xii) 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.
- (xiii) 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.
- (xiv) LT Domestic, LT General Purpose and HT Bulk Supply (Domestic) consumers will get 10 paise/ unit rebate for prompt payment of the bill within due date.
- (xv) Three phase consumers with meters are allowed to avail TOD rebate (excluding LT Domestic and LT General Purpose categories, Public Lighting, emergency supply to CGP)@ 20 paise/ unit for energy consumed during off peak hours. **Off peak hours**

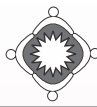


for this purpose shall be from 2 PM to 6 PM in the day and 12 Midnight to 6 AM of the next day.

- (xvi) Hostels attached to the Schools recognised and run by SC/ST Department, Government of Odisha shall get a rebate of Rs.2.40 paise 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.
- (xvii) 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 over and above normal rebate.
- (xviii) 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.
- (xix) 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.
- (xx) 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.
- (xxi) Drawal by the industries during off-peak hours upto 120% of Contract Demand without levy of any penalty has been allowed. "Off-peak hours" for the purpose of tariff shall be from **2 PM to 6 PM in the day and 12 Midnight to 6 AM of the next day**. The consumers who draw beyond their contract demand during the hours other than the off-peak hours shall not be eligible for this benefit. If the drawal during the off-peak hours exceeds 120% of the contract demand, overdrawal penalty shall be charged on the drawal 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.
- (xxii) 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.



- (xxiii) Own Your Transformer –“OYT Scheme” is intended for the existing individual LT domestic, individual/Group General Purpose consumers who would like to avail single point supply by owning their distribution transformer. In such case, the licensee would extend a special concession of 5% rebate on the total electricity bill (except electricity duty and meter rent) of the respective category apart from the normal rebate on the payment of the bill by the due date. If the payment is not made within due date, no rebate, either normal or special is admissible. The maintenance of the ‘OYT’ transformer shall be made by DISCOM Licensee (s). It is further clarified that the “OYT Scheme” is not applicable to any existing or new HT/EHT consumer.
- (xxiv) 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.
- (xxv) 4% rebate over and above normal rebate shall be allowed on the bill to the LT domestic and single phase general purpose category of consumers only over and above all the rebates, if such consumer pays the entire amount through digital mode before due date.
- (xxvi) 2% rebate shall be allowed to all pre-paid consumers on pre-paid amount.
- (xxvii) 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.
- (xxviii) 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.
- (xxix) 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 25 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).
- (xxx) 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.
- (xxxi) Charging of electric vehicle through public charging system/ station shall be covered under General Purpose (GP) category and single part tariff of Rs.5.50 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.



- (xxxii) 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.
- (xxxiii) LT Industrial (S) 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 60%.
- (xxxiv) Tariff as approved shall be applicable in addition to other charges as approved in this **Tariff order w.e.f. dated 01.04.2023.**

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 for FY 2021-22 and the corresponding approved figures for FY 2023-24 are furnished in the table below:

Proposed and Approved Loss of DISCOM Utilities

	FY 2021-22 (Actual)	FY 2022-23 Approved	FY 2022-23 Estimated by licensees	FY 2023-24 Proposed by licensees	FY 2023-24 (Approved) by the Commission
TPCODL					
Distribution Loss	23.62 %	22.93 %	22.99 %	21.19 %	21.21 %
Collection Efficiency	98.06 %	99.00 %	99.00 %	99.00 %	99.00 %
AT and C Loss	25.10 %	23.70 %	23.76 %	21.98 %	22.00 %
TPNODL					
Distribution Loss	18.40 %	18.35 %	18.35 %	16.25 %	16.25 %
Collection Efficiency	94.20 %	99.00 %	99.00 %	99.00 %	99.00 %
AT and C Loss	23.13 %	19.17 %	19.17 %	17.09 %	17.09 %
TPWODL					
Distribution Loss	21.02 %	19.60 %	18.12 %	18.11 %	18.08 %
Collection Efficiency	92.67 %	99.00 %	97.20 %	99.00 %	99.00 %
AT and C Loss	26.80 %	20.40 %	20.41 %	18.93 %	18.90 %
TPSODL					
Distribution Loss	23.93 %	25.00 %	25.00 %	24.99 %	25.00 %
Collection Efficiency	89.14 %	99.00 %	94.00 %	94.00 %	99.00 %
AT and C Loss	32.19 %	25.75 %	29.50 %	29.49 %	25.75 %
ODISHA					
Distribution Loss	21.76 %	21.25 %	22.02 %	19.58 %	19.58 %
Collection Efficiency	94.23 %	99.00 %	95.40 %	98.38 %	99.00 %
AT & C Loss	26.28 %	22.04 %	25.61 %	20.88 %	20.39 %



Approved Energy sales by DISCOMs for FY 2023-24

(In MU)

All Odisha Purchase and Sales Proposed and Approved by the Commission for FY 2023-24

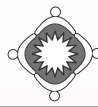
	TPCODL		TPNODL		TPWODL		TPSODL		ODISHA	
	Proposed	Approved	Proposed	Approved	Proposed	Approved	Proposed	Approved	Proposed	Approved
Purchase Sales	10999.00	11256.00	7458.90	7508.00	12800.00	13286.00	4781.27	4920.00	36039.17	36970.00
EHT	1858.00	1,858.003	2953.30	2,953.30	5045.00	5,351.54	642.00	706.95	10,498.78	10,869.79
HT	1908.00	1,946.712	685.58	685.58	2123.00	2,199.81	391.00	430.42	5,107.88	5,262.52
LT	4902.00	5,063.690	2607.76	2,649.11	3314.00	3,332.37	2552.77	2,552.77	13,376.71	13,597.95
Total Sales	8,668.00	8,868.405	6246.64	6,288.00	10482.00	10,883.71	3586.00	3,690.14	28,983.37	29,730.26

Average Cost of Supply for FY 2023-24

With approved revenue for the DISCOMs the average cost of supply for Odisha for FY 2023-24 is as follows:

Average Cost of Supply (per Unit) FY 2023-24

Expenditure	2023-24 (Approved)
Cost of Power Purchase	12189.00
Transmission Charge	887.28
SLDC Charge	5.72
Total cost of Power Purchase, Transmission and SLDC Charge (A)	13082.00
Net Employee costs	2439.16
Repair and Maintenance	928.28
Administrative and General Expenses	532.92
Provision for Bad and Doubtful Debts	169.72
Depreciation	256.29
Interest Chargeable to Revenue including Interest on S.D	471.25
Sub-Total	4797.62
Less: Expenses capitalised	98.78
Total Operation and Maintenance and Other Cost	4656.46
Return on Equity	225.08
Total Distribution Cost (B)	4881.54
Total Cost (A+B)	17963.42
Approved Saleable Units (MU)	29,730.26
Average Cost (paisa per unit)	604.22



Cross Subsidy Table for FY 2023

Year	Level of Voltage	Average cost of supply for the State as a whole (P/U)	Average Tariff P/U	Cross-Subsidy P/U	Percentage of Cross-subsidy above/below of cost of supply	Remarks
(1)	(2)	(3)	(4)	(5) = (4) - (3)	(6) = (5) / (3)	(7)
2017-18	EHT	488.26	580.45	92.19	18.88%	The tariff for HT and EHT categories have been calculated based on average tariff of that category
	HT		581.60	93.34	19.12%	
	LT		398.95	- 89.31	- 18.29%	
2018-19	EHT	489.47	576.88	87.41	17.86%	
	HT		579.18	89.71	18.33%	
	LT		398.72	- 90.76	- 18.54%	
2019-20	EHT	499.71	577.21	77.49	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%	

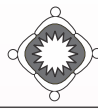
Wheeling Business

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.758.00 cr, Rs. 642.60 cr, Rs. 580.16 cr and Rs. 936.74 cr respectively. Accordingly, the wheeling charges (per unit) have been calculated for TPWODL, TPNODL, TPSODL and for TPCODL at the rate 95.53 paise/unit, 141.08 paise/unit, 137.71 paise/unit and 99.67 paise/unit respectively for FY2023-24.

A summary of the approved revenue requirement, expected revenue at the approved tariff and approved revenue gap/surplus for FY 2023-24 by the Commission is given below:

(Rs. in Cr.)

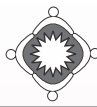
DISCOM	Revenue Requirement FY 2023-24		Expected Revenue FY 2023-24		Gap (-) / Surplus (+)	
	Proposed	Approved	Proposed	Approved	Proposed	Approved
TPWODL	5771.94	6192.72	6171.82	6251.99	399.88	59.27
TPNODL	3707.35	3556.28	3503.14	3559.02	- 204.21	2.74
TPSODL	2289.78	1988.22	1985.81	1990.77	- 303.97	2.55
TPCODL	5227.48	5205.50	5144.05	5170.68	- 83.43	- 34.82
Total	16996.55	16942.72	16804.82	16972.46	-191.73	29.74



Revenue Requirement of DISCOMs for the FY 2022-23-Retail Business

(Rs. in Cr.)

Expenditure	Ratio out of Total approval (%)	TPWODL		TPNODL		TPSODL		TPCODL		TOTAL	
		Approved total cost	Approved Retail Supply cost	Approved total cost	Approved Retail Supply cost	Approved total cost	Approved Retail Supply cost	Approved total cost	Approved Retail Supply cost	Approved total cost	Approved Retail Supply cost
Cost of power purchase	100	5207.54	5207.54	2515.18	2515.18	1033.20	1033.20	3433.08	3433.08	12,189.00	12189.00
Transmission Charges	100	318.86	318.86	180.19	180.19	118.08	118.08	270.14	270.14	887.28	887.28
SLDC Charges	100	2.06	2.06	1.16	1.16	0.76	0.76	1.74	1.74	5.72	5.72
Employee costs (After Capitalisation)	40	554.91	221.96	512.79	205.12	495.76	198.30	776.93	776.93	2,340.40	936.16
Repair & Maintenance	10	281.99	28.20	214.34	21.43	152.57	15.26	279.38	27.94	928.28	92.83
A & G Expenses	60	158.12	94.87	120.13	72.08	112.66	67.59	142.01	85.21	532.91	319.75
Bad and Doubtful debt	100	62.52	62.52	35.59	35.59	19.91	19.91	51.71	51.71	169.72	169.72
Depreciation	10	72.93	7.29	49.83	4.98	52.15	5.21	81.38	8.14	256.28	25.63
Interest on long term Loan capital	10	27.99	2.80	21.61	2.16	24.34	2.43	27.61	2.76	101.55	10.16
Interest on Working Capital Loan	90	53.87	48.48	27.02	24.32	13.66	12.30	26.28	23.65	120.84	108.75
Interest on security deposit	100	72.06	72.06	51.83	51.83	21.78	21.78	60.82	60.82	206.48	206.48
Return on equity	10	57.59	5.76	47.19	4.72	39.67	3.97	80.63	8.06	225.08	22.51
Gross Retail Supply Cost		6870.44	6072.41	3776.86	3118.76	2084.53	1498.79	5231.72	4750.18	17963.55	14973.98
Less: Miscellaneous Receipts	90	400.33	360.30	154.99	139.49	55.82	50.24	109.55	98.60	720.69	648.62
Net Retail Supply Cost		6470.11	5,712.11	3621.87	2,979.27	2028.71	1,448.55	5122.17	4651.59	17242.86	14325.36
(Special Appropriation)		-277.38		-65.59		-40.49		83.33		- 300.13	
Net Retail Supply Cost (After special Appropriation)		6192.73		3556.28		1988.22		5205.50		16942.7	



Demand Estimation:

- The SMD approved for the FY 2023-24 for DISCOMs is 6090 MVA.

DISCOMs	Approval for 2022-23	Proposal by DISCOMs for 2023-24	Proposed by GRIDCO for 2023-24	OERC Approval for 2023-24
TPCODL	1740.00	2192.47	2004.00	2190.00
TPNODL	1150.00	1500.00	1318.00	1280.00
TPWODL	1650.00	1850.00	1948.00	1860.00
TPSODL	720.00	800.00	747.00	760.00

- Out of the total estimated purchase of 38185.57 MU during FY 2023-24, GRIDCO sales 36970.0 MU to DISCOMs and 70 MU to CGPs. Balance energy of 1145.57 MU goes towards Transmission Loss on DISCOMs' purchase.

Purchase of Power by GRIDCO from different Generating Stations

Generators	PROPOSAL by GRIDCO			APPROVAL		
	Energy MU	Average Rate P/U	Total Cost Rs.in Cr.	Energy MU	Average Rate P/U	Total Cost Rs.in Cr.
HYDRO (OLD)	3635.51	94.37	345.25	3660.22	97.43	356.60
Indravati	1930.50	88.33	170.52	1942.38	86.07	167.18
Machakund	259.88	116.98	30.40	259.88	116.97	30.40
Total State Hydro	5825.89	93.75	546.17	5862.48	94.53	554.18
OPGC 1 & 2 nd Unit	2509.73	287.33	721.12	2731.66	274.04	748.57
OPGC 3 & 4 th Units	9294.69	334.27	3106.90	9294.69	331.07	3077.23
IPPs	5262.14	318.39	1675.42	5471.25	319.47	1747.90
Total State Thermal	17066.56	322.47	5503.44	17497.60	318.54	5573.70
Small Hydro	483.35	437.12	211.28	483.35	423.06	204.48
Biomass	80.00	360.00	60.80	80.00	760.00	60.80
Wind	1060.43	279.93	296.85	1060.43	279.93	296.85
Solar	2160.00	345.60	746.50	2160.00	345.60	746.49
Total RE	3783.78	347.65	1315.42	3783.78	345.85	1308.63
TOTAL STATE	26676.23	276.09	7365.04	27143.86	273.97	7436.51
CHUKHA	267.68	248.43	66.50	267.68	248.43	66.50
Tala HPS	122.20	234.82	29.69	122.20	234.82	28.69
Mangdechhu	313.04	433.43	135.68	313.30	433.43	135.79
Teesta-V	505.76	202.55	102.44	474.05	202.55	96.02
Kurichu HEP	-	-	-	3.59	227.00	0.82
Rangeet HEP	-	-	-	5.75	346.86	2.00
Total Central Hydro	1208.68	275.77	333.32	1186.57	277.96	329.82
DSTPS-I	5503.70	358.95	1975.53	5612.74	303.47	1703.31
North Karanpura	-	-	-	979.83	437.98	429.15
TSTPS - I	1974.31	355.80	702.45	1912.93	329.08	629.51



TSTPS - II	1548.52	328.94	509.37	1349.63	285.15	384.84
FSTPS -I & II	49.70	760.59	37.80	0.00	511.42	17.14
FSTPS -III	321.72	787.09	353.22	0.00	570.88	97.81
KhTPS - I	24.97	719.67	17.97	0.00	515.23	10.36
KhTPS - II	205.05	536.85	110.08	0.00	490.64	39.37
Barh-I	-	-	-	0.00	572.01	13.61
Barh-II	940.19	542.65	510.20	0.00	534.75	29.76
Muzaffarpur TPS	-	-	-	0.00	559.27	7.03
Nabinagar STPS	-	-	-	0.00	451.95	25.87
Total Central	10568.16	389.53	4116.62	9855.15	343.76	3387.76
Thermal						
Total Central Sector	11776.84	377.86	4449.94	11041.71	336.68	3717.57
PGCIL Tr. Charge	-	-	774.71	-	-	693.64
ERLDC Charges	-	-	4.09	-	-	2.71
TOTAL GRIDCO	38453.07	327.51	12593.78	38185.57	310.34	11850.44
Less: Revenue from trading of surplus power	898.66	397.31	357.05	-	-	-
Net GRIDCO	37554.41	325.84	12236.73	38185.57	310.34	11850.44

(B) OHPC Tariff

The station-wise ARR and average tariff of OHPC power stations determined for the year 2023-24 is given in the table below:

Capacity Charge and Energy Charge of OHPC Power Stations for the FY2023-24

Name of the Power Stations	Annual Fixed Fixed Cost	Capacity Charges (Rs. in Crs.)	Energy Charges (Rs. in Crs.)	Saleable Design Energy (in MU)	Energy Charges Rate (P/U)
RHEP, Rengali	70.499	35.25	35.249	519.75	67.82
UKHEP, Baraniput	63.017	31.51	31.509	823.68	38.25
BHEP, Balimela	92.340	46.17	46.170	1171.17	39.42
HHEP, Burla	92.232	46.12	46.116	660.52	69.82
CHEP, Chiplima	38.515	19.26	19.258	485.10	39.70
UIHEP, Mukhiguda	167.18	83.59	83.591	1942.38	43.04

- 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 116.972 Paise per Unit for sale of power from Machhkund Hydro Electric Station during the FY 2023-24.

**(C) OPGC Tariff**

The two-part generation tariff proposed by OPGC and approved by the Commission for FY 2023-24 are given in the table below:

Summary of Approved Generation Tariff of OPGC for FY 2023-24

Particulars	Units	OPGC Proposal	OERC Approval
Annual Fixed Cost	Rs. Crore	292.58	291.95
Variable Charges	Paisa/kWh	178.86	167.16

- The Commission has also provisionally approved for reimbursement of other charges (year-end charges) amounting to Rs. 25.05 Cr. against OPGC proposal of Rs.70.97 crore for FY 2023-24.

(D) Transmission Charges - OPTCL

- 37348 MU of energy to be transmitted through OPTCL's network in FY 2023-24 as against 29710 MU in 2022-23.
- Total revenue requirement is approved at Rs. 896.18 crore for FY 2023-24 as against Rs.831.88 crore for FY 2022-23.
- Transmission charge to use OPTCL's line and sub-stations has been kept constant at 24.00 p/u w.e.f. 01.04.2023.
- The transmission loss has been approved as 3.00% for FY 2022-23.
- The reactive energy charges has been provisionally approved @ 3 paise/kVARh for the FY 2023-24.

ARR Proposed and Approved for OPTCL for FY 2023-24 (Rs. in crore)

Sl.No.	ITEMS	Approved FY 2022-23	Proposed FY 2023-24	Approved FY 2023-24
1	Employee Cost Including Terminal Benefits	477.19	508.76	449.08
2	R & M Cost	110.50	164.34	135.00
3	A & G Cost	37.73	47.07	40.28
4	Depreciation	233.57	293.96	269.54
5	Interest on Loan	110.29	137.59	111.83
6	Interest on Working Capital	-	33.99	-
7	Return on Equity	141.67	221.24	140.42
8	Incentive for System Availability	5.00	11.91	5.00
9	GCC Expenses, statutory levies & taxes	0.35	0.35	0.35
10	Rebate	16.64	22.04	17.92
11	Income Tax	2.16	27.21	27.21
12	Annual Revenue Requirements (ARR) (1+2+...+11)	1,135.10	1,468.46	1,196.63
13	Less: Misc. Receipts (Including STOA)	303.15	366.45	300.45
14	Annual Revenue Requirement to be recovered from LTA Consumers (i.e. DISCOMs & CGPs) (12-13)	831.95	1,102.00	896.18



15	No. of Units to be handled (MU)	29,710.00	34,236.00	37,348
16	Transmission Charges (Paise/kWh)	28.00	32.19	24.00
17	Expected Revenue from LTA Customers	831.88	958.61	896.35
18	Gap: Surplus/(Deficit)	(0.07)	(143.40)	0.17

(E) SLDC 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. Rs.1244.0 lakh for SLDC to be recovered through SOC & MOC during FY 2023-24.

ARR and Annual & Monthly Charges for FY 2023-24

(Rs. Lakh)

Sl. No.	Particulars	Approved for 2023-24	
		Per annum	Per month
1	ARR of SLDC	1244.000	103.667
2	Intra-State transmission licensee to pay SOC to SLDC	99.520	8.293
3	Generating Stations & Sellers to pay SOC & MOC to SLDC (Rs. per MW calculated considering generation capacity of 6219.57 MW)	572.240 (Rs.766.720 per MW)	47.687 (Rs.9200.636 per MW)
4	Distribution Licensees & Buyers to pay SOC & MOC to SLDC	572.240	47.687
5	(i) TPCODL	174.226	14.519
	(ii) TPNODL	116.213	9.684
	(iii) TPWODL	205.647	17.138
	(iv) TPSODL	76.154	6.347

a. 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 consumer of 1MW & above as indicated in Table below shall be applicable w.e.f. 01.04.2023.



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

Name of the licensee	Cross Subsidy Surcharge (P/U)		Wheeling Charge P/U applicable to HT consumers only	Transmission Charges for Open Access Customer (applicable for HT & EHT consumers)
	EHT	HT		
TPCODL	170.03	85.12	99.67	The Open Access customer availing Open Access shall pay Rs.5760/- MW-day (Rs.240/-MWh) as transmission charges
TPNODL	149.03	33.31	141.09	
TPWODL	110.53	23.35	95.53	
TPSODL	236.53	130.78	137.71	

1. The normative transmission loss at EHT (3.0%) and normative wheeling loss for HT level (8%) are applicable for the year 2023-24.
2. Additional Surcharge: No additional surcharge over and above the Cross-Subsidy Surcharge needs to be paid to the embedded licensee.
3. The consumers availing renewable power through open access shall have to pay the transmission charge, wheeling charge and cross subsidy surcharge as applicable to consumers availing conventional power.

Exemption under Odisha renewable Energy Policy 2022:

- (1) Fifty percent (50%) of Cross-subsidy surcharge are 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.
- (2) No Cross-subsidy surcharge are payable by the Industries in the State availing Renewable power from GRIDCO (with GRIDCO acting as a demand aggregator).
- (3) 25% wheeling charge is payable by the Captive/ Open Access consumer drawing power from Renewable projects commissioned in the State during the RE Policy period for Fifteen (15) years.
- (4) 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 in case of projects commissioned before dated 31.03.2026.

6.2 ACTIVITIES OF ENGINEERING DIVISION:

A. Major Activities of Engineering Section (FY 2022-23)

This Division has provided vital technical input for grant, revocation, 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 Distribution System are measured in term 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. This Division also looks into general complaints of technical nature affecting large areas / industrial / group of consumers.

1. **Publication of Annual Guaranteed and Overall Performance Report**

The Annual Guaranteed and Overall Performance report for the year 2021-22 were submitted by the DISCOMs. The consolidated Annual Guaranteed Performance report was published in the OERC website and Overall Performance report was published in daily newspapers and also in the OERC website. The Overall Standards of Performance of DISCOMs, as reported and furnished through affidavit for the year 2021-22 is placed as ANNEXURE-A.

2. **Monitoring R&M and CAPEX**

Continuous up-gradation and regular repairs and maintenance are required to keep the network 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 installation of new transmission projects, augmentation of existing one, 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 equipments, reduce downtime and provide quality 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 and also to avoid the situation of overloading/under loading.

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

- OPTCL and DISCOMs need to work together to plan new Grid Sub-stations (GSS) & Primary Sub-stations (PSS).
- Details of unutilized 33 kV feeders at different Grid Sub-stations (220/33 kV or 132/33 kV or 220/132/33 kV) to be shared with DISCOMs for immediate utilization of these feeders.
- 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.



- OPTCL should practice Condition Based Maintenance (CBM)/ Reliability Centered Maintenance (RCM) to assess the condition of sub-station equipment/material and transmission line material to prevent premature failure and keep the assets in healthy condition resulting in reduced downtime & increased availability of transmission system.
- The patrolling of transmission towers/lines should be carried out on regular basis, particularly in theft prone areas and before monsoon and cyclone/storm season. Trimming of trees should be carried out on regular basis to prevent transient faults. If required drone technology may be used for such patrolling.
- OPTCL should have asset mapping of its existing transmission assets & new projects for efficient monitoring and healthy operation of its system.
- To avoid time and cost overrun due to delay in project execution, concerned departments may be approached for RoW and forest clearance issues.
- Steps to be taken for development of cyclone resilient transmission infrastructure.
- To take utmost care during planning of transmission system to avoid stranded assets.
- To submit comprehensive system study alongwith requirements as specified in the licence conditions and tariff regulations for approval of the Commission before proceeding for execution of the project.
- To conduct regular training programmes to update/ enhance the knowledge and skill of the employees.
- Integrated ERP system
- Upgrading of ACSR conductors to HTLS conductor
- Implementation of SCADA/EMS package and substation Automation scheme (SAS).
- Provision of RTU and OPGW.
- Underground cables & Digitisation of Bays.
- Introduction of automation in existing sub-stations, laying of Fiber optics cable & underground EHV cables, provision of digital tele-protection coupler in all 220 KV lines etc.
- Implementation of SAMAST (Scheduling, Accounting, Metering and settlement of Transaction in electricity) recommendations.

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 for receiving power from those and accordingly build their downstream distribution lines for evacuation of power. OPTCL should discuss with the DISCOMs before submission of 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 inter linking 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 System. Further, OPTCL should have a proper, monitoring and execution mechanism in place and regularly monitor the progress of all its on-going projects to avoid in-ordinate delay. Projects approved by the Commission should be completed within the time schedule to avoid cost and time over-run.

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

OPTCL needs to ensure avoidance of under loading of lines and substations to minimize system losses. OPTCL must ensure thorough system studies so that no under loaded projects are taken up due to its economic un-viability. The proper system study should be conducted before proceeding for 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 back bone of 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 audit are due to non-availability of meters. The DISCOMs have been directed to carry out Energy Audit on 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 upto consumer
- (iii) Energy Audit from DTR to the consumer
- (iv) Energy Audit from 33 kV to 11 kV, DTR and upto 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 for installation of pre-paid meters which would facilitate timely revenue realization of the distribution business. Adoption of pre-paid smart meters to also reduce the AT&C loss and the gap of ACS-ARR to ease 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. As reported, a large nos. of consumers in State are availing power supply either through defective meter or without any meter. Due to procurement of around 31 lakh meters by the licensees under different govt. schemes / own procurement, the Commission has directed to install the meters in the following priority to achieve optimum results. 28

- (a) New supply connection
- (b) Consumer without meter
- (c) Consumer with defective meter and
- (d) Consumer with electro-mechanical 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 interface 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 has asked to take necessary steps for provision of smart meters in distribution transformers.

8. Implementation of a common consumer indexing

Consumer indexing is the basis of conducting Energy Audit in 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 follows:

- (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 DISCOM 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 2022-23:

a) Publication of System Performance during FY 2021-22 of OPTCL:

The annual system performance of OPTCL for the year 2021-22 was submitted by SLDC, OPTCL on 17.08.2022 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 11.11.2022 for publication.

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

- i) The annual peak demand of OPTCL was 5645 MW during FY 2021-22 is about 597MW more as compared to 5048 MW experienced during the FY 2020-21.



- ii) GRIDCO had drawn 19533.72MU from the State sector and 14013.85MU from the Central sector and 5920.69MU as banking, deviation and IEX power export during FY 2021-22, whereas it had drawn 23098.84 MU, 8702.92 MU and 6354.09 MU from State, Central sector and as banking, deviation and IEX power export respectively during FY 2020-21.
- iii) During this period, OPTCL made addition of 276.792 Ckt km of 220 kV lines and 615.098 Ckt km of 132 kV lines. As on 01.04.2022, OPTCL is having total 1196.872 ckt. km of 400 kV lines, 6499.154 ckt. km of 220 kV lines and 8011.428 ckt km of 132 kV lines. There was capacity addition of 1 no. of 400 kV S/s, 5 nos. of 220 kV S/s, 7 nos. of 132/33 kV S/s and 1 no of LILO switching stations for Industries. As on 01.04.2022, OPTCL is having 5 nos. of 400 kV S/s, 41 nos. of 220 kV S/s and 131 nos of 132 kV S/s (including switching stations and switching stations for industries) totaling to 177 S/s in the transmission system.
- iv) During FY 2021-22, 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 black out experienced in the state during the FY 2021-22. The Commission has directed OPTCL to ensure avoidance of under loading of lines and substation to minimize system losses and should conduct comprehensive system study before proceeding for any network expansion plan.
- b) Other important tasks carried out by the Engineering Division during 2022-23 include:**
- i. Approval of Capex Proposals of DISCOMs for FY 2022-23 totaling to Rs 1479.64 Cr (Rs 380.56 Cr for TPCODL, Rs 326.54 Cr for TPNODL, Rs 294.82 Cr for TPSODL and Rs 477.72 Cr for TPWODL).
 - ii. Framing of OERC (Development of Intra-State Transmission Projects through Tariff Based Competitive Bidding in the State of Odisha) Order, 2022 dt 15.10.2022. Also developed Discussion paper on Development of Intra-State Transmission Projects through Tariff Based Competitive Bidding in the State of Odisha.
 - iii. Framing of amendment to the Order on Net Metering/ Bi-Directional Metering & their Connectivity with respect to Solar PV Projects 2016 (as amended upto 17.01.2018) dt 05.05.2022 as regards to Net metering, Gross metering, Group net metering and Virtual net metering.
 - iv. Orders in relation to OERC distribution (Conditions of Supply) Code, 2019
 - v. Annual System Performance of OPTCL.
 - vi. Business Plan and Transmission Plan of OPTCL for the State of Odisha.
 - vii. CEA, CERC, FOR, Assembly Questions, Parliament Questions.
 - viii. General Consumer Complaints.



- ix. Metering/Smart Metering and AMI for DISCOMs.
- x. Monitoring of License Fees.
- xi. Matters related to system operation and implementation of Odisha Grid Code.
- xii. Energy Conservation and DSM.
- xiii. Issues related to roof top solar installation, Operation of franchisees in DISCOMs.
- xiv. Investment approval of the licensees.

B. Major Activities of IT section (FY 2022-23)

1. Setting up a Comprehensive Video Conferencing Platform for day-to-day functioning of the Commission

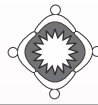
Hearings and meetings with the stakeholders in the power sector is currently being carried out through Hybrid mode. The consumers, the representatives from GoO, officers of the licensees, the lawyers and others could participate in the hearings and meetings conducted by the Commission, either virtually 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.

It is pertinent to mention here that the tariff hearings in February 2023 were conducted in the headquarters of the Discoms in a hybrid video conferencing mode. The public and the opposite parties participated in-person in the conference hall where the tariff hearing took place. As the tariff hearing was also transmitted through the video conferencing platform, the other participants sitting in their homes / offices at different places in the state and country could participate from there. This platform required HD Video Camera and Conference Phone, in addition to the high-bandwidth internet and Google Meet platform.

2. New Website of OERC

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

- (i) **Web technology & Security up gradation** - The website was modified and designed using the CMS (Content Management System). CMS 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 was designed in such a way that it could be able to support the entire basic platform and accommodate any devices like desktop, laptop, tablet and mobile. The website 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.

3. Procurement of IT Equipments and Services

- (a) Two laptops, 13 desktops, antivirus for 60 users, UTM and MS Office 2021 for 50 users were procured for a total cost of Rs. 14.14 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.

4. 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.

5. 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 12 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 twelve no. of GRFs in Odisha.

6. 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

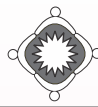


ODISHA ELECTRICITY REGULATORY COMMISSION

PERFORMANCE OF ELECTRICITY DISTRIBUTION COMPANIES IN ODISHA DURING THE FY 2021-22 (AS REPORTED AND FURNISHED THROUGH AN AFFIDAVIT)

ACHIEVEMENT ON OVERALL STANDARDS OF PERFORMANCE:

LICENSEES	Period	TPCODL	TPNODL	TPWODL	TPSODL
		For the year 2021-22	For the year 2021-22	For the year 2021-22	For the year 2021-22
Achievement in % of the licensees in the following service area	Minimum % target fixed by the Commission				
Rectification of fuse-off call within 6 hrs. of receiving the complaint in urban areas	90	95.00	100.00	100.00	100.00
Rectification of fuse-off call within 24 hrs. of receiving the complaint in rural areas	90	93.00	100.00	100.00	100.00
Restoration of line break-down within 12 hrs. of receiving the complaint in urban areas	95	99.94	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	100.00	100.00
Replacement of Distribution Transformer within 48 hrs. of receiving the complaint in rural areas	95	95.98	100.00	100.00	100.00
Completing the work within 12 hrs. of the scheduled outage before 5 PM/ 6 PM	90	100.00	–	–	–
No. of hourly measurement 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 fixed under I.E. Rules, 1956					
EHT	–	–	–	–	
HT	–	–	–	–	
LT	–	–	–	–	
Rectification of Street light fault within 6 hrs. of receiving the complaint	90	–	–	90	100.00
No. of faulty bills prepared as a percentage of total no. of bills issued	0.1	0.46	0.40	0.10	0.10



No. of faulty/ defective meters as a percentage of total no. of existing meters	5	1.42	14	5	8
Total no. of interruption each lasting more than 5 minutes faced by 1 KW connected load (SAIFI)(Nos.)		378	680	600	234
Total no. of interruption each lasting less than 5 minutes faced by 1 KW connected load (MAIFI)(Nos.)		85	209	66	-
Total duration of interruption in minutes each 1 KW connected load (SAIDI)(Minutes)		9304	27331	25441	9337
No. of accident cases		20-21 21-22	20-21 21-22	20-21 21-22	20-21 21-22
Fatal Human		33 49	36 03	14 02	35 37
Fatal Animal		09 32	05 09	10 53	11 09
Non-fatal Human		57 55	11 11	11 16	18 30
Non-fatal Animal		00 00	00 00	08 00	00 00

Note:

- The information on Guaranteed Standards of Performance is available in the OERC website: www.orierc.org and in 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.tpwwesternodisha.com for TPWODL.
- The aforesaid information are based on the data furnished by the Distribution Licensees submitted through affidavit.

Issued by OERC in Public interest.

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/ATE (During FY 2022-23)

During the year 2022-23 the Commission had received notices in 34 no. of cases from the Hon'ble High Court of Orissa, Cuttack. The Commission also received notices in 21 no. of appeals from the Appellate Tribunal for Electricity (ATE), New Delhi and two 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 Naphede, Sr. Counsel in Supreme Court of India/ Appellate Tribunal for Electricity, New Delhi as its

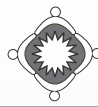


Legal Counsels and Shri Biswajit Mohapatra, Advocate and Shri S.P.Mishra, Sr. advocate, Shri P.P. Mohanty, Advocate, Shri S.Styakam, Advocate, Shri Abhisek Dash, Advocate & Shri Amit Pattnaik, Advocate as its Legal Counsel to represent the cases on behalf of the Commission before the Hon'ble High Court of Orissa in case to case basis.

2. Status of 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	21stMay, 2004	28thMay, 2004
2.	OERC (Grievances Redressal Forum and Ombudsman) Regulations, 2004	5thApril, 2004	17thMay, 2004
3.	OERC (Procedure for filing appeal before the Appellate Authority) Regulations, 2004	21stMay, 2004	28thMay, 2004
4.	OERC (State Advisory Committee) Regulations, 2004	21stMay, 2004	28thMay, 2004
5.	OERC (Conductof Business) Regulations, 2004	21stMay, 2004	28thMay, 2004
6.	OERC (Intra-State ABT) Regulations, 2007	17thDec., 2007	14thFeb., 2008
7.	OERC(Fees and Charges of State Load Despatch Centre and other related matters) Regulation, 2010	6th June, 2010	18thNovember, 2010
8.	OERC (Demand Side Management) Regulation,2011	20thAug,2011	16th Nov., 2011
9.	OERC (Terms and Conditions for Determination of Transmission Tariff) Regulations, 2014	21st Oct,2014	4th Dec.2014
10.	Odisha Grid Code (OGC) Regulations, 2015	11thAug., 2015	21stDec., 2015
11.	Odisha Electricity Regulatory Commission (Mini-Grid Renewable Energy Generation and Supply) Regulations, 2019	10th June,2019	29thJuly, 2019
12.	Odisha Electricity Regulatory Commission Distribution (Conditions of Supply) Code, 2019	27th Aug,2019	11th Oct 2019
13.	OERC (Terms and Conditions for Determination of Generation Tariff) Regulations, 2020	15th July,2020	26th Aug, 2020
14.	OERC (Compensationto Victims of Electrical Accidents) Regulations, 2020	30th May,2020	14th Aug, 2020
15.	OERC (Terms and Conditions of Intra-State Open Access) Regulations, 2020	02ndNov, 2020	18 Nov, 2020



16.	OERC (Procurement of Energy from Renewable Sources and its Compliance) Regulations, 2021	17thJan, 2022	15th Feb, 2022
17.	OERC (Terms and Conditions for Determination of WheelingTariff and Retail Supply Tariff) Regulations, 2022	20th Dec,2022	23rd Dec,2022

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

3. Proceedings before the Commission

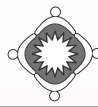
The Regulatory Affairs Division examines and scrutinizes petitions/ replies/ objections filed before the Commission.

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

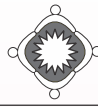
101 no. of Cases were registered and 117 no. of Cases were disposed of by the OERC during the period from 01.04.2022 to 31.03.2023 including 10 nos. of cases of Tariff matters for FY 2023-24.

Important Orders passed during 1stApril, 2022 to 31stMarch, 2023

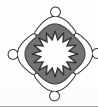
CASE NUMBER	FINAL HEARING DATE	PETITIONER	SUBJECT
77/2007	14/DEC/2022	TATA SPONGE IRON LTD	Challenging the inaction of OPTCL in refunding excess supervision charges
34/2019	12/APR/2022	TATA STEEL LIMITED	Application under S. 142&146 of the Electricity Act, 2003 for Non-Compliance of the order dated 28.02.2019 passed in C.R.Case No. 42 of 2018 of the Ombudsman-II.
35/2019	12/APR/2022	TATA STEEL LIMITED	Application under S. 142 & 146 of the Electricity Act, 2003 for Non-Compliance of the order dated 28.02.2019 passed in C.R.Case No. 26 of 2018 of the Ombudsman-II
49/2019	29/SEP/2022	JINDAL STAINLESS LTD.	Application under Ss. 142& 146 of the Electricity Act, 2003 for Non-Compliance of the order dated 27.01.2016 of the Commission passed in Case No.28 of 2015
62/2019	08/FEB/2023	GRIDCO	Application under S.142 of the EA, 2003 for non-compliance of order dated 27.01.2016 of the OERC passed in Case No. 21 of 2015
09/2020	23/MAY/2022	JINDAL STAINLESS LTD.	Application under S. 86(1)(f) of the EA, 2003 read with Rules and Regulations made thereunder seeking direction to GRIDCO Ltd. for payment of out-standing dues and delayed payment surcharge thereon.



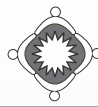
88/2020	06/JAN/2023	BAITARINI POWER PROJECT PVT. LTD.	Application as per para 10 of the order dated 16.02.2019 of OERC passed in Case No.46 of 2018 for approval of project specific tariff for 24MW (3X8 MW) SHEP situated on river Baitarani for the third control period 2018-19 to 2020-21.
65/2021	05/SEP/2022	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 for review of order dated 26.03.2021 passed in Case No.70 2020 regarding ARR and Generation Tariff for FY 2021-22.
67/2021	27/DEC/2022	KAMADHENU AGRO BASED IND. (P) LTD	Application under Section 142 of the Electricity Act, 2003 for non-compliance of order dated 24.05.2019 of the Ombudsman-II passed in C.R.Case No.04 of 2019.
69/2021	28/ APR/2022	FALCON MARINE EXPORTS LTD.	Application under Sections 142 of the Electricity Act,2003 for non-compliance of order dated 29.05.2020 of the GRF Bhubaneswar passed in Case No. 126 2020 and Order dated 29.10.2020 of the Ombudsman-I passed in C.R. Case No.51 of 2020.
71/2021	27/ APR/2022	AYUSH JASORIA	Application under Sections 142 & 146 of the Electricity Act,2003 for non compliance of order dated 30.09.2020 of the GRF-Balasore passed in C.C.Case No. 268/2020 and Order dated 23.12.2020 of the Ombudsman-II passed in C.R. Case No.21 of 2020.
78/2021	13/JUN/2022	ORISSA HYDRO POWER CORPN.	Application for approval of Capital Maintenance of Unit 1 & 2 of CHEP, Chiplima and the capital civil works of different power stations of OHPC for the FY 2021-22 as per para 12(1)(g) of the OERC (Terms and Conditions for Determination of Generation Tariff) Regulations,2020 and in compliance to Para 15 of the Order passed in Case No.52 of 2019 by the Commission.
80/2021	12/MAY/2022	DALMIA CEMENT (BHARAT) LTD.	Seeking direction of the Commission to the STC for On-Grid Solar and Hybrid Power Projects of 1MW and above capacity and the concerned licensees, including TPCODL to permit the installation and operation of the 14.6 MW Solar PV Plant under order dated



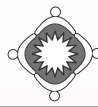
			19.08.16 as amended up to 17.01.18 for NET Metering/ Bi-directional Metering w.r.t Solar PV Project.
85/2021	10/JUN/2022	SAIL	Seeking direction to M/s. OREDA regarding exemption from all Renewable Purchase obligations since the date of Notification of the above Regulations, 2015 till date and also to declare that the RPO is concerned shall not applicable to the Captive Power Plants which are Co-generation units.
86/2021	19/JUL/2022	GRIDCO	Application under Sections 23, 24, 142 & 146 of the Electricity Act, 2003 for violation of Electricity supply Code, Regulations, tariff orders and other applicable provisions under said the Act, 2003.
91/2021	02/MAY/2022	PAWAN KUMAR AGARWAL & JADUMANI GIRI	Application under Section 142 of the Electricity Act, 2003 for non-compliance of order dated 30.03.2021 of the Ombudsman-II passed in C.R. Case No.12 of 2021.
94/2021	26/MAY/2022	SATYAM CASTING PVT. LTD.	Application under Regulation 139 of the OERC Distribution (Conditions of Supply) Code, 2019 proposing Special agreement with steel industries (Standalone Induction Furnace Units) having connectivity at 33KV levels with contract demand more than 1MW and above.
96/2021	07/JAN/2023	ORISSA POWER GENERATION CORPORATION	Application under Section 62 (1) (a) of the Electricity Act, 2003 read with the provisions of CERC (Terms and Conditions of Tariff) Regulations, 2009 for approval of Capital cost and Tariff determination for Units 3 & 4(2 X 660MW) from COD of Unit # 3 (03.07.2019) up to FY 2023 -24
97/2021	02/MAY/2022	SUBASH CHANDRA ACHRYA	Application under Section 142 of the Electricity Act, 2003 for non-compliance of order dated 18.08.2021 of the Ombudsman-I passed in C.R. Case No.111 of 2021.
100/2021	07/MAY/2022	AVANTIKA POWER PROJECTS PVT. LTD.	Application under Section 86(1)(f) of the Electricity Act, 2003 read with other applicable provisions of Law seeking adjudication of a dispute arising from the power purchase agreement executed with GRIDCO Ltd.



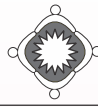
101/2021	08/JUL/2022	TPWODL	Application for approval of CAPEX Plan for the FY 2022-23 in compliance to the directions of the Commission vide para 39 of the vesting order dated 28.12.2020 passed in Case No.82 of 2020
119/2021	12/JUL/2022	OPTCL	TRUING UP EXERCISE FOR FY 2020-21
122/2021	22/DEC/2022	TPCODL	Application under Regulations,154,199 and 204 of the OERC Distribution (Condition of Supply) Code,2019 for approval of One Time settlement(OTS) Scheme for waiver of long outstanding Government Arrears (including public Sector Undertakings, Autonomous Organizations, Local Bodies (ULBs & PRIs)
126/2021	31/MAY/2022	DALMIA CEMENT (BHARAT) LTD.	Application under Sections 142 , of the EA,2003 for non-compliance of order dated 27.11.2009 of the Ombudsman-II passed in C.R.Case No.23 of 2009 and order dated 26.08.2010 of OERC passed in Case No.139 of 2009 as merged with the common order dated 05.08.2011 of the Hon'ble APTEL passed in Appeal Nos. 171 & 187 of 2010
127/2021	12/ APR/2022	DHRUTI CONSTRUCTION & DEVELOPMENT PRIVATE LTD.	Application under Section 142 of the Electricity Act,2003 for non-compliance of order dated 02.08.2021 of the GRF, Bhubaneswar passed in C.C.Case No.184 of 2021 and order dated 12.11.2021 of the Ombudsman-I passed in C.R.Case No.168 of 2021.
03/2022	23/MAY/2022	JINDAL STEEL & POWER LTD.	Application under 86(1)(f) of the Electricity Act, 2003 for revision of Short Term Open Access Schedule reflecting in the website of SLDC and the corresponding energy accounting for the month of November, 2021consequent upon which apprehending a huge amount of energy bill may be charged by GRIDCO Ltd.
04/2022	07/MAY/2022	GRIDCO	Application under 86(1)(b) of the EA, 2003 read with Section 21(4)(b) of the OER Act, 1995 and other enabling provisions seeking approval of Power Purchase Agreement (PPA) executed between GRIDCO Ltd. and NTPC Ltd. and GRIDCO on dated 11.08.2006 for purchase of power from 1,980 MW North Karanpura Super Thermal Power Station (NKSTPS), Jharkhand in the Eastern Region.



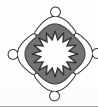
05/2022	11/MAY/2022	HINDALCO INDUSTRIES LTD.	Application petition under Regulation 12.6 & 12.7. of the OERC (Procurement of Energy from Renewable Sources and its Compliance) Regulations,2015 read with OERC Notification No. OERC/RA RE-5/2013 dated 31.12.2019 seeking permission to utilize surplus solar REC and solar power generation to comply with current and future obligation for purchasing non-solar REC for fulfillment of the total RPO.
06/2022	14/SEP/2022	GRIDCO	Application under Section 94 (1) (f) of the EA, 2003 read with Regulations 70 & 76 of the OERC (Conduct of Business) Regulations, 2004 for recall/ Modification/ Review of the observations/ directions contained in Para 12 and 15 (i) of the Order dated 25.01.2022 passed in Case No.02 of 2022 and for directions to Vedanta Ltd. to forthwith comply with the order dated 05.10.2021 in Case No.34 of 2018.
07/2022	05/NOV/2022	BIJAYANANDA SAHOO	Application under Section 142 of the Electricity Act,2003 for non-compliance of order dated 13.04.2021 of the GRF, Cuttack passed in C.C.Case No.213 of 2021 and order dated 17.08.2021 of the Ombudsman-I passed in C.R.Case No.118 of 2021.
08/2022	07/DEC/2022	VEDANTA LIMITED	Application under Section 33(4) read with S. 86(1)(f) &(k)of the Electricity Act, 2003 for quashing of emails dated 01.01.2022 & 03.01.2022 issued by TPWODL and letter dated 07.01.2022 issued by GRIDCO Ltd. and email dated 25.01.2022 and a direction to SLDC to accept the energy accounting Schedule as submitted by the petitioner.
09/2022	21/JUN/2022	RAJENDRA KUMAR SAHU	Application under Section 142 of the Electricity Act,2003 for non-compliance of order dated 02.11.2021 of the Ombudsman-II passed in C.R.Case No.42 of 2021.
10/2022	25/AUG/2022	JINDAL STEEL & POWER LTD.	Application under Regulation 12.6 & 12.7. of the OERC (Procurement of Energy from Renewable Sources and its Compliance) Regulations,2015 seeking direction to M/s. OREDA regarding relaxation/ exemption from the applicability of RPO and compliance thereof taking into consideration of



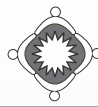
			generation power from the Co-generation power plants at JSPL, Angul as Cogeneration Power Plants.
11/2022	08/AUG/2022	ORISSA HYDRO POWER CORPN.	Application under Section 94(1)(f) of the Electricity Act, 2003 read with Regulation 70(1) of the OERC (Conduct of Business) Regulations, 2004 for review of order dated 03.11.2021 of the Commission passed in Case No.55 of 2020 regarding approval of true up of ARR and tariff of individual power stations of OHPC from FR 1996-97 to 2015-16.
12/2022	13/SEP/2022	GRIDCO	Application for true up of expenses for FY 2020-21 under Section 86(1)(a) & (b) and all other applicable provisions of the Electricity Act, 2003 read with relevant provisions of OERC (Conduct of Business) Regulations, 2004 and other related rules and regulations.
13/2022	14/JUL/2022	TPSODL	Application for approval of CAPEX Plan for the FY 2022-23 in compliance to the directions of the Commission vide para 43 of the vesting order dated 28.12.2020 passed in Case No.83 of 2020.
14/2022	19/JUL/2022	TPCODL	Application for approval of CAPEX Plan for the FY 2022-23 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.
15/2022	14/JUL/2022	TPNODL	Application for approval of CAPEX Plan for the FY 2022-23 in compliance to the directions of the Commission vide para 39 of the vesting order dated 25.03.2021 passed in Case No.09 of 2021.
16/2022	11/OCT/2022	JINDAL STAINLESS LTD.	Application under Section 94(1)(f) of the Electricity Act, 2003 read with Regulation 70(1) of the OERC (Conduct of Business) Regulations, 2004 for review of order dated 13.01.2022 of the Commission passed in Case Nos.12 & 14 of 2015 regarding the order passed by the OERC after on remand by the Hon'ble APTEL in Appeal No.186 of 2020.
17/2022	10/OCT/2022	GRIDCO	Application under Sections 142 & 146 of the Electricity Act, 2003 for non compliance of order dated 19.02.2022 of the Commission passed in Case No.02 of 2022.



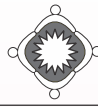
18/2022	30/SEP/2022	OPTCL	Application under Section 86(k) of the Electricity Act, 2003 read with relevant provisions of OERC (Conduct of Business) Regulations, 2004 and OERC Open Access Regulations, 2020 regarding Intra-State Transmission Charges @ 20% for the beneficiaries sourcing power from RE Sources(except Bio-Mass & Co-generation) involving OPTCL's transmission network.
19/2022	06/JUL/2022	NAVA BHARAT VENTURES LTD.	For fixation of tariff (ECR) for procurement of power by GRIDCO from 60MW Thermal Power Plant (IPP) at Kharagaprasad, Dhenkanal.
20/2022	18/OCT/2022	RAAJRATAN ENERGY HOLDINGS PVT. LTD.	Application under Section 86 (1) (f), (e) and 142 of the EA, 2003 against the wrongful deduction of rebate in the monthly energy bills of M/s. Raajratna Energy Holdings Private Ltd. for supply of power from its 1MW Solar PV project in contravention of order passed in Case No. 32 of 2021 along with the provisions of the Power Purchase Agreement dated 21.08.2010 executed between them.
21/2022	19/JUL/2022	GRIDCO	Seeking approval of Power Purchase Agreement(PPA) executed between GRIDCO Ltd. and NTPC Ltd. and GRIDCO on dated 27.12.2010 for purchase of power from 500 MW Farakkah Super Thermal Power Station (FSTPS), Stage-III, West Bengal in the Eastern Region.
22/2022	19/JUL/2022	GRIDCO	Seeking approval of Power Purchase Agreement (PPA) executed between GRIDCO Ltd. and NTPC Ltd. and GRIDCO on dated 11.08.2006 for purchase of power from 1,500 MW Kahalgaon Super Thermal Power Station (KhSTPS), Stage-II, Bihar in the Eastern Region.
23/2022	31/MAY/2022	MAHARAJA MINERALS (P) LTD	Application under Section 142 of the Electricity Act, 2003 for non-compliance of order dated 18.12.2020 of the GRF, Jajpur Road, TPNODL passed in C.C.Case No.26 of 2020 and Order dated 23.12.2021 of the OERC passed in Case No.83 of 2021.
24/2022	13/JUL/2022	NALCO	Application for seeking direction of the Commission to allow carry forward of the yearly RPO based on OERC's Notification dated 31.12.2019 and order dated 02.11.2020 of the Hon'ble APTEL



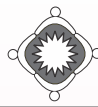
			passed in Appeal Nos.260 , 261,223& 292 of 2016.
25/2022	23/MAY/2022	GRIDCO, TPNODL, TPWODL, TPSODL & TPCODL	Application for revisit of concessional tariff of Rs.4.30/kVAh for additional consumption beyond 80% of CD as per BSP order dated 24.03.2022 in Case No.107 of 2021 vide para 370 and RST order for FY 2022-23 vide para(viii) of ANNEXURE-B of approval thereof.
26/2022	31/MAY/2022	MAA AGNIGANGAMA STONE CRUSHER	Application under Sections 142, 146 & 149 of the Electricity Act,2003 for non compliance of order dated 02.05.2022 of the Ombudsman-II passed in C.R.Case No.04 of 2022 arising out of order dated23.11.2021 of the GRF, Jeypore passed in C.C.Case No.483/2021.
27/2022	02/AUG/2022	GRIDCO	Application under 86(1)(b) of the Electricity Act, 2003 read with Section 21 (4) (b) & 21 (5) of the OER Act, 1995 seeking approval of Power Purchase Agreement (PPA) executed between GRIDCO Ltd. and NTPC Ltd. dated 27.12.2010 for purchase of power from Talcher Expansion Project (2X 660 MW) of NTPC Station.
28/2022	18/OCT/2022	S.N.MOHANTY	Application under Section 142 of the Electricity Act, 2003 for non-compliance of order dated 29.10.2021 of the Commission passed in Case No.32 of 2021.
29/2022	12/AUG/2022	ARATI STEELS LTD.	Review of order dated 15.01.2022 of OERC passed In Case No. 47of 2021 for determination of Captive Status of Power Plants of (50MW & 40MW) of the petitioner and imposition of cross subsidy surcharge on it for FY 2011-12
30/2022	26/JUL/2022	GRIDCO	Seeking for prior approval of PPA to be executed between GRIDCO and Konark Suryanagari Pvt. Ltd. towards procurement of 10MW Grid-connected Solar power under MNRE, Govt. of India Scheme for ? Installation of Grid connected Solar Project & various off grid applications for 100% Solarization of Konark Sun Temple and Konark town? towards fulfilling of RPO of the applicant.
31/2022	30/SEP/2022	ORISSA HYDRO POWER CORPN.	Application under Section 94(1) of the Electricity Act, 2003 read with



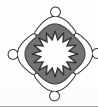
			Regulation 70(1) of OERC (Conduct of Business) Regulations, 2004 and the provisions of Order 47 Rule-1 of the Civil Procedure Code, 1908 for review of order dated 24.03.2022 of OERC passed in Case No. 103 of 2021 regarding ARR & Generation Tariff of OHPC Power stations for FY 2022-23.
32/2022	23/SEP/2022	AUROBINDO YOGA NIKETAN	Application under Section 142 of the Electricity Act, 2003 for non-compliance of order dated 24.05.2022 of the Ombudsman-II passed in C.R.Case No.N 07 of 2022.
33/2022	05/AUG/2022	RABINDRA KUMAR SAHU	Application under Section 142 of the Electricity Act, 2003 for non-compliance of order dated 11.05.2022 of the GRF, Berhampur passed in C.C.Case No.117 of 2022.
34/2022	18/OCT/2022	TPCODL	Application under Clause 9.4 of the OERC ("Terms and Conditions for Determination of Wheeling and Retail Supply Tariff") Regulations, 2014 seeking for approval for maintaining Inventory of material for meeting the urgency in cyclone ("Cyclone Inventory") over and above the Inventory permitted under the Tariff Regulations.
35/2022	23/FEB/2023	CHANDRASEKHAR MISHRA	Application for seeking direction of the Commission to the Department of Energy, Govt. of Odisha, GRIDCO Ltd, DISCOMs of Odisha & OREDA for preparing a Standard Operating Procedure (SoP) as well as streamlining process and procedure for Solar Net metering, flawless Solar billing, quick disbursement of subsidy for roof-top Solar projects to be adopted anywhere in Odisha with hassle-free procedure.
36/2022	16/JAN/2023	OPTCL	Seeking direction of the Commission to M/s. Bharat Electronics Ltd. for payment of open access charges.
37/2022	13/SEP/2022	GRIDCO	Application under Section 86(1)(b)& (e) of the Electricity Act, 2003 read with Section 21 of the OER Act, 1995 and other enabling provisions seeking for prior approval of Power Sale Agreement(PSA) to be executed between GRIDCO Ltd. and M/s. NTPC Ltd. towards procurement of 200MW Solar power through the ISTS-connected Solar



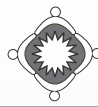
			projects towards fulfilling of the Renewable Purchase Obligations.
38/2022	30/DEC/2022	GRIDCO	Application under Section 86(1)(b) of the Electricity Act, 2003 read with Section 11(1)(e) & 21(4)(b) of the OER Act, 1995 seeking for approval towards Purchase of power from 1000MW Talcher Super Thermal Power Station(TSTPS), Stage-1 for a period of 10years beyond the expiry of the plant life, i.e.30.06.2022 in accordance with MoP, GoI Notification dated 22.03.2021.
39/2022	05/NOV/2022	GRIDCO	Application under Section 86 (1) (b) of the EA, 2003 read with Section 21 of the OER Act, 1995 and other enabling provisions seeking for In-principle approval towards procurement of State Entitlement of 800 MW of power i.e. 400 MW (Ph-I) and 400 MW (Ph-II) from 3200 MW 94 X 800 MW) Thermal Power Project of M/s.NLC India Ltd. (NLCIL) at Talabira, in the district of Jharsuguda, Odisha.
40/2022	29/SEP/2022	JENA FLYASH BRICKS	Application under Section 142 of the Electricity Act, 2003 for non-compliance of order dated 09.02.2022 of the GRF, Khurdha passed in C.C.Case No.445 of 2022 and order dated 25.04.2022 of the Ombudsman-I passed in C.R.Case No.75 of 2022.
41/2022	19/JAN/2023	TPWODL, TPCODL, TPNODL, TPSODL & GRIDCO	Determination of tariff from Pump Connected Solar Projects set up under Component C of Pradhan mantri Kisan Urja Suraksha evam Uthan Mahabhiyan ("Kusum C") under Pump Level solarisation and for approval of PPA signed with the farmers for purchase of power by the DISCOMs from such solar Projects.
42/2022	17/DEC/2022	NATABAR SAHOO	Application under Section 142 of the Electricity Act,2003 for non-compliance of order dated 23.06.2022 of the Ombudsman-II passed in C.R.Case No.14 of 2022.
43/2022	15/OCT/2022	GRIDCO	Seeking prior approval of Power Sale Agreement (PSA) to be executed between GRIDCO Ltd. and Solar Energy Corporation of India Ltd.(SECI) for procurement of 10 MW Wind Power under ISTS- Connected Wind Power



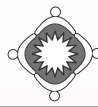
			Projects Scheme Tranche-XI towards fulfilling the Renewable Purchase Obligation.
44/2022	31/OCT/2022	KONARK CERAMICS (P) LTD.	Application under Section 142 of the Electricity Act,2003 for non-compliance of order dated 29.10.2020 of the GRF, Cuttack passed in C.C.Case No.403 2020,Order of the Ombudsman-I passed in C.R.Case No.104 of 2020 and also order dated 30.06.2021 of the OERC passed in Case no.26 of 2021.
45/2022	30/DEC/2022	GRIDCO	Seeking approval of PSA executed between GRIDCO Ltd. and NVVN Ltd. on dated 12.01.2011 for procurement of 20 MW bundled power under 'New Projects Scheme' under Phase-I of Jawaharlal Nehru National Solar Mission bundling equivalent capacity of solar and thermal power from the unallocated quota of eastern Region NTPC coal based stations towards meeting the Renewable Purchase Obligations.
46/2022	19/JAN/2023	GRIDCO	Seeking approval of Amended and Substituted Power Purchase Agreement (PPA) executed between GRIDCO Ltd. and M/s. ACME Odisha Solar Power Pvt. Ltd. for procurement of 25MW power from the Solar PV power station in Bolangir through OREDA State Scheme In Batch-II towards fulfilling of the Renewable Purchase Obligations.
47/2022	16/JAN/2023	BHARAT ELECTRONICS LIMITED	Application under 86(1)(f) of the Electricity Act, 2003 for adjudication of dispute on Arbitrary illegal levy and collection of various charges under OERC (Terms and Conditions of Open Access) Regulation, 2020 instead of OERC (Terms and Conditions of Open Access) Regulations, 2005 and TCAA Dated 0708.2018 existing between parties.
48/2022	10/JAN/2023	GRIDCO	Seeking approval of Power Purchase Agreement (PPA) executed between GRIDCO Ltd. and M/s. NHPC Ltd. on dated 21.02.2017 for purchase of 103.8 MW(19.96% of installed capacity) of power from its upcoming 520MW (\$X130MW) Teesta-IV Hydro Electric Project, Sikkim.



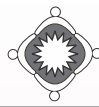
49/2022	23/NOV/2022	ORISSA HYDRO POWER CORPN.	Application under Section 94 (1) (f) of the Electricity Act, 2003 read with Regulation 70(1) of OERC (Conduct of Business) Regulations, 2004 and the provisions of Order 47 Rule-1 of the Civil Procedure Code, 1908 for review of order dated 13.06.2022 of OERC passed in Case No. 78 of 2021 regarding approval of Capital Works of OHPC.
50/2022	01/FEB/2023	GRIDCO	Seeking approval of Power Purchase Agreement (PPA) executed on 26.05.2012 and the amended PPA between GRIDCO Ltd. and M/s. Alex Green Energy Pvt. Ltd. for procurement of 5 MW from the Station located at Patnagarh in Bolangir district of Odisha commissioned through OREDA State Scheme in Batch-I towards fulfilling the RPO of GRIDCO.
51/2022	16/DEC/2022	TPCODL	Application for approval of Capital Investment Plan for the FY 2022-23 (Supplementary) 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.
54/2022	13/JAN/2023	GRIDCO	Approval of ARR & BSP of GRIDCO for FY 2022-23, to allow the additional power purchase cost to meet the State demand and recovery of the same from the DISCOMs of Odisha considering surplus revenue available with them during the first quarter of 2022-23.
55/2022	13/DEC/2022	NAVA BHARAT VENTURES LTD	Proceeding on remand by the order dtd 05.08.2022 of the HC of Orissa in WPC 16237 of 2016, WPC 11158 of 2016 and WPC 5201 of 2017. AND 43 & 44 of 2014 disposed of by OERC order dated 29.01.2016. AND 14 & 15 of 2016 disposed of by OERC Vide its Order dtd 26.07.2016. AND in Review petition in 14 & 15 of 2016 along with calculations as per order dtd 05.08.2022 passed in WPC 16237 of 2016
56/2022	17/DEC/2022	SACHIN SHARMA	Application under Section 142 of the Electricity Act, 2003 for non-compliance of order dated 10.06.2022 of the GRF, Khurdha passed in C.C. Case No.89 2022.



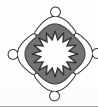
57/2022	01/NOV/2022	SANDHYA DAS	Application under Section 142 of the Electricity Act, 2003 for non-compliance of order dated 12.07.2022 of the Appellate Authority-cum-Executive Engineer-cum- Dy. Electrical Inspector, Cuttack passed in AAC.Case No.01 2021.
59/2022	16/JAN/2023	GRIDCO	Application under Section 86(1)(b) of the Electricity Act, 2003 read with Section 21(4) & (6) of the OER Act, 1995 and other enabling provisions seeking approval of Power Purchase Agreement (PPA) executed on 21.02.2017 between M/s. NHPC Ltd. and GRIDCO for purchase of 105MW (2059% of installed capacity) of power from Teesta-V-Hydro Electric Project, Sikkim.
62/2022	19/JAN/2023	TPWODL, TPCODL, TPNODL, TPSODL & GRIDCO	For allowing interest on loan to be taken by the farmer for setting up Solar Capacity for Kusum C Pump level solarisation in ARR of DISCOMs under section 62 of the Electricity Act,2003 in conformity with the provisions of OERC (Terms and Conditions for Determination of wheeling Tariff and Retail Supply tariff) Regulations, 2014 and OERC (Conduct of Business) Regulations, 2004.
64/2022	17/DEC/2022	PRIME AGRO FOOD PROCESSING (P) LTD	Application under Section 86(1)(b) of the Electricity Act, 2003 read with Section 11(1)(e) & Section 21 of the OER Act, 1995 and other enabling provisions seeking post facto approval of Power Sale Agreement (PSA) executed on 27.09.2006 between M/s. PTC India Ltd. and GRIDCO for purchase of 43.35MW of power from Tala Hydro Electric Project, Bhutan (6X 170MW).
65/2022	21/JAN/2023	GRIDCO	Application under Section 86(1)(b) of the Electricity Act, 2003 read with Section 11(1)(e) & Section 21 of the OER Act, 1995 and other enabling provisions seeking post facto approval of Power Sale Agreement (PSA) executed on 27.09.2006 between M/s. PTC India Ltd. and GRIDCO for purchase of 43.35MW of power from Tala Hydro Electric Project, Bhutan (6X 170MW).
66/2022	17/DEC/2022	B.R.ASSOCIATES	Application under Section 142 of the Electricity Act, 2003 for non-compliance of order dated 01.06.2022 of the GRF, Cuttack passed in C.C.Case No.397 of 2022.



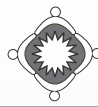
67/2022	20/DEC/2022	BAHAMAI ENTERPRISES	Application under Section 142 of the Electricity Act, 2003 for non-compliance of order dated 20.08.2022 of the Ombudsman-II passed in C.R.Case No.19 of 2022.
68/2022	20/DEC/2022	CELEBRATION MANDAP	Application under Section 142 of the Electricity Act,2003 for non-compliance of order dated 07.12.2020 of the Ombudsman-I passed in C.R.Case No.92 of 2020.
69/2022	27/DEC/2022	RAAJRATAN ENERGY HOLDINGS PVT. LTD.	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 18.10.2022 of OERC passed in Case No. 20 of 2022.
71/2022	01/FEB/2023	TATA STEEL LIMITED	Seeking a declaration and exemption that the petitioner is not an 'Obligated entity' and thereby not required to full fill its RPO targets for FY 2021 onwards and for future period as long as the generation from its Captive Co generation unit at Meramundali as it is in excess of its presumptive RPO requirements for the said period.
72/2022	10/JAN/2023	RAGHUNATHA SAHOO	Application under Section 142 of the Electricity Act, 2003 for non implementation of order dated 07.08.2021 and order dated 27.09.2021 of the GRF, Bhubaneswar passed in C.C.Case No.193 of 2021 and Order dated 09.09.2022 of the Ombudsman-I passed in C.R.Case No.158 of 2022.
74/2022	23/MAR/2023	ORISSA HYDRO POWER CORPN.	OHPC Annual Revenue Requirement and Tariff for the FY 2023-24
75/2022	23/MAR/2023	ORISSA POWER GENERATION CORPORATION	OPGC Annual Revenue Requirement and Tariff for the FY 2023-24
76/2022	23/MAR/2023	OPTCL	OPTCL Annual Revenue Requirement and Determination of Transmission Tariff for the year FY 2023-24
77/2022	23/MAR/2023	SLDC	SLDC Annual Revenue Requirement and Tariff for the FY 2023-24
78/2022	23/MAR/2023	GRIDCO	GRIDCO Annual Revenue Requirement and Tariff for the FY 2023-24
79/2022	23/MAR/2023	GRIDCO	GRIDCO Truing up Application



80/2022	23/MAR/2023	TPWODL	ARR, Wheeling Tariff & RST for the FY 2023-24
81/2022	23/MAR/2023	TPWODL	Application of TPWODL for approval of revised Truing Up for the period of FY 2020-21(for 3 months) and Truing up for the period of FY 2021-22 under Sections 62 & 86 of the EA, 2003 read with relevant provisions of OERC (Terms and Conditions for determination of Wheeling and Retail Supply Tariff) Regs, 2014 and other related matters
82/2022	23/MAR/2023	TPSODL	ARR, Wheeling Tariff & RST for the FY 2023-24
83/2022	23/MAR/2023	TPNODL	ARR, Wheeling Tariff & RST for the FY 2023-24
84/2022	23/MAR/2023	TPNODL	Truing -up application of TPNODL for FY 2021-22 under Section 62 and 86(1) and all other applicable provisions of the Electricity Act, 2003 read with relevant provisions of OERC (Terms and Conditions for Determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2014 and other related Rules and Regulations.
85/2022	23/MAR/2023	TPWODL	For approval Open Access Charges for the financial year 2023-24, in accordance with OERC (Terms and Conditions of Intra state Open Access) Reg, 2020, Wheeling Charges, Cross Subsidy Surcharge, Additional Surcharge & Stand by charges applicable to open access customers for use of intra-state transmission/ distribution system, in view of section 42 of the EA-2003.
86/2022	23/MAR/2023	TPSODL	For approval Open Access Charges for the financial year 2023-24, in accordance with OERC (Terms and Conditions of Intra state Open Access) Reg, 2020, Wheeling Charges, Cross Subsidy Surcharge, Additional Surcharge & Stand by charges applicable to open access customers for use of intra-state transmission/ distribution system in state of Odisha.
87/2022	23/MAR/2023	TPNODL	For approval Open Access Charges for the financial year 2023-24, in accordance with OERC (Terms and Conditions of Intra state Open Access) Reg, 2020, Wheeling Charges, Cross Subsidy



			Surcharge, Additional Surcharge & Stand by charges applicable to open access customers for use of intra-state transmission/ distribution system in state of Odisha.
88/2022	23/MAR/2023	TPCODL	ARR, Wheeling Tariff & RST for the FY 2023-24
89/2022	23/MAR/2023	TPCODL	For approval Open Access Charges for the financial year 2023-24, in accordance with OERC (Terms and Conditions of Intra state Open Access) Reg, 2020, Wheeling Charges, Cross Subsidy Surcharge, Additional Surcharge & Stand by charges applicable to open access customers for use of intra-state transmission/distribution system, in view of section 42 of the EA-2003.
90/2022	23/MAR/2023	TPCODL	For approval of Truing ?up application of TPCODL for FY 2021-22 under Section 86(1) of the Electricity Act, 2003 read with relevant provisions of OERC (Terms and Conditions for Determination of Wheeling Tariff and Retail Supply Tariff) Regulations, 2014 and other related Rules and Regulations.
91/2022	23/MAR/2023	TPCODL	Application for revised Truing Up expenses of TPCODL for FY 2020 21(June 2020 to March, 2021) and under Sections 62 & 86 of the EA, 2003 read with relevant provisions of OERC (Terms and Conditions for determination of Wheeling and Retail Supply Tariff) Regs, 2014 and other related matters
93/2022	27/DEC/2022	MANMATH PRADHAN	Application under Section 142 of the Electricity Act, 2003 for non implementation of order dated 14.09.2022 of the Ombudsman-II passed in C.R.Case No.52 of 2022.
94/2022	27/DEC/2022	DIBYARANJAN BEHERA	Application under Sections 142,146 & 149 of the Electricity Act, 2003 for non implementation of order dated 23.07.2012 of the Ombudsman-II passed in C.R.Case No.38 of 2012.
95/2022	03/JAN/2023	SATYAM CASTING PVT. LTD.	Application under Section 142 of the Electricity Act,2003 for non-compliance of order dated 14.03.2011 of the GRF, Cuttack passed in C.C.Case No.05 of 2011
96/2022	27/JAN/2023	GRIDCO	Seeking approval of Power Sale Agreement (PSA) to be executed between



			M/s. Solar Energy Corporation of India Ltd. (SECI) and GRIDCO for procurement of 390 MW Wind Power under ISTS Connected Wind power Projects Scheme Tranche-XII towards fulfilling the Renewable Purchase Obligation.
06/2023	23/MAR/2023	TPSODL	Application for Truing Up of FY 2020 21(3months), (b).FY2021-22 under OERC (Terms and Conditions for Determination of Wheeling Tariff & Retail Supply Tariff) Regulations, 2014 & OERC (Terms and Conditions for Determination of Wheeling Tariff & Retail Supply Tariff) Regulations, 2020 and OERC (Conduct of Business) Regulations, 2004.
08/2023	23/FEB/2023	SHALIVAHAN GREEN	To change of name from M/s. Shalivahana Green Energy Ltd. to M/s. Jagannath Power & Infra Pvt. Ltd. in the PPA dated 30.12.2010 executed between M/s. Shalivahana Green Energy Ltd. and GRIDCO and also for release of payment against monthly power sale to GRIDCO in favour of the petitioner till change of name in the PPA
10/2023	23/MAR/2023	TPNODL	Approval of Business Plan for FY 2023 24(1st Control period) in compliance to Regulation 2.1 of the OERC (Terms and Conditions for determination of Wheeling Tariff and retail Supply Tariff) Regulations, 2022.
11/2023	23/MAR/2023	TPCODL	Publication of notice in the matter of approval of Business Plan for FY 2023 24(1st Control period) in compliance to Regulation 2.1 of the OERC (Terms and Conditions for determination of Wheeling Tariff and retail Supply Tariff) Regulations, 2022.
12/2023	23/MAR/2023	TPSODL	Publication of notice in the matter of approval of Business Plan for FY 2023 24 (1st Control period) in compliance to Regulation 2.1 of the OERC (Terms and Conditions for determination of Wheeling Tariff and retail Supply Tariff) Regulations, 2022.
13/2023	23/MAR/2023	TPWODL	Publication of notice in the matter of approval of Business Plan for FY 2023 24(1st Control period) in compliance to Regulation 2.1 of the OERC (Terms and Conditions for determination of Wheeling Tariff and retail Supply Tariff) Regulations, 2022.



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 tariff hearing of the Commission.

4. Drafting and legal vetting

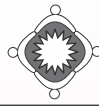
The Division drafted, and also made legal vetting of public notices, show cause notices, circulars etc. and assisted the Engineering Division in amendment of Regulations.

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 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), 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 Deputy Director (Personnel & Administration/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 Affair 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 14 nos. of officers and 33 nos. of staff of various categories as on 31.03.2023 (**Annexure-1**).

ORGANISATION CHART

6. The organization chart of Odisha Electricity Regulatory Commission (OERC) is shown at **Annexure-2**.

7. **Assets acquisition**

- i. Air Conditioner 4 nos.

8. **Participation in Training/Seminar/Workshop/Conference**

Participation in Training/Seminar/Workshop/Conference etc. are integral part of knowledge-based organization like OERC. Officers and Staff have attended various training programmes, seminars, workshops & conferences in the year 2022-23 to enhance their professional skills and update their knowledge. List of officers participated in various training programme, Seminars, Workshop & Conference in the year 2022-23.



Details of Training/Conference etc. attended by OERC Officials 2022 - 23)

Sl. No.	Name of the Officers	Date of Programme	Period	Subject Matter	Programme Organizer	Venue
1	Sri A.K. Panda, Joint Director (Tariff-Engg)	21st to 25th November, 2022	5 days	Capacity Building Program on Open Access, Power Trading, Tarif, ABT & Forecasting	NPTI-NER	Guwahati, Assam
2	Sri Ajoy Sahu, Joint Director (FA)	3rd - 9th February,2023	7 days	16th Capacity Building Training Program on "Regulatory Perspectives on Network, Renewable Energy and Market Development"	FOR	IIT Kanpur & Melbourne, Australia
3	Sri Saswat Tripathy, Dy. Director (FA)	13th to 15th December,2022	3 days	Capacity Building Program on Changes & Challenges in Regulatory Governance.	Indian Institute of Corporate Affairs	Goa
4	Sri Srikant Sharma, Dy. Director (Engg)	13th to 15th December,2022	3 days	Capacity Building Program on Changes & Challenges in Regulatoryw Governance	Indian Institute of Corporate Affairs	Goa

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**

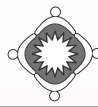
The Commission has issued a number of Regulations, Codes and Practice Directions in order to safeguard the consumers' interest.

- **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 12 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.

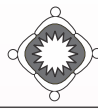
With the enactment of Electricity Act, 2003, a statutory provision was made for disposal of consumer complaints by a two-tier mechanism consisting of Grievance Redressal Fora and Ombudsmen.

(i) **GRF AND OMBUDSMAN**

There are 12 GRFs and 02 Ombudsmen working in the State. Their location and address are given below:

Grievance Redressal Fora (GRFs): 12

- (1) The President, GRF, Dhenkanal, CESU, Near Fisheries Office, Kunjakant, Dhenkanal-759001.
- (2) The President, GRF, Cuttack, 3R-1, CESCO Colony, Badambadi, PO: Arundeo Nagar, Dist-Cuttack.
- (3) The President, GRF, Bhubaneswar, BCDD-I Campus, Power House Chhak, Bhubaneswar-8
- (4) The President, GRF, Khurda, CESU, Quarter No.3R/1, T.L.C. Colony, Khurda -752055.
- (5) The President, GRF, Paradeep, CESU, AT-Pitambarpur, PO-Bhutmundai, Via-Kujang, Dist-Jagatsinghpur.
- (6) The President, GRF, Jajpur, NESCO, T.T.S. Colony, Dhabalagiri, At-Sobra, Jajpur.
- (7) The President, GRF, Balasore, NESCO, Near Kali Mandir, Balasore-756001.
- (8) The President, GRF, Rourkela, WESCO, Office of the S.E, Rourkela Electrical Circle, Q-2, Rourkela Civil Township, Rourkela.
- (9) The President, GRF, Burla, WESCO, Qtr No. D-2, Near Power House Club in Burla Town, P.O.Burla, Dist-Sambalpur-768017.



- (10) The President, GRF, Bolangir, WESCO, O/o S.E. (Elect), Bolangir Electrical Circle, At/Po-Bolangir.
- (11) The President, GRF, Berhampur, Near De Paul School, Engineering School Road, Berhampur-760010.
- (12) The President, GRF, Jeypore, SOUTHCO, Power House Colony, Jeypore, Dist-Koraput.

(ii) Ombudsmen: 02

- (1) Ombudsmen-I TPCODL (CESU Zone), Qrs. No. 3R S/2, GRIDCO Colony, P.O.-Bhoinagar, Bhubaneswar-751022.
- (2) Ombudsmen-II (NESCO, WESCO & SOUTHCO Zone), Qrs. No. 3R S/2, GRIDCO Colony, P.O. - Bhoinagar, Bhubaneswar-751022.

Creation of more GRFs are under consideration to facilitate easy access of the consumers to the forum to address their grievances.

The details of cases disposed by the GRFs and Ombudsmen's are given in table below.

Annual disposal of cases by the GRFs for FY 2022-23

Name of licensee	Name of GRFs	Opening balance of cases	No. of cases registered	Total No. of cases	No. of cases disposed	No. of cases pending	Orders passed in favour of consumers	Opening balance of orders to be implemented by licenses	Total No. of orders to be implemented by licenses	No. of orders implemented by the licensee	Orders pending for implementation by the licensees
1	2	3	4	5 (3+4)	6	7 (5-6)	8	9	10 (8+9)	11	12 (10-11)
TPNODL	Balasore	59	375	434	370	64	300	37	337	290	47
	Jajpur	0	229	229	203	26	183	2	185	175	10
TPSODL	Berhampur	62	501	563	492	71	464	137	464	441	160
	Jeypore	23	493	516	441	75	441	144	585	412	173
TPWODL	Burla	105	585	690	674	16	524	20	544	344	200
	Rourkela	223	1135	1358	1262	96	1174	114	1288	1039	249
	Bolangir	142	2239	2381	1956	425	1889	320	2209	1834	375
TPCODL	Bhubaneswar	16	368	384	365	19	344	50	394	341	53
	Khurda	29	425	454	435	19	385	15	400	365	35
	Cuttack	14	1076	1090	1073	17	972	81	1053	932	121
	Dhenkanal	26	740	766	695	71	613	47	660	510	150
	Paradeep	10	641	651	643	8	634	12	646	561	85



Annual disposal of cases by the Ombudsmen for FY 2022-23

Name of Ombudsman	Name of licensee	Opening balance of cases	No. of cases registered	Total No. of cases	No. of cases disposed	No. of cases pending	Orders passed in favour of consumers	Opening balance of orders to be implemented by licensees	Total No. of orders to be implemented by licensees	No. of implemented by the licensee	Orders pending for implementation by the licensees
1	2	3	4	5 (3+4)	6	7 (5-6)	8	9	10 (8+9)	11	12 (10-11)
Ombudsman-I	TPCODL	101	189	290	228	62	85	33	118	03	115
	TPNODL	20	66	86	70	16	61	7	68	67	1
Ombudsman-II	TPSODL	13	23	36	28	8	25	1	26	25	1
	TPWODL	2	30	32	19	13	11	1	12	12	0

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.

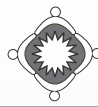
- (a) To expedite disposal of consumer complaints forwarded by the Commission to Utilities and ensure implementation of orders of GRFs/Ombudsman, the Commission introduced a quarterly meeting for monitoring of consumer complaints by the Utilities/GRFs/Ombudsmen. Four such meetings were held during the Year. Quarterly data on disposal of consumer complaints by DISCOMs/implementation of orders of GRF/Ombudsmen were compiled and put up to the Commission and the same were also posted online on the Commission's Website. This helped to improve the disposal of consumer complaints by DISCOMs/GRFs/Ombudsmen considerably.
- (b) 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

- (c) In order to ensure transparency, all orders of the Commission on major issues are passed after conducting open public hearings. In 2022-2023 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 & Membership in organisation

- (d) A Compendium of Orders on Annual Revenue Requirement and Bulk Supply & Retail Supply Tariff for FY 2022-23 was published by OERC and distributed among various stakeholders including consumer groups.
- (e) Copies of the FAQ (Frequently Asked Questions of Electricity Consumers) in English & Oriya were distributed among various consumer groups, for creating greater awareness of Rules, Regulations and Standards in the Sector.



8. ANNUAL STATEMENT OF ACCOUNTS

ODISHA ELECTRICITY REGULATORY COMMISSION

Balance Sheet as on 31st March of the year 2023

(Amount-Rs.)

CORPUS/CAPITAL FUND AND LIABILITIES	Schedule	Current Year	Previous Year
CORPUS/CAPITAL FUND	1	28,11,10,469.62	37,97,17,327.97
RESERVES AND SURPLUS	2	-	-
EARMARKED/ ENDOWMENT FUNDS	3	8.00	8.00
SECURED LOANS AND BORROWINGS	4	-	-
UNSECURED LOANS AND BORROWINGS	5	-	-
DIFFERED CREDIT LIABILITIES	6	-	-
CURRENT LIABILITIES AND PROVISIONS	7	55,33,54,588.49	56,18,76,450.46
TOTAL		83,44,65,066.11	94,15,88,786.43
ASSETS			
FIXED ASSETS	8	69,66,263.39	29,37,846.41
INVESTMENTS- FROM EARMARKED/ ENDOWMENT FUNDS	9	-	-
INVESTMENTS- OTHERS	10	61,89,00,000.00	-
CURRENT ASSETS, LOANS, ADVANCES ETC.	11	20,85,98,802.72	93,86,50,940.02
MISCELLANEOUS EXPENDITURE (to the extent not written off or adjusted)			
TOTAL		83,44,65,066.11	94,15,88,786.43
SIGNIFICANT ACCOUNTING POLICIES	24		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25		

Yet to be Audited by C&AG of India

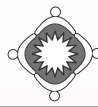
ODISHA ELECTRICITY REGULATORY COMMISSION

Income & Expenditure Account for the year ended 31st March 2023

(Amount-Rs.)

INCOME	Schedule	Current Year	Previous Year
Income from Sales/ Services	12	-	-
Grants/ Subsidies	13	-	-
Fees/ Subscriptions	14	11,87,94,800.00	12,40,98,800.00
Income from Investments (Income on invest., From earmarked/ endow. Funds transferred to funds)	15	-	-
Income from Royalty, Publication etc.	16	-	-
Interest Earned	17	4,22,72,622.60	15,96,64,507.00
Other Income	18	18,40,979.51	1,42,383.00
Increase/ (decrease) in stock of finished goods and work in progress	19	-	-
TOTAL (A)		16,29,08,202.11	28,39,05,593.00
Interest			
Establishment Expenses	20	24,31,22,863.40	21,30,77,989.19
Other Administrative Expenses etc.	21	1,72,67,842.97	21,55,46,514.69
Expenditure on Grants, Subsidies etc.	22	-	-
Interest	23	-	-
Depreciation (Net Total at the year end - corresponding to Schedule 8)		11,19,354.09	6,21,729.70
TOTAL (B)		26,15,10,660.46	42,92,46,233.58
Balance being excess of Income over Expenditure (A-B)		-9,86,01,858.35	-14,53,40,538.58
Transfer to Special Reserve (Specify each)			
Transfer to / from General Reserve			
BALANCE BEING SURPLUS/ (DEFICIT) CARRIED TO CORPUS/ CAPITAL FUND		-9,86,01,858.35	-14,53,40,538.58
SIGNIFICANT ACCOUNTING POLICIES	24		
CONTINGENT LIABILITIES AND NOTES ON ACCOUNTS	25		

Yet to be Audited by C&AG of India



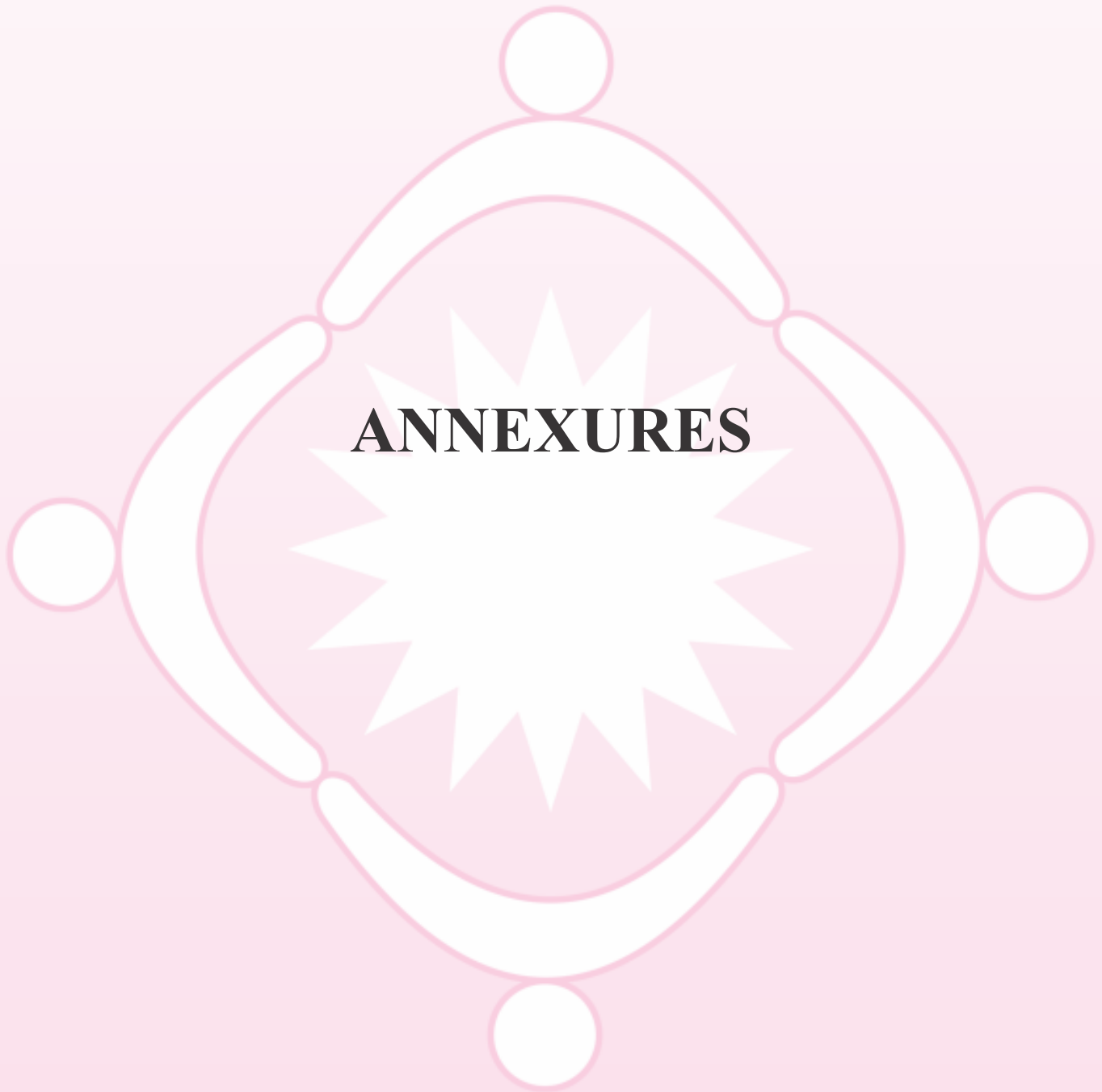
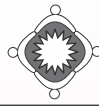
ODISHA ELECTRICITY REGULATORY COMMISSION

RECEIPTS AND PAYMENTS FOR THE PERIOD/YEAR ENDED 31-03-2023

(Amount: Rs.)

RECEIPTS	Current Year	Previous Year	PAYMENTS	Current Year	Previous Year
I. Opening Balance			I. Expenses		
a) Cash in Hand	6,823.00	6,723.00	a) Establishment Expenses (corresponding to schedule 20)	8,22,02,246.00	10,22,00,058.00
b) Bank Balances			b) Administrative expenses (corresponding to Schedule 21)	2,17,22,120.83	3,14,17,644.00
i) In current accounts	11,01,874.40	11,02,048.40			
ii) In deposit accounts		24,00,00,000.00	II. Payments made against funds for various projects		
iii) Flexi accounts	73,46,51,837.11	7,82,61,13,093.11	(Name of the fund or project should be shown along with particulars of payments made for each project)		
II. Grants Received			III. Investments & Deposits made		
a) From Government of India			a) Out of Earmarked/Endowment funds		
b) From State Government	-	-	b) Out of Own Funds (Investment others)	55,40,00,000.00	
c) From other sources (details to be shown separately)			IV. Expenditure on Fixed Assets & Capital Work in Progress		
III. Income or Investments from			a) Purchase of fixed Assets	45,82,926.00	3,29,919.00
a) Earmarked/Endow. Funds			b) Expenditure on Capital Work-in-Progress		-
b) Own funds / Own Investment	14,07,76,307.00	2,99,00,000.00	V. Refund of surplus money/Loans		
IV. Interest Received			a) To the Government of India		
a) On Bank Deposits	2,54,31,036.60	15,23,45,787.00	b) To the State Government		
b) Loans, Advances etc.	8,950.00	41,323.00	c) To other providers of funds		
V. Other Income (Specify)			VI. Finance Charges (Interest)		
License Fees	11,40,00,000.00	11,40,00,000.00			
Application/Processing Fees	47,94,600.00	1,00,98,800.00	VII. Other Payments (Specify)		
Miscellaneous Income	17,30,312.51	57,716.00	FMD & Security Deposit refunded		
Interest on House Building Advance	-	1,95,189.00	VAT paid		
VI. Amount borrowed			Advance to Employees	12,80,000.00	21,72,160.00
VII. Any other receipts (give details)			TDS	5,53,234.00	
EMD deposit from parties			Refund of Tender Fees		
Security Deposit Receipt			GST TDS	3,33,629.00	4,94,717.00
EMD & Security Deposits received	5,000.00	20,000.00	Paid to ERDCO	15,03,28,113.00	7,32,45,00,000.00
Receipt towards RFO documents			VIII. Closing Balances		
Receipt from TATA Power			a) Cash in Hand	6,823.00	5,823.00
Refund of Income Tax	1,63,564.00	93,350.00	b) Bank Balances		
Tender Fees received			i) In current accounts	11,01,874.40	11,01,874.40
			ii) In deposit accounts		18,91,00,000.00
			iii) Flexi accounts	15,15,59,348.49	73,46,51,837.11
Total	1,02,26,70,304.62	8,38,39,74,029.51	Total	1,02,26,70,304.62	8,38,39,74,029.51

Yet to be Audited by C&AG of India



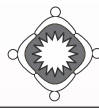
ANNEXURES



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 31.03.2023 are detailed in the table below:-

Sl.No.	Designation	Persons in position
1	Commission Secretary	Sri Priyabrata Patnaik
2	Director (Engg.)	Sri S.P. Mishra
3	Director (Tariff)	Sri A. K. Panda
4	Director (Regulatory Affairs)	Sri Priyabrata Patnaik
5	Jt. Director (Economic Analyst)	Sri C.K. Biswal
6	Jt. Director (IT)	
7	Jt. Director (T/Econ)	Sri A. K. Jagadev
8	Jt. Director (Tariff-Engg)	
9	Jt. Director (Financial Analyst)	Sri Ajoy Sahu
10	Jt. Director (Engg.)	
11	Public Affairs Officer	Sri S. K. Rout
12	Dy. Director (IT)	Sri S.C. Biswal
13	Dy. Director (T/Engg)	
14	Dy. Director (Financial Analyst)	Sri Saswat Tripathy
15	Dy. Director (Engg)	Sri Srikanta Sharma
16	Accounts Officer	Sri R. C. Dakua
17	Dy. Director (P&A)	Sri A.K. Nayak, Sub-judice, on probation
18	Dy. Director (T/Econ)	Smt. Archana Sahoo
19	Private Secretary	Smt. L.B. Patnaik
20	Private Secretary	Sri K.C. Tudu
21	Private Secretary	Sri M. Moharana
22	Personal Assistant	Sri P.K. Sahoo
23	Personal Assistant	Sri S.K. Das
24	Personal Assistant	Sri S.K. Sahoo
25	Personal Assistant	Sri L.N. Padhi
26	Personal Assistant	Smt. S. Mishra
27	Senior Accountant	Sri Jaypal Das
28	Receptionist-cum-Caretaker	Smt. Mamatarani Nanda
29	Driver	Sri R.C. Majhi



30	Driver	Sri Jalandhar Khuntia
31	Driver	Sri Jadunath Barik
32	Driver	Sri Ashok Ku. Digal
33	Driver	Sri Prakash Kumar Nayak
34	Driver	Sri Maheswar Nanda
35	Driver	Sri Sampad Kumar Parida
36	Peon	Sri Pitambar Behera
37	Peon	Sri Umesh Ch. Rout
38	Peon	Vacant
39	Peon	Sri P.K. Behera
40	Peon	Sri Bidyadhar Das
41	Peon	Sri R.C. Sahoo
42	Peon	Sri Abhimanyu Jena
43	Peon	Sri S.K. Mohapatra
44	Peon	Sri Rabindra Ku. Mekup
45	Peon	Sri Pradip Ku. Pradhan
46	Sweeper	Sri Ramesh Chandra Nayak
47	Sweeper	Sri Prafulla Kumar Nayak
48	Consultant (Legal)	Sri Hrudananda Parida
49	Consultant (DBA)	Sri Shesadev Sahoo
50	Consultant (Accounts & Admn.)	Sri Bhikary Mohanty
51	Consultant (SCA)	Sri Radhakanta Samal
52	Consultant (SCA)	Sri Ranjit Kumar Mohanty



**MINUTES OF THE 33rd MEETING OF STATE ADVISORY COMMITTEE
(SAC) OF OERC HELD ON 15.03.2023 AT 11:00 AM**

PRESENT:

1. Smt. Lipsa Das, Additional Secretary, Department of Energy, Government of Odisha
2. Sri Girish Chandra Mohapatra, Advocate, Rourkela,
3. Sri Shiba Dutta Bhanja, Ex-GM, NESCO
4. Prof. (Dr.) Prakash Kumar Hota, Professor of Electrical Engineering & Dean, School of Computer Sciences, VSSUT, Burla
5. Shri P. K. Pradhan, Ex-Director (Comm.) GRIDCO, Nua Road, VSS Nagar, Bargarh
6. Shri Prabhakar Dora, Rayagada
7. Sri Burle Balaraju, At/PO: Bhuskudi, Dist. Gajapati
8. Sri Debabrata Pattanayak, Rairangpur, Dist. Mayurbhanj
9. Shri Bidyadhar Mohanty, President, Labour Union (INTUC), Jajpur Road
10. Sri Gour Chandra Panda, President, Bhadrak Chamber of Commerce
11. Sri Surendra Prasad Mallick, Ex-COO, NESCO
12. Smt. Saishree Pattnaik, Advocate & Notary, At-Kunjakanta, PO/Dist-Dhenkanal
13. Smt. Abanti Behera, At. Kakat, PO/Dist. Kendrapara
14. Sri Alekh Chandra Mallik, Ex-Director (Comm.), GRIDCO
15. Shri Bimal Das, Representative of Confederation of Citizen Association, Bhubaneswar
16. Shri Bibhu Charan Swain, Sr. Consultant, M/s. Power Tech Consultants, Bhubaneswar
17. Sri Bimal Krushna Mishra, S72, Maitree Vihar, Bhubaneswar
18. Sri Sanjib Kumar Tripathy, Ex-CEO, GEDCOL
19. Sri B. K. Mohapatra, representative of UCCI
20. Sri R. N. Nayak, Ex-CMD, PGCIL
21. Prof. A. K. Tripathy, Former DG, CPRI, Kanan Vihar, Bhubaneswar
22. Sri S.K. Mishra, CMD, OPTCL
23. Shri Trilochan Panda, MD, GRIDCO
24. Shri P.K. Mohapatra, M.D., OPGC
25. Shri A.K. Mohanty, Director (Operation), OHPC
26. Shri M. Shenbagam, CEO, TPCODL
27. Shri Arvind Singh, CEO, TPSODL
28. Shri Gajanan S. Kale, CEO, TPWODL
29. Shri Bhaskar Sarkar, CEO, TPNODL

INTRODUCTORY:

The Commission convened the 33rd State Advisory Committee (SAC) meeting on 15.03.2023 at 11:00 A.M. in the Conference Hall of OERC. Shri Suresh Chandra Mahapatra, Chairperson, Shri Gajendra Mohapatra, Member and Shri S.K. Ray Mohapatra, Member were present on the occasion. SAC members, senior officials of OERC, GRIDCO/OPTCL/OPGC/OHPC and CEO's of the DISCOMs attended the meeting. The agenda items for discussion are listed below: -

1. Discussion of ARR & Tariff proposals for FY 2023-24
2. Any other matter, with permission of the Chair



SUMMARY OF THE PROCEEDINGS:

Agenda No.1 – Discussion of ARR & Tariff proposals for FY 2023-24

Secretary, OERC welcomed all SAC Members and presented the agenda items. He introduced Sri S.C. Mahapatra, the new Chairperson of the Commission to the SAC members, who attended his first SAC meeting after joining as Chairperson of the Commission. Sri Mahapatra is the first Chief Secretary of the State who adorned the post of Chairperson, OERC. Secretary, OERC also mentioned that twelve new members of SAC have joined the meeting and requested to allow the leave of Sri N.N. Mishra, Member SAC. The Chairperson, OERC chaired the proceedings.

The World Institute of Sustainable Energy (WISE), Pune, the consumer counsel briefed the ARR & Tariff proposals for FY 2023-24 of all the Licensees (Transmission licensee: OPTCL; 4 Distribution Licensees: TPCODL, TPNODL, TPWODL, TPSODL; Trading Licensee: GRIDCO) and generating companies:(OHPC & OPGC) through Power point Presentation and highlighted the salient points of the ARR, tariff rationalisation methods of DISCOMs and other important issues mentioned in the Petitions filed by Licensees and generating companies.

Thereafter, the members gave their comments/suggestions, which are summarised below:

1. Shri Girish Chandra Mohapatra said that State Government should provide subsidy to MSME industries operating at higher load. As Tata Company is providing electricity throughout the State, appropriate measures may be taken so that it should not have monopoly. He suggested to set up more numbers of GRF / Ombudsman offices and also requested to appoint counsel for consumers. Further, he mentioned about problem of land acquisition for erection of towers, transmission/distribution lines and installation of substations, where few landowners are not interested to handover their valuable lands. He requested that adequate compensation should be given to people who lost their land and the compensation may be 2 to 3 times of market price.
2. Shri Shiba Dutta Bhanja said that to meet the revenue gap new avenues can be explored by the Licensees. He mentioned about Odisha Industrial Policy Resolution (IPR), 2022 and pointed out that appropriate regulatory framework and support may be given to drive sustainable industrial growth in the State. He suggested for a Coordination meeting with Industries Department in this regard. He mentioned that three agriculture based tariff categories are highly subsidized and suggested for reduction of cross-subsidy for allied agricultural category. He suggested that consumers should be given two options either for billing i.e. kVAh or kWh. He suggested that rate in kVAh should be same as rate in kWh multiplied by power factor, so that the consumers will not be at loss. Further, he mentioned that Licensees have proposed special category of tariff for consumers with contract demand more than 10 MVA. He enquired about actual numbers of consumers available in this category. The industries having load more than 2000 kVA can be recognised as power intensive industry and the benefit of special tariff can be extended to them. Further, he requested that the benefits should be given for a longer period, say five years.



3. Prof. Prakash Kumar Hota emphasised for introduction and implementation of latest technology. He also supported the recent initiative of installation of smart meters. He suggested that all the meters may be replaced by smart meter and the time of use tariff may be decided for those consumers. He also suggested for introduction of three types of tariffs i.e. normal, peak and off-peak tariff as per time of use to flatten the load curve. Further, he suggested that awareness programme should be organised in this regard to sensitise the consumers.
4. Shri P.K. Pradhan suggested for physical mode of meeting instead of meetings through virtual mode. He submitted that Hirakud Power house has never achieved the design energy of the plant. GRIDCO is not receiving the low-cost power, for which it is purchasing high-cost power from outside. There should be a discussion between GRIDCO, SLDC and OHPC regarding reduction in generation of low-cost power. He further stated that Vedanta Aluminium should be operated as IPP and should not get linkage coal as a CGP. The generation cost will be very high, as the cost of coal has increased. A rebate of 25 to 35 paise in tariff may be allowed in EHT/HT tariff during 9 A.M. to 3 P.M. because of addition of solar generation in the State. Suitable peak & off-peak tariff may be decided accordingly. The employee cost suggested by DISCOMs is very high and is not acceptable because of adoption of technology & computerisation in each stage of operation. DISCOMs are not adhering to the Regulations framed by the Commission. DISCOMs are not following the billing cycle of thirty days and sometimes the consumers are even billed in less than thirty days, which is gross violation of the Regulations in force. He suggested that the HT loss which is considered as 8% should not be allowed and should be justified by the licensees, if allowed. Government should give subsidy to LI consumers as it is not possible to cross-subsidize all the categories of consumers. The industrial consumers will opt for open access and DISCOMs will get less revenue if industrial tariff is not reduced. Only M/s Vedanta has opted to avail power under the tri-party agreement tariff (TPA tariff) proposed by TPWODL. GRIDCO may have surplus power of around 3000 MU, if M/s. Vedanta will not opt for the same. He expressed his concern that how GRIDCO can meet the SMD, as present overdrawal is not permitted under CERC DSM Regulations. Further, he mentioned that proposed O&M cost, particularly the employee cost proposed by the DISCOMs is too high. All the O&M works of DISCOMs have been outsourced. Hence, 1.4 employees per thousand consumers appears to be very high. The Licensees have proposed outsourced employee cost also. He opined that above 60% of the existing employee are sitting idle and outsourced staffs are managing the operations. He requested for prudent check of the cost effectiveness of the proposed expenditure. Since, huge investment had been made by the State Government for infrastructural development, he requested to reduce the loss at HT level to 4%. Licensees are recovering the demand charges without adherence to the provisions of the Regulations, for which they are earning about Rs.300 Crore of extra income. Licensees are installing smart meters, although the defective meters are still available in their system and yet to be replaced. He also expressed his concern about the fate of the newly installed static meters, which are to be replaced with smart meters and suggested for replacement of defective meters with smart meter in the first phase, followed by replacement of other meters. He also expressed his concern about the dispute in billing and non-redressal of the same by the licensee. He further



opined that health insurance premium may be recovered through ARR and the same may be extended to the retired employees.

5. Shri Prabhakar Dora requested for adoption of more consumption – less the rate principle since Odisha is considered as a power surplus state. He submitted that a democratic manner of functioning, participation and acceptance of views of consumers play a pivotal role in success of any organisation. DISCOMs are not responding to the letters of SAC members on different issues and hence it is difficult for effective participation in the hearing without any response from DISCOMs. He requested for compliance of correspondences received from consumers by the licensees. He mentioned that neighbouring States like West Bengal is charging meter rent of Rs.10/-. So, the meter rent may be decided on the basis of life and cost of the meter. He expressed his concern about the collection of electricity bills by the lineman who is unable to explain the bills to the consumers. He requested for simplification of billing format and suggested for billing in A4 size paper and also mentioned that the present bill is not readable after a certain period of time, due to its poor quality of printing. He requested for institutional strengthening of GRF and Ombudsman. He mentioned that although digital rebate has been introduced but consumers are not able to avail such benefit in remote areas particularly in TPSODL area due to unavailability power supply/network. He suggested for allowing the rebate even if the payment is made through the mode other than digital mode.
6. Shri Burle Balaraju requested for initiation of appropriate steps for early charging of R. Udayagiri substation. He also requested for reduction in agriculture tariff.
7. Shri Debabrata Pattanayak suggested for waiver of monthly minimum fixed charge for the industries during their closure periods in order to help them to re-open and start their production. He also requested for waiver of minimum fixed charges for industries. Therefore, he requested for instalment facility. He also suggested that the fine imposed for overdrawl may be abolished. DISCOMs are serving the electricity bills with huge dues suddenly after a long gap of 2 to 3 years and insisting for payment at one go. This type of practices should be stopped. Further, the consumers may not be penalised for drawl beyond the approved contract demand.
8. Shri Bidyadhar Mohanty said that the proposal of tariff hike may be decided on the basis of quality of service. The quality of service provided by the licensee is not up to the mark. He mentioned about the non-responsiveness of DISCOMs on the issues brought to their notice through correspondences. He also mentioned that there is language barrier between officials of DISCOMs and consumers. The officials of the present licensees are not able to understand and communicate in the Odia language which is the main reason for non-redressal of grievances. He strongly objected the proposal on tariff hike.
9. Shri Goura Chandra Panda mentioned about the need for proper maintenance of transformer. The tariff on consumers is high perhaps because of high transmission/distribution loss. Such loss is burdening the consumers. He suggested that there should be a benchmark of transformer level loss. Loss of each transformer should be monitored. He suggested for establishment of coordination committee



associating SAC members to review the disputed bills, particularly the bills corresponding to the Covid period. He requested for establishment of dedicated industrial feeder, without any connections to other consumers from that feeder. He also requested for proper and simplified billing format. DISCOMs should frame estimates properly as per the provisions in Rules and Regulations.

10. Shri Surendra Prasad Mallick mentioned that there are about 97 lakh consumers in the state of Odisha. He requested for sanitisation of consumer data base and introduction of KYC for all consumers to identify the actual consumers. He suggested for consumer indexing linking to DTs, metering in transformers, which will be helpful for DISCOMs for energy auditing. The consumers are not being informed about the power supply interruptions through messages. He suggested that arrear amount should not be considered while calculating the AT & C loss.
11. Smt. Saishree Pattnaik mentioned that in the last SAC meeting, Government representative said that lots of investment has been made by the State Government. Hence, the electricity tariff in Odisha may be reduced like Delhi and Gujarat. Further, the Disaster Fund may be created from the Government Fund. DISCOMs are not following the proper procedure while assessing under Section 126 /135 of the Electricity Act, 2003. Smt. Pattnaik, further said that reconnection charges proposed by DISCOMs, which are double of existing charges, should not be allowed. In case of disaster fund, she mentioned that such corpus fund should be created from Govt assistance. Further, she opined that the scheme of paying digitally and get six months payment back in case of any mishap is a good scheme proposed by DISCOM. She also supported the idea of creation of mega lift category under EHT consumer.
12. Smt. Abanti Behera requested the Commission to take decision protecting the interest of the general consumer of the State. She stated that the increase in tariff will not be helpful to decrease the loss. The loss can be reduced if the employees will work effectively and sincerely. She insisted for introspection of the employees. She said that during the last SAC Meeting held on 11.03.2022, the representative of the State Government had submitted about the huge investment made by the State Government in infrastructure development of DISCOMs. Considering the same, the Commission may not increase the tariff for the FY 2023-24. Further, she said that the tariff may be decreased instead of increase like Gujarat and New Delhi. She said that the DISCOMs are not following the proper procedure while assessing the consumers under section 126 and 135 of the Electricity Act.
13. Shri Alekh Chandra Mallik mentioned that about 900 MU surplus power available with GRIDCO. He said that outage was observed during rainy season for few hydro projects. Sri Mallik suggested that proper outage Management System should be in place for reliable operating of the system. He mentioned that IPPs, ready for operation are not getting coal for operation. So, high-cost power purchase from exchange was required to meet the demand of the State. He suggested for procurement of power from CGPs. He mentioned that PPAs were signed with NTPC long back. The energy charge mentioned



in the PPA is found to have increased significantly after commissioning of the projects (say, initially Rs 2.15/kWh to current level of Rs 6/kWh). He suggested that an escalation factor can be considered in this regard, which may be based on RBI index only. He pointed out that earlier cost of CTU was lower, approx. 13 P/U. He mentioned that Central thermal project (DSTPS) can be connected through STU network instead of CTU network. He suggested for provision of portable/mobile sub-station (by OPTCL), which can be utilised during post disaster period. He said that there are opportunities to develop Small Hydro Project (SHP), in downstream of Machhakund. He also mentioned about development of pump storage project which is required from the perspective of energy security.

14. Shri Bimal Das mentioned that level of quality of power supply has not increased upto the desired level. He mentioned about the improper location and poor infrastructural facilities available to GRF, Bhubaneswar and also suggested for no tariff rise for FY 2023-24.
15. Shri Bibhu Charan Swain opposed the revision of Triparty Agreement (TPA) tariff (from Rs 4.75/kVAh to Rs 5.25/kVAh) proposed by GRIDCO. He said that commitment charges proposed by GRIDCO is not as per Regulations and shortfall of RPO of previous years has not been considered by GRIDCO. He mentioned about Odisha RE Policy, 2022 and submitted that to meet the target given in RE policy, RE projects inside the State should be promoted, which will lead to significant direct and indirect employment. As per the RE Policy, several Regulations are required to be framed. He requested to decide the trading margin of GRIDCO so that GRIDCO can supply RE power to industries and suggested for biomass blending in OPGC thermal project. The generating units of OHPC were not operational during the last summer months and hence, he requested that directions should be given to OHPC not to undertake any kind of maintenance activity during the summer period of this year. He pointed out that several clauses of the newly introduced OERC (Terms and Conditions for Determination of Wheeling Tariff and Retail Supply Tariff) Regulations have not been followed by the DISCOMs while submitting the petitions. He opined that penal charges (1% to 2%) may be imposed in coming years for non-submission of petitions in proper manner. Tata Power managed DISCOMs have earned a profit of almost Rs.1.00 per Unit during FY 2021-22 and as per Retail Supply Tariff Regulations, tariff is to be reduced progressively and one-third of the profit is to be passed on to consumers. He mentioned about huge employee cost proposed by the DISCOMs. He said that in earlier era (managed by Reliance), salary of top executives was borne by Reliance. He suggested that salary of present top management of DISCOMs can be benchmarked as per OPGC, OHPC or erstwhile CESU. The same may be allowed in tariff and remaining can be borne by its parent, TATA company. He also suggested that the expenses of earlier period may be taken as base instead of expenses incurred during FY 2021-22. He requested for prudent check of A&G cost. He suggested that the proposal for creation of Centre of excellence of OPTCL may be used for training, policy research etc. The Centre can be developed in PPP mode on self-sustaining basis. He also suggested that Skill



Development Centre can be promoted by DISCOMs at division level, involving local MSME industries, who can be engaged in meter installation process. He requested that cold storage (who are operating in 2 degree centigrade environment) can be given allied agricultural status and suitable order in this regard may be passed by the Commission. He further mentioned that standard design may be published by OPTCL/ DISCOM so that local MSME can manufacture the same and supply to them. He suggested that for proposal of enhancement of fixed charges for HT medium industry should not be allowed. He also said that special incentive, as applicable to steel industries, may also be extended to other industries. He requested that DSM initiatives should be undertaken as per DSM Regulations.

16. Shri Bimal Kumar Mishra suggested for consumer indexation. This will also help for energy auditing and maintain optimum loading on the transformers. He mentioned about the improper billing and therefore suggested to cross-check it with the number of valid consumers. He said about disconnection threat of DISCOMs and narrated some incidents in this regard. He opined that meter replacement is conducted very erratically and so the same should be done in a systematic manner, starting with replacement of defective meters. In case of solar net metering, he suggested for installation of smart net meter. He congratulated the Commission for finalising the Standard Operating Procedure (SOP) for installation of solar net metering which will benefit the consumers. He submitted for appointment of Odia speaking people by DISCOMs at consumer interface points to avoid any kind of communication gap.
17. Shri Sanjib Kumar Tripathy pointed out about the increase in cost of power purchased from outside. Procurement of high-cost power from NTPC may be reduced. He said that RPO obligation should be fulfilled for FY 2023-24. He suggested that DISCOMs should procure and install smart net meters. DISCOMs should not change meter in regular interval. He also opined that consumer should have right to select the vendor for installation of solar PV plant. He suggested that DISCOMs must appraise the Commission about AT&C loss reduction in regular interval. DISCOMs should also submit Division-wise losses. He also said that OHPC should achieve the design energy of its plants. He suggested for reduction of procurement cost of OPGC power.
18. Sri B.K. Mohapatra, representative of UCCI pointed out that RoE has been claimed by the licensees irrespective of their performance. He submitted that standard losses should be allowed. He also pointed out that regular monitoring of DISCOMs is required and they should follow the Rules and Regulations. To strictly monitor the purchase of power by GRIDCO, he suggested for constitution of a Committee. He mentioned that meter is an integral part in the electricity business like gas and telecom business, however, meter installation and its rent is becoming almost a new business for the DISCOMs. He suggested for addition of 1 P/U or 2 P/U in tariff instead of charging the monthly meter rent. He pointed out that Monitoring Committees established earlier by the Commission, had considered 4 areas of DISCOM and the desired loss level was achieved on adoption of various measures. He suggested for consumer - licensee

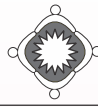


interaction meetings, where junior officials of licensee can meet the consumers to address their grievances. He expressed concern about the poor participation of consumers in the tariff hearings.

19. Shri R.N. Nayak discussed about the installation of smart meters in the system. More structured ToD tariff is required to flatten the load curve. He mentioned that present level of ToD tariff is very low, so the same may be increased. However, suitable incentive / penalty mechanism may be introduced. Further, he mentioned about the generation of harmonics by steel and Aluminium Industries. Harmonic measurement may be required for those industries. The industries generating harmonics and injecting to the system may be penalized. He mentioned that GRIDCO is a loss-making entity and a understood, loosing 7 p/u on each unit of transaction. Therefore, a proper planning is necessary for its sustainability. Further he submitted that the pump storage project is highly essential because of large scale integration of RE power in the near future.
20. Prof. Ashok Kumar Tripathy said that R&D activity and standardization of elements at OPTCL / GRIDCO should be initiated. He mentioned that although the installed capacity is huge but availability is low. He suggested that special committee can be constituted to see the availability vis-a-vis demand. He mentioned that co-ordination between GRIDCO, CGPs and Generating Companies is required for better understanding of the power availability to avoid procurement of costly power from Central sector. This can be a win-win situation for all. He also insisted for proper Asset Management.
21. Smt. Lipsa Das, Additional Secretary, Department of Energy, GoO mentioned that the Retail supply tariff should not be increased, rather it may be decreased. She pointed out that Government has already made huge investment in infrastructural development of the licensees to reduce the burden on the consumers of the State. She further suggested for reduction of tariff for cold storage and drinking water schemes.
22. Sri S.K. Mishra, CMD, OPTCL in response to the submission of the stake holders said that land compensation is being provided to the affected parties in line with the Order of the State Government on the bench mark cost. On the issue of development of Power Training Centre, he mentioned that the same has been approved by the Board of Directors. OPTCL will explore the possibilities of development of Centre of excellence through PPP mode. Further, he mentioned that various approved design of tower structure (except 400 kV) is uploaded in OPTCL website and registered users can obtain the same for their reference. He also pointed out that design of tower structure including civil foundation designs are available in the website. He mentioned that OPTCL has established the OPTCL Chair at IIT Bhubaneswar to accelerate the collaborative effort for addressing various issues pertaining to Odisha Power sector comprising of all the three arms including Generation, Transmission and Distribution. The Chair will be responsible for building a Dynamic Industry-Institute Interface System to keep track of the industry requirement in the power sector in Odisha. OPTCL is taking all steps for introduction/implementation of new technology in the State Transmission System.

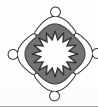


23. Sri Trilochan Panda, MD, GRIDCO mentioned that situation of procurement of power vis-à-vis the requirement of the State is being regularly reviewed. The growth of electricity consumption was low during Covid period, which has increased afterwards. He mentioned that peak demand of the State is around 4800 MW and average power procurement cost is the lowest in Odisha and so also the average cost of supply, except few Union Territories. He mentioned that average billing rate is also lowest in the country. He pointed out that the reason for rise in power purchase cost in the current year and next year is due to addition of new thermal plants having higher fixed cost and retirement of old asset like TTPS. Although the RE penetration has increased, but it cannot supply RTC power, hence there is requirement of blending with RTC power. There is a requirement of procurement of costly power to meet the additional demand. He mentioned that due to shortage of coal, NTPC started blending of imported coal during last year, which has increased the cost of power procurement. However, no imported coal was used by the State Thermal projects. There is a proposal of dual connectivity (STU and CTU) in case of the upcoming NLC and TTPS projects and hence no ISTS charge would be applicable. OHPC has identified three pump storage projects and will be developed shortly. Board of Directors are being informed about the issues and concerns of DISCOMs with reference to Power purchase and taking appropriate steps accordingly. Discussion with IPPs/CGPs are going on to meet the demand requirement during summer month. GRIDCO will approach the Commission to accord necessary approval in this regard. GRIDCO is carrying out the procurement planning taking the contingency factor in to consideration. Odisha is one of the five states where pilot study on redundancy has been conducted and the result shows that the incremental cost would be of 5-6 P/U for 11%-12% redundancy.
24. Sri A.K. Mohanty, Director (O), OHPC discussed about the maintenance schedule of different hydro projects and post maintenance status of availability of the units. He mentioned about planning of pump storage projects in the State and informed about the steps being taken till now by OHPC in this regard. He said that although machines are available but the generation from hydro project is dependent on rainfall and water availability. He mentioned that CBIP was engaged for technical audit of power projects and the report has been submitted with some good suggestions. The annual maintenance schedule of OHPC plants is regularly planned and prepared in consultation with GRIDCO/SLDC.
25. Sri P.K. Mohapatra, MD, OPGC pointed out that availability of Thermal Power was more than 1700 MW during March-June 2022 period, except April, when one unit was not available due to some problem. No maintenance has been planned during the period from February to July. He said that PLF of OPGC has increased. He mentioned that biomass is not usages in thermal power plants of Odisha at present due to inadequate availability of such material, although the usage is prevalent in Punjab and Haryana. However, a study is being conducted and the result will be available in next two-three months. He mentioned that current age of Stage-I is 29 years and R&M of Stage-I is envisaged in 2026 for further extension of life of the plant for about next 15 years. He said that ECR of OPGC Unit III & IV is lowest in the country. He also submitted that OPGC has ensured coal availability and maintained 15 days' stock and have not used imported coal so far.

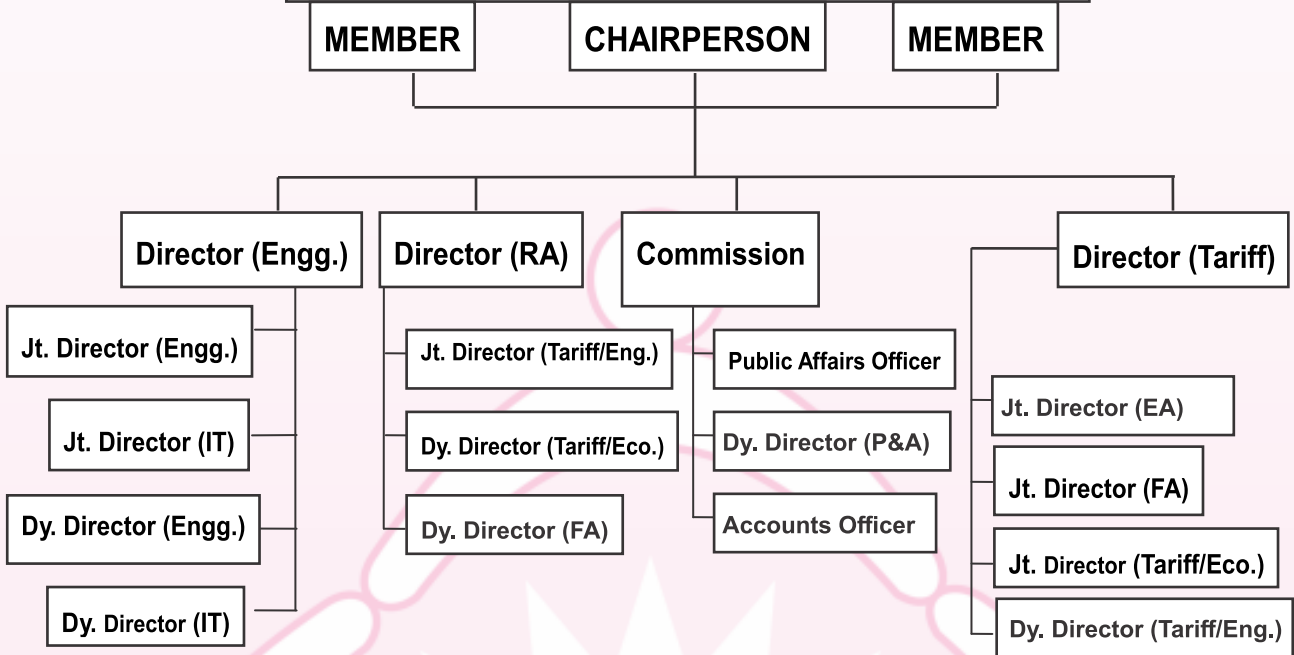


26. Shri Shenbagam Manthiram, CEO, TPCODL explained about various initiatives undertaken by them. He mentioned that power supply interruption in terms of SAIDI has been reduced. Failure rate of DT has also been reduced to 2.9%. He further submitted that the employee cost has been increased due to addition of new substations in the system. He submitted about the completion of 100% mapping of 33 kV assets and 80% of consumer indexing. Vidyut Seva Kendra for rural consumers have been developed. They have also developed a system through which a lineman gets instantaneous information of any fault for its speedy rectification. He mentioned about status of solar net metering projects (installed capacity 3.3 MW) and pointed out about various steps being taken for installation of solar net metering. He also mentioned that installation of smart net metering has been started. 17 nos. of vendors have been registered for installation of roof top solar system of the consumers. TPCODL in the meantime has replaced about 5.6 lakh defective meters and 2.8 lakh mechanical meters. TPCODL is installing about 400 meters per day. He submitted that AT&C loss level has been reduced from 30.4% to 22.5%. With respect to employee ratio of 1.4 for thousand consumers, he mentioned that private distribution companies in the country are having the ratio near to 1.8 and the same is dependent on geography of operational area & the available infrastructure. TPCODL is responding to the letters of stakeholders in time. On the issue on size of the bill, he mentioned that in case of spot billing, the size of the bill is dependant on the specification of the printer. However, the same can be downloaded from their website in A4 size paper and is available in both Odia & English. The spot billing in Odia have also been started. The payment of bill in two or more numbers of instalments is not an issue as long as the consumer pays the bill. He pointed out that TPCODL is collecting meter rent as per prevailing approved rate only.
27. Shri Arvind Singh, CEO, TPSODL submitted that the consumer indexing of 9 lakh consumers has been completed and rest will be completed soon.
28. Shri Gajanan S. Kale, CEO, TPWODL said that safety of the customer, employee and others is of utmost important. He mentioned that call centre has been operational and various digital initiatives have been introduced for redressal of consumer complaints. He pointed out the reasons for requirement of additional expenses during FY 2023-24.
29. Shri Bhaskar Sarkar, CEO, TPNODL mentioned about the availability of facility for onsite overhauling of transformers and use of drone technology for location of the hot spots for ease of maintenance. He pointed out that AT&C loss was close to 23% in the last year and they are hopeful to meet the target given by Commission for different years.
30. Shri Priyabrata Patnaik, Secretary, OERC concluded the meeting with vote of thanks to the members of SAC and all other participants.

Sd/-
(Suresh Chandra Mahapatra)
Chairperson



ORGANISATION CHART OF OERC

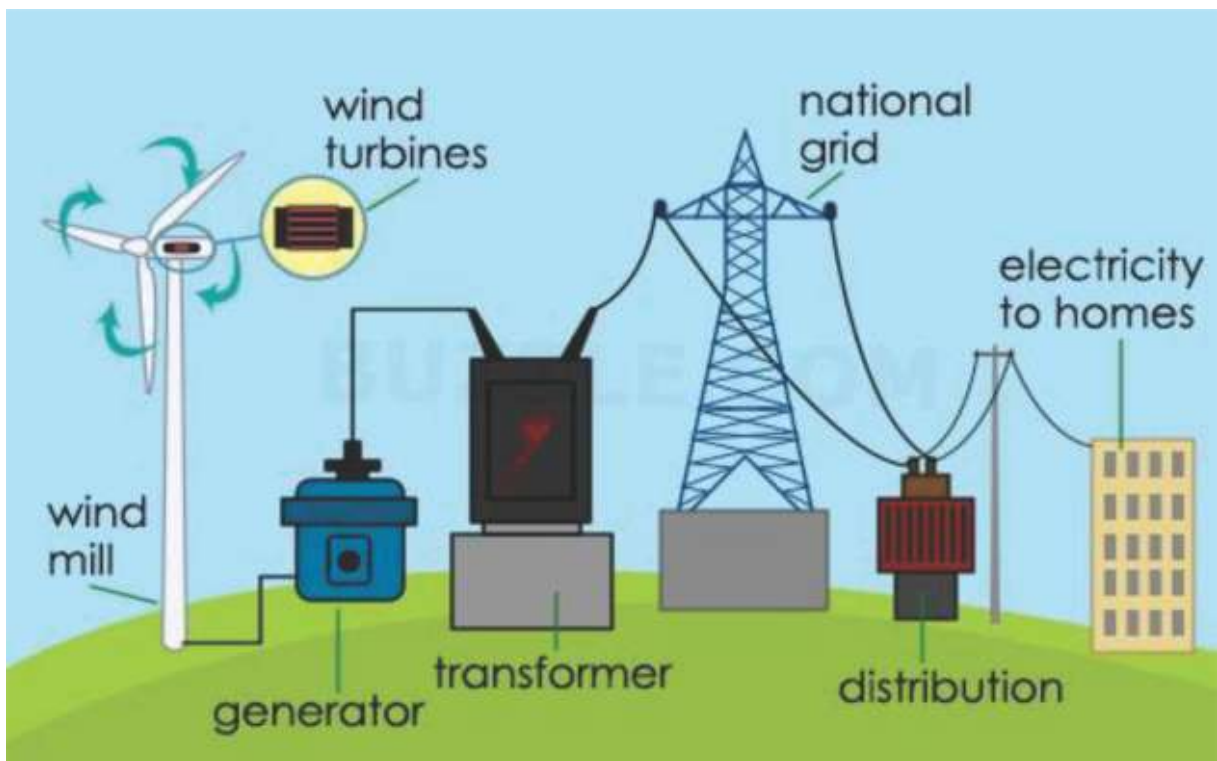




New Year Celebration on 1st January, 2023



OERC Officers & Staff



ODISHA ELECTRICITY REGULATORY COMMISSION

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