



CENTRAL POWER PURCHASING AGENCY GUARANTEE LIMITED

(A Company of Government of Pakistan)

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No. CPPA-G/2023/CEO/9130

Dated: August 16th, 2023

The Registrar NEPRA
NEPRA Tower,
Islamabad.

**SUBJECT: PETITION FOR THE DETERMINATION OF MARKET OPERATION FEE
FOR THE FINANCIAL YEAR 2023-24.**

Central Power Purchasing Agency (Guarantee) Limited is company functioning as the market operator to carry out market operation in accordance with the National Electric Power Regulatory Authority (Market Operator Registration, Standards and Procedure) Rule, 2015 (the "Market Rules"), since June 2015. Under the Rule-3 of the National Electric Power Regulatory Authority (Market Operator Registration, Standards and Procedure) Rules, 2015, the National Electric Power Regulatory Authority has granted a certificate of registration No. MOR/01/2018 and Market Operator License No. MOL/01/2022 to Central Power Purchasing Agency (Guarantee) Limited.

As per Clause 11.1.1 of the Commercial Code, CPPA-G requires to file the petition of Market Operation Fee to Authority for the Determination. In this connection please find the documents as follows;

- Market Operation Fee 2023-24.
- Affidavit.
- Certified True Copy of Board Resolution.
- Cheque of petition fee for filing MoF.

Forwarded please:

<input checked="" type="checkbox"/> For nec action	<input type="checkbox"/> for information
1 DG (Lic.)	2 DG (Admn./HR)
3 DG (M&E)	4 DG (CAD)
5 DG (Trt.)	6 DG (Fin.)
7 Dir. (Tech.)	8 Consultant
9 LA	10. Dir. (IT)

For kind information please

1 Chairman	2 M (Tech.)
3 M (Lic.)	4 M (Trt. & Fin)
5 M (Law)	

(Rihan Akhtar)
Chief Executive Officer

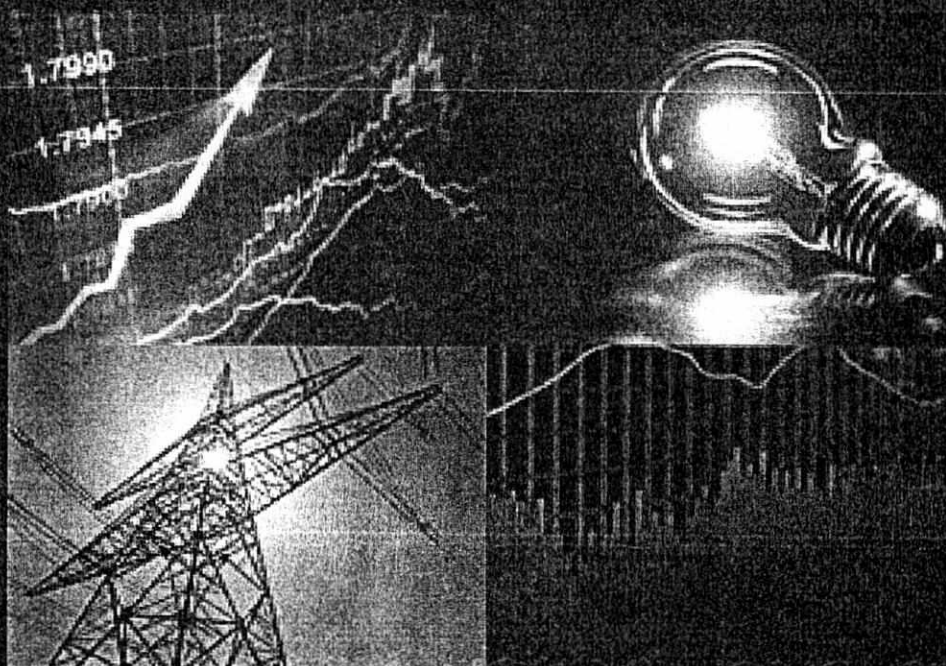
REGISTRAR OFFICE
Diary No: 11571
Date: 18-8-23

Along with cheque Rs 910000

24/8/23



**PETITION FOR DETERMINATION OF
MARKET OPERATION FEE
FINANCIAL YEAR 2023-24**



**PETITION FOR MARKET OPERATION FEE
UNDER RULE 3 AND SUB-RULE 7 OF RULE 4 OF NEPRA
(TARIFF STANDARDS AND PROCEDURES) RULES, 1998**

Before


**THE NATIONAL ELECTRIC POWER REGULATORY AUTHORITY (NEPRA)
FOR DETERMINATION OF MARKET OPERATION FEE
FOR FINANCIAL YEAR 2023-24**

CENTRAL POWER PURCHASING AGENCY (GUARANTEE) LIMITED (CPPA-G)

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1. Petitioner Information

1.1. NAME

Central Power Purchasing Agency (Guarantee) Limited ("CPPA-G").

1.2. ADDRESS

Shaheen Plaza, Plot No. 73-West, Fazal-e-Haq Road, Blue Area, Islamabad.

1.3. COMPANY DETAILS

Central Power Purchasing Agency (Guarantee) Limited CPPA-G (the "Petitioner" or the "Company") is a company incorporated under the repealed Companies Ordinance, 1984 (now the Companies Act, 2017) and granted a Corporate Universal Identification No. 0068608 by the Security Exchange Commission of Pakistan in the year 2009.

In exercise of the powers conferred by Rule-3 of the National Electric Power Regulatory Authority (Market Operator Registration, Standards and Procedure) Rules, 2015, the National Electric Power Regulatory Authority has granted a certificate of registration No. MOR/01/2018 and Market Operator License No. MOL/01/2022 to Central Power Purchasing Agency (Guarantee) Limited.

1.4. THE BOARD'S AUTHORIZATION

Board of Directors (BoD) authorized the Chief Executive Officer and other senior officers to sign, file and represent this petition and to submit any additional document/information to the Authority (Annex-A).

1.5. COMPANY REPRESENTATIVES

The following officers of CPPA-G have been authorized by the Board of CPPA-G to sign, file and represent this petition and to submit any additional documents/information to the Authority:

- Mr. Rihan Akhtar, Chief Executive Officer / Chief Financial Officer
- Mr. Majid Khan, Chief Legal Officer
- Mr. Mubasher Ahmad, Chief Technical Officer
- Mr. Arshad Minhas, Chief Information Officer
- Mr. Rehan Hameed, Chief HR & Admin Officer

2. GROUND'S AND FACTS FORMING BASIS OF THIS PETITION

- i. In order to meet with the expenses for discharging the functions and plans mentioned, the petitioner requires revenue to be approved by the Authority in terms of clause (e) and (j) of subsection 2 of Section 7 of the NEPRA Act and chapter 11 of the Commercial Code.
- ii. Chapter 11 of the Commercial Code deals with the Market Operation Fee and clause 11.1.1 provides that the existing cost associated with CPPA of NTDC shall be separated from the Use of System Charge (the "UoSC") of NTDC. In this manner, the UoSC of NTDC, already being paid by the ex-WAPDA DISCOs, shall be reduced by the amount corresponding to the expenses of CPPA-G.
- iii. As per the broad guidelines laid down in Chapter 11 of the Commercial Code, the general heads of costs associated with the operations of the petitioner have been provided in clause 11.1.2.
- iv. In terms of these broad guidelines the petitioner is also permitted to include any cost estimate for future capital expenditure required for compliance with current and future provisions contained in the Commercial Code.
- v. As such the total revenue requirement of the petitioner shall comprise of the existing cost separated from the UoSC of NTDC, additional operating cost in view of present operations independent of NTDC and the Capital cost required for effective operations of CPPA-G for compliance with present and future requirements of the Market Rules and Commercial Code shall form the Market Operation Fee of the petitioner.
- vi. These guidelines also provide that the formula for calculating the Market Operation Fee shall be similar to the formula of calculating the UoSC i.e., dividing total determined cost by peak demand of ex-WAPDA DISCOs.
- vii. Rule-9 (1) (d) of the NEPRA Market Operator (Registration, Standards and Procedure) Rules, 2015 (the "Market Rules") state that "In addition to the obligations in the applicable documents, each market participant shall have the obligation to pay the market operation fee as per Commercial Code and such other charges as specified by the Authority."
- viii. Rule 4 (7) of the NEPRA (Tariff Standards and Procedures) Rules, 1998 state that "The Authority may, while admitting a petition, allow the immediate application of the proposed tariff subject to an order for refund for the protection of consumers, or for satisfactory security to be provided for refund, while the proceedings are pending before the Authority"

In accordance with the revenue requirement of the company, CPPA-G is hereby submitting a petition for Market Operation Fee for FY 2023-24. This petition is filed in line with Rule 3 of the Tariff Standards & Procedure Rules, 1998 and in line with the Chapter 11 of the Commercial Code approved by Authority.

3. COMPLIANCE OF THE AUTHORITY DIRECTIONS

#	Directions	Compliance Status
1.	Submit its Power Purchase Price (PPP) forecast report updated every year after accounting for upcoming addition in Generation, changes in demand pattern, and other variables like exchange rate parity, changes in local/ US CPIs, LIBOR, KIBOR etc., for consideration of the Authority.	PPP report is developed on the basis of IGCEP every year. Currently the development of IGCEP (model) is under process by NTDC. Once the model is finalized, CPPA will develop and submit the PPP report to NEPRA within 14 days as per its regulatory mandate. However, latest Power Purchase Price (PPP) forecast report for FY 2022-30 has been shared with Authority vide letter no CPPA-G/2022/CEO/8938 dated October 28, 2022.
2	Continue sharing its HR development progress at the end of each quarter and also include therein department wise detail of employees, functions being performed by each department and plans for future recruitment, if any, along-with their proposed JDs etc. in its HR Report. Apprise the Authority regarding its plans for future recruitment, along-with their proposed JDs etc., before making any such hiring.	Attached at Annex-B and B-1
3.	Provide composition of its Board of Directors, with brief profile of each member, basis of their appointment and their roles and responsibilities.	Attached at Annex-C
4.	Ensure provision of monthly information to the Authority in terms of energy generated,	Information is regularly being shared with the Authority.

	energy, capacity & other charges, and payments etc. as per the prescribed formats, already shared with the Petitioner, including Fuel stocks held at each Power Plant on monthly basis. CPPA-G is also directed to submit complete details for deviation from EMO, showing hourly generation along-with financial impact for deviation from EMO, and the reasons thereof, in coordination with NPCC, and within the given timelines, as also directed by the Authority in the monthly FCA decisions, while submitting the monthly FCA data.	
5.	Provide party wise breakup of amounts payable & receivables as per the following format on monthly basis, in addition to the monthly circular debt reporting as per the agreed formats.	<p>Latest party wise amount payable & receivables is attached at Annex-D.</p> <p>Further, the circular debt reporting Information is regularly being shared with the Authority.</p>
6.	Provide the detail of all legal cases against various entities including international arbitrations and their status and also those cases filed against NEPRA	Attached at Annex-E .
7.	To make these legal costs as part of its market operation fees and the same shall be got approved from the Authority.	Included in the current market operation fee petition for Authority's approval.
8.	Provide monthly report regarding LDs imposed on Generation Companies along with reasons specifically pursuant to Section 9.4(b)(iii) and (c) of the 2002 Power Policy PPAs.	Attached at Annex-F
9.	Submit monthly reconciliation report of the T&T losses with NTDCL.	Attached at Annex-G



4. REVENUE REQUIREMENT FOR CPPA-G:

CPPA-G revenue requirement includes:

- General Establishment Cost (Pay & Allowances, Employees benefits, Training & Capacity Building, & Consultancy)
- Administration Cost (rent rate & taxes, power light & water, office supplies, telephone internet fax & postage, travelling, subscription & periodicals, presentation & entertainment, professional & BoD fee, outsourcing services, advertisement & publications, Office running (outsourced services), NEPRA Petition and Licenses Fee and Other Administrative Expenses)
- Insurance, Finance Charges, Office Operation, Services & Maintenance (R&M General, IT Services, R&M, Support Fee, etc.) and,
- Capital Expenditure (Capex) etc.

The head wise breakup of the revenue requirement for FY 2023-24 along with comparison of Authority allowed revenue requirement for FY 2022-23 is given below.

Description	Mln.Rs	
	FY 2022-23	FY 2023-24
	Allowed	Requested
General Establishment Costs	882	1,660
Administrative Costs	216	278
Office Operations, Services & Maintenance	71	136
Insurance	2	4
Finance Charges	1	2
Total O&M Cost	1,172	2,080
CAPEX	115	64
Total	1,286	2,144

The requested revenue requirement along with recoverable loan, Tax and PYA for FY 2023-24 is discussed in detail in the ensuing paragraphs.

4.1. GENERAL ESTABLISHMENT COST

This head mainly includes cost associated with pay & allowances and other benefits of the employees, training and capacity building cost, cost regarding consultancy services and new hiring cost.

The pay and allowances for FY 2023-24 are proposed at Rs. 995 million against the last year allowed figure of Rs. 705 million for FY 2022-23. Pay & Allowances for FY 2023-24 are projected after applying inflation and performance-based increment over "Actual Basis pay" of each employee for the month of April 2023 keeping in view "pay scales structure" already approved by the Authority. The increase in overall pay and allowances cost is substantiated by the following:

- a) Annual Increment Policy for CPPA-G Employees as approved by the Board of CPPA-G, according to which employees are entitled to annual increment based on performance as well as annual inflation compensation envisaged by average inflation rate for the immediately preceding year as published by Pakistan Bureau of Statistics. Therefore, the requested figure is inclusive of annual CPI rate declared by the Pakistan Bureau of Statistics. Keeping in view the above and "pay scales structure" already approved by the Authority, Pay & Allowances for FY 2023-24 are projected after applying 40% increase over "Actual Basis pay" (Inflation and Performance based) of each employee for the period of April 2023.
- b) Board of CPPA-G has also approved "Promotion / Upgradation Policy" for CPPA-G employees upon certain performance and experience-based criteria, therefore, as per the approved promotion policy, increase in pay and allowances for 30 employees becoming eligible in the next financial year, has also been considered.

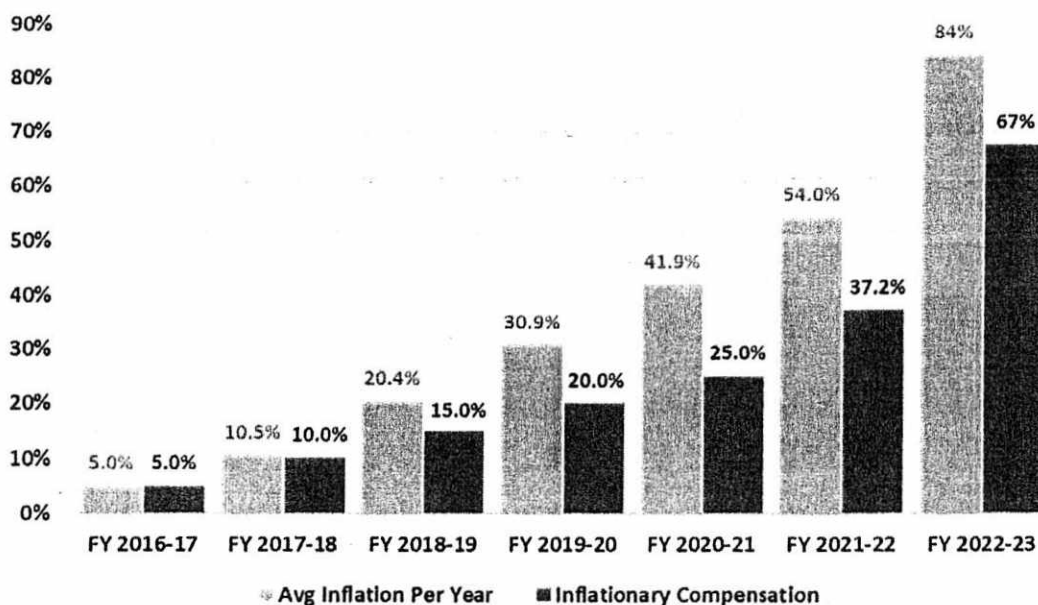
Keeping in view the above and the fact that these expenses cater essential business needs of the company, the Authority is requested to approve the same in the head of Pay & Allowance of the Employees for FY 2023-24.

The **employees benefits** head consist of provident fund, gratuity, earned leave, EOBI, GLI, medical benefits, overtime and Honoraria. Corresponding with the pay and allowances cost, the employees' benefits are projected around Rs. 177 million for FY 2023-24 keeping in view the "pay scales structure" already approved by the Authority.

The Authority is requested to approve the same in the employee benefits for FY 2023-24.

Restructuring of Pay & Allowances:- The pay-scales of CPPAG have not been revised since its operationalization in 2016. There is immediate need of revision in basic pay-scales due to the following reasons:

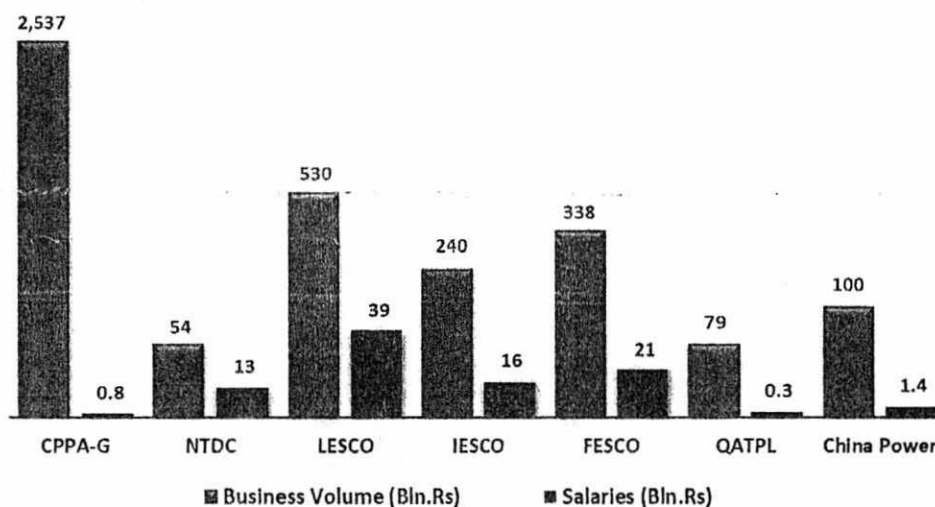
In recent years, high inflation rate in the country has posed various challenges for the employees eroding their purchasing power and leading to a decline in their standard of living. Despite high inflation of about 84% in the last seven years, no revision has been made in the pay scales approved by the BoD CPPAG whereas inflationary compensation awarded to CPPAG employees was fixed at 5% till 2021. Accordingly, in comparison to the overall cost of living which has increased from 2017 to 2023 and the purchasing power of CPPAG employees has been effectively decreased by 17% as per following detail:



CPPAG is currently facing severe issues in employee retention and recruitment of the external candidates, as the other power sector companies working in the ambit of government of Pakistan as well as the private sector has significantly revised their pay scales to make them more compatible to the overall job market. CPPA-G employee structure is comprised of around 77% of professional staff which is well trained for and handling over 3 trillion worth of power purchase invoices. It is very challenging for the organization to retain these employees while their high demand in the market represented by the following matrix:

Period	NOCs Issued	Resignations	Job offers rejected by candidates
2016 to till date	400	60	45
FY 2022-23	94	17	No hiring
% FY 23	24%	28%	

Considering the comparison of business quantum / turnover among CPPAG and other Power Sector Entities, it is evident that CPPAG, handling business of Rs. 2.536 trillion, has Pay & Allowances of Rs. 791.54 million in FY-22, leading to average cost of employee of Rs. 0.298 million, which is on the lower side as compared to the other power sector companies detailed below:

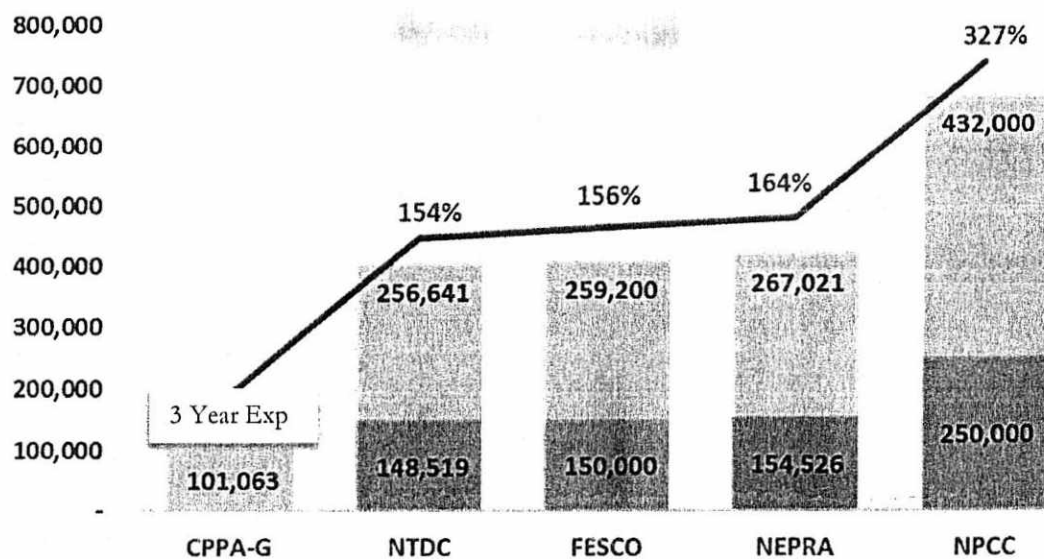


Below is the comparison between basic pay offered by CPPAG and other Power Sector Entities. CPPAG is facing sever issues in engagement of fresh talent from the market, as it is offering Rs. 101,063 to Assistant Managers, far behind to attract the talent and retain professional staff.

Cadre	CPPA-G	PPMC	NEPRA	NPPMCL	KAPCO	China Power	FEL
Assistant Manager	101,063	140,000	154,526	150,788	200,000	245,000	250,000
Deputy Manager	202,125	225,000	213,860	222,693	-	-	-
Manager	303,188	750,000	340,029	309,833	450,000	425,000	563,000
Dy. GM / GM	359,370	1,250,000	479,102	487,403	800,000	675,000	1,013,500

* Car facility, Fuel or monetization are not included in above package

Below is the highlight of the pay offered for Assistant Manager (entry level) at Management Scale in CPPAG compared with NTDC, FESCO, NEPRA and NPCC. In Year 2016, CPPAG was offering more competitive market-based package however from time-to-time other entities have revised their pay packages, and currently offering much higher pay packages in contrary to the pay package offered by CPPAG i.e., still Rs. 101,063 and no revision has been made in the pay scales of 2016. The comparison is graphed below:



Further, other Government Entities provide lucrative retirement benefits like Pension, Medical, Free Electricity Supply and Leave Fare Assistant (LFA). Disparity Reduction Allowance with 25% + 15% and Executive Allowance of 150% of the basic salary was also granted to other GoP employees. The same has not been granted to CPPA-G employees.

Keeping in view the market-based compensation system, revision in basic pay structure of CPPAG employees is proposed wherein maximum benefit is being requested for low cadre employees, which includes support staff (from G-1 to G-5) as in the current prevailing scenario where government on different occasions have added "Disparity Reduction Allowance & Executive Allowance" as part of Basic Pay, to minimize the impact of Inflation on their lives, so it was very obvious that benefits of such pay adjustments should also be provided to low paid employees in CPPAG.

Secondly CPPAG have faced turnover in two major positions i.e. (Assistant Manager's & Deputy Managers), as the other power sector companies are offering much lucrative pay packages, so the requested raise in basic pay structure is to reduce anomalies and basic aim is to attract the talent from the market and to retain trained management staff.

It's essential to recognize the importance of fair compensation packages that reflect the true value of employees' contributions. Further, market-based compensation is vital of employees' motivation and job satisfaction, attracting and retaining skilled talent.

Keeping in view above the Authority is requested to allow the cost to be incurred against the proposed restructuring of Pay & Allowances of Working Employees Inc Benefits in FY 2023-24.

New Hiring Cost:- The HR department has planned to fill 77 positions in various departments against the vacant posts of 122. The department wise detail of proposed hiring as below:

Technical department of CPPA-G is engaged in the procurement of Power under the contractual arrangement, and handling of technical matters on recurring basis. Added to this Technical department is also taking care of development work for new IPPs including negotiation of PPAs reviewing feasibility studies, monitoring project development activities, preparation of market model EPA's/PPA's, reviewing Grid Code etc. In routine, technical section processes invoices of existing IPPs, have close liaison with the PPIB / AEDB and other Government functionaries and other regulatory affairs with NEPRA.

It is highlighted that there is constant increase in workload due to increase in the projects and special assignments being referred to CPPA-G from the various forums. The workload is increased manifold due to data requirement of audit and other investigating agencies, mainly data pertains to previous period which is very time-consuming exercise. Technical Section is facing acute shortage of personal especially after the retirement / repatriation of officers to their parent departments.

On the above justification 10 vacant position are proposed to be filled in technical department.

Finance department of CPPA-G is engaged in the procurement of Power under the contractual arrangement, treasury management, taxation and handling of audit functions on recurring basis.

It is pertinent to be mentioned that many new power projects are added in the portfolio of CPPA-G in the last few years and various power projects are in pipeline which is expected to be added in the upcoming years in portfolio of CPPA-G. Apart from this, special purpose assignments from relevant Government functionaries specially from NAB, FIA, AGP office etc. are becoming a routine part of the finance department.

In this connection, senior officers of the Finance Department are constantly engaged in the data analysis, development work and other special purpose assignment along with their routine tasks which is assigned to them. However, with the constant increase in workload, existing human resource strength in the finance department are becoming scarce which may be detrimental not only to the timely and high-quality accomplishment of the deliverables but also reduce the overall conduciveness of work environment within the finance department.

Consider the above 12 vacant position are proposed to be filled in Finance department.

HR & Admin department is playing a critical role in the success of CPPAG, and its role and responsibilities have grown significantly in recent years. With an increase in the number of task / assignments, it is

essential to have the right number of HR professionals to ensure that CPPAG stays competitive and can take advantage of new initiatives being taken including a gigantic task of developing the Market Operator function of CPPAG owing to the grant of license to operate. As the number of interventions grow, the HR department requires to scale accordingly to support the growing needs of the business.

Since inception of CPPA-G, the strength of the other departments have been increased gradually on need basis which was not the case with HR & Admin. Now there is a requirement to fill vacant positions to undertake not only the emerging tasks resulting the growth of organization including the formal commencement of organization growth and formation of Market Operator, but also to equip them in advance on the related skills and tools that would enables HR to undertake their responsibilities. It is pertinent to mention here that HR department is critically involved in implementation of Integrated Management System (IMS) in CPPAG which also adds up to the responsibility areas for the compliance purposes.

On the above justification 15 vacant position are proposed to be filled in technical department.

Plan Implementation Unit (PIU) Policy & Planning and Budgeting, Reporting and Regulatory departments of CPPA-G are engaged in diverse roles & functions contributing to the power sector developments and reforms. These include power purchase price simulations, power market development, scenario/sensitivity analyses, research & development in aspects related to market interventions, corporate budgeting and regulatory affairs, end consumer tariff evaluations, economic analysis, etc. The stated functions are directly related with the core & allied functions of CPPA-G, i.e., power procurements and market development. Moreover, P&P and BR&RA departments are also engaged in providing technical support, analysis and advice to the Power Division, Regulator, DFIs and other key stakeholders in the energy sector.

These multi-dimensional and multi-variate developments require the underlying departments to be restructured and staffed with best in-class human resources to enable coping with the functional requirements.

In view of above, 15 vacant position are proposed to be filled in PIU department.

MOD Department the test run period of the CTBCM for 6-month as approved by NEPRA has been concluded and the commencement of competitive wholesale market is anticipated soon. For smooth & effective transition towards CTBCM and for the compliance of the MO functions and obligations as

stipulated under the MO license, it is crucial that the adequate human resources are available to undertake their respective functions and are equipped with requisite technical knowledge and skills.

Now there is a need to hire some vacant positions required to undertake not only the emerging tasks resulting from the formal commencement of CTBCM in April 2023, but also to equip them in advance on the related skills and tools that would make them enables to undertake their responsibilities.

On the above justification 4 vacant position are proposed to be filled in MOD department.

IT department with an increase in the number of software development projects being undertaken in-house, complex data center operations, and information technology governance requirements, it is essential to have the right number of IT professionals. Additionally, the need for IT Governance, Service Management, and foolproof Information Security infrastructure has become paramount. It is pertinent to mention, that the IT industry is constantly evolving, and it's essential for CPPA to have professionals who are up-to-date with the latest technologies and trends. Having the right number of IT professionals on staff will ensure that CPPA stays competitive and can take advantage of new initiatives being taken including a gigantic task of developing integrated systems for the Market Operator function of CPPA owing to the grant of license to operate. As the number of interventions grow, the IT department needs to scale accordingly to support the growing needs of the business and to ensure that the organization is well-equipped to handle software development projects, data center operations, information technology governance requirements and a sound information security infrastructure. This will help to strengthen the organization's defenses against cyber threats, provide opportunities for career development, and ensure that the organization stays competitive. It will also support the scalability of the IT department as the business under the purview of CPPA grows.

On the above justification 7 vacant position are proposed to be filled in IT department.

Legal Department is involved with the operational matters emanating from the market operator functions and of CPPA(G)'s agency role, and the interface. The legal department has been also involved with court appearances, watching briefs over sensitive sectoral matters, preparations/representations for safeguarding the interest of CPPA-G before different statutory forums. it is submitted that the recruitment is required for Regulatory Affairs and Compliance which is to comprise of additional resources. The hired resources dedicated for Regulatory Affairs would ensure that all such matters be addressed effectively without impinging upon CPPA(G)'s other legal matters. Further, induction of the

vacant posts would ensure that each 'silo' within the Legal Department is fully staffed and able to effectively leverage in-house human capital in order to respond to all of CPPA(G)'s legal matters.

In this regard 3 vacant position are proposed to be filled in Legal department.

Company Secretary Department performs essential functions for CPPA-G Employees Gratuity Fund (CPPA EGF) and CPPA-G Employees Contributory Provident Fund (CPPA ECPF) like maintaining updated Trust deed and Rules compliant with the ICT Trust Act, 2020, Income Tax Ordinance, 2001, Income Tax Rules 2002, Companies Act, 2017 and all other applicable laws., accounting and financial reporting of the Funds, coordination with auditors of the Funds, maintain accounting record of the Funds in Oracle financial module, timely placement to ECPF & EGF funds in risk free Islamic mode of investment with the view to gain maximum profits, registration of the Funds under Islamabad Capital Territory Trust Act, 2020, correspondence with Tax authorities for exemption from withholding taxes and follow-up refunds taxes already withheld.

These funds are growing with the passage of time. In order to cater the potential for increased volume and compliance of the funds with the applicable laws, the vacant posts to be filled in Company Secretary department.

On the above justification 3 vacant position are proposed to be filled in Company Secretary department.

Internal Audit Department & Risk Management Department is primarily responsible to provide independent and objective opinions/conclusions to the audit committee regarding adequacy and effectiveness of CPPA's governance, risk management and control processes. In addition, IA is responsible to provide consulting advisory service and special assignments, on management request or Audit Committee directions.

In addition to legacy role of CPPAG, the CTBCM represents a paradigm shift from the legacy Single Buyer Market to multiple buyer model and will have major impact on the current business processes and functions of CPPA. These may give rise to risks which are not yet fully understood, recognized and addressed but has potential to cause significant risk for CPPAG. To address these emerging risks and ensure effective, efficient and coherent governance and internal control system, Internal Audit is expected to understand the legal framework of wholesale market (such as, Market commercial code, procurement regulations, open access regulation and proposed rules) and its impact on existing CPPAG operations, and to assess the design and operational effectiveness of the structures and systems developed and implemented along with its integration with existing processes.

Considering the facts 5 vacant post to be filled in IA department and 2 post to be filled in Risk Management department.

CPPA-G vacant positions is very crucial and required to be filled at earliest to address the increased workload of CPPA-G. Currently, the existing staff is over burden so distributing the workload is much essential. Inducting new employees is necessary for tasks completing efficiently, meeting deadlines, and delivering exceptional results.

In this regard the Authority is requested to allow the cost to be incurred against the proposed new hiring in the budget of FY 2023-24.

Training and Capacity Building: - Training employees is essential for organizational success as it enhances their skills, knowledge, and productivity. It equips them with up-to-date industry practices, fosters innovation, and improves job satisfaction, leading to increased employee engagement and retention. Ultimately, investing in employee training ensures a competent workforce capable of meeting business objectives and adapting to evolving market demands.

This head includes cost associated with training for job-related technical and soft skills specialized courses/workshops planned for the employees of CPPA-G in FY 2023-24. This strategic allocation of resources aims to enhance our workforce's skillset, fortify our organization's position, and foster a culture of excellence. The required budget will be utilized across various departments including Finance Rs. 2.06 million, Technical Rs. 1.57 million, MOD Rs. 6.9 million, HR& Admin Rs. 1.25 million, Plan Implementation Unit (PIU) Rs. 3.93 million, Legal Rs. 0.38 million, Information Technology Rs. 1.46 million, Company Secretary Rs. 1.19 million, and Internal Audit Rs 1.14 million.

Specifically, it also includes the training for advanced technical skills enhancement in our pursuit of operational excellence as it will empower our workforce to overcome industry challenges and increase their operational efficiency. Additionally, adding training for soft skills development, focusing on effective communication, collaboration, leadership, diversity & inclusion, and adaptability. By investing in our employees' soft skills, we aim to ignite synergy, drive superior performance, and achieve substantial returns.

Furthermore, adding Market trainings and capacity building of all stakeholders in the power sector for effective implementation of CTBCM and operations of the competitive market. Market Operators across the globe are mandated to offer and organize market-related trainings to the market stakeholders. For

this purpose, Power Sector School of Excellence has been established in collaboration with Lahore University of Management Sciences (LUMS) which will roll out various trainings among the participants nominated by power sector organizations. Furthermore, corporate trainings (including soft skills trainings) are envisaged for CPPA employees.

The Authority is requested to approve an amount of Rs. 20 million for FY 2023-24 under the head of training & capacity building.

Consultancy Services: - The proposed consultancy services for FY 2023-24 as follows:

Headhunting & Testing Services is required to make the process of recruitment transparent and fair CPPAG hired the services of third party since 2021-2022 in this head mostly includes outsourcing of Recruitment Firm, Engagement of Head-hunting Company for the transparency in Hiring process of CPPA, Currently CPPAG hiring Assistant Managers and MTOs through Open Testing Services and Deputy Managers and above through People Headhunting Firm. The proposed budget for Headhunting & Testing services is Rs.3.9 million for FY 2023-24.

Economics Consultant for PIU plays a pivotal role in informing policy formulation and decision-making processes through advanced economic analysis and modeling techniques. Their expertise in macro-econometric and micro-econometric models, coupled with simulation and data analysis using software packages, enables them to provide valuable insights for policy formulation. Their support in developing a dis-aggregated Computable General Equilibrium (CGE) model for the energy sector of Pakistan facilitates the evaluation of energy policies and their impact on energy prices, production, consumption, emissions, GDP, and employment. It is necessary for economic analysis of various policy recommendations including tariff increases, industrial support packages, long term energy scenarios etc. Additionally, their skills in economic forecasting, risk assessment, research, and collaboration with stakeholders further contribute to evidence-based decision making and the integration of economic analysis into useful products. The Authority has also directed CPPA-G regarding need of economic analysis before any policy implementation. The proposed budget for Economics Consultant Rs. 18 million for FY 2023-24.

Business Process Restructuring Consultant for PIU is required in-depth assessment of the organization's existing processes, Identify process bottlenecks, inefficiencies, and areas for improvement. Collaborate with key stakeholders to understand business requirements and goals and develop a BPR strategy, including objectives, approach, and timeline. Redesign processes, incorporating best practices and

innovative solutions. Create detailed process maps, standard operating procedures, and documentation. Provide guidance and support during the implementation phase. Monitor and measure the performance of reengineered processes. Conduct regular progress updates and communicate findings to stakeholders. The proposed budget for Business Process Restructuring Rs. 9 million for FY 2023-24.

Business Reengineering Consultant for MOD has provided significant contributions and value addition at CPPA-G and has played a pivotal role in CPPA getting the MO license from the Authority. Importance of "BPR Consultant" role significantly increased, when it was decided that the MMS application will be developed in-house by the IT department. "BPR Consultant" got the additional responsibility of Business Analyst for MMS Project. His role was to act as a mediator between the business functions team and IT team, and he was responsible to develop of the requirement specifications for the MMS application implementation. With reference to the NEPRA CTBCM Dry Run Plan under the MO License determination, "BPR Consultant" is currently engaged in the development of MMS Phase-2 modules which is a on-going project and envisaged to complete by 2024 as per the NEPRA approved test run plan. Additionally, "BPR Consultant" has also proposed and streamlined various new practices and processes of the market operations and development for MOD. One of his vital contributions is to successfully rollout Agile Project Management framework which helped MOD and IT Department to work in a collaborative way for rapid application development and that significantly reduced the development time and improved the product quality. In addition to this, an amount of Rs 8.4 million has been budgeted for ongoing support in Business Process Re-engineering/process refinement.

Legal Consultant for MOD is required for disputes and matters of litigation may arise from the MO's role in the wholesale competitive market. Safeguarding MO against such eventualities and ensuring smooth functioning of the CTBCM shall be a priority matter. As a prudent measure, Legal services from legal firms and technical experts may be required, for which Rs 3 million has been budgeted.

Professional Services for CPPA IMS Audit (Internal & External) is required Certifying and Accrediting CPPA-G for ISO 20000 & ISO 27001 (The Information Security Management System (ISO27001) at CPPA-G ensures the security of critical processes and information within CPPA-G and its interactions with regulatory bodies, government entities, and external parties. This encompasses internal operations, services provided by CPPA-G, and the necessary supporting processes, technology, and information. On the other hand, ISO20000 focuses on the planning, management, and delivery of IT services to internal departments and web portal services for external government and private entities. These services can

include IT infrastructure management, asset management, ERP system support, business applications and portal development, email exchange, network connectivity, information backup, internet service, software development and QA, and IT support services. The proposed budget for Professional Services for CPPA IMS Audit (Internal & External) Rs. 3 million for FY 2023-24.

Techno Commercial Consultant is assisting the legal counsel in explaining techno-commercial facts and identifying pertinent documents for arbitration cases, the consultant ensures a strong foundation for legal proceedings. Secondly, appearing as a witness or knowledgeable expert before local and international arbitration tribunals showcases their expertise, strengthening CPPA's position in such proceedings. Thirdly, providing input on the Solarization initiative based on experience with existing EPAs and relevant power policies aids in informed decision-making for the government's renewable energy goals. Additionally, ensuring effective liaison with the Privatization Commission facilitates smooth privatization of government-owned power projects, safeguarding CPPA's interests. Lastly, assisting the IT Department in digitizing CPPA/WPPO records promotes efficient data management, accessibility, and data-driven decision-making within the organization. In addition to this, an amount of Rs 15.6 million has been budgeted for ongoing services.

Tax Consultant is required for tax compliance, advisory and income / sales tax appeal services related to CPPA-G. The proposed budget for tax consultancy and tax appeals Rs.3 million for FY 2023-24.

In this regard the Authority is requested to allow the cost to be incurred against the consultancy services for FY 2023-24.

The Authority is requested to allow total of Rs. 1,660 million under the head of General Establishment Cost.

It is delineated that the requested expenses are legitimate and essential in nature and any reduction in these expenses would result in disruption of operational activities of CPPA-G. Hence the Authority is also requested to allow the actualization of expenditure of General Establishment Cost based on the audited financial statements of FY 2023-24 when available.

4.2. ADMINISTRATIVE COST

The sub heads of administrative expenses are rent, rate & taxes, power light & water, telephone internet fax & Postage, office supplies and other expenses, subscription of periodicals, presentation &

entertainment, travelling expenses, BOD and auditor fees, Office running expenses (outsourced services) advertisement & publication expenses, NEPRA Petition fee and NEPRA Licenses fee.

The head wise breakup of the cost proposed for FY 2022-23 is as follows:

Description	Mln.Rs	
	FY 2022-23	FY 2023-24
	Allowed	Requested
Rent Rate & Taxes, Power Light, Communication etc.	128	155
Office Running Exp.(outsourced services)	11	18
NEPRA Licence Fee & Petition Fee	17	17
Office Supplies & Other Expenses	60	88
Total	216	278

The administrative expenses are proposed at Rs. 278 million for FY 2023-24 as compared with the last year allowed figure of Rs. 216 million for FY 2022-23. This has increase of 29% over the last year allowed administrative cost. The proposed administrative cost along with justifications is discussed in detail in the following paragraphs.

Rent, Rate & Taxes: - These expenses are mainly related to the building rent, being paid for occupying office space to carry out CPPA-G operations. There would be an Increase of 15% in the rent of office building as the contract is expiring in September 2023 and new contract will be effective after increased rates. Last year CPPA-G also held around 2,325 and 1,589 square feet space in WAPDA house and sunny view Lahore respectively, Recently, CPPAG has evacuated the office space of 2,325 sq/ft of WAPDA House so currently the budget for 1,589 sq/ft is estimated with the revised rates by WAPDA House. The estimated rent of the office is around Rs. 100 per square feet. The total amount required in this head are Rs. 115 million for FY 2023-24.

Power light and Water: - In order to estimate expense in this head the electricity bill of building is assumed @ 1.8 million p/m for each financial year, keeping in view expected increase in electricity prices and the average historical bill of almost of same size NEPRA building. Water expenditures are assumed around Rs. 1.2 million and after consolidating the above figures an amount of Rs. 22.9 million for FY 2023-24 are proposed in the head of power, light and water.

Communication: - This head mainly includes the following expenses:

- Internet bandwidth and email services amounting to Rs. 6.6 million (recurring cost).
- Reimbursement of employees' official cell phone connection as per approved limits amounting to Rs. 9.7 million.
- Telephone charges & courier for external communication amounting to Rs. 1.5 million.

Keeping in view the historical trend of these expenses an amount of Rs. 17.8 million is proposed for FY 2023-24.

Office Running Expenses (Outsourcing Services): - This head includes services mainly relevant to followings:

Security Services: CPPA is a public sector entity and its building is located in commercial area which is vulnerable to security risks, due to which a 24/7 security is required to protect the building and the valuable assets of the company. Therefore, the Company engaged the services of a seasoned guarding services by 3rd party to provide security round the clock. The proposed budget for security services for FY 2023-24 is Rs. 7.8 million.

Outsource Staff: Upon shifting to a six-story building i.e., Shaheen Plaza Blue Area with a 57,000 sqft area and with increased employees in the professional cadre, dire need of support staff was envisaged to keep the housekeeping intact. Secondly due to non-sanctioned posts and to meet the exigency, CPPA outsourced the supporting staff to meet the urgent requirement. The proposed budget for outsource staff for FY 2023-24 is Rs. 3 million.

Creative Agency: was hired to offer a fusion of branding and communications with digital marketing and graphic design. This creative agency is offering the CPPA a range of specializations and experience in areas from designing instruments of communication such as Annual Reports, Periodic Reports, newsletters, brochures, flyers etc. that are used in different mode of communication by the organization while dissemination of the required information to respective stakeholders. Not only this, but the agency also helping the CPPA in designing of the MO website which is being developed in contrast with the international modern websites. Other activities that are facilitated by the agency are development of corporate identity such as logos, employee id cards, visiting cards, letterheads, signatures etc. This is essential in the beginning years of MO to establish itself as a key player in the power sector. Furthermore, the strategy to keep lean the communication department coupled with the branding and

communications requirements identified above, the onboarding of the creative agency is necessary. The proposed budget for creative agency for FY 2023-24 is Rs. 3 million.

Other Services include Mineral water, Newspapers, TV Cable, Cleaning & Pest Control Service, Elevator Services, Generator services, Record Shifting, Glass Window Cleaning Services and etc. The proposed budget for these services for FY 2023-24 are Rs. 3.9 million.

Keeping in view the recent hike in prices, the budget in this head is proposed to be Rs. 17.7 million for FY 2023-24.

NEPRA Licensing Fee & Petition Fee:- This head mainly includes the CPPA-G annual licensing fee and petition fee to the Regulator. The proposed budget in NEPRA Licensing Fee & Petition Fee head Rs. 17 million.

The Authority is requested to approve an amount of Rs. 17 million for FY 2023-24 under the head of NEPRA Licensing Fee & Petition Fee.

Others Administrative Expenses: - The remaining head of administrative expense consists of office supplies, entertainment, travelling, advertisement and publications, BOD and auditor fee, and other expenses. These are recurring expenses and normal inflation is applied on last year actual expenditure. Other administrative expenses are proposed at Rs. 88 million for FY 2023-24 against the last year allowed figure of Rs. 60 million for FY 2022-23.

In this regard, the Authority is requested to approve an amount of Rs. 278 million under the head of Administrative Cost.

Furthermore, it is delineated that the requested expenses are legitimate and essential in nature and any reduction in these expenses would result in disruption of operational activities of CPPA-G. Hence the Authority is also requested to allow the actualization of expenditure of Administrative Cost based on the audited financial statements of FY 2023-24 when available.

4.3. INSURANCE, FINANCIAL CHARGES

The insurance expenses of Rs. 4 million for FY 2023-24 is proposed for its various assets like office cars, I.T equipment and other assets. Financial charges are normal bank charges, charged by banks against total transactions / projected payments of over Rs. 1.5 trillion. Finance charges of Rs. 2 million is proposed for FY 2023-24.



Furthermore, it is delineated that the requested expenses are legitimate and essential in nature and any reduction in these expenses would result in disruption of operational activities of CPPA-G. Hence the Authority is also requested to allow the actualization of expenditure of Insurance and Financial Charges based on the audited financial statements of FY 2023-24 when available.

4.4. OFFICE OPERATIONS, SERVICES & MAINTENANCE

The office operations, services & maintenance expenses consist of repair and maintenance of furniture, office equipment, vehicle, IT equipment's, I.T services, software's and running cost of vehicle inclusive of fuel, oil and lubricants, annual fee and token taxes.

The head wise breakup of the cost proposed for FY 2023-24 is as follows.

Description	Mln.Rs	
	FY 2022-23	FY 2023-24
	Allowed	Requested
R&M General	5	7
I.T Services (Email Sevices,Internet Expansion, Software Renewals, & etc)	45	95
Vehicle Running Cost POL, Rapair & licences	21	34
total	71	136

The office Operations, Services & Maintenance expenses are proposed an amount of Rs. 136 million for FY 2023-24, against the last year allowed amount of Rs. 71 million. The proposed Office operation, services & maintenance cost along with justifications is discussed in detail in the following paragraphs.

Repair & Maintenance General:- This head includes R&M of office furniture, Sanitary & Plumbing works, Carpentry items, Electrical Fixtures, Gardening, R&M Lifts and other misc items. These expenditures mainly relate to office day to day operations. The budget in this head is proposed to be Rs. 7 million for FY 2023-24.

The Authority is requested to allow an amount of Rs. 7 million for FY 2023-24.

IT Services:- This head mainly includes the cost related to software licenses fee, I.T support, I.T services and I.T repair & maintenance. These expenses represent annual subscriptions and licence renewal of already executed contacts. The head wise breakup of the cost proposed for FY 2023-24 is as follows:

Actions	Annual Cost	Recurring/New	Detail
Software licenses Fee			
MS Office 365 E3 & Azure Account and Cloud Storage	15,000,000	Recurring	Annual Subscription of Microsoft Office 365 E3 Licenses (Sharepoint ECM, MS Office, MS Teams, One Drive etc)
Adobe CC 2019 Package (Creative Cloud for Teams - Annual Subscription) Renewal	263,000	Recurring	Annual Subscription to be paid for Graphics Designing Tools.
GenyMotion (Emulator for Android Development -Annual Subscription) Renewal	52,347	Recurring	Emulator for Android Development - Annual Subscription Renewal
IOS Store Account	47,016	Recurring	It is required to publish IOS apps that will be developing for CPPA-G
Power Apps and Power Automate Licenses	378,540	Recurring	Provide professional developers the tools to seamlessly extend app capabilities with Azure Functions and custom connectors to proprietary or on-premises systems.
Dark Trace (Enterprise Immune System) License renewal	5,967,000	Recurring	Renewal - To provide Darktrace's Enterprise Immune System in CPPA network which determines what data is collected and what information Darktrace is able to use for analysis. Using machine learning and AI algorithms, Darktrace creates a unique behavioral model that defines this 'pattern of life' for each device, user and the network as a whole.
Info Blox (Blox One DDI & Threat Defence Advanced)	6,800,625	New in FY 23-24	To protect corporate users and roaming users of CPPA from DNS based Threat Vectors and to provide the visibility what is going on DNS protocol. Price is locked in USD and payment will be made in PKR
Oracle EBS Applications License (Renewal of Licensing)	1,300,000	Recurring	Oracle Support Renewal for ORACLE EBS which is procured for ERP Phase-I Oracle Support Renewal is essential for

			organizations that rely on Oracle products and services to run their business operations. support is critical for ensuring that your organization's systems remain secure, perform optimally, and comply with industry
Oracle Database Enterprise, SOA Suit, Data Integrator, WebLogic Support Renewal	6,500,000	Recurring	Oracle support renewal is essential for organizations that rely on Oracle products and services to run their business operations. support is critical for ensuring that your organization's systems remain secure, perform optimally, and comply with industry regulations. It also provides access to technical support and new features, maximizing the value of your investment in Oracle products.
Oracle Enterprise Linux Support Renewal	2,000,000	Recurring	Operating System of Test and Production Servers of ERP.
Solar Wind NPM License Renewal	500,000	Recurring	Solar Wind NPM License Renewal agreement has been signed between CPPA-G and M/s Techaccess for 3 years starting from 18th April 2021. Next renewal is due on 19th April 2023 followed by yearly payment to M/S Techaccess
Renewal of Symantec Antivirus Endpoint Protection (200 Clients) with Techaccess+100 Additional License	1,375,000	Recurring	Symantec Antivirus Endpoint Protection (200 Clients) License Renewal agreement has been signed between CPPA-G and M/s Techaccess for 3 years starting from 12th May 2021. Next renewal is due on 11th May 2023 followed by yearly payment to M/S Techaccess
CPPA-ZOOM Account Yearly Renewal. License Expiry Date: Sep 15, 2023 and one New Account	150,000	Recurring	ZOOM account has been purchased which is due for renewal on Sep 15, 2022.
Git Hub Team	24,036	Recurring	GitHub, Inc. is an Internet hosting service for software development and version control using Git. It

			provides the distributed version control of Git plus access control, bug tracking, software feature requests, task management, continuous integration, and wikis for every project.
The Maintenance & Renewal of Support Services and Service Level Agreement (SLA) For Servers, Storage Software and Network Equipment (with parts)-Renewal of agreement with CNS-E	11,774,817	Recurring	The Maintenance & Renewal of Support Services and Service Level Agreement (SLA) For Servers, Storage Software and Network Equipment (with parts)-agreement has been signed between CPPA-G and M/s CNS-E for three years starting from 2020. The support contract is required for continuity of business in case of any fault occurred in critical IT equipment (Servers, Storage Network Equipment etc)
Software- SDDP	6,300,000	Recurring	SDDP is a hydrothermal dispatch model with representation of the transmission network and used for short, medium and long term operation studies. The model calculates the least-cost stochastic operating policy of a hydrothermal
Power BI Premium Account Per User Account Twelve Users	600,000	New in FY 23-24	Power BI is used for graphical presentation.
TIMES (1x License) To be used for energy modelling, demand, supply and balances etc.	2,693,250	New in FY 23-24	To be used for energy modelling, demand, supply and balances etc.
Dynamic Application Security Testing (DAST) Tool and Penetration Testing	3,000,000	New in FY 23-24	DAST tool and Penetration testing will help to test web applications of CPPA-G in aspects of information and cyber security, to avoid any type of vulnerabilities, information loss, cyber attacks etc
Canva Pro (Online Designing Tool)	22,500	New in FY 23-24	This software is used for designing.
Cloud Service for APPs & Database CDXP Application & Database Backup	750,000	New in FY 23-24	For Integrated Management System (IMS) Policy compliance to Enable Business Continuity Plan
Support & Services			

Website Domain Name Registration	10,000	Recurring	CPPA-G's Web hosting new server and domain Registration Fee needs to be paid annually
Web Hosting Services Charges (VPS Hosting)	200,000	Recurring	CPPA-G's website along with monitoring portal, windforecast portal to a better hosting service so that 99.9% uptime can be achieved
ERP Phase-I (Renewal of Support)	22,169,727	Recurring	Annual Support Renewal of ERP Phase -I
DELL Storage SCV3020 Expansion support renewal	700,000	Recurring	For 20 Disk support renewal is required as the existing DELL support is expiring in April 2024
Old Record Migration to ECM	2,000,000	Recurring	Digitization of Old Historical Record to ECM to Vendor
Backup Server Hosting with M/S Nayatel (RACK SPACE Hosting)	750,000	Recurring	Support services from Nayatel to Backup Server Hosting (RACK SPACE Hosting)
Maintenance & Support Services for IT Infrastructure including Data Centre & backup Site Facilities (with parts)- Renewal of agreement with Fortek	1,753,169	Recurring	Maintenance & Support Services for IT Infrastructure including Data Centre & backup Site Facilities (with parts) agreement has been signed between CPPA-G and M/s Fortek for Three Agreement Years (Started from 16-02-2021) the support contract is required for continuity of business in case of any fault occurred in datacenter facility
Maintenance & Support Services for IT Infrastructure including Data Centre & backup Site Facilities (with parts) and additional UPS - New agreement required	1,000,000	Recurring New Agreement	The current support services are ending on 15- Feb, 2024. After the expiry new support contract to be awarded
Repair & Maintenance			
Misc. (External Hard Disk, USB Flash ,ATAs, & Data Recovery services etc, Laptops computers, Printers Repair Not covered under warranty)	500,000	Recurring	Purchase of Misc IT Equipment or Services like External Hard Disk, USB Flash , & Data Recovery services etc, Laptops computers, Printers Repair which Not covered under warranty
Total	94,581,026		

The Authority is requested to allow an amount of Rs. 94.5 million for FY 2023-24 in the head of I.T Services.

Vehicle Running Cost:- This head includes the following:

Vehicle running cost (Petrol/ Diesel, Oil lubricant & etc) amounts to Rs. 29 million. The major increase in this head is due to recent hike in oil prices as well as expected future increase in Petrol Oil and Lubricant prices in international and local market.

Vehicle R&M and vehicle registration & annual token tax amounting Rs. 5 million representing nominal increase has been assumed in FY 2023-24.

The Authority is requested to allow an amount of Rs. 34 million for FY 2023-24 in the head of vehicle running cost.

In view of above, the Authority is requested to approve an amount of Rs. 136 million for FY 2023-24 in the head of office operations, services & maintenance.

Furthermore, it is delineated that the requested expenses are legitimate and essential in nature and any reduction in these expenses would result in disruption of operational activities of CPPA-G. Hence the Authority is also requested to allow the actualization of expenditure of Office Operations, Services and Maintenance based on the audited financial statements of FY 2023-24 when available.

4.5. CAPITAL EXPENDITURE

The requirement of capital expenditure for FY 2023-24 have been estimated in the following categories.

- ✓ I.T Equipment and Software's.
- ✓ Other capex.

The summary of CAPEX required for FY 2023-24 is given as below;

Description	Mln. Rs.	
	FY 2022-23	FY 2023-24
	Allowed	Requested
IT Equipment & Software	110	53
Other Capex	5	12
Total	115	64

IT Equipment and Software's:- The Proposed Capex in head of IT equipment and Software for FY 2023-24 as follows:

Actions	Amount	Requirement Reasons
IT Infrastructure Transformation		
Laptops Core-i7, 16GB RAM, 512 SSD Hard Disk or latest SPECS	10,000,000	As Per IT Asset Policy Acceptable Use of Life of Laptops is Three Years, whereas current operational stock contains 49 Laptops ageing more than Four Years. Further, 77 New Employees are expected to join the company in FY 23-24.
Window Server 2022 Licenses	2,000,000	CPPA critical IT services which will be hosted on the newly procured server will run on Window Server machines will require Window servers licenses for security and smooth operations.
Additional Licenses for Solarwinds Network Performance Monitor	1,500,000	Addition of 100 Nodes to Already purchased Solarwind NPM. Critical for monitoring Network Equipment & Services and patch management
Analog Telephone Adapters (8 ATAs)	1,000,000	Currently 8 ATAs are faulty needs to be procured for activation of Hostbased Exchange Solution
SAN Storage for Primary Datacentre Site	5,000,000	6TB Usable SAN Storage is end of life and end of support needs to be replaced for providing storage needs of business applications
Server	5,000,000	Four Servers are end of life needs to be replaced with the new one with OEM Warranty and Support
Datacentre Expansion Phase-II	2,000,000	For enabling CTBCM and ensuring 24/7 availability of services the current CPPA-G's Datacentre space is being used at its full capacity. Therefore new datacentre facility is required to be established.
Datacentre Expansion Phase-I Additional Works Pending payment for 22-23	2,283,152	During Datacentre Phase I some necessary additional work was performed by the successful bidder for which the payment is pending.
Firewalls (Already Purchase Order Issued- Delivery delayed due to LC opening restriction)	20,797,088	(Already Purchase Order Issued- Delivery delayed due to LC opening restriction)
Hardware- Equipment for video recording	3,000,000	Video recording is required online meeting
Total	52,580,240	

The Authority is requested to allow an amount of Rs. 52.5 million for FY 2023-24 in the head of IT software's and equipment.

Other Capex:- In other capex, procurement of New racks at basement for record after scanning, Security Cameras in CPPA-G Building, Renovation work at lower ground of building, Extension of daycare and ladies

common room and purchase of office chairs. The Authority is requested to approve an amount of Rs. 11.7 million for FY 2023-24 the head of other capex.

Furthermore, it is delineated that the requested expenses are legitimate and essential in nature and any reduction in these expenses would result in disruption of operational activities of CPPA-G. Hence the Authority is also requested to allow the actualization of Capital Expenditure based on the audited financial statements of FY 2023-24 when available.

5. RECOVERABLE LOAN ADVANCES TO EMPLOYEES

As a practice in public sector organizations, CPPAG tends to take care of employees' personal and social needs so that they are in a better position to perform their duties. Employee loan has been approved by BoD of CPPAG, to be disbursed upon certain eligibility criteria in terms of service tenure with CPPAG. Hence, the budget amount in employee loan has been incorporated for eligible employees only and will be recoverable in equal monthly installments. As per the approved SOP, the loan amount shall not exceed the terminal benefits available on the date of loan disbursement.

The Authority is requested to allow an amount of Rs. 88 million for FY 2023-24 for employee's loan.

6. PRIOR YEAR ADJUSTMENT (PYA)

The Authority has determined the MOF of Rs. 3.48/kW/M to meet the revenue requirement of the Company for FY 2022-23. Therefore, the working of the PYA for FY 2022-23 (provisional) has been computed based on the determination of FY 2022-23 and expenditure of CPPA-G for FY 2022-23 as tabulated below:



FY 2022-23		
MOF Determined		1,152
MOF Recovery		1,092
		59.70
General Establishment Cost		
Determined	882	
Actual	943	60.90
Administrative Cost		
Determined	216	
Actual	208	(7.81)
Insurance & Finance Charges		
Determined	3.0	
Actual	2.3	(0.74)
R&M & IT Services		
Determined	71	
Actual	90	18.89
Capex		
Determined	115	
Actual	119	3.99
Other Income		
Determined	518	
Actual	1,266	(748.27)
Tax		
Determined	50	
Actual	189	139.37
Loan to Employees		
Determined	221	
Actual	214	(7.30)
Legal Charges (Sep-19 to Jun-23)		
Determined	-	
Actual	743	743.16
Differential of office rent & Other O&M		77.00
BYA for FY 2022-23		339

NEPRA in its decision of Periodic Adjustments in Tariff for the 3rd Quarter FY 2022-23 filed by XWDISCOs dated July 4th, 2023 stated that:

"Here it is pertinent to mention that the Authority in the determinations of CPPA-G Market Operation fee observed that CPPA-G reflects the costs incurred on account of legal / litigation charges in the capacity costs billed to DISCOs. In view thereof, CPPA-G was directed to include the said Cost in its market operation fees and got it approved from the Authority".

Since CPPA-G is engaged in the local and international legal proceedings in its capacity as agent of DISCOs, the litigation charges incurred by CPPA-G on behalf of DISCOs are passed on to DISCOs in accordance with the Article III of the Power Procurement Agency Agreement (PPAA) between CPPA-G and DISCOs dated June 03, 2015. Accordingly, CPPA-G has been requesting Authority to allow cost of legal charges in Quarterly decision of Periodic Adjustment in Tariff of XWDISCOs, but the Authority has disallowed cost of legal charges billed to distribution companies by CPPA-G which has piled up to Rs. 743.16 million from Sep-19 to Jun-23 (Annex-H). As per the Authority's direction, the cost of legal charges amounting to Rs. 743.16 million have now been claimed in Market Operation Fee.

Furthermore, It is brought to consideration of the Authority that, a reconciliation has been carried out for the actual office rent & other actual O&M expenses incurred by CPPA-G as per the audited financial statements and office rent & other O&M expenses allowed by the Authority in Market Operation Fee for FY-20 and FY-21. As per the reconciliation, the difference of Rs. 77 million is yet to be allowed by the Authority. The reconciliation has already been submitted to the Authority's perusal vide letter no. CPPA-G/2023/CEO/8970 dated: March 15, 2023.

Furthermore, it is delineated that the requested expenses are legitimate and essential in nature and any reduction in these expenses would result in disruption of operational activities of CPPA-G. Hence the Authority is also requested to allow the actualization of Capital Expenditure based on the audited financial statements of FY 2023-24 when available.

In view of the above submissions, the Authority is requested to allow Rs. 339 million in the head of Prior Year Adjustment.

7. COST ACTUALIZATION

It is delineated that CPPA-G, operating under Market Rules 2015 and performing various functions on behalf of DISCOs, meets its operational needs solely through Market Operation Fee determined by the Authority. It is important to highlight that around 70% of total Market Operation Fee represents salaries & wages of employees and remaining 30% portion covers other essential needs like office rent for space requirement, travelling, office supplies, repair & maintenance, BoD & Audit Fee, NEPRA Licensing Fee, IT services, capex etc. It is submitted to the Authority that all expenditures are essential and legitimate in nature and by applying a cut on the actual expenditure, CPPAG will be unable to run its operational



activities smoothly. Hence the Authority is requested to allow the actualization of expenditure based on the audited financial statements of FY 2023-24 when available.

8. PROPOSED MARKET OPERATION FEE

In view of the above discussion the summary of the revenue requirement including Legal Charges in PYA is provided hereunder.

Description	Mln.Rs	
	FY 23	FY 24
	Allowed	Requested
General Establishment Costs	882	1,660
Administrative Costs	216	278
Office Operations, Services & Maintenance	71	136
Insurance	2	4
Finance Charges	1	2
CAPEX	115	64
Total Revenue Requirement	1,286	2,144
Other Income	(518)	(997)
Recovery of Loan From Employees (FY 23 & FY 24)	-	(72)
Recoverable loan Advances to Employees	221	88
Tax	50	120
PYA	112	339
Revenue Requirement + CAPEX	1,152	1,622
Avg. MDI		
Rs. /kW/M		
	27,588	27,228
	3.48	4.96

The summary of revenue requirement without Legal Charges in PYA is provided hereunder.

Description	Mln.Rs	
	FY 23	FY 24
	Allowed	Requested
General Establishment Costs	882	1,660
Administrative Costs	216	278
Office Operations, Services & Maintenance	71	136
Insurance	2	4
Finance Charges	1	2
CAPEX	115	64
Total Revenue Requirement	1,286	2,144
Other Income	(518)	(997)
Recovery of Loan From Employees (FY 23 & FY 24)	-	(72)
Recoverable loan Advances to Employees	221	88
Tax	50	61
PYA	112	(404)
Revenue Requirement + CAPEX	1,152	820
Avg. MDI		
Rs. /kW/M		
	27,588	27,228
	3.48	2.51

9. PRAYERS:

- (i) In view of above submissions, it is respectfully prayed that the Authority may approve the Market Operation Fee @ Rs.2.51 per kW / Month for FY 2023-24. Considering the submission of CPPA-G regarding legal charges it is requested to allow pending legal charges in Quarterly decision of Periodic Adjustment in Tariff of XWDISCOs.
- (ii) In case submission (i) is not considered by Authority regarding legal charges, the Authority is requested to approve the Market Operation Fee @ Rs.4.96 per kW / Month for FY 2023-24 including legal charges.
- (iii) Authority is requested to allow the actualization of expenditure based on the audited financial statements of FY 2023-24 when available.
- (iv) Authority may allow immediate application of above-mentioned Market Operations Fee under Sub-Rule 7 of Rule 4 of the NEPRA (Tariff Standards and Procedures) Rules, 1998.
- (v) Any other relief which the Authority deems fit in the circumstances may also be granted.


(Rihan Akhtar) 16/8/23
Chief Executive Officer CPPA-G



National Bank of Pakistan
Super Market Branch, Islamabad (0854)

Cheque No 99974311

Pay National Electric Power Regulatory Authority or bearer

Rupees Nine Hundred Ten Thousand Pakistani Rupees And Zero Paise*****

Date

01 06 2008 20 20 20

PKR 910,000/-



IBAN: PK55 NBPA 0854 0030 5760 6195

CPPAG

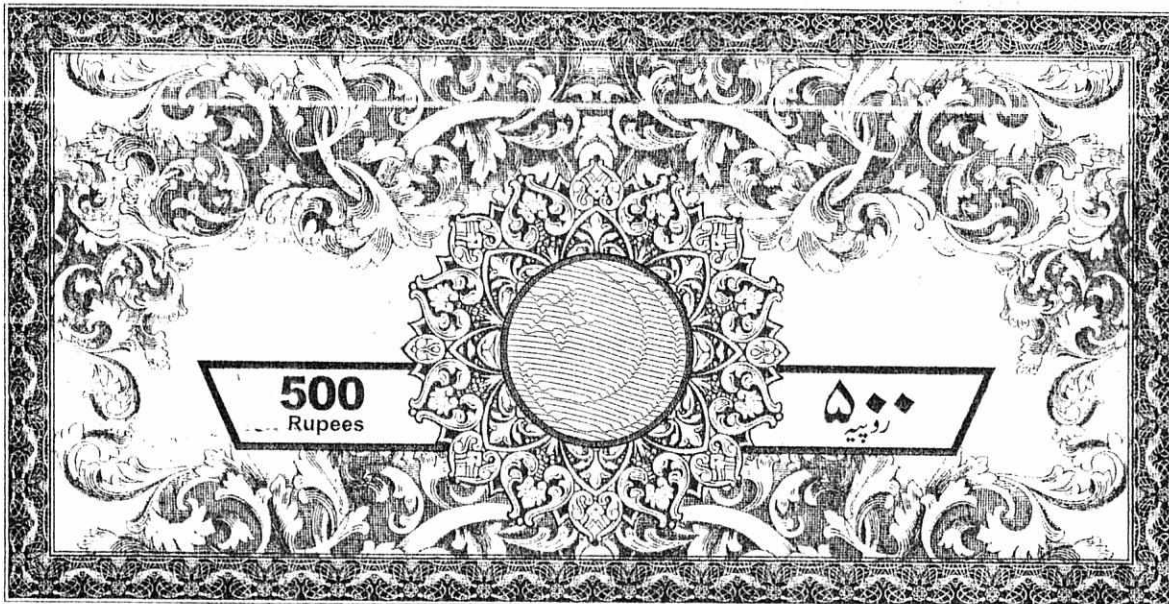
(Central Power Purchasing Agency Guarantee Limited)

Please do not write below this line.

[Signature]

Signature

99974311070085408540030576061950000



The Affidavit of the Chief Executive Officer of the Petitioner, in Support of the Application

AFFIDAVIT

I, Rihan Akhtar, Chief Executive Officer, Central Power Purchasing Agency (Guarantee) Limited being duly authorized representative / attorney of Central Power Purchasing Agency (Guarantee) Limited, hereby solemnly affirm and declare that the contents of the accompanying petition including all supporting documents are true and correct to the best of my knowledge and belief and that nothing has been concealed. I also affirm that all further documentations to be provided by me in connection with the accompanying petition shall be true to the best of my knowledge and belief.

DEPONENT

Rihan Akhtar
Chief Executive Officer





Central Power Purchasing Agency Guarantee Limited
A Company of Government of Pakistan



No. CPPA-G/2023/CS/ 5211-12

12th July, 2023

BOARD RESOLUTION VI / 94

APPROVAL OF CPPA-G BUDGET AND MARKET OPERATIONS FEE (MOF) FOR FY 2023-24


A meeting of Board of Directors of Central Power Purchasing Agency (Guarantee) Limited (CPPA-G) was held on 19th June 2023 at CPPA-G office, Shaheen Plaza, 73-west, Fazal-e-Haq Road, Blue Area Islamabad.

The Board of Directors of Central Power Purchasing Agency Guarantee Limited (CPPA-G) has;

- I. Resolved that "the training budget should be linked with the training need assessment."
- II. Further resolved that "CPPA-G Budget of Rs. 2,144 million and Rs. 88 million for Employees Loan for FY 2023-24 and its utilization as per Book of Financial Powers, be and is hereby approved."
- III. Further resolved that "trainings for Plan Implementation Unit (PIU) through World Bank Financing FY 2023-24 to FY 2024-25, be and is hereby approved."
- IV. Further resolved that "Chief Executive Officer be and is hereby authorized for re-appropriation of O&M and Capital expenditure budget among their respective sub-heads on the recommendations of CFO CPPA-G, as per allowed limit of Book of Financial Powers."
- V. Further resolved that "CPPA-G management be and is hereby authorized to file approved Budget, after incorporating Impact of Prior Year Adjustment, as CPPA-G's Market Operation Fee for FY 2023-24, before National Electric Power Regulatory Authority (NEPRA)."
- VI. Further resolved that "Chief Executive Officer: CPPA-G be and is hereby authorized to;
 - a. sign individually or jointly the necessary documents for filing of Market Operations Fee (MOF) application for MOF for FY 2023-24
 - b. file subsequent review motion petition after determination on the said application of FY 2023-24.
 - c. pay the necessary Market Operations Fee (MOF) petition filing fees.
 - d. appear before the Authority as needed and do all acts necessary for completion and processing of the applications."

CERTIFIED TO BE TRUE COPY

Certified that the above resolution was passed by the Board of Directors of Central Power Purchasing Agency (Guarantee) Limited in its 94th meeting held on 19th June 2023 and has been duly recorded in the minutes book of the Company.


Noman Rafiq
Company Secretary



Distribution:

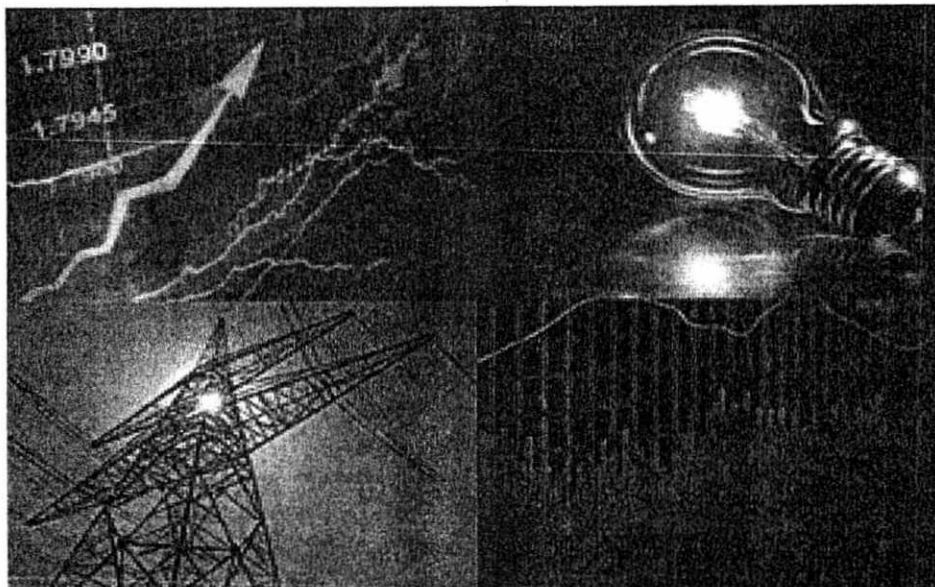
- i. Chief Financial Officer, CPPA (G) Ltd.

CC for Information:

1. Chief Executive Officer, CPPA (G) Ltd.



HUMAN RESOURCE & ADMIN PROGRESS REPORT JAN-JUN 2023 (Q1, Q2)



CENTRAL POWER PURCHASING AGENCY GUARANTEE

Introduction:

This report succinctly details the key development areas and progress made by the Human Resource & Admin Department CPPA-G during the last two quarters i.e., from **January to June 2023**, as directed by NEPRA as an obligation under determination of its market fee. Here at CPPA-G, HR&A Department has transformed itself from support function to a corporate Business Partner and takes every step to support the organization functions while maintaining a congenial & conducive working environment.

Brief Details of HR&A Functions:

HR&A department covers multitude of HR functions to provide smooth and non-stop services to all the sections of CPPA-G. The synopsis of HR role is given as under:

HR Operations <ul style="list-style-type: none">➤ HR Service Delivery➤ Employee Record Mgt➤ Employee Relations➤ Contract & Vendor Mgt	Recruitment & Selection <ul style="list-style-type: none">➤ Job Advertisement➤ Written Test & Interview➤ Onboard & Orientation➤ Offer & Acceptance	Compensation & Benefit <ul style="list-style-type: none">➤ Payroll Processing➤ Exit Management➤ Employee Terminal Benefits➤ Group Health Insurance➤ Life Insurance
Organization Development <ul style="list-style-type: none">➤ Organization Restructuring➤ Policies & Procedures➤ HR Manual➤ Employee Handbook➤ Recreation Activities	Training & Development <ul style="list-style-type: none">➤ Training Need Assessment➤ Profiling of Training Needs➤ Training Programs in collaboration with PPRA Rules➤ Training Feedbacks & ROI	HR Legal Framework <ul style="list-style-type: none">➤ Employee Grievance➤ Legal Matters➤ Legal Compliance➤ Contract Management
Procurement & Logistics <ul style="list-style-type: none">➤ Ensuring all procurements while following the designated Supply Chain procedures➤ Keeping ample quantity of different kinds of entities' stocks	Fleet Management <ul style="list-style-type: none">➤ Vehicle Record Keeping➤ Vehicle Fuel Management➤ Vehicle Timely Maintenance➤ Vehicle Tour Operations	Facility Management <ul style="list-style-type: none">➤ Keeping Office Ambiance➤ Facilitating all in-house meetings/trainings etc➤ Office House Keeping➤ Travel Arrangements

HR&A and Support Staff Working Strength:

HR&A Department	
Functional Head	01
Deputy Manager	02
Additional Deputy Manager	03
Assistant Manager	01
Admin Officer	01
Assistant Private Secretary	01
Senior Assistant	02
Transport Supervisor	00
Support Staff	
Caretaker	01
Drivers	08
Electrician	01
Naib Qasid	20
Sanitary Workers	05
Daily Wager	02

CPPA-G Departments & its Functions:

Finance Department:

All financial matters of CPPA, both internal and external are performed by this department. The core functions which are performed under this department for CPPA-G includes:

- Billing and Settlements
- DISCOs and Bulk Consumers Billing
- Internal Accounting
- Market Accounting
- Treasury

Finance Department Working Strength:

Finance Department	
Functional Head	01
General Manager	02
Deputy General Manager	01
Senior Manager	04
Manager	04
Additional Manager	05
Deputy Manager	10
Additional Deputy Manager	04
Assistant Manager	10
Accounts Officer	02
Assistant Personal Secretary	01

Technical Department:

This department manages the procurement of power and energy on behalf of DISCOs through negotiating and finalizing Power Purchase Agreements (PPAs) and Energy Purchase Agreements (EPAs) with the generators. In addition, the Technical Department is also responsible for the verification of the invoices raised by the NTDC and generators. The core activities of this department include:

- Procurement of power on behalf of DISCOs
- Establishing contracts for supply
- Coordination with PPIB, AEDB, Ministry of Energy (MOE) Power Division, Ministry of Finance, Ministry of Law and other governmental agencies
- Meter Readings Management
- Supplier and NTDC Invoice Verification
- Meter Audit & Annual Capacity Testing of Power Plants

Technical Department Working Strength:

Technical Department	
Functional Head	01
Deputy General Manager	02
Manager	05
Additional Manager	03
Deputy Manager	07
Additional Deputy Manager	03
Assistant Manager	12
Assistant Personal Secretary	01
Technical Assistant	01

Market Operations & Development (MOD):

This department of CPPA-G leads the development of a competitive wholesale electricity market and facilitates its implementation in Pakistan. MOD department is also involved in outlining the business strategy of CPPA-G along with the preparation of the company's Strategic Plan. The main objectives of this department are:

- Designing of a wholesale electricity competitive market model and its transition road map.
- Research and document conclusions for the next stage of market reforms.
- Play the role on behalf of CPPA-G in facilitating the implementation of CTBCM Plan to develop a competitive market.
- Market coordination and development activities including the training and capacity building of market stakeholders.

- Suggesting and building strategic partnerships with global like institutions
- Market simulations for analysis of market architecture on prices moving forward.
- Program management and coordination for donor funded projects.

MOD Working Strength:

Market Operations & Development	
Functional Head	01
Manager	06
Deputy Manager	06
Assistant Manager	09

Legal and Corporate Affairs Department:

The work of Legal Department spans the breadth of the Company and is hallmarked by the unique ability to work collaboratively and to respond quickly to major issues and changing priorities. Bearing in mind the motive of sustainable growth and development of CPPA's objectives, Legal Department has remained actively and prudently involved in the affairs of the Company. Our core function encapsulates ensuring compliance through advisory within the ambit of sustainable solutions for the energy sector while maintaining effective contract management with adequacy of safeguards ranging multitude of dimensions from negotiations to litigation/dispute resolution.

Legal and Corporate Affairs Working Strength:

Legal Department	
Functional Head	01
Senior Manager	02
Manager	01
Deputy Manager	02
Assistant Manager	01
Junior Assistant	01

Policy Implementation Unit (PIU) and CEO Office:

This department of CPPA-G provides executive support in a one-on-one working relationship with CEO. The main functions of this department are:

- Acting as the primary point of contact for internal and external constituencies on all matters related to the functions/ responsibilities of CEO especially pertaining to Policies, Governance & Corporate Planning

- Supporting CEO in development/changes of power/ energy policies for sustainable power market operations and to reduce liabilities and guarantees of Government of Pakistan.
- Facilitation in internal development and streamlines operations to align with the prevailing policies.
- Collaboration for the strategic initiatives being taken in the sector for long term sustainability.

PIU and CEO Office Working Strength:

P&P and CEO Office	
Functional Head	01
Sr. Manager	01
Manager	01
Deputy Manager	02
Additional Deputy Manager	02
Assistant Manager	03
Senior Assistant	02

Office of Company Secretary:

The Office of the Company Secretary maintains compliance of SECP Act, 2017 and Public Sector Companies (Corporate Governance) Rules 2013. The other functions of this office are:

- Engagement of external audit and preparation of Directors Report; organizing important hi-level meetings for CPPA-G including Annual General Meetings/Extra Ordinary General Meetings (EoGMs) Board meetings, Board Committee meetings, and Commercial Code Review Panel (CCRP) meetings.
- Maintaining documentation of above-mentioned meetings; provide Secretarial support to the General body, Board of Directors, Board Committees and CCRP and follow-up implementation on the General body, Board of Directors, Board Committees and CCRP decisions.
- Maintaining the Record, maintenance of Books of Accounts, preparation of financial statements and filing of tax returns of CPPA Employees Gratuity Fund & CPPA Employees Provident Fund.

Office of Company Secretary Working Strength:

Office of Company Secretary	
Company Secretary/Functional Head	01
Deputy Manager	01
Assistant Manager	01
Junior Assistant	01

Information Technology (IT) Department:

IT Department is focused on optimizing Information Technology (IT) investments and more rapidly deployment of IT capabilities, drawing on our highly skilled and innovative workforce positioned to meet emerging and expanding requirements. IT Department of CPPA-G is the custodian of all the ERP modules and CPPA-G's IT infrastructure.

IT Department Working Strength:

IT Department	
Functional Head	01
Senior Manager	01
Deputy Manager	09
Additional Deputy Manager	03
Assistant Manager	14
MTO	03
Assistant Private Secretary	01

Sanctioned Positions of CPPA-G / MOD and Total Working Strength:

According to the Vacancy Statement of CPPA-G & MOD, it has a sanctioned strength of working employees. It also includes the daily wagers to support the important assignments and necessary tasks. The complete snapshot of CPPA-G / MOD sanctioned, working, vacant, other employees and total strength is summarized in the table below:

Total Working Strength of CPPA-G		
Sanctioned Positions	Working (Including MTO, Interns & Daily Wagers etc)	Vacant
304	222	82

Total Working Strength of MO		
Sanctioned Positions	Working (Including consultants)	Vacant
30	24	06

HR&A Function-Wise Progress:

Recruitment:

CPPA-G advertised multiple positions of interns to fulfil its manpower needs during the last two quarters of 2023 i.e., from January to June. The recruitment process is currently underway. However, 13 employees have so far joined who were hired through an open competitive process.

Trainings:

The last two quarters of 2023 saw an uptrend in number of trainings at CPPA-G. There was a total of 04 on-site and 02 off-site training sessions organized for the capacity building of CPPA-G employees. Multiple Topics covered ranged from public procurement, Clean Energy and Emission Reduction, Advanced Excel, Microsoft Power Business Intelligence, Internal Audit, Deep Security Professional, Hyper Converge Infrastructure, Agile and Scrum etc.

Progression/Promotion Cycle:

The HR department successfully concluded the inaugural promotion cycle for the year 2022-2023 in April 2023, impeccably aligning with the established principles embedded within the sanctioned Progression/Promotion Policy. With unwavering determination, HR department diligently ensured that CPPAG employees benefited from timely and equitable advancement opportunities, highlighting our steadfast commitment to fostering a dynamic and rewarding professional journey.

Employee's Financial Assistance by offering Interest Free Loan:

CPPAG has successfully executed the second phase of Employee Interest-Free Loan Program in June 2023. By providing interest-free loans, we have relieved employees of the burden of high interest rates and offered a valuable lifeline for those facing temporary financial challenges. This initiative reinforces our commitment to their overall well-being, ensuring that they have access to financial assistance without the added stress of interest payments.

Promoting Women in Energy under USAID's Power Sector Improvement Activity (PSIA):

During the second half of 2022-2023, CPPA-G HR had the privilege of hosting a group of talented and motivated female participants, for the second time, as part of the Future of Women in Energy Scholars Program, a collaboration between the U.S. Pakistan Women's Council and USAID's Power Sector Improvement Activity (PSIA). 20 scholars visited CPPA-G as part of their two-week program in Pakistan, where we had the opportunity to showcase our work and engage with these aspiring energy leaders. We discussed the role of CPPA-G in ensuring the financial viability and reliability of Pakistan's power system and emphasized the importance of clean and renewable energy in the country's energy future. We provided insights into the various opportunities available within CPPA-G and encouraged the scholars to pursue careers in the power sector.

Administration Work:

Implementation of Visitor Management System:

With a focus on security and streamlined processes, a robust Visitor Management Policy has been developed by HR department. This policy aims to enhance our overall security measures while ensuring a positive and efficient visitor experience. By adopting advanced visitor registration systems, developed by our own IT Department, we can effectively manage access to our premises and create a welcoming atmosphere for our guests.

Establishment and Full Operationalization of R&I Section:

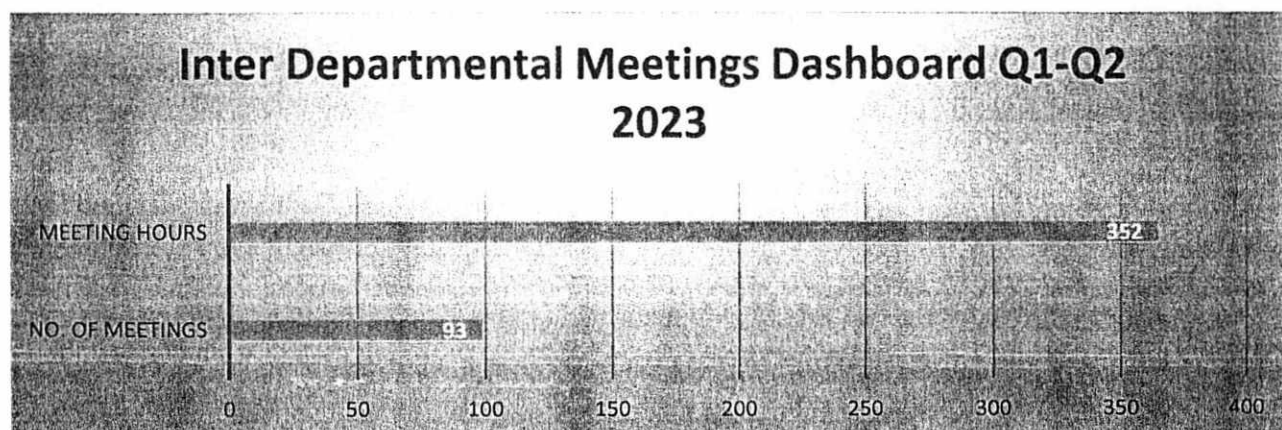
The recently established Research and Innovation (R&I) Section plays a vital role in our organization by digitizing hard copy records and meticulously maintaining physical files with proper referencing. Given the highly critical nature of the data involved, the R&I Section is dedicated to preserving and organizing both digital and hardcopy records, ensuring easy access and retrieval whenever needed. To support their effective functioning, the administration team has allocated office space for the R&I team and provided them with all the necessary amenities.

Improvement in Existing Fire Fighting System:

Safety is our utmost priority, and to ensure the well-being of our employees and the protection of our assets, we have invested in upgrading our Fire Fighting System. This strategic move aligns with the protocols set by the Emergency & Disaster Management Department of Capital Administration Authority (CDA). The improved system empowers our staff with quick access to water hoses and advanced firefighting equipment, enabling them to respond promptly and effectively in case of emergencies. By investing in this enhanced system, we are demonstrating our unwavering commitment to safeguarding lives and minimizing potential damages.

Meeting Arrangements:

A brief snapshot of Admin Services with regards to meetings is provided below:



Hiring Plan of CPPAG FY 2023-24

Sr. No.	Nomenclature of Post	CPPA-G Grade	Vacant
a.	b.	c.	f.
1	<u>CEO Office</u>		
1	Chief Executive Officer	G-11	1
	Sub-Total		1
2	<u>Risk Management</u>		
1	Manager	G-09	1
2	Asstt. Manager	G-06	1
	Sub-Total		2
3	<u>PIU</u>		
3	Manager (Planning & Simulation)	G-09	1
4	Manager (Regulatory Affairs)	G-09	1
5	Deputy Manager (Energy Economist)	G-08	1
6	Deputy Manager (Policy & Strategy)	G-08	1
7	Deputy Manager (Program Development & Management)	G-08	1
8	Deputy Manager (Planning & Market Simulation)	G-08	1
9	Deputy Manager (Integrated Energy Planning)	G-08	1
10	Deputy Manager (Regulatory Affairs)	G-08	1
11	Deputy Manager (Regulatory Affairs)	G-08	1
12	Assistant Manager	G-06	6
			15
4	<u>Company Secretary</u>		
1	Dy Manager	G-08	1
	Asstt. Manager (Corporate Finance) / (SCCA)	G-06	1
2	Office Assistant	G-05	1
	Sub-Total		3
5	<u>Internal Audit</u>		
1	Manager	G-09	1
2	Dy Manager	G-08	1
3	Asst Manager	G-06	1
4	Audit Associate	G-05	2
	Sub-Total		5
6	<u>Technical</u>		
1	Dy.G.M (Tech)	G-10	1
2	Manager (Tech)	G-09	3
3	Dy. Manager (Tech)	G-08	2
4	Asstt. Manager (Tech)	G-06	4
	Sub-Total		10



Central Power Purchasing Agency Guarantee Limited
A Company of Government of Pakistan



LIST OF BOARD OF DIRECTORS AS ON 30-06-2023

Name of Company: **Central Power Purchasing Agency (Guarantee) Limited (CPPA-G)**

Registered Address: **73-West, Shaheen Plaza, Fazal-e-Haq Road, Blue Area Islamabad**

S. No	Full Name of Director	Nationality	Representation
1	Mr. Zafar Abbas	Pakistan	Ministry of Energy/ Addl. Secretary
2	Mr. Mahfooz Ahmed Bhatti,	Pakistan	Ministry of Energy/ Joint. Secretary
3	Mr. Shahid Mahmood,	Pakistan	GENCOs CEO GHCL
4	Mr. Saad Fazil Abbasi	Pakistan	Ministry of Finance /Addl. Secretary
5	Mr. Muhammad Amjad Khan CEO, IESCO Islamabad.	Pakistan	DISCOs CEO IESCO
6	Dr. Rana Abdul Jabbar Khan	Pakistan	NTDC / MD NTDC
7	Ms. Natasha Jehangir Khan	Pakistan	Independent Director
8	Mr. Ghias ud Din	Pakistan	Independent Director
9	Mr. Raheel Ijaz	Pakistan	Independent Director
10	Rihan Akhtar	Pakistan	CFO CPPA-G / CEO Addl. Charge

Mr. Zafar Abbas

Mr. Zafar Abbas is a Government Officer and currently working as Additional Secretary in Ministry of Energy (Power Division) and representing the Power Division on CPPA-G Board and he is also Chairman of CPPA-G Board. Mr. Zafar Abbas having Master of Business Administration (MBA) Oil & Gas Management, University of Dundee, Scotland 2006 and Bachelor of Engineering from University of Engineering & Technology Lahore, Pakistan 1993

Mr. Zafar has over 25 years of experience in Public Sector of Pakistan, he served in different organizations of Government i.e. Ministry of Petroleum (Petroleum Division), ERRA, Secretary in Gilgit Baltistan, Ministry of Energy (Power Division), Managing Director NTDC, Ministry of Interior.

Mr. Zafar Abbas has a vast knowledge of Power sector of Pakistan and is also serving as a Board members of different DISCOs and other Power sector entities of Pakistan.

Mr. Saad Fazil Abbasi

Mr. Saad Fazil Abbasi is a Government Officer of Secretariat group and currently has been working as Senior Joint Secretary in Ministry of Finance, Mr. Saad Fazail Abbasi LLB from Punjab University and LLM (Internal Economics and Business Law) from Kyushu University Japan.

Over 25 years' experience in public administration, corporate sector management, local and international litigations. Mr. Abbasi also Served in PEMRA, PPRA, ADB, PM Secretariat, Ministry of Environment, Privatization Commission, Economic Affairs Finance Division, Establishment division.

Mr. Shahid Mahmood

Mr. Shahid Mahmood done Mechanical Engineer and MBA, and having more than 30 Years of experience in the Power Sector Development.

Currently He is serving as Chief Executive Officer of GENCO Holding Company (Ltd.) and representing GENCOs on CPPA-G Board. He has a vast experience of Power sector in Pakistan.

Engr. Dr. Muhammad Amjad Khan

Mr. Muhammad Amjad Khan has 39 years of experience in WAPDA/Electricity Utility Organizations, Project Management, Power System, Economics & Management, Financial Management, Human Resource Management, PhD Management and served as Chief Executive Officer, Peshawar Electric Supply Company (PESCO). He is qualified in PhD Management Sciences, MBA Human Resources, MS Electrical Engineering, BS Electrical Engineering and a Good Governance Course from IBA Karachi. He served in different Power Organizations i.e. PESCO from 2015-2017 as Chief Engineer (PMU), General Manager (Tech) from 2017-2018, in TESCO as Chief Executive Officer from Feb 2018 to May 2018 and in PESCO as Chief Executive Officer from 2018-2020.

Management of Underground and Overhead Distribution System Planning, Designing, Construction and Operation, Electricity Tariff Management, Energy Management, Investigation and Surveillance, Electricity Billing and Recovery Management, Labor Management and Public dealing, Management of Transmission lines Construction, Grid System Protection Management, Operational and Construction Management, Project Planning, Financial and Projects Implementation Management, Procurement and Material Management. Tendering and Contract Management, Material Inspection and standards / specifications, Load Shedding and Load Management, Economical Operation of Power Systems, Conflict Resolution, Motivation and Leadership Techniques.

Mr. Mahfooz Ahmad Bhatti

Mr. Mahfooz Ahmad Bhatti is a government officer of Pakistan Audit & Accounts services. He is Public Sector Financial Management Specialist with more than 25 years of experience of working in the Public sector Audit, Public Sector Accounts, Project Management, Policy Development and Analysis and Project Oversight, Monitoring and Evaluation are key expertise. Currently working as Joint Secretary (Power Finance) at Ministry of Energy (Power Division) and representing Power Division on CPPA-G Board.

Mr. Mahfooz Bhatti did Masters in Accounting from UK, MBA (Finance), Bachelor Engineering, **Endeavour Executive Award** Research Fellow Mineral Research Institute at University of Western Australia Perth, Australia and Sustainability Central Asia Pty, and also Certified Internal Control Auditor (CICA). Mr. Bhatti also served in Pakistan Railways, Audit Defense Services, Thar Coal Energy Board Sindh, Ministry of Water & Power, Director General (Policy) in the office of Auditor General of Pakistan.

Dr. Rana Abdul Jabbar Khan

Dr. Rana Abdul Jabbar Khan did his PhD from Royal Melbourne Institute of Technology, Australia and is an internationally recognized professional having Twenty-Nine years of multidisciplinary experience as a professional electrical engineer and energy executive in utilities, consulting, IPPs and power development sector particularly in High Distribution, Transmission, Operation & Maintenance, Renewable Energy and managing large scale distribution companies. Provided leadership directions, and project management support to execute strategic business plans. Successfully managed and supervised significant assignments of power generation, transmission, distribution, utilization and R&D on burning power issues nationally and globally worth in billions of dollars with local and multinational financial institutions, utilities, governments, EPCs and IPPs. Successful track record of consistent businesses growth and delivering results.

Dr. Rana Abdul Jabbar with engineering background has extensive experience in the Power Sector i.e. transmission and distribution side. Possesses well recognized leadership skills to inculcate change in public and private owned entities. He has also served as CEO FESCO, CEO IESCO, Focal person of Quaid-e-Azam Solar Park, CEO AEDB and currently serving as Managing Director NTDC.

Mr. Ghiasuddin Ahmad (11)

Mr. Ghias ud Din Ahmed joined Civil Services in 1973 and served as Deputy Commissioner, Commissioner and Home Secretary Balochistan, other assignments and planning side include Director Mineral Development Balochistan, Secretary Urban Planning and Development Department Balochistan. Mr. Ghias Ud Din Ahmed also worked as principal secretary with various Chief Ministers of Balochistan.

In Federal Government he also served as Joint Secretary Establishment Division, DG National Institute of Public Administration Quetta, Addl. Secretary Minorities Affairs, Managing Director of National Book Foundation. He also serves as Secretary Youth Affairs, Secretary Planning & Development and Secretary Establishment Division and also severed as Member NEPRA Authority

Mr. Raheel Ijaz

Mr. Raheel Ijaz has over four decades of work experience. He has a rich banking experience in institutions like MCB Bank Limited as Group Head Compliance and controls, Country Head Sri Lanka, Head Corporate North & Public Sector; United Bank Limited as Regional Chief Executive North and also held key positions in Faysal Bank, Prime Commercial Bank, and Emirates Bank International. Currently he is serving as Chief Operating Officer at Faysal Bank Limited. Mr. Raheel holds an MBA degree from Quaid-e-Azam International University.

Ms. Natasha Jehangir Khan

Ms. Natasha is an Experienced Legal Consultant with a demonstrated history of working in the legal services industry. Skilled in Regulatory Laws, Administrative Law; Legal Advice, Corporate Law, Policy Analysis, and Analytical Skills. Strong legal professional with a Master of Laws (LLM) focused on International Dispute Resolution from UCL. She also possesses the MPA degree from Harvard Kennedy School.

Mr. Rihan Akhtar

Mr. Rihan Akhtar is a Fellow Member of ICMAP, and currently having portfolio of Chief Financial Officer of CPPA-G and Federal Government also assigned him additional charge of Chief Executive Officer CPPA-G. He possesses the experience of more than 20 years in the Power sector of Pakistan with hands on Financial Management of Power Sector of Pakistan with knowledge of technical and legal matters. Depth knowledge of Power Purchase Agreements and Energy Purchase Agreements.

Payable By Market Participants Representing Demand To The Market

Participants Representing Offer

As at Apr 30, 2023

Unaudited

Sr.No	Customer Name	Closing Balance
1	FAISALABAD ELECTRIC SUPPLY COMPANY	116,895,600,179
2	GUJRANWALA ELECTRIC POWER COMPANY	64,127,694,160
3	HYDERABAD ELECTRIC SUPPLY COMPANY	383,118,815,347
4	ISLAMABAD ELECTRIC SUPPLY COMPANY	163,343,339,370
5	KARACHI ELECTRIC SUPPLY COMPANY	501,171,903,252
6	LAHORE ELECTRIC SUPPLY COMPANY	315,984,326,111
7	MULTAN ELECTRIC POWER COMPANY	180,391,811,316
8	PESHAWAR ELECTRIC SUPPLY COMPANY	549,904,292,349
9	QUETTA ELECTRIC SUPPLY COMPANY	550,710,767,960
10	SUKKUR ELECTRIC POWER COMPANY	345,496,404,619
11	TRIBAL AREAS ELECTRIC SUPPLY COMPANY	64,671,160,441
Grand Total:		3,235,816,115,103

Unaudited

RECEIVABLE BY MARKET PARTICIPANTS REPRESENTING OFFER INCLUDING NTDCL, PHL ETC.		
(Prov.)		(Rs. in million)
Sr. #	Type	Balance on 28.04.2023
1	GENCOS (OIL/GAS/RLNG/O&M)	1-1+2-3
	G-I Jamshoro	1,408
	G-II Guddu	83,491
	G-III Muzaffargarh	12,764
	Total: (GENCOs)	77,663
2	(IPPs)	
	HUBCO (RFO)	37,065
	KAPCO (GAS/RLNG & RFO)	28,637
	PAK GEN POWER (RFO)	10,877
	LALPIR POWER (RFO)	8,469
	KEL (RFO)	2,272
	SABA (RFO)	40
	LIBERTY DAHARKI POWER (GAS)	8,926
	UCH (GAS)	98,539
	ROUSCH (GAS/RLNG)	9,786
	FAUJI (GAS/RLNG)	1,859
	HABIBULLAH (GAS)	6,127
	ALTERN (GAS/RLNG)	68
	DAVIS ENERGEN (GAS/RLNG)	61
	S/Total:	212,727
	(IPPs)	
	AGL POWER (RFO)	13,494
	THE HUBCO NAROWAL (RFO)	13,459
	ATLAS POWER (RFO)	13,608
	NISHAT POWER (RFO)	14,150
	NISHAT CHUNIAN (RFO)	12,499
	LIBERTY TECH. (RFO)	13,067
	ORIENT POWER (GAS/RLNG/HSD)	10,296
	SAIF POWER (GAS/RLNG/HSD)	9,510
	SAPPHIRE ELECTRIC (GAS/RLNG/HSD)	9,143
	HALMORE POWER (GAS/RLNG/HSD)	6,710
	ENGRO POWER (GAS)	8,956
	FOUNDATION POWER (GAS)	11,616
	UCH -II (GAS)	80,958
	PEDO/SHYDO POWER (HYDEL)	2,156
	LARAIB ENERGY (HYDEL)	6,152
	FFC ENERGY (WIND)	2,156
	ZORLU ENERJI (WIND)	2,050
	JDW SUGAR MILLS-Unit-II (BAGASSE)	748
	JDW SUGAR MILLS-Unit-III (BAGASSE)	840
	THREE GORGES FIRST (WIND)	3,967
	FOUNDATION ENERGY-I (WIND)	4,364
	FOUNDATION ENERGY-II (WIND)	4,311
	RYK MILLS (BAGASSE)	778
	QUAID-E-AZAM (SOLAR)	1,689
	SAPPHIRE POWER (WIND)	532
	CHINIOT POWER (BAGASSE)	847
	APOLLO (SOLAR)	3,644
	BEST GREEN ENERGY (SOLAR)	2,857
	CREST ENERGY (SOLAR)	3,704
	YUNUS ENERGY (WIND)	3,393
	METRO POWER (WIND)	3,325
	TENAGA EGERGY (WIND)	2,348
	MASTER ENERGY (WIND)	1,626
	ACT (WIND)	1,111
	GUL AHMED (WIND)	3,750
	HAMZA SUGAR MILLS (BAGASSE)	257
	HYDRO CHINA (WIND)	2,018
	SACHAL ENERGY (WIND)	3,441
	QUAID-E-AZAM THERMAL POWER (RLNG)	62,433
	UEP POWER (WIND)	4,596
	HUANENG SHANDONG RUYI (COAL)	97,026
	NPPMCL HAVELI BAHADUR SHAH (RLNG)	109,436
	NPPMCL BALLOKI POWER (RLNG)	91,176
	HARAPPA (SOLAR)	125
	STAR HYDRO POWER (HYDEL)	8,145
	THAL INDUSTRIES CORPORATION (BAGASSE)	338
	AJ POWER (SOLAR)	49
	PORT QASIM ELECTRIC POWER (COAL)	87,277
	ARTISTIC ENERGY (WIND)	1,274
	HAWA ENERGY (WIND)	1,700
	JHIMPIR POWER (WIND)	1,576
	THREE GORGES SECOND (WIND)	1,754
	THREE GORGES THIRD (WIND)	1,953
	TRICON BOSTON CONSULTING (WIND) (A)	1,600
	TRICON BOSTON CONSULTING (WIND) (B)	1,378
	TRICON BOSTON CONSULTING (WIND) (C)	1,415
	ALMOIZ INDUSTRIES LIMITED (BAGASSE)	48
	CHANAR ENERGY LIMITED (BAGASSE)	228
	ZEPHYR POWER (WIND)	1,383
	ENGRO POWERGEN THAR (COAL)	57,740
	CHINA POWER HUB GENERATION (COAL)	70,481
	AZAD JAMMU & KASHMIR (JAGRAN)(HYDEL)	-
	PEHUR HPS-PEDO (HYDEL)	-
	NEELUM JHELMUM HYDROPOWER COMPANY	66,456
	MIRA POWER (HYDROPOWER)	2,942
	MASTER GREEN ENERGY LIMITED (WIND)	300
	LUCKY RENEWABLES (PRIVATE) (WIND)	38
	ARTISTIC WIND POWER (PVT) LTD.	43
	ACT2 DIN WIND (Pvt) Ltd.	22
	LUCKY ELECTRIC POWER COMPANY (COAL)	12,504
	INDUS WIND ENERGY LIMITED	30
	RANOLIA HYDRO POWER COMPLEX	-
	DIN ENERGY LTD. (WIND)	27

Sr. #	Type	Balance on 28.04.2023
	LAKESIDE ENERGY LIMITED (WIND)	26
	GUL AHMED ELECTRIC LIMITED (WIND)	32
	ATLAS SOLAR LIMITED	69
	LIBERTY WIND POWER-I LTD.	29
	NASDA GREEN ENERGY LIMITED (WIND)	36
	LIBERTY WIND POWER-II LTD.	23
	METRO WIND POWER LIMITED	35
	KAROT POWER COMPANY (HYDROPOWER)	114
	THAR ENERGY LIMITED (COAL)	4,738
	DARAL KHWAR HPP (HYDEL)	653
	THAR COAL BLOCK-I POWER GENERATION	175
	PUNJAB THERMAL POWER (RLNG)	5,581
	S/Total:	976,734
	Total: (IPPs)	1,189,461
	CHASHMA (Nuclear) Plant-1	17,109
	CHASHMA (Nuclear) Plant-2	37,884
	CHASHMA (Nuclear) Plant-3	62,812
	CHASHMA (Nuclear) Plant-4	57,088
	S/Total: (Nuclear)	174,893
	Karachi Nuclear Power Plants-K2	22,611
	Karachi Nuclear Power Plants-K3	16,371
	S/Total: (K2 & K3)	38,983
	Total: (IPPs & Nuclear)	1,403,337
3	Others/WAPDA Hydel	
	NTDC *	29,708
	NTDC (PMLTC)	13,089
	TAVANIR IRAN/QESCO (GST)/B.R.A	7,098
	WAPDA Hydel	261,012
	ALLIED OFFICE (CPPA/PEPCO)	-
	Sukuk Escrow Account	-
	PHPL (Debt Service)(Markup)	-
	S/Total: (Others/WAPDA)	310,907
	Total:	1,791,908
	Payable to Fuel Suppliers by GENCOs (Annex-B)	98,628
	G/Total:-	1,890,535
* Memorandum payment on behalf of DISCOs and K-Electric.		
	PHPL LOAN	765,253
	G/Total (Circular Debt)	2,655,789

Payable By Market Participants Representing Demand To The Market

Participants Representing Offer

As at May 31, 2023

Unaudited

Sr.No	Customer Name	Closing Balance
1	FAISALABAD ELECTRIC SUPPLY COMPANY	109,100,526,930
2	GUJRANWALA ELECTRIC POWER COMPANY	61,076,365,612
3	HYDERABAD ELECTRIC SUPPLY COMPANY	392,899,781,687
4	ISLAMABAD ELECTRIC SUPPLY COMPANY	125,420,749,100
5	KARACHI ELECTRIC SUPPLY COMPANY	456,038,697,360
6	LAHORE ELECTRIC SUPPLY COMPANY	310,569,201,296
7	MULTAN ELECTRIC POWER COMPANY	181,447,142,893
8	PESHAWAR ELECTRIC SUPPLY COMPANY	549,430,355,150
9	QUETTA ELECTRIC SUPPLY COMPANY	563,219,826,310
10	SUKKUR ELECTRIC POWER COMPANY	354,362,303,505
11	TRIBAL AREAS ELECTRIC SUPPLY COMPANY	67,876,642,551
Grand Total:		3,171,441,592,394

Unaudited

RECEIVABLE BY MARKET PARTICIPANTS REPRESENTING OFFER INCLUDING NTDCI, PHL ETC.		
(Prov.)	Type	(Rs.in million)
Sr. #		Balance on 31.05.2023
1	GENCOS (OIL/GAS/RLNG/O&M)	4 = (1+2+3)
	G-I Jamshoro	1,657
	G-II Guddu	51,706
	G-III Muzaffargarh	6,660
	Total: (GENCOs)	60,023
2	(IPPs)	
	HUBCO (RFO)	38,450
	KAPCO (GAS/RLNG & RFO)	25,337
	PAK GEN POWER (RFO)	10,979
	LALPIR POWER (RFO)	8,033
	KEL (RFO)	1,297
	SABA (RFO)	26
	LIBERTY DAHARKI POWER (GAS)	7,327
	UCH (GAS)	101,193
	ROUSCH (GAS/RLNG)	10,491
	FAUJI (GAS/RLNG)	2,481
	HABIBULLAH (GAS)	6,097
	ALTERN (GAS/RLNG)	68
	DAVIS ENERGEN (GAS/RLNG)	61
	S/Total:	211,841
	(IPPs)	
	AGL POWER (RFO)	13,345
	THE HUBCO NAROWAL (RFO)	13,376
	ATLAS POWER (RFO)	13,073
	NISHAT POWER (RFO)	12,565
	NISHAT CHUNIAN (RFO)	12,030
	LIBERTY TECH. (RFO)	12,642
	ORIENT POWER (GAS/RLNG/HSD)	9,556
	SAIF POWER (GAS/RLNG/HSD)	10,347
	SAPPHIRE ELECTRIC (GAS/RLNG/HSD)	10,291
	HALMORE POWER (GAS/RLNG/HSD)	7,375
	ENGRO POWER (GAS)	9,222
	FOUNDATION POWER (GAS)	11,869
	UCH-II (GAS)	82,385
	PEDO/SHYDO POWER (HYDEL)	1,960
	LARAIB ENERGY (HYDEL)	6,052
	FFC ENERGY (WIND)	2,059
	ZORLU ENERJI (WIND)	2,090
	JDW SUGAR MILLS-Unit-II (BAGASSE)	783
	JDW SUGAR MILLS-Unit-III (BAGASSE)	906
	THREE GORGES FIRST (WIND)	3,176
	FOUNDATION ENERGY-I (WIND)	4,225
	FOUNDATION ENERGY-II (WIND)	4,216
	RYK MILLS (BAGASSE)	706
	QUAID-E-AZAM (SOLAR)	1,876
	SAPPHIRE POWER (WIND)	673
	CHINIOT POWER (BAGASSE)	910
	APOLLO (SOLAR)	3,556
	BEST GREEN ENERGY (SOLAR)	2,393
	CREST ENERGY (SOLAR)	3,231
	YUNUS ENERGY (WIND)	3,348
	METRO POWER (WIND)	3,263
	TENAGA EGERGY (WIND)	2,460
	MASTER ENERGY (WIND)	1,499
	ACT (WIND)	1,059
	GUL AHMED (WIND)	3,765
	HAMZA SUGAR MILLS (BAGASSE)	294
	HYDRO CHINA (WIND)	2,479
	SACHAL ENERGY (WIND)	1,952
	QUAID-E-AZAM THERMAL POWER (RLNG)	57,731
	UEP POWER (WIND)	2,371
	HUANENG SHANDONG RUYI (COAL)	120,073
	NPPMCL HAVELI BAHADUR SHAH (RLNG)	114,518
	NPPMCL BALLOKI POWER (RLNG)	99,668
	HARAPPA (SOLAR)	139
	STAR HYDRO POWER (HYDEL)	8,805
	THAL INDUSTRIES CORPORATION (BAGASSE)	268
	AJ POWER (SOLAR)	31
	PORT QASIM ELECTRIC POWER (COAL)	68,707
	ARTISTIC ENERGY (WIND)	1,181
	HAWA ENERGY (WIND)	1,651
	JHIMPIR POWER (WIND)	1,551
	THREE GORGES SECOND (WIND)	1,352
	THREE GORGES THIRD (WIND)	1,542
	TRICON BOSTON CONSULTING (WIND) (A)	1,712
	TRICON BOSTON CONSULTING (WIND) (B)	1,473
	TRICON BOSTON CONSULTING (WIND) (C)	1,511
	ALMOIZ INDUSTRIES LIMITED (BAGASSE)	47
	CHANAR ENERGY LIMITED (BAGASSE)	228
	ZEPHYR POWER (WIND)	1,414
	ENGRO POWERGEN THAR (COAL)	39,564
	CHINA POWER HUB GENERATION (COAL)	72,276
	AZAD JAMMU & KASHMIR (JAGRAN)(HYDEL)	-
	PEHUR HPS-PEDO (HYDEL)	-
	NEELUM JHELMUM HYDROPOWER COMPANY	63,513
	MIRA POWER (HYDROPOWER)	2,374
	MASTER GREEN ENERGY LIMITED (WIND)	206
	LUCKY RENEWABLES (PRIVATE) (WIND)	41
	ARTISTIC WIND POWER (PVT) LTD.	32
	ACT2 DIN WIND (Pvt) Ltd.	21
	LUCKY ELECTRIC POWER COMPANY (COAL)	21,798
	INDUS WIND ENERGY LIMITED	15
	RANOLIA HYDRO POWER COMPLEX	-

Sr. #	Type	Balance on 31.05.2023
	DIN ENERGY LTD. (WIND)	18
	LAKE SIDE ENERGY LIMITED (WIND)	22
	GUL AHMED ELECTRIC LIMITED (WIND)	36
	ATLAS SOLAR LIMITED	40
	LIBERTY WIND POWER-I LTD.	10
	NASDA GREEN ENERGY LIMITED (WIND)	36
	LIBERTY WIND POWER-II LTD.	8
	METRO WIND POWER LIMITED	24
	KAROT POWER COMPANY (HYDROPOWER)	42
	THAR ENERGY LIMITED (COAL)	3,902
	DARAL KHAR HPP (HYDEL)	423
	THAR COAL BLOCK-1 POWER GENERATION	5,805
	PUNJAB THERMAL POWER (RLNG)	1,595
	THALNOVA POWER THAR (COAL)	1,505
	S/Total:	974,286
	Total: (IPPs)	1,186,127
	CHASHMA (Nuclear) Plant-1	17,366
	CHASHMA (Nuclear) Plant-2	38,817
	CHASHMA (Nuclear) Plant-3	64,509
	CHASHMA (Nuclear) Plant-4	58,838
	S/Total: (Nuclear)	179,530
		23,985
	Karachi Nuclear Power Plants-K3	14,284
	S/Total: (K2 & K3)	38,269
	Total: (IPPs & Nuclear)	1,403,926
3	Others/WAPDA Hydel	
	NTDC *	41,232
	NTDC (PMLTC)	25,676
	TAVANIR IRAN/QESCO (GST)/B.R.A	6,937
	WAPDA Hydel	257,951
	ALLIED OFFICE (CPPA/PEPCO)	-
	Sukuk Escrow Account	-
	PHPL (Debt. Service)(Markup)	-
	S/Total: (Others/WAPDA)	331,796
	Total:	1,795,745
	Payable to Fuel Suppliers by GENCOs (Annex-B)	110,268
	G/Total:-	1,906,013
	* Memorandum payment on behalf of DISCOs and K-Electric.	
	PHPL LOAN	765,253
	G/Total (Circular Debt)	2,671,266

Payable By Market Participants Representing Demand To The Market

Participants Representing Offer

As at Jun 30, 2023

Unaudited

Sr.No	Customer Name	Closing Balance
1	FAISALABAD ELECTRIC SUPPLY COMPANY	111,140,608,602
2	GUJRANWALA ELECTRIC POWER COMPANY	61,460,622,387
3	HYDERABAD ELECTRIC SUPPLY COMPANY	400,351,917,476
4	ISLAMABAD ELECTRIC SUPPLY COMPANY	104,856,356,783
5	KARACHI ELECTRIC SUPPLY COMPANY	346,005,847,835
6	LAHORE ELECTRIC SUPPLY COMPANY	338,119,944,976
7	MULTAN ELECTRIC POWER COMPANY	171,781,678,151
8	PESHAWAR ELECTRIC SUPPLY COMPANY	560,180,672,139
9	QUETTA ELECTRIC SUPPLY COMPANY	560,568,608,652
10	SUKKUR ELECTRIC POWER COMPANY	365,177,050,869
11	TRIBAL AREAS ELECTRIC SUPPLY COMPANY	69,495,687,382
Grand Total:		3,089,138,995,249

Unaudited

RECEIVABLE BY MARKET PARTICIPANTS REPRESENTING OFFER INCLUDING NTDC, PHL ETC.		
(Prov.)		(Rs. in million)
Sr. #	Type	Balance on 30.06.2023
1	GENCOS (OIL/GAS/RLNG/O&M)	4 = (1+2-3)
	G-I Jamshoro	-
	G-II Guddu	50,085
	G-III Muzaffargarh	1,879
	Total: (GENCOs)	51,964
2	(IPPs)	
	HUBCO (RFO)	36,303
	KAPCO (GAS/RLNG & RFO)	18,437
	PAK GEN POWER (RFO)	4,592
	LALPIR POWER (RFO)	2,483
	KEL (RFO)	367
	SABA (RFO)	0
	LIBERTY DAHARKI POWER (GAS)	6,159
	UCH (GAS)	60,870
	ROUSCH (GAS/RLNG)	6,351
	FAUJI (GAS/RLNG)	896
	HABIBULLAH (GAS)	6,082
	ALTERN (GAS/RLNG)	68
	DAVIS ENERGEN (GAS/RLNG)	29
	Sub-Total:	142,637
	(IPPs)	
	AGL POWER (RFO)	7,774
	THE HUBCO NAROWAL (RFO)	7,616
	ATLAS POWER (RFO)	7,869
	NISHAT POWER (RFO)	7,236
	NISHAT CHUNIAN (RFO)	8,458
	LIBERTY TECH. (RFO)	7,862
	ORIENT POWER (GAS/RLNG/HSD)	7,173
	SAIF POWER (GAS/RLNG/HSD)	7,584
	SAPPHIRE ELECTRIC (GAS/RLNG/HSD)	7,642
	HALMORE POWER (GAS/RLNG/HSD)	6,174
	ENGRO POWER (GAS)	7,619
	FOUNDATION POWER (GAS)	8,957
	UCH-II (GAS)	73,562
	PEDO/SHYDO POWER (HYDEL)	1,324
	LARAIB ENERGY (HYDEL)	3,740
	FFC ENERGY (WIND)	2,153
	ZORLU ENERJI (WIND)	1,969
	JDW SUGAR MILLS-Unit-II (BAGASSE)	723
	JDW SUGAR MILLS-Unit-III (BAGASSE)	724
	THREE GORGES FIRST (WIND)	2,491
	FOUNDATION ENERGY-I (WIND)	2,520
	FOUNDATION ENERGY-II (WIND)	2,463
	RYK MILLS (BAGASSE)	721
	QUAID-E-AZAM (SOLAR)	1,708
	SAPPHIRE POWER (WIND)	586
	CHINIOT POWER (BAGASSE)	243
	APOLLO (SOLAR)	2,980
	BEST GREEN ENERGY (SOLAR)	743
	CREST ENERGY (SOLAR)	1,895
	YUNUS ENERGY (WIND)	2,193
	METRO POWER (WIND)	2,163
	TENAGA EGERGY (WIND)	1,948
	MASTER ENERGY (WIND)	1,684
	ACT (WIND)	362
	GUL AHMED (WIND)	2,477
	HAMZA SUGAR MILLS (BAGASSE)	129
	HYDRO CHINA (WIND)	2,312
	SACHAL ENERGY (WIND)	2,429
	QUAID-E-AZAM THERMAL POWER (RLNG)	55,878
	UEP POWER (WIND)	1,617
	HUANENG SHANDONG RUYI (COAL)	88,746
	NPPMCL HAVELI BAHADUR SHAH (RLNG)	90,748
	NPPMCL BALLOKI POWER (RLNG)	78,856
	HARAPPA (SOLAR)	110
	STAR HYDRO POWER (HYDEL)	2,538
	THAL INDUSTRIES CORPORATION (BAGASSE)	235
	AJ POWER (SOLAR)	19
	PORT QASIM ELECTRIC POWER (COAL)	49,384
	ARTISTIC ENERGY (WIND)	760
	HAWA ENERGY (WIND)	1,618
	JHIMPIR POWER (WIND)	1,526
	THREE GORGES SECOND (WIND)	1,425
	THREE GORGES THIRD (WIND)	1,587
	TRICON BOSTON CONSULTING (WIND) (A)	1,740
	TRICON BOSTON CONSULTING (WIND) (B)	1,514
	TRICON BOSTON CONSULTING (WIND) (C)	1,562
	ALMOIZ INDUSTRIES LIMITED (BAGASSE)	-
	CHANAR ENERGY LIMITED (BAGASSE)	26
	ZEPHYR POWER (WIND)	1,309
	ENGRO POWERGEN THAR (COAL)	31,768
	CHINA POWER HUB GENERATION (COAL)	56,166
	AZAD JAMMU & KASHMIR (JAGRAN)(HYDEL)	-
	PEHUR HPS-PEDO (HYDEL)	-
	NEELUM JHELUM HYDROPOWER COMPANY	58,124
	MIRA POWER (HYDROPOWER)	155
	MASTER GREEN ENERGY LIMITED (WIND)	-
	LUCKY RENEWABLES (PRIVATE) (WIND)	-
	ARTISTIC WIND POWER (PVT) LTD.	-
	ACT2 DIN WIND (Pvt) Ltd.	-
	LUCKY ELECTRIC POWER COMPANY (COAL)	10,627
	INDUS WIND ENERGY LIMITED	-
	RANOLIA HYDRO POWER COMPLEX	-

Sr. #	Type	Balance on 30.06.2023
	DIN ENERGY LTD. (WIND)	-
	LAKESIDE ENERGY LIMITED (WIND)	-
	GUL AHMED ELECTRIC LIMITED (WIND)	-
	ATLAS SOLAR LIMITED	-
	LIBERTY WIND POWER-I LTD.	-
	NASDA GREEN ENERGY LIMITED (WIND)	-
	LIBERTY WIND POWER-II LTD.	-
	METRO WIND POWER LIMITED	-
	KAROT POWER COMPANY (HYDROPOWER)	507
	THAR ENERGY LIMITED (COAL)	-
	DARAL KHWAR HPP (HYDEL)	-
	THAR COAL BLOCK-1 POWER GENERATION	2,553
	PUNJAB THERMAL POWER (RLNG)	-
	THALNOVA POWER THAR (COAL)	-
	S/Total:	749,405
	Total: (IPPs)	892,042
	CHASHMA (Nuclear) Plant-1	17,859
	CHASHMA (Nuclear) Plant-2	35,162
	CHASHMA (Nuclear) Plant-3	57,056
	CHASHMA (Nuclear) Plant-4	53,178
	S/Total: (Nuclear)	163,295
	Karachi Nuclear Power Plants-K2	-
	Karachi Nuclear Power Plants-K3	-
	S/Total: (K2 & K3)	-
	Total: (IPPs & Nuclear)	1,055,337
3	Others/WAPDA Hydel	-
	NTDC *	62,143
	NTDC (PMLTC)	34,586
	TAVANIR IRAN/GENCO (GST)/B.R.A	6,937
	WAPDA Hydel	248,250
	ALLIED OFFICE (CPPA/PEPCO)	-
	Sukuk Escrow Account	-
	PHPL (Debt. Service)(Markup)	-
	S/Total: (Others/WAPDA)	351,916
	Total:	1,459,217
	Payable to Fuel Suppliers by GENCOs (Annex-B)	110,527
	G/Total:-	1,569,744
* Memorandum payment on behalf of DISCOs and K-Electric.		
	PHPL LOAN	765,253
	G/Total (Circular Debt)	2,334,997

Sr. No	Case No. with Party name	Case Initiation Date	Forum/Court	Nature of Case	Quantum of Amount	Legal Fee
1.	C.A 1461/2021 Nishat Chunian vs FOP	09.11.2021 Pending	Supreme Court of Pakistan	NEPRA ordered IPP to pay PKR. 2,34,702 million/- The IPP has challenged the decision before the Supreme Court. Leave to appeal in CPLA Nos. 1938,1939 and 1940 of 2016 is granted. NEPRA ordered Nishat Chunian IPP to pay PKR. 2,34,702/- million. Likewise, Nishat Power is ordered to pay PKR 290,423/- Million and Liberty Power to pay PKR 1,57,454/- million. The IPPs challenged the decision before the Supreme Court.	PKR.2,34,702 million	Rs. 300,000/- Rs.300,000/- Rs.300,000/-
2.	C.A 1462/2021 Nishat Power vs FOP	09.11.2021 Pending				
3.	C.A 1463/2021 Liberty Power vs FOP	09.11.2021 Pending				
4.	Suit. 2127/2018 Transatlantic vs Province of Sindh	13.11.2018 Pending	Sindh High Court	The primary respondent is the Province of Sindh. The Petitioners allege that due to a claimed delay on the part of CPPA to issue a certificate of power purchase, the site lease issued by the GoS was cancelled. The Petitioners have sought a stay order preventing the cancellation of the site lease and a court order directing CPPA and AEDB to issue the said certificate.	Nil	Rs.300,000/-
5.	Const. P.(D) 3871/2018 Foundation Power Co. Daharki Ltd. vs. FOP & Others	16.05.2018 Pending	Sindh High Court	Principal dispute pertains to Workers Welfare Fund (WWF). Constitutional petitions touching upon the uncertainty after the 18 th amendment and the clarity sought after Supreme Court decision in the matter of WWF.	Nil	AG Office

6.	W.P. 3983/2017 FPCDL vs FOP and others	22.11.2017 Pending	Islamabad Court	High	Principal dispute pertains to release of Workers Welfare Fund (WWF) as per 18 th amendment. Constitutional petitions touching upon the uncertainty after the 18 th amendment is pending before the Supreme Court, therefore the case is sine die adjourned.	Nil	Rs.500,000/-
Bagasse/Biomass							
7.	W.P. 704/2018 Sadiqabad Power Pvt Ltd. & Others vs FOP & Others	03.03.2018 Disposed of vide order dated 07.06.2023	Islamabad Court	High	Seeking direction for forthwith notifying the tariff as application determined through NEPRA decision dated 11.09.2017 The petition is filed on behalf of 23 petitioners 12 bagasse/biomass projects along with their directors as co-petitioners. The petitioners are aggrieved with the inaction of CPPA with respect to NEPRA Upfront Tariff Decision for Petitioner Projects, the letter dated 25 May 2017 sent by CPPA based on the CCE decision which result in rendering the Petitioner's Projects, as it is contended, financially unviable. The above referenced CCE decision states that the only projects with which the IA or PPA have been signed already and that all future projects will come through the process of competitive bidding. The petitioner asserts that an exception has been created for Trimmu RLNG and Zorlu Solar and thus the decision and actions of the Respondents are discriminatory and unlawful.	Nil	Rs.1,000,000/-
8.	W.P. 2862/2018	18.07.2018	Islamabad Court	High	Seeking direction for implementation of agreement dated 19.07.2017 Letter of Support Policy for development of	Nil	Rs.500,000/-

	Kashmir Power PVT. Ltd vs FOP etc.	Pending		renewable energy of power generation.		
9.	W.P. 2868/2018 Ittefaq Power Ltd vs FOP etc	19.07.2018 Pending	Islamabad High Court	Ibid	Nil	Rs.500,000/-
10.	W.P. 3603/2018 Indus Energy Ltd. vs FOP etc.	29.09.2018 Pending	Islamabad High Court	Ibid	Nil	Rs.500,000/-
11.	W.P. 558/2018 Bahawalpur Energy Ltd Vs. FOP. Etc.	13.02.2018 Pending	Islamabad High Court	Petitioner seeking direction for implementation of letter of intent regarding the 2006 Policy for Development of Renewable Energy Generation	Nil	Rs. 7,50,000/-
12.	W.P. 267/2018 Hunza Power Ltd Vs. FOP etc	24.01.2018 Pending	Islamabad High Court	Petitioner Seeks direction for Implementation of electricity Purchase agreement.	Nil	1,500,000/-

NEPRA Cases

13.	W.P. 1571/2018 CPPA Vs. NEPRA & Others.	24.04.2018 Decided vide order 07.06.23	Islamabad Court	High	Principal dispute of extending defunct upfront tariff of 2013. CPPA has Challenged NEPRA for allowing 12 bagasse projects to avail and opt for superseded tariff by the 2017 Upfront Tariff. The applicable leveled tariff under 2013 tariff is Rs.10.4078/kWh, whereas the leveled tariff applicable under 2017 Tariff Rs. 7.9741/kWh. As a consequence, Rs.2.4337/kWh shall be paid by the Petitioner to the Respondents, in excess of the rate notified by the Federal Government vide the Upfront tariff of 2017 dated 22.01.2018 and would result in total loss of a minimum of Rs.190 billion over the term.'	Nil	Rs. 3,600,000/-
14.	W.P. 3681/2018 CPPA vs NEPRA & others	03.10.2018 3.10.2023	Islamabad Court	High	NEPRA has issued a SCN to CPPA dated August 17, 2018, alleging non-fulfillment of obligations as Market Operator in which different observations were raised against CPPA which included inter-alia denial by CPPA to procure power by qualified power producers without legal justification. Several IPPs in Khyber-Pakhtoonkhwa have been issued tariff, which is notified in Gazette by the Federal Government, yet CPPA did not execute PPA with them. CPPA submits that negotiations are taking place between the PEDO Projects, and that there is no policy in field on the basis of which an EPA can be executed with the future renewable projects.	Nil	Rs.7,00,000/-
15.	W.P. 2809/2018 CPPA vs	16.06.2018	Islamabad Court	High	CPPA impugns the SCN dated 11.01.2018 issued by NEPRA calling the Market Operator as to why its registration should not be cancelled and why a fine of PKR 100 million should not be imposed on CPPA. The CPPA submits that the impugned SCN	Rs.100 million	Rs.7,50,000/-

	NEPRA etc.	3.10.2023		was issued in transgression of procedure prescribed in Rule 4 of NEPRA (Fines) Rules, 2002 as the petitioner was not given the opportunity to admit or deny the occurrence of violation of provisions of the Rule 4(2).		
16.	W.P. 3046/2018 HNDS Energy Pvt Ltd etc. vs FOP etc.	02.08.2018 Decided vide Order Dated 21.04.2022	Islamabad High Court	Petitioners seek direction to set aside the CCE decision dated 12.12.2017 (wherein the CCE decided <i>inter alia</i> that: 'Only those projects shall be implemented out of the current list where either IA or EPA has been signed already'; 'All projects based on wind, solar, small hydel and bagasse energy will be awarded through competitive bidding.'; 'All contracts arising out of competitive bidding should be for a term of 15 years) and Cabinet committee memorandum dated 03.01.2018]	Nil	Rs.5,00,000/-
17.	W.P. 2450/2018 CPPA vs NEPRA (4 bagasse)	26.06.2018 Pending	Islamabad High Court	The CPPA is aggrieved by the NEPRA's decision dated 06.06.2018 bearing no. NEPRA/SAT-I/TRF-UTB-2013/8918 (the "Impugned Order") is in violation of express, binding and mandatory provision of MO Rules, NEPRA Act, and settled principles of law, as enunciated by the Superior Courts of Pakistan. The aforementioned decision of NEPRA would have a substantial impact on the rights and liabilities of the Petitioner, and particularly, a loss of Rs. 3.3 Billion approximately to the national power sector and ultimately the end consumer. The Petitioner, despite the lapse of 4 months, was not provided any notice of hearing nor provided any opportunity to make oral submissions before NEPRA in this respect. [Petitioner Challenged the order dated 06.06.2018 passed by NEPRA whereby petitioner's electricity procurement reference is decided against the Petitioner.]	Nil	Rs.5,00,000/-

18.	W.P. 655/2018 Title: CPPA Vs. NEPRA (small hydel)	20.02.2018 Decided vide order dated 16.11.2022	Islamabad High Court	The CPPA is aggrieved by the NEPRA's decision to issue the Extended Upfront Tariff and to reject the Rehearing Request in terms of the Rehearing Rejection, without giving the CPPA an opportunity to be heard as required by NEPRA under Regulation 3(2) of 2011 Regulations as well as Regulation 3 of 2009 Regulations. It is contended that NEPRA unilaterally Extended Upfront Tariff and re-determined the Reviewed Tariff Expiry Date, without seeking input of CPPA and without holding a public hearing.		Rs.1,500,000/-
19.	W.P. 2929/2018 CPPA vs NEPRA & another	23.07.2018 Disposed of vide order dated 07/03/2023	Islamabad High Court	CPPA has Challenged the NEPRA determination dated 12.07.2018 in the Islamabad High Court.	Nil	Rs.5,00,000/-
20.	W.P. 1365/2017 CPPA vs NEPRA etc.	11.04.2017 Disposed of vide order dated 13.06.2023	Islamabad High Court	NEPRA has ordered to reimburse the LDs imposed on FFC amounting US\$0.447 million, therefore the petition is filed to set aside the said order.	US\$0.447million	Rs.700,000/-
21.	W.P. 1804/2016 CTGI-WK Cholistan Solar Power Project vs NEPRA etc.	12.05.2016 Decided vide Order dated 11.04.2023.	Islamabad High Court	Principal dispute arising out of non-issuance of Power Acquisition Request (PAR) or non-execution of the PPA/EPA by CPPA owing to the CCE decision which mandates application of reverse bidding. CPPA is of the considered opinion that mere LOI or LOS, in the absence of a validly executed contract, does not accrue any vested rights in favor of the IPPs. Unjustified enrichment contrary to the public interest and processing in contravention to CCE decision lacking codal formalities such as absence of notified tariff provide for impasse	Nil	

				in processing. It must be noted that, <i>vide</i> its letter no.IPPs-6(10)/2017-C dated 05.01.2018 the Ministry of Energy intimated the decision of the Cabinet Committee on Energy ("CCE") in case no.CCE-41/10/2017 dated 12.12.2017 ("CCE Decision") wherein the CCE decided <i>inter alia</i> that: 'Only those projects shall be implemented out of the current list where either IA or EPA has been signed already'; 'All projects based on wind, solar, small hydel and bagasse energy will be awarded through competitive bidding.'; 'All contracts arising out of competitive bidding should be for a term of 15 years'.		
				[Petitioner challenged the letters of NEPRA]		
22.	ICA 352/2017 CPPA vs Access Pvt Ltd. etc.	17.11.2017 23.10.23	Islamabad Court	High	Intra Court Appels were filed by CPPA against order passed in writ petition filed by Access Electric, wherein IHC remanded the matter to NEPRA for re-determination on tariff.	Rs.1.5 Million each ICA
23.	ICA 353/2017 CPPA vs Access Solar Pvt Ltd etc	17.11.2017 23.10.23				
24.	I.C.A 521/2018 Title: Trident GB vs M/o Energy	10.12.2018 Decided vide 19.10.2022	Islamabad Court	High	Intra Court Appeal in Writ Petition 21 of 2018 seeking directions for LOS from PPDB & PPWB.	Rs.1,000,000/-

25.	W.P. 1298/2019 JDW Sugar Mills Ltd. vs FOP etc	04.04.2019 Disposed of vide order dated 07.06.2023	Islamabad Court	High	The Company has challenged/impugned the notices of CPPA regarding deductions made pursuant to the Tariff Determination of NEPRA.		Rs.2,000,000/-
26.	W.P.No. 2008/2019 Norinco International Thatta Power Limited vs. FOP etc.	22.05.2019 Disposed of vide order dated 31.03.2023	Islamabad Court	High	The Company/Norinco has challenged the impugned decision dated 27.2.19 and 12.12.17 regarding extension in validity period of letter of intent by submitting extended bank guarantee.	Nil	Rs.1,000,000/-
27.	W.P 3257/2021 NPGCL vs. NEPRA	15.09.2021	Islamabad Court	High	Petitioner Challenged the decision of NEPRA regarding the change of regime from take or pay to take or pay.	Nil	Legal Department CPPA
28.	W.P 3414/2021 Jamshoro vs. NEPRA	24.09.2021 19.09.2023			Clubbed with ICA 3257/2021		
29.	W.P 3830/21 PESCO vs.	27.10.2021	Islamabad Court	High	The petitioner impugned the orders dated 11.01.2021, 29.06.21, 04.10.2021, passed by of the NEPRA through which the NEPRA directed to the petitioner to pay the	Nil	Legal Department CPPA

	NEPRA etc	Decided vide order dated 06.02.2023		claim of M/s Sarhad Ruler Support Program (Respondent No.2) of amount of Rs.1,20,35,368/- for 29,48,472 kwh units of the electricity consumed by the petitioner.		
Wheeling Cases						
30.	W.P No. 25814/2020 NTDC vs. NEPRA	16.06.2020 Pending	Lahore Court	High	Relates to wheeling of electric Power.	AG Office
31.	W.P No. 25925/2020 LESCO Vs. NEPRA	12.06.2020 Pending				
32.	W.P.No.2654 4/2020 FESCO vs. NEPRA	16.16.2020 Pending				
33.	W.P No.28404/2020 GEPCO vs. NEPRA	16.06.2020 Pending				
34.	W.P	11.02.2021	Islamabad	High	Petitioners impugned determination of NEPRA regarding cost of	Rs. 100,000/-

	No.568/2021 IESCO vs. NEPRA		Court Disposed of vide order dated 03.03.2023.	Wheeling and Challenge vires of NEPRA (wheeling of electric power) regulations 2016.		for each petition.
35.	W.P No.569/2021 SEPCO vs. NEPRA	11.02.2021				
36.	W.P No.570/2021 MEPCO vs. NEPRA	11.02.2021				
37.	W.P No.571/2021 HESCO vs. NEPRA	11.02.2021				
38.	W.P No.572/2021 GEPCO vs. NEPRA	11.02.2021				
39.	W.P No.623/2021 FESCO vs. NEPRA	15.02.2021				
40.	W.P No.624/2021 LESCO vs.	15.02.2021				Rs. 100,000/- for each petition.

	NEPRA					
41.	W.P No.625/2021 PESCO vs. NEPRA	15.02.2021				
42.	W.P No.626/2021 QESCO vs. NEPRA	15.02.2021				
Cases related to 9IPPs Award						
43.	C.A No.722/2012 Taisei Corporation vs. A.M. Construction	08.08.2012 Pending	Supreme Court of Pakistan	Relates to the issue of "Whether Arbitration Act, 1940 is applicable to the 9 IPPs Award".		Rs. 2 Million
44.	Civil Original Suit No. 42813-2017 Atlas Power Ltd vs NTDC	26.09.2017 Decided vide order dated 12.01.2023	Lahore Court High	An award has been passed in LCIA Arbitration No. 142730 against CPPA to pay the specified amounts to the 9 IPPs. Atlas Power has filed the enforcement Petitions of the said award while objections are filed by CPPA.		Rs.600,000/-
45.	Civil Original Suit No. 42812/2017	26.09.2017 Decided vide order dated				Rs.600,000

46.	Atlas Power Ltd vs NTDC	12.01.2023				Rs.25,00,000/-
	Civil Original Suit No. 19263/2017 NTDC vs. Islamic Republic of Pakistan	09.07.2017 Decided vide order dated 12.01.2023				
47.	Civil Original Suit 169041/2018 Atlas Power vs NTDC	29.11.2017 Decided vide order dated 12.01.2023				Rs.25,00,000/-
48.	NTDC vs. Liberty Power Tech.	28.06.2017 Disposed of vide order dated 06.3.23	Civil Lahore	Court	These cases are filed by CPPA to set aside the Interim Award issued in LCIA Arbitrations No. 173405 & 173706.	Rs.800,000/-
49.	NTDC vs. Nishat Churian Limited.	16.08.2019 Disposed of vide order dated 06.03.23				
50.	CPLA	31.05.2017	Supreme Court		Relates to the Enforcement Petitions for LCIA award in	Rs.500,000/-

	No.1820/2017 Atlas Power vs Islamic Republic of Pakistan etc.,	Decided vide order dated 23.09.22	of Pakistan	arbitration No. 142730 filed against CPPA mentioned at Serial No.41-43		
51.	Crl. No. 57594-17 Islamic Republic of Pakistan vs Liberty Power	16.08.2017 Pending	Lahore Court High			Rs.600,000/-
52.	I.C.A 31697/17 Orient Power Company Pvt Ltd. etc. vs Islamic Republic of Pakistan etc.	09.07.2017 Decided vide order dated 06.02.2023				Rs. 1,300,000/-
53.	Crl. Org. No. 29093/2017 Islamic Republic of Pakistan vs Atlas Power Ltd. etc	09.07.2017 Disposed of vide Order dated 17.04.2023		Clubbed with I.C.A. No.31697/2017		Rs. N/A

54.	Civil Revision No 10249/2017 Atlas Power vs NTDC	11.08.2017 Pending	District Lahore	Court	Relates to the Enforcement Petitions for LCIA award in arbitration No. 142730 filed against CPPA, mentioned at Serial No. 41-43		Rs.700,000/-
55.	Islamic Republic of Pakistan vs. Atlas Power Ltd.	31.10.2016 Pending	Civil Lahore	Court			Rs.600,000/-
56.	Civil Revision No. 57600/2017 Islamic Republic of Pakistan vs Liberty Power Tech	16.08.2017 Pending	Lahore Court	High			
57.	W.P. 66100- 2017 Atlas Power Ltd etc vs Islamic Republic of Pakistan	28.09.2017 Pending					Rs.600,000/-
58.	W.P. 66145-	08.09.2017					Rs.800,000/-

2017	Power Ltd etc vs NTDC	Pending			
59.	NTDC vs Prof Douglas Jones	07.12.2017 Decided vide Order dated 03.02.2023	Civil Lahore Court,	Application under section 30 of the Arbitration Act has been filed against the Arbitrator for proceeding in 9 IPPs case/Arbitration despite the injunction from Pakistani Court. Relates to enforcement Petitions in 9 IPPs award. The enforcement proceedings pending before the LHC has been	Rs.800,000/-
L/C related cases					
60.	W.P. 6793/2015 Orient Power Company Ltd. vs. NTDC etc.	07.07.2015 Pending	Lahore Court	High Court	Sheikh Muhammad Ali
Environment related case					
61.	W.P. 8960/2019 Maria Khan etc. Vs. FOP	11.07.2019	Lahore Court.	High	Rs. 500,000/-

etc.	Pending					
Enforcement related to LCIA Arbitration						
62.	NTDC vs Edwin Glasgow (Liberty Power Tech Ltd)	23.08.2019 Withdrawn vide order dated 06/03/2023	Civil Lahore	Court, Lahore	The case is filed by CPPA to set aside the Final Partial Award issued in LCIA Arbitration No. 173705 & 173706 respectively.	Rs. 500,000/- per suit
63.	NTDC vs Edwin Glasgow (Nishat Chumian Power Ltd.)	26.08.2019 Withdrawn vide order dated 06/03/2023				
64.	NTDC vs. Nishat Power	19.08.2019 Pending	Civil Lahore	Court	Suit is filed to challenge the Final Award issued on 06.07.2020 in the LCIA arbitration No.173712 titled Nishat Power Ltd vs. NTDC.	Rs.750,000/-
65.	C.O.S No.227789/2018 Nishat Power Ltd. vs.	03.08.2018	Lahore Court	High	It is an application u/s 6 of the Recognition & Enforcement (Arbitration Agreements and Foreign Arbitral Award) Act, 2011 regarding the Partial Final Award dated 13-07-2018 as passed in LCIA Arbitration No.173712.	Rs.500,000/-

	NTDC & another	Pending				
66.	C.O.S No. 1440/2021 Nishat Power Ltd. vs. NTDC etc.	05.10.2021 Pending	Lahore High Court	It is an application u/s 6 of the Recognition & Enforcement (Arbitration Agreements and Foreign Arbitral Award) Act, 2011 regarding the final award dated 06-07-2020 as passed in LCIA Arbitration No.173712.	Rs.500,000/-	
67.	NTDC vs Orient Power Company Limited	05.09.2017 Pending	Civil Court Lahore	Objections under section 15 & 16 of Arbitration Act are filed to Arbitration Award dated 02.05.2017 in LCIA arbitration award 153156.	Rs.500,000/-	
68.	Exe. Petition No.2/2020 Nishat Chunian Power Ltd. Vs. NTDC & another	9.12.2020 Pending	Islamabad High Court	Application Under 6 of the recognition & enforcement (Arbitration Agreements & Foreign Arbitral Awards) Act, 2011 read with other applicable provisions of the Law. For the enforcement of final Award 28.10.2019	Rs. 1 Million each petition	
69.	Exe. Petition No.3/2020 Liberty Power Ltd. Vs. NTDC & another	09.12.2020 Pending				

Cases related to Recovery/Liquidation						
70.	NTDC vs JPGL	02.09.2013	Civil Court, Lahore	Suit for Recovery pursuant to winding up of Japan Power by Lahore High Court, Lahore in C.O. No. 88286 of 2017.		Rs.1,500,000/-
		Pending				
71.	C.O 88286/2017 Seimms Pakistan vs JPGL	16.10.2017	Lahore High Court	The winding up proceedings is pending and Liquidator has been appointed, who submitted his reports regarding liquidation. The CPPA has submitted his claim before the Liquidator and also filed objections against the reports submitted by the Liquidator.		
		Date in office				
72.	Execution Petition No. 725/1-2015, NTDC vs SEPCOL	07.07.2015	Civil Court, Lahore	Execution Petition for the enforcement of arbitration award dated 09.07.2013.		
		Pending				
K-Electric & related Cases						
73.	CP No. D-4485/2012 M/s SITE Association of Industry vs	20.12.2012	Sindh High Court	Restrained from interfering with the functioning of the PPA & supply of electricity.	Clubbed cases. Noncritical Last date: 26.02.2021 Next date:	Standing Counsel for FOP & NTDC

	FOP & others	Pending			01.03.2023	
74.	Suit No. 205/2014 K-electric Limited & other vs. FOP & others	06.02.2014 Pending			The case shall become infructuous on execution of PPA for which negotiations are ongoing. It has been considered that the vacation of stay and termination of arrangement shall be contrary to the fundamental rights of provision of electricity.	
75.	Suit no. 1728-2012 Abdul Karim Khan vs Federation of Pakistan & Others	19.12.2012 Pending				
76.	Const. P.6254/2018 K-Electric Ltd. vs NEPRA & another	01.09.2018 Pending	Sindh Court	High	NEPRA vide its decision ref. no. NEPRA/SAT-I/LAD-01/1206 imposed a fine of PKR 10 million on CPPA. CPPA submits that the impugned decision illegal, arbitrary, mala fide and without justification. K-Electric receives 650 MW electricity on a PPA signed in 2010 for five years, and the petitioner requested K-electric to extend the PPA, but formal extension has not been made till date.	Rs. 150,000/-
77.	NTDC vs. K-electric	22.06.2018 11.09.2023	Civil Islamabad	Court	Principal dispute pertains to recovery of amounts due and payable by K-Electric for electricity supplied by Power Purchaser. Suit for Recovery before Civil Court Islamabad of Rs. 83,990 Million along with interest from the date of default, pendent lite and till realization of the Decretal Amount and	Rs.83,990 million Rs. 7,50,000/-

					Expenses.		
Cases related to Lalpir & Pakgen							
78.	I.C.A. no. 575/2016 GM WAPDA vs Lalpir Power Ltd	Decided vide order dated 04.07.2022	Lahore Court	High	The W.P was agitated for unlawful set-off of LDs which was decided in favor of IPP(Lalpir/Pakgen). The same was assailed in I.C.A & till date the order of single bench stands suspended.		Engagement made by NTDC
79.	I.C.A. no. 577/2016 GM WAPDA vs Pakgen Power Ltd.	Ibid					
80.	I.C.A. 113/2020 PSO vs Lalpir Power Ltd.	27.04.2020 Pending	Islamabad High Court	High	The Appellant being aggrieved of Disposal of W.P No.3320/2018, 3740/2018,3319/2019 & 424/2019 filed these I.C.A.s	Null	Rs. 1,000,000/-
81.	I.C.114/2020 PSO vs Saba Power Ltd.	27.04.2020 Pending	Islamabad High Court	High			
82.	I.C.A.	27.04.2020					

	115/2020 PSO vs Pakgen Power Ltd.	Pending					
83.	I.C.A. 116/2020 PSO Vs. Kohinoor	27.04.2020 Pending					
84.	W.P No 1367/2020 PSO Ltd. Vs. FOP etc	13.05.2020 Pending	Islamabad High Court	Petitioner questions validity of order dated 10-10-2019 passed by NEPRA tribunal.	Nil	Rs.400,000/-	
85.	C.P No. 3720/20 Savy Link vs. Phydo,etc	14.01.2021 Dismissed as withdrawn vide order dated 03.04.2023	Supreme Court of Pakistan	Savy Link has assailed the decision of Peshawar High Court whereby the W.P filed by Savy Link is dismissed being meritless.	Nil	Sheikh Muhammad Ali	
86.	C.O. No. 1448/21 Lalpir Power vs. WAPDA	Decided	Lahore High Court	An Award has been passed in ICC case No.23792/HTG against CPPA to pay specified amounts to both companies i.e.Lalpir Power Ltd. & Pakgen Power Ltd, whereby CPPA has filed objections	Nil	Sheikh Muhammad Ali	
87.	C.O. No.1453/21 Title Pakgen.	Decided					

	Power Vs, WAPDA					
Other Cases						
88.	W.P 173/2022 Laraib Energy Limited vs. FOP	18.01.2022 Pending	Islamabad Court	High	Petitioner raised that its request for quarterly indexation has not been allowed and instead indexation for O&M Component for a certain period was requested. The petitioner challenged the decision of NEPRA and CPPA to renegotiate the operation and maintenance component of tariff.	Nill Rs. 1,000,000/-
89.	W.P 56243/2021 Ali enterprises vs. FOP etc.	27/10/2021 Pending	Lahore Court	High	Relates to electricity bill issued by LESCO against the SRO 12 of 2019 which is US9 cents /Kwh	Nill AG Office
90.	W.P 48959/2021 Emaan Weaving Factory vs. FOP	27/10/2021 Pending	Lahore Court	High	Relates to special relief package of zero-rated sector	Nill Rs. 100,000/-
90.	I.C.A No. 1037/2013 Muhammad	28.11.2013	Lahore Court	High	Challenge/ relates to variation in fuel surcharge.	Nill AG Office

	Tariq Javed vs. FOP	Disposed of vide order dated 23/02/2023				
91.	W.P No 15298/2020 NEPRA vs. NAB	06.05.2020 Pending	Lahore Court	High Court	NEPRA has challenged the inquiry under the provisions of NAB Ordinance 1999.	Nill AG Office
92.	Lucky Electric Power Company LTD. vs. CPPA & another	12.04.2022 Dismissed as withdrawn vide 22.11.202	ADD. District Judge Zafar Iqbal		Impugned the letter of CPPA to encash LC of Lucky Electric Power Company.	Nill Rs.500,000/-
93.	Suit No.1012/2022 Engro Powergen Thar vs CPPA etc.	06/07/2022 Pending	Sindh High Court		The plaintiff company challenged the jurisdiction of the NERPA to entrain the impugned complaint filed by the CPPA under the National Electric Power Regulatory Authority (Complaint Handling and Dispute Resolution Procedure) Rules, 2015.	Nill Rs.800,000/-
94.	Suit No.1053/2022	20/07/2022	Sindh High Court		Through this Suit, Plaintiff seeks to challenge Defendants failure to frame and issue rules / regulations prescribing the procedure for filing, hearing and deciding appeals by Defendant No.3(Nill AG Office

	Engro Powergen vs Pakistan and others	Pending		NEPRA Tribunal) and the said Defendants failure to hear and decides Plaintiffs Appeal-and Stay Application against a Decision of Defendant No.2 (the "NEPRA") in the matter of Commercial Operation Date Adjustment of 660 MW Engro Powergen Thar (Pvt.) Ltd's Thar coal power plant in Tharparkar, Sindh dated 15.06.2022 ("Impugned Decision")		
95.	W.P No. 1997/2022 Faran Power Limited vs AEDB & others	20/06/2022 Pending	Islamabad High Court	The petitioner filed the writ petition for seeking direction of releasing of his performance bound from AEDB on the ground that the project defaulted in 2018 for reasons beyond his control and thus the petitioner could not be penalized by the encashment of performance bound.	Nil	Rs.250,000/-
96.	W.P No. 2008/2022 HSM vs AEDB & others	20/06/2022 Pending	Islamabad High Court	Ibid	Nil	Rs.250,000/-
97.	W.P No. 2009/2022 Mehran Energy Limited vs AEDB & others	20/06/2022 Pending	Islamabad High Court	Ibid	Nil	Rs.250,000/-
98.	W.P No.801/2023	07/03/2023	Islamabad High Court	The Sheikho Power (Pvt) Ltd (hereinafter referred as the "Petitioner" or the "SPPL") vide W.P No. 801/2023 requested	Nil	Rs.500,000/-

	Sheikhoo Power (Pvt) Ltd vs FOP and Others	27/06/2023	Lahore Court	High	for return of its Performance Guarantee from AEDB on the ground the project parameters had been changed drastically and the project is no more available for the reasons beyond its control, thus the petitioner cloud not be penalized by the encashment of the Performance Guarantee.	Nil	Rs.500,000/-
99.	W.P No.49337/2022 Punjab Beverages Co Vs FOP	19/08/2022	Lahore Court	High	The Petitioner challenged the legality and validity of the heavy and charge of Fuel Price Adjustment that has been levied on the petitioner's company through the monthly electricity bill.	Nil	Rs.500,000/-
100.	W.P No. 50677/2022 Mian Hussain Ifikhar Vs FOP	31/08/2022	Lahore Court	High	Ibid	Nil	Rs.500,000/-
101.	W.P No.50826/2022 M. Abbas Mirza Vs FOP	01/09/2022	Lahore Court	High	Ibid	Nil	Rs.500,000/-
102.	W.P No. 50249/2022 Interwood Mobel Pvt Ltd Vs FOP	26/08/2022	Lahore Court	High	Ibid	Nil	Rs.500,000/-

103.	W.P No. 50450/2022 Kh. Ahmed Tariq vs FOP	29/08/2022	Lahore Court	High	Ibid		Rs.500,000/-
104.	W.P No. 30873/2022 Chinab Limited vs FOP	24/05/2022 Decided vide order dated 06.02.2023	Lahore Court	High		The Petitioner challenged the legality and validity of the levy and charge of Fuel Price Adjustment that has been levied on the petitioner company through the monthly electricity bill for April-2022 by the LECSO in complete negation of the fact that the petitioner is part of export oriented sector and as such is entitled to special concessionary tariff (all-inclusive tariff of 9 cents/kwh) applicable to the export oriented industrial consumers pursuant to SRO 12(1)/2019 dated 01.01.2019 and ratified subsequently through many instruments including the ECC decision dated 09.09.2020. & 24.08.2021.	AG Office
105.	Saif Power Limited Vs CPPA	07/10/2022 11/07/2023	Civil Islamabad (WEST)	Court		The plaintiff challenged the deductions or adjustments of any amount from the invoices furnished by the plaintiff on account of Kh factor differences.	Rs.41 million approximately Rs.200,000/-
106.	Sapphire Power Limited Vs CPPA	07/10/2022 11/07/2023	Civil Islamabad (WEST)	Court	Ibid		Rs.29 million approximately Rs.200,000/-
107.	Halmore Power Limited	07/10/2022 11/07/2023	Civil Court Islamabad (WEST)		Ibid		Rs.35 million approximately Rs.200,000/-

	Vs CPPA						
108.	Orient Power Limited Vs CPPA	29/12/2023 11/07/2023	Civil Court Islamabad (WEST)	Ibid	Rs. 30 million approximately	Rs.200,000/-	
109.	W.P No. 1593/22 Foundation Wind Energy- I Ltd Vs FBR and others	12/01/2022 23/05/2023 (not fixed)	Islamabad High Court	The petitioner filed an application for revision of sales tax before the Federal Board of Revenue for condonation of delay which was dismissed vide order dated 01/03/2022 on account of time barred. The petitioner assailed the order before the Islamabad High Court praying to set aside the order and be allowed to revise the sales tax returns.	Nil	Legal Department CPPA	
110.	W.P No.1118/2023 NTDC vs CPPA & others	30/03/2023 26/04/2023 (not fixed)	Islamabad High Court.	NTDC impugns order CPPA (G) where Fuel Price Adjustment in Tariff under 31(7) NEPRA was ordered upon. EMO deviation changes were disallowed and were declared to be treated as settlement debts. CPPA-G is restrained from making further debits to the settlement account of the petitioner in relation to the alleged violations of the economic merit order.	Nil	Rs.500,000/-	
111.	W.P No.64690/2022 Rehman Construction & Interior (Pvt) Limited vs	18.10.2022 29.05.2023 (Pending)	Lahore High Court	The Petitioner participated in the bidding process qua the Tender Notice got published in a newspaper by CPPA-G in November 2018 for hiring contractors for interior and renovation pieces of work and in response, the Petitioner submitted a bid security of Rs. 25,000,000/- but the Respondent (CPPA) vide letter dated 19.3.2019 disqualified it in view of clause 18 of PPRA Rules 2004 on the ground that the petitioner committed forgery while submitting the documents with the bid resulting into forfeiture of the financial bid and blacklisting the Company by the	2.5 million	AG-Office	

	FOP (CPPA-G is respondent no.2)			Respondents.		
112.	W.P No.1012/2023 M/s Pan Asia Food & other vs FOP (CPPA-G is respondent no.3)	21.03.2023 26.09.2023	Islamabad High Court	<p>The petitioner challenged the blacklisting producer taken by PPRA under PPRA rules and prayed for declared the same as illegal, unlawful.</p> <p>Briefly, the Petitioners filed the said WP impugned the QTA and FPA imposed by the NEPRA on the ground that the NEPRA has no Authority to issued QTA & FPA as pe the NEPRA Act 1997.</p>	Nil	Legal Department- CPPA(G)
113.	W.P No.2087/23 CPPA-G Employees Gratuity Fund Trust vs FBR etc.	24.06.2023 Pending	Islamabad High Court	<p>The petitioner has challenged the Federal Board of Revenue Circular dated 30.07.2021.</p> <p>The petitioner, inter-alia, contends that the petitioner is a registered Employees' Contributory Provident Fund Trust which was registered in the year, 2016.</p> <p>The Petitioner further contended that for the purposes of tax exemption under the impugned circular, the respondent department has mandated the fresh registration of the trust, which is unwarranted and without lawful authority. It was submitted that in similar circumstances, the Sindh High Court has declared the circular to be without lawful authority.</p>	N/A	600,000/-
114.	W.P No.2088/23 CPPA-G Provident Fund Trust vs	24.06.2023 Pending	Islamabad High Court	<p>The petitioner has challenged the Federal Board of Revenue Circular dated 30.07.2021.</p> <p>The petitioner, inter-alia, contends that the petitioner is a registered Employees' Contributory Provident Fund Trust which</p>	N/A	600,000/-

	FBR etc.				was registered in the year, 2016. The Petitioner further contended that for the purposes of tax exemption under the impugned circular, the respondent department has mandated the fresh registration of the trust, which is unwarranted and without lawful authority. It was submitted that in similar circumstances, the Sindh High Court has declared the circular to be without lawful authority.		
115.	W.P No.770/2021 NTDC vs FBR (CPPA- G is Respondent No.2)	25.02.2021 Pending	Islamabad High Court	The Petitioner is aggrieved of the letter dated 01.02.2021 issued by CPPA-G, whereby the referred company has withheld 8% of the payment which has to be made to the Petitioner under the pretext of withholding tax @ of 8%. The petitioner contended that the impugned action of the CPPA-G is in violation of SRO 586(1)/91 dated 30.06.1991.	Nil	200,000/-	
116.	Const. P No.2079/18 Foundation Wind Energy- I vs FOP	15.03.2018 Pending	Sindh High Court	The principal dispute pertains to Workers Welfare Fund (WWF). Constitutional petitions touching upon the uncertainty after the 18 th amendment and the clarity sought after the Supreme Court decision in the matter of WWF.	nil	AG-Office	
117.	W.P. 34668/22 Nishat Chunian vs FOP (CPPA- G is respondent no.4)	06.06.2022 Pending	Lahore Court	The petition challenges the notice of hearing dated 28.04.2022 issued by the National Electric Power Regulatory Authority (NEPRA) for adjustment of calorific value. It is contended that the component of the tariff which is sought to be reviewed has already been determined by the NEPRA in February 2016.	Nil	AG-Office	

118.	W.P No.34659/22 Nishat Power Ltd vs FOP	06.06.2022 Pending	Lahore Court	High	Ibid		Nill	AG-Office
119.	W.P No.34675/22 Attock Gen Ltd vs FOP	06.06.2022 Pendind	Lahore Court	High	Ibid		Nill	AG-Office
120.	W.P No.34676/22 Liberty Power vs FOP	06.06.2022 Pending	Lahore Court	High	Ibid		nill	AG-Office
CASES/APPEALS BEFORE THE NEPRA APPELLATE TRIBUNAL								
121.	NT/59/2022 FESCO vs NEPRA & Others	03.05.2023 Pending	NEPRA Appellate Tribunal			The appellant/ FESCO challenged the NEPRA's decision dated 19.08.2022. The appellant is aggrieved by the order dated 19.08.2022 wherein the Authority declared the Common Delivery Point (CDP) at 132kv Sahiwal New Grid Station while the appellant wants to establish a CDP point at Chanar Energy Limited.	Nill	Legal Department CPPA
122.	NT/40/2022 CPHGCL vs NEPRA & others	29.03.2023 Pending	NEPRA Appellate Tribunal			The appellant assailed the order dated 30.06.2022 passed by the NEPRA in the matter of Commercial Operations Date (COD) of 320MW of the appellant's Company. The appellant alleged that the NEPRA revised and modified the tariff components contrary to the rules and regulations.	Nill	Legal Department CPPA

123.	NT/26/2022 CPHGCL vs NEPRA & others	29.03.2023 Pending	NEPRA Appellate Tribunal	The appellant Company challenged the NEPRA order <i>dated</i> 16.02.2022 in the matter of Fuel Price Adjustment for the Company wherein the NEPRA relied on Argus/McCloskey Coal Price Index Report for FPI Differentials.	Nil	Legal Department CPPA
123.	NT/29/2022 CPHGCL vs NEPRA & others	29.03.2023 Pending	NEPRA Appellate Tribunal	The appellant Company challenged the NEPRA order <i>dated</i> 17.05.2022 in the matter of Fuel Price Adjustment for the Company wherein the NEPRA relied on Argus/McCloskey Coal Price Index Report for FPI Differentials.	Nil	Legal Department CPPA
124.	NT/30/2022 CPHGCL vs NEPRA & others	29.03.2023 Pending	NEPRA Appellate Tribunal	The appellant Company challenged the NEPRA order <i>dated</i> 24.02.2022 in the matter of Fuel Price Adjustment for the Company wherein the NEPRA relied on Argus/McCloskey Coal Price Index Report for FPI Differentials.	Nil	Legal Department CPPA
125.	NT/32/2022 CPHGCL vs NEPRA & others	29.03.2023 Pending	NEPRA Appellate Tribunal	The appellant Company challenged the NEPRA order <i>dated</i> 22.04.2022 in the matter of Fuel Price Adjustment for the Company wherein the NEPRA relied on Argus/McCloskey Coal Price Index Report for FPI Differentials.	Nil	Legal Department CPPA
126.	NT/69/2022 CPHGCL vs NEPRA & others	29.03.2023 Pending	NEPRA Appellate Tribunal	The appellant Company challenged the NEPRA order <i>dated</i> 13.09.2022 in the matter of Fuel Price Adjustment for the Company for the month of August 2022, wherein the NEPRA relied on Argus/McCloskey Coal Price Index Report for FPI Differentials.	Nil	Legal Department CPPA
127.	NT/86/2022 CPPA-G vs NEPRA	07.11.2022 Remanded Back	NEPRA Appellate Tribunal	The CPPA-G challenged the NEPRA order dated 20.11.2022, through which the NEPRA imposed fine of Rupees Ten Million (Rs.10,000,000) on CPPA-G allegedly for failure in obtaining NEPRA's approval of Settlement Agreements with Les Lalpir &	Rs. Ten Million	Rs.800,000

					LES Pakgen (IPPs). The appeal converted into the review petition and remanded back to the NEPRA with observation to decide the matter in accordance with law/rules.			
128.	27/NT/2023 QTPL vs NEPRA	02.05.2023 Pending	NEPRA Appellate Tribunal		The Authority imposed the fine of Rupees ten million on the Appellant for non-compliance with directions of the Authority. The Appellant challenged the said fine order before the Tribunal	Nil	Legal Department CPPA	
129.	33/NT/2023 PQEL vs NEPRA	10.04.2023 Pending	NEPRA Appellate Tribunal		The Authority imposed the fine of Rupees ten million on the Appellant for non-compliance with directions of the Authority. The Appellant challenged the said fine order before the Tribunal	Nil	Legal Department CPPA	
130.	37/NT/2023 Huneng Shandong Ruyi vs NEPRA	10/04/2023 Pending	NEPRA Appellate Tribunal		The Authority imposed the fine of Rupees ten million on the Appellant for non-compliance with directions of the Authority. The Appellant challenged the said fine order before the Tribunal	Nil	Legal Department CPPA	
131.	34/NT/2023 CPHGCL vs NEPRA	10/04/2023 Pending	NEPRA Appellate Tribunal		The Authority imposed the fine of Rupees ten million on the Appellant for non-compliance with directions of the Authority. The Appellant challenged the said fine order before the Tribunal	Nil	Legal Department CPPA	
132.	35/NT/2023 Engro Powergen Qadipur Limited vs NEPRA	10/04/2023 Pending	NEPRA Appellate Tribunal		The Authority imposed the fine of Rupees ten million on the Appellant for non-compliance with directions of the Authority. The Appellant challenged the said fine order before the Tribunal	Nil	Legal Department CPPA	

INTERNATIONAL ARBITRATION

	Laraib Energy Limited	19.01.2021 Pending	International Chamber of Commerce (ICC)	Invoice dispute and payment of liquidated Damages to be paid by Laraib Energy Limited.	Rs.214, 516, 249/- along with interest	Rs. 3.5 million
1.						
2.	Star Hydro vs NTDC/CPPA	29.06.2022 Pending	LCIA Case No.215280	<p>the Request for Arbitration (RFA) filed by M/s Star Hydro Power Limited (SHPL) on 31.08.2021, the company has initiated arbitral proceedings against the National Transmission and Despatch Company Limited (NTDC) before the London Court of International Arbitration.</p> <p>In the RFA, SHPL claims that initially the reference tariff was negotiated upon between the parties at PKR/KWh 7.0496 or US\$/KWh 8.2937, levelized over a thirty (30) year period beginning from the complex's COD. Said reference tariff was predicated upon a reference project cost of US\$ 362,392,200.</p>	US\$ 362,392,200	£920,000/-

LDS Data for FY 2022-23

[illegible]

17th Dec 2022

Dec-2022

Sr No.	Power House connected to NTDC	NTDC Energy kWh		Net Energy to HTS/210	CPFA Energy Purchase Data		Difference	Remarks
		Received	Delivered		Sold to IPP	Net Energy		
1	Atara Power Substation	96,376,818	96,448,226	3,941,222	2,511,979	3,941,222	0	
2	Coal China Power Hub (1320KV)	2,475,464	2,591,700	-26,360	2,401,700	-26,360	0	
3	Coal China Power (600KV)	566,495,000	0	566,495,000	0	566,495,000	0	
4	Coal Lucky Electric	271,941,000	1,064,220	270,877,200	1,064,220	270,877,200	0	
5	Coal Port Qaim (1320KV)	245,964,000	2,537,200	248,501,200	2,537,200	248,501,200	0	
6	Coal Substation (1320KV)	206,170,200	197,906,000	8,114,200	1,536,000	8,114,200	-1,401	
7	Coal Thar Nara Thar	12,000	10,712,000	-10,724,000	10,712,000	-10,724,000	0	
8	Coal Thar Energy Limited (TT-1)	163,915,700	36,000	163,977,200	36,000	163,977,200	0	
9	Coal 1320KV TT-1 Tharpower	363,843,000	4,762,000	359,081,000	4,762,000	359,081,000	0	
10	Engro PowerGen Quaidpur	76,529,501	11,476	76,529,501	11,476	76,529,501	0	
11	Engro PowerGen Quaidpur	109,451,562	39,130	109,411,432	13,111	109,411,432	0	
12	HTS (Atara-Dubai-Shar Khawar) - R-4	29,334,000	1,077,000	28,257,000	0	28,257,000	0	
13	HTS Nara 220KV	84,781,000	164,200	84,922,200	164,200	84,922,200	0	
14	HTS Nara Junction	0	0	0	0	0	0	
15	HTS WAPDA (Shar Khawar)	66,207,000	216,540,000	433,667,000	0	433,667,000	0	
16	HTS WAPDA Mangla	187,554,000	64,793,000	82,777,000	0	82,777,000	0	
17	HTS WAPDA Tarbela	81,329,000	129,234,000	165,699,000	0	165,699,000	0	
18	HTS WAPDA Karachi	109,776,000	191,114,000	-1,236,000	0	-1,236,000	0	
19	HTS WAPDA Karachi	343,000	99,964,200	-99,621,200	0	-99,621,200	0	
20	Lahore Power	0	823,300	-823,300	0	-823,300	0	
21	Nuclear CHASHINI PP - C1	215,200,000	0	215,200,000	0	215,200,000	0	
22	Nuclear CHASHINI PP - C2	224,663,000	0	224,663,000	0	224,663,000	0	
23	Nuclear CHASHINI PP - C3	224,697,000	0	224,697,000	0	224,697,000	0	
24	Nuclear CHASHINI PP - C4	235,096,000	0	235,096,000	0	235,096,000	0	
25	Nuclear KANUPP - K2	608,606,000	624,000	607,982,000	624,000	607,982,000	0	
26	Nuclear KANUPP - K3	696,792,000	0	696,792,000	0	696,792,000	0	
27	PakGen Power	1,497,500	1,721,500	-224,000	0	-224,000	0	
28	RLNG CIPP Baluch	264,306,000	1,102,200	264,124,200	0	264,124,200	0	
29	RLNG CIPP Baluch	121,779,200	1,294,000	123,424,000	0	123,424,000	0	
30	RLNG CIPP Baluch	740,192,000	0	740,192,000	0	740,192,000	0	
31	RLNG CIPP Havel Triana	8,339,000	1,060,700	7,278,300	0	7,278,300	0	
32	RLNG CIPP Havel Triana	166,424,000	86,626,000	-80,000	86,626,000	-80,000	0	
33	RLNG CIPP Havel Triana	166,424,000	86,626,000	-80,000	86,626,000	-80,000	0	
34	TPS Gauda	166,424,000	86,626,000	-80,000	86,626,000	-80,000	0	
35	TPS Gauda 727KV	255,624,000	165,000	255,459,000	0	255,459,000	0	
36	TPS Jamshoro	0	79,000	-79,000	0	-79,000	0	
37	TPS Jamshoro	333,200,000	353,303,000	-20,103,000	0	-20,103,000	0	
38	TPS Jamshoro	366,376,000	0	366,376,000	0	366,376,000	0	
39	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
40	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
41	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
42	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
43	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
44	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
45	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
46	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
47	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
48	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
49	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
50	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
51	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
52	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
53	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
54	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
55	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
56	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
57	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
58	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
59	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
60	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
61	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
62	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
63	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
64	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
65	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
66	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
67	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
68	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
69	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
70	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
71	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
72	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
73	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
74	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
75	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
76	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
77	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
78	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
79	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
80	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
81	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
82	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
83	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
84	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
85	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
86	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
87	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
88	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
89	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
90	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
91	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
92	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
93	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
94	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
95	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
96	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
97	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
98	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
99	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
100	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
101	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
102	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
103	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
104	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
105	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
106	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
107	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
108	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
109	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
110	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
111	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
112	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
113	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
114	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
115	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
116	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
117	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
118	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
119	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
120	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
121	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	
122	TPS Jamshoro	239,567,440	1,452	239,567,440	1,452	239,567,440	0	

Jan-2023

Sl No	Power House connected to NTDC	NTDC Energy kWh		Net Energy in NTDC	Total Plant Energy	CPPIAG Energy Purchase Data		Difference	
		Received	Delivered			Qualifying NED (NTDC-BUSCON)	Sold to IPP	Net Energy	Remarks
1	Adia Power Development	123,256,411	51,590,218	69,676,396	69,676,396	69,680,199	126,663	69,676,396	0
2	Coal : China Power Hah (1230MW)	48,378,888	2,644,488	45,883,600	45,883,600	48,378,888	2,644,488	45,883,600	0
3	Coal : Engro Thar (660MW)	243,514,966	213,288	243,301,678	243,301,678	243,514,966	213,288	243,301,678	0
4	Coal : Enay Electric	344,873,598	346,446	344,879,960	344,879,960	344,873,598	346,446	344,879,960	0
5	Coal : Fero Qadir (1230MW)	445,122,898	1,277,600	443,845,298	443,845,298	445,122,898	1,277,600	443,845,298	0
6	Coal : Sahiwal (1230MW)	662,920,600	21,968,400	638,952,200	638,952,200	662,920,600	21,968,400	638,952,200	0
7	Coal : Thar Nara Thar	71,486,600	1,898,000	69,588,600	69,588,600	71,486,600	1,898,000	69,588,600	0
8	Coal : Thar Energy Limited (TEL)	16,693,500	44,200	16,249,300	16,249,300	16,693,500	44,200	16,249,300	0
9	Coal : 120-MW TCB-1 Turbogenerator	891,137,900	3,608,200	887,529,700	887,529,700	891,137,900	3,608,200	887,529,700	0
10	Engro PowerGen Quadique	97,333,617	1,289	97,344,906	97,344,906	97,333,617	1,289	97,344,906	0
11	Engro PowerGen Quadique	118,929,169	1,179,416	117,749,753	117,749,753	118,929,169	1,179,416	117,749,753	0
12	HPS (Allied+Dabir+Chen Khwaraz) - Bar	16,684,000	2,433,000	14,251,000	14,251,000	16,684,000	2,433,000	14,251,000	0
13	HPS Karot 720MW	83,471,200	140,560	83,330,640	83,330,640	83,471,200	140,560	83,330,640	0
14	HPS Naranj Pichan	0	0	0	0	0	0	0	0
15	HPS Naranj Pichan	578,982,000	351,026,000	197,956,000	197,956,000	578,982,000	351,026,000	197,956,000	0
16	HPS WAPDA Ghazi Basha	11,853,000	162,470,000	150,617,000	150,617,000	11,853,000	162,470,000	150,617,000	0
17	HPS WAPDA Mangla	633,114,000	300,483,000	332,631,000	332,631,000	633,114,000	300,483,000	332,631,000	0
18	HURCO Sui Kachi	153,382,000	153,249,000	14,133,000	14,133,000	153,382,000	153,249,000	14,133,000	0
19	ILCO Sui Kachi	3,499,700	184,712,200	181,212,500	181,212,500	3,499,700	184,712,200	181,212,500	0
20	Lahore Power	4,800,000	411,800	4,388,200	4,388,200	4,800,000	411,800	4,388,200	0
21	Nuclear : CHASHNUPP - C1	209,167,000	264,000	208,903,000	208,903,000	209,167,000	264,000	208,903,000	0
22	Nuclear : CHASHNUPP - C2	218,949,000	396,000	218,553,000	218,553,000	218,949,000	396,000	218,553,000	0
23	Nuclear : CHASHNUPP - C3	236,716,000	240,000	236,476,000	236,476,000	236,716,000	240,000	236,476,000	0
24	Nuclear : CHASHNUPP - C4	184,534,000	1,475,000	183,059,000	183,059,000	184,534,000	1,475,000	183,059,000	0
25	Nuclear : KANUPP - K2	335,210,000	2,546,000	332,664,000	332,664,000	335,210,000	2,546,000	332,664,000	0
26	Nuclear : KANUPP - K3	599,273,000	1,469,000	597,804,000	597,804,000	599,273,000	1,469,000	597,804,000	0
27	Padang Power	46,989,500	15,779,000	31,210,500	31,210,500	46,989,500	15,779,000	31,210,500	0
28	RLNG CIPP Balloki	309,826,300	319,000	309,507,300	309,507,300	309,826,300	319,000	309,507,300	0
29	RLNG CIPP Balloki	294,862,400	834,500	294,027,900	294,027,900	294,862,400	834,500	294,027,900	0
30	RLNG CIPP Balloki	416,737,000	1,071,200	415,665,800	415,665,800	416,737,000	1,071,200	415,665,800	0
31	RLNG CIPP Balloki	415,665,800	1,071,200	414,594,600	414,594,600	415,665,800	1,071,200	414,594,600	0
32	RLNG CIPP Balloki	415,665,800	1,071,200	414,594,600	414,594,600	415,665,800	1,071,200	414,594,600	0
33	RLNG CIPP Balloki	415,665,800	1,071,200	414,594,600	414,594,600	415,665,800	1,071,200	414,594,600	0
34	TPS Guddar	282,983,000	75,671,000	207,312,000	207,312,000	282,983,000	75,671,000	207,312,000	0
35	TPS Guddar	66,643,000	133,000	66,510,000	66,510,000	66,643,000	133,000	66,510,000	0
36	TPS Jamshoro	0	41,000	-41,000	-41,000	0	41,000	-41,000	0
37	TPS Jamshoro	331,127,000	350,770,000	-19,643,000	-19,643,000	331,127,000	350,770,000	-19,643,000	0
38	UCH Power - I	309,431,000	3,000	309,428,000	309,428,000	309,431,000	3,000	309,428,000	0
39	UCH Power - II	248,153,840	32,344	248,121,496	248,121,496	248,153,840	32,344	248,121,496	0
	TOTAL	4,819,971,243	1,879,608,000	2,940,363,243	2,940,363,243	4,819,971,243	1,879,608,000	2,940,363,243	0

Sl No	Station	NTDC Received kWh	NTDC Delivered kWh	Net Energy Delivered by NTDC in kWh
1	HYDC- NTDC Mainland Energy Exchange	61,232,000	2,297,175,000	1,644,223,000
2	HYDC- NTDC Lahore Energy Exchange	1,412,931,100	2,999,000	-1,409,162,100
	Total	37,040,300		

NTDC Import/Export/Exchange checked and found to be correct as per Metering Data.

Eng. Muhammad Samad Akhtar
DM Tech Bar NTDC

Said Qureshi
12/18/23
Sub-ordinator
IT Officer CPPIA

Feb-2023

Sr No	Power Lines connected to NTDC	NTDC Energy kWh		Net Energy in DISCOs/NTDC C Auxiliary	Total Plant Energy	CFRAG Energy Purchase Data			Difference	
		Received	Delivered			Qualifying NEO (NTDC DISCOs)	Sold to IPP	Net Energy	Difference	Remarks
1	Asian Power Shikharpara	87,809,653	76,373,955	11,435,698	0	11,748,591	237,077	11,511,514	4,274	As per PCA data
2	Coal: China Power Hub (1320MW)	0	2,040,400	-2,040,400	0	0	2,040,400	-2,040,400	0	
3	Coal: Engro Thar (660MW)	112,077,200	630,200	111,447,200	0	112,077,200	630,200	111,447,200	0	
4	Coal: Lucky Electric	228,200,000	771,440	227,428,560	0	228,200,000	771,440	227,428,560	0	
5	Coal: Fort Qasim (1320MW)	13,150,760	2,002,200	11,148,560	0	13,150,760	2,002,200	11,148,560	0	
6	Coal: Sahiwal (1320MW)	266,447,200	196,654,700	69,792,500	0	101,655,200	1,564,700	99,485,500	0	
7	Coal: Thar Now Thar	131,521,000	230,700	131,290,300	0	131,521,000	230,700	131,290,300	0	
8	Coal: Thar Energy Limited (TEL)	0	1,202,200	-1,202,200	0	0	1,202,200	-1,202,200	0	
9	Coal: 1320MW TCB1 Tharparkar	505,079,100	1,555,300	503,523,800	0	505,079,100	1,555,300	503,523,800	0	
10	Engro PowerGen Qadirpur	81,596,100	18,102	81,577,998	0	81,596,100	18,102	81,577,998	0	
11	Foundations Power Dabhal	18,195,600	3,570,242	14,625,358	0	15,077,646	402,444	14,675,202	794	As per PCA data
12	HPS (Allair+Dakair+Khan Khawar) + Ra	26,259,000	76,081	26,182,919	5,705,500	32,123,615	0	32,123,615	-215,115	As per jointly signed metering data from CDP.
13	HPS Koro 720MW	154,106,800	38,500	154,068,300	0	154,106,800	38,500	154,068,300	0	
14	HPS Neeelum Junction	0	0	0	0	0	0	0	0	
15	HPS WAPDA Ghazi Barotha	654,176,000	79,836,000	555,340,000	0	555,340,000	0	555,340,000	0	
16	HPS WAPDA Mingla	229,681,000	14,016,100	215,664,900	99,324,000	315,107,100	0	315,107,100	0	
17	HPS WAPDA Tarbela	844,684,000	42,965,100	801,718,900	958,205	802,607,905	0	802,607,905	0	
18	HUBCO Karachi	153,252,000	151,200,100	-1,051,900	0	0	0	0	-1,051,900	As per PCA data
19	KAPCO Koa Addu	512,900	807,353,100	-106,842,100	108,116,700	0	723,400	-723,400	0	
20	Lahore Power	0	0	0	0	0	0	0	0	
21	Nuclear: CHASHNUPP - C1	191,632,000	0	191,632,000	0	191,632,000	0	191,632,000	0	
22	Nuclear: CHASHNUPP - C2	201,346,000	0	201,346,000	0	201,346,000	0	201,346,000	0	
23	Nuclear: CHASHNUPP - C3	200,701,000	0	200,701,000	0	200,701,000	0	200,701,000	0	
24	Nuclear: CHASHNUPP - C4	157,773,000	939,100	156,833,900	0	157,773,000	939,100	156,833,900	0	
25	Nuclear: KANUPP - K2	507,992,000	0	507,992,000	0	507,992,000	0	507,992,000	0	
26	Nuclear: KANUPP - K3	543,687,000	0	543,687,000	0	543,687,000	0	543,687,000	0	
27	PadGen Power	5,537,600	6,461,000	-623,400	0	0	623,400	-623,400	0	
28	RLNG CCFP Balakot	303,735,500	300	303,735,200	0	303,735,500	300	303,735,200	0	
29	RLNG CCFP Balakot	400,931,500	860,000	400,071,500	0	400,931,500	860,000	400,071,500	0	
30	RLNG CCFP Balakot	520,533,900	0	520,533,900	0	520,533,900	0	520,533,900	0	
31	RLNG CCFP HBS Jhang	3,097,500	1,074,700	2,022,800	0	3,097,500	1,074,700	2,022,800	0	
32	RLNG CCFP Head Timu	53,896,000	54,110,000	-214,000	0	0	420,900	-420,900	0	
33	Rosach Power Abdul Hakem	192,118,000	33,515,000	158,603,000	10,755,200	169,426,200	0	169,426,200	0	
34	TPS Gaddu	120,071,000	203,000	120,274,000	0	120,071,000	0	120,274,000	0	
35	TPS Gaddu 70MW	0	33,000	-33,000	-421,000	0	454,000	-454,000	0	
36	TPS Jamshoro	290,053,000	308,236,000	-18,183,000	17,905,602	289,869,400	0	289,869,400	0	
37	TPS Muzaffargarh	290,053,000	308,236,000	-18,183,000	17,905,602	289,869,400	0	289,869,400	0	
38	LUCE Power - I	194,075,260	131,000	194,206,260	0	194,075,260	131,000	194,206,260	0	
39	LUCE Power - II	194,075,260	131,000	194,206,260	0	194,075,260	131,000	194,206,260	0	
40	TOTAL	7,976,652,242	1,110,555,123	6,866,097,119	242,576,962	7,135,777,629	15,930,107	7,099,857,522	-1,483,436	

S. No.	Station	NTDC Received kWh	NTDC Delivered kWh	Net Energy Delivered by NTDC to HVDC
1	HVDC - NTDC Mahari Energy Exchange	391,671,000	1,077,105,000	685,434,000
2	HVDC - NTDC Lahore Energy Exchange	663,388,800	127,400	-663,261,400
	Total		20,174,600	

NTDC Import/Export kWh checked and found to be correct as per Metering Data.

Salim 16/8/23

16/8/23

DM B&A NTDC

Mar-2023

Sl No.	Power House connected to NTDC	NTDC Energy kWh		Net Energy to DISCO/NTDC C.A. Monthly	CPMA's Energy Purchase Data		Difference	
		Received	Delivered		Qualifying NEO (NTDC- DISCOs)	Sold to IPP	Net Energy	Remarks
1	Atlas Power Sheikhpura	102,321,771	91,722,779	10,598,992	10,857,337	246,344	10,598,992	0
2	Coal: China Power Huai (1320MW)	16,338,206	1,929,300	14,408,906	14,428,906	1,929,300	14,428,906	0
3	Coal: Engro Tarbela (600MW)	162,443,400	0	162,443,400	162,443,400	0	162,443,400	0
4	Coal: Lucky Electric	223,081,860	977,969	223,081,860	223,081,860	977,969	223,081,860	0
5	Coal: Punt Quain (1320MW)	33,204,790	2,326,400	29,764,300	33,204,790	2,326,400	29,764,300	0
6	Coal: Sahiwal (1320MW)	284,300,230	0	284,300,230	284,300,230	0	284,300,230	0
7	Coal: Thal Nova Tarb	150,047,100	0	150,047,100	150,047,100	0	150,047,100	0
8	Coal: Thal Energy Limited (TEL)	1,232,240	0	1,232,240	1,232,240	0	1,232,240	0
9	Coal: 1320MW TCBI Tharparkar	749,309,200	297,410	749,011,790	749,309,200	297,410	749,011,790	0
10	Engro PowerGen Qadirpur	83,764,966	9,679	83,755,287	83,764,966	9,679	83,755,287	0
11	Foundation Power Dabulji	97,128,367	161,947	96,966,420	96,966,420	161,947	96,966,420	0
12	110S (Abad Dabulji Khan Shavari) + Bar	81,565,991	4,000	81,561,991	81,565,991	4,000	81,561,991	0
13	110S Karna 200MW	223,779,700	0	223,779,700	223,779,700	0	223,779,700	0
14	110S Nudum Jhelum	0	0	0	0	0	0	0
15	110S WAFDA Ghazi Barotha	61,131,000	13,016,000	47,915,000	47,915,000	0	47,915,000	0
16	110S WAFDA Mangla	184,396,000	22,313,000	162,083,000	162,083,000	0	162,083,000	0
17	110S WAFDA Tarbela	187,849,000	20,116,000	167,733,000	167,733,000	0	167,733,000	0
18	HUBCO Karachi	143,218,000	14,446,000	128,772,000	128,772,000	0	128,772,000	0
19	KARCO Kot Addu	202,200	102,114,500	101,912,300	101,912,300	0	101,912,300	0
20	Lahore Power	0	487,400	487,400	487,400	0	487,400	0
21	Nuclear: GHASHNUPP - C1	170,941,000	0	170,941,000	170,941,000	0	170,941,000	0
22	Nuclear: GHASHNUPP - C2	206,648,000	732,000	206,647,000	206,647,000	732,000	206,647,000	0
23	Nuclear: GHASHNUPP - C3	231,177,000	0	231,177,000	231,177,000	0	231,177,000	0
24	Nuclear: GHASHNUPP - C4	232,325,000	0	232,325,000	232,325,000	0	232,325,000	0
25	Nuclear: KANUPP - K2	636,491,000	17,610,000	618,881,000	618,881,000	0	618,881,000	0
26	Nuclear: KANUPP - K3	520,223,000	1,466,000	518,757,000	518,757,000	0	518,757,000	0
27	144Gm Power	700	201,100	200,400	200,400	0	200,400	0
28	144Gm COPE Baraki	664,951,700	100	664,951,600	664,951,600	100	664,951,600	0
29	144Gm COPE Baraki	390,834,700	708,600	390,026,100	390,026,100	708,600	390,026,100	0
30	144Gm COPE Baraki	563,125,500	0	563,125,500	563,125,500	0	563,125,500	0
31	144Gm COPE Head Tinnu	20,042,300	1,534,900	18,507,400	18,507,400	1,534,900	18,507,400	0
32	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
33	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
34	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
35	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
36	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
37	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
38	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
39	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
40	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
41	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
42	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
43	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
44	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
45	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
46	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
47	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
48	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
49	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
50	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
51	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
52	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
53	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
54	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
55	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
56	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
57	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
58	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
59	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
60	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
61	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
62	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
63	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
64	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
65	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
66	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
67	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
68	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
69	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
70	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
71	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
72	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
73	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
74	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
75	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
76	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
77	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
78	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
79	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
80	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
81	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
82	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
83	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
84	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
85	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
86	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
87	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
88	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
89	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
90	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
91	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
92	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
93	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
94	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
95	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
96	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
97	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
98	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
99	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
100	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
101	144Gm COPE Head Tinnu	30,042,300	1,534,900	28,507,400	28,507,400	1,534,900	28,507,400	0
1								

Apr-2023

S. No.	Power House connected to NTDC	NTDC Energy kWh		Net Energy to DISCO/NTDC C Auxiliary	CPAG Energy Purchase Data		Difference	
		Received	Delivered		Qualifying NEO (NTDC-DISCO)	Sold w/ JPP	Net Energy	Remarks
1	Adas Power Sheikhpura	117,433,000	87,561,396	29,871,604	30,845,000	194,678	29,850,412	0
2	Coal: China Power Hub (1320MW)	0	1,907,100	-1,907,100	0	1,907,100	-1,907,100	0
3	Coal: Engro Power Turb (660MW)	176,340,000	100	176,340,000	176,340,000	100	176,340,000	0
4	Coal: Lucky Electric	296,819,000	46,760	296,772,240	296,773,140	46,760	296,726,380	0
5	Coal: Port Qasim (1320MW)	173,520,000	1,360,000	174,880,000	173,520,000	1,360,000	174,880,000	0
6	Coal: Sahiwal (1320MW)	46,573,000	250,440,200	297,013,200	239,739,700	1,480,000	238,259,700	-1,000 As per FCA data
7	Coal: Thal Nova Turb	162,517,200	353,400	162,870,600	162,517,200	353,400	162,870,600	0
8	Coal: Thar Energy Limited (TEL)	19,231,000	1,174,400	18,056,600	19,231,000	1,174,400	18,056,600	0
9	Coal: TCH-1 Tharparkar	741,285,200	1,040,500	742,325,700	741,285,200	1,040,500	742,325,700	0
10	Engro PowerGen Qadirpur	81,799,600	5,600	81,794,000	81,799,600	5,600	81,794,000	0
11	Foundation Power Dharu	101,304,943	1,063,560	102,368,503	101,304,943	1,063,560	102,368,503	0
12	HTPS (Abul Kalam + Khawar) + Ra	164,361,000	0	164,361,000	170,657,016	0	170,657,016	-945,336 As per jointly signed metering data from CDDs
13	HTPS Kori 2000MW	364,241,200	960	364,242,160	364,241,200	960	364,242,160	0
14	HTPS Nuchim Junction	0	0	0	0	0	0	0
15	HTPS WAPDA Ghazi Nuretha	451,971,000	109,532,000	342,439,000	262,462,000	0	262,462,000	0
16	HPS WAPDA Mangla	179,012,000	23,516,000	155,496,000	338,270,000	0	338,270,000	-1,000 As per jointly signed data
17	HTPS WAPDA Tumbak	360,024,000	21,566,000	348,458,000	345,685,149	0	345,685,149	10,000 As per jointly signed data
18	HUBCO Karachi	162,788,000	164,210,000	-1,422,000	-1,222,000	0	-1,222,000	0
19	KAPOCO Kori Adda	149,200	129,693,500	-129,544,300	0	762,000	-762,000	100 As per FCA data
20	Lahore Power	210,500,000	428,500	210,878,500	210,500,000	428,500	210,878,500	0
21	Nuclear: CHASHNUPP - C1	392,267,000	2,411,000	394,678,000	392,267,000	2,411,000	394,678,000	0
22	Nuclear: CHASHNUPP - C2	225,182,000	0	225,182,000	225,182,000	0	225,182,000	0
23	Nuclear: CHASHNUPP - C3	223,440,000	0	223,440,000	223,440,000	0	223,440,000	0
24	Nuclear: CHASHNUPP - C4	705,526,000	0	705,526,000	705,526,000	0	705,526,000	0
25	Nuclear: KANUPP - K2	492,844,000	2,773,000	495,617,000	492,844,000	2,773,000	495,617,000	-483,000 As per backfeed data of CDDs
26	Nuclear: KANUPP - K3	5,853,500	3,646,200	2,207,300	2,207,300	0	2,207,300	0
27	Indus Power	649,733,000	48,500	649,781,500	649,733,000	48,500	649,781,500	0
28	RLNG CCPP Bahad	589,685,700	4,600	589,690,300	589,685,700	4,600	589,690,300	0
29	RLNG CCPP HBS Jung	627,740,000	333,200	627,406,800	627,740,000	333,200	627,406,800	0
30	RLNG CCPP Head Trimm	17,433,700	1,225,400	16,208,300	17,433,700	1,225,400	16,208,300	0
31	Rouba Power Abdul Hakum	136,094,000	84,038,000	52,056,000	52,056,000	0	52,056,000	0
32	TFS Gudu	210,974,500	40,201,500	170,773,000	170,773,000	0	170,773,000	0
33	TFS Gudu	131,394,000	644,000	132,038,000	131,394,000	644,000	132,038,000	0
34	TFS Jamshoro	421,680,000	43,000	421,723,000	421,680,000	43,000	421,723,000	0
35	TFS Khushfeng	371,967,000	0	371,967,000	371,967,000	0	371,967,000	0
36	UCH Power - I	215,785,344	0	215,785,344	215,785,344	0	215,785,344	0
37	UCH Power - II	9,648,907,603	1,633,394,030	8,015,513,573	8,015,513,573	1,633,394,030	9,648,907,603	0
38	UCH Power - III	0	0	0	0	0	0	0
39	UCH Power - IV	0	0	0	0	0	0	0
40	UCH Power - V	0	0	0	0	0	0	0
41	UCH Power - VI	0	0	0	0	0	0	0
42	UCH Power - VII	0	0	0	0	0	0	0
43	UCH Power - VIII	0	0	0	0	0	0	0
44	UCH Power - IX	0	0	0	0	0	0	0
45	UCH Power - X	0	0	0	0	0	0	0
46	UCH Power - XI	0	0	0	0	0	0	0
47	UCH Power - XII	0	0	0	0	0	0	0
48	UCH Power - XIII	0	0	0	0	0	0	0
49	UCH Power - XIV	0	0	0	0	0	0	0
50	UCH Power - XV	0	0	0	0	0	0	0
51	UCH Power - XVI	0	0	0	0	0	0	0
52	UCH Power - XVII	0	0	0	0	0	0	0
53	UCH Power - XVIII	0	0	0	0	0	0	0
54	UCH Power - XIX	0	0	0	0	0	0	0
55	UCH Power - XX	0	0	0	0	0	0	0
56	UCH Power - XXI	0	0	0	0	0	0	0
57	UCH Power - XXII	0	0	0	0	0	0	0
58	UCH Power - XXIII	0	0	0	0	0	0	0
59	UCH Power - XXIV	0	0	0	0	0	0	0
60	UCH Power - XXV	0	0	0	0	0	0	0
61	UCH Power - XXVI	0	0	0	0	0	0	0
62	UCH Power - XXVII	0	0	0	0	0	0	0
63	UCH Power - XXVIII	0	0	0	0	0	0	0
64	UCH Power - XXIX	0	0	0	0	0	0	0
65	UCH Power - XXX	0	0	0	0	0	0	0
66	UCH Power - XXXI	0	0	0	0	0	0	0
67	UCH Power - XXXII	0	0	0	0	0	0	0
68	UCH Power - XXXIII	0	0	0	0	0	0	0
69	UCH Power - XXXIV	0	0	0	0	0	0	0
70	UCH Power - XXXV	0	0	0	0	0	0	0
71	UCH Power - XXXVI	0	0	0	0	0	0	0
72	UCH Power - XXXVII	0	0	0	0	0	0	0
73	UCH Power - XXXVIII	0	0	0	0	0	0	0
74	UCH Power - XXXIX	0	0	0	0	0	0	0
75	UCH Power - XL	0	0	0	0	0	0	0
76	UCH Power - XLI	0	0	0	0	0	0	0
77	UCH Power - XLII	0	0	0	0	0	0	0
78	UCH Power - XLIII	0	0	0	0	0	0	0
79	UCH Power - XLIV	0	0	0	0	0	0	0
80	UCH Power - XLV	0	0	0	0	0	0	0
81	UCH Power - XLVI	0	0	0	0	0	0	0
82	UCH Power - XLVII	0	0	0	0	0	0	0
83	UCH Power - XLVIII	0	0	0	0	0	0	0
84	UCH Power - XLIX	0	0	0	0	0	0	0
85	UCH Power - L	0	0	0	0	0	0	0
86	UCH Power - LI	0	0	0	0	0	0	0
87	UCH Power - LII	0	0	0	0	0	0	0
88	UCH Power - LIII	0	0	0	0	0	0	0
89	UCH Power - LIV	0	0	0	0	0	0	0
90	UCH Power - LV	0	0	0	0	0	0	0
91	UCH Power - LVI	0	0	0	0	0	0	0
92	UCH Power - LVII	0	0	0	0	0	0	0
93	UCH Power - LVIII	0	0	0	0	0	0	0
94	UCH Power - LVIX	0	0	0	0	0	0	0
95	UCH Power - LX	0	0	0	0	0	0	0
96	UCH Power - LXI	0	0	0	0	0	0	0
97	UCH Power - LXII	0	0	0	0	0	0	0
98	UCH Power - LXIII	0	0	0	0	0	0	0
99	UCH Power - LXIV	0	0	0	0	0	0	0
100	UCH Power - LXV	0	0	0	0	0	0	0
101	UCH Power - LXVI	0	0	0	0	0	0	0
102	UCH Power - LXVII	0	0	0	0	0	0	0
103	UCH Power - LXVIII	0	0	0	0	0	0	0
104	UCH Power - LXIX	0	0	0	0	0	0	0
105	UCH Power - LXX	0	0	0	0	0	0	0
106	UCH Power - LXXI	0	0	0	0	0	0	0
107	UCH Power - LXXII	0	0	0	0	0	0	0
108	UCH Power - LXXIII	0	0	0	0	0	0	0
109	UCH Power - LXXIV	0	0	0	0	0	0	0
110	UCH Power - LXXV	0	0	0	0	0	0	0
111	UCH Power - LXXVI	0	0	0	0	0	0	0
112	UCH Power - LXXVII	0	0	0	0	0	0	0
113	UCH Power - LXXVIII	0	0	0	0	0	0	0
114	UCH Power - LXXIX	0	0	0	0	0	0	0
115	UCH Power - LXXX	0	0	0	0	0	0	0
116	UCH Power - LXXXI	0	0	0	0	0	0	0
117	UCH Power - LXXXII	0	0	0	0	0	0	0
118	UCH Power - LXXXIII	0	0	0	0	0	0	0
119	UCH Power - LXXXIV	0	0	0	0	0	0	0
120	UCH Power - LXXXV	0	0	0	0	0	0	0
121	UCH Power - LXXXVI	0	0	0	0	0	0	0
122	UCH Power - LXXXVII	0	0	0	0	0	0	0
123	UCH Power - LXXXVIII	0	0	0	0	0	0	0
124	UCH Power - LXXXIX	0	0	0	0	0	0	0
125	UCH Power - LXXXX	0	0	0	0	0	0	0
126	UCH Power - LXXXXI	0	0	0	0	0	0	0
127	UCH Power - LXXXXII	0	0	0	0	0	0	0
128	UCH Power - LXXXXIII	0	0	0	0	0	0	0
129	UCH Power - LXXXXIV	0	0	0	0	0	0	0
130	UCH Power - LXXXXV	0	0	0	0	0	0	0
131	UCH Power - LXXXXVI	0	0	0	0	0	0	0
132	UCH Power - LXXXXVII	0	0	0	0	0	0	0
133	UCH Power - LXXXXVIII	0	0	0	0	0	0	0
134	UCH Power - LXXXXIX	0	0	0	0	0	0	0
135	UCH Power - LXXXXX	0	0	0	0	0	0	0
136	UCH Power - LXXXXXI	0	0	0	0	0	0	0
137	UCH Power - LXXXXXII	0	0	0	0	0	0	0
138	UCH Power - LXXXXXIII	0	0	0	0	0	0	0
139	UCH Power - LXXXXXIV	0	0	0	0	0	0	0
140	UCH Power - LXXXXXV	0	0	0	0	0	0	0
141	UCH Power - LXXXXXVI	0	0	0	0	0	0	0
142	UCH Power - LXXXXXVII	0	0	0	0	0	0	0
143	UCH Power - LXXXXXVIII	0	0	0	0	0	0	0
144	UCH Power - LXXXXXIX	0	0	0	0	0	0	0
145	UCH Power - LXXXXXX	0	0	0	0	0	0	0
146	UCH Power - LXXXXXXI	0	0	0	0	0	0	0
147	UCH Power - LXXXXXXII	0	0	0	0	0	0	0
148	UCH Power - LXXXXXXIII	0	0	0	0	0	0	0
149	UCH Power - LXXXXXXIV	0	0	0	0	0	0	0
150	UCH Power - LXXXXXXV	0	0	0	0	0	0	0
151	UCH Power - LXXXXXXVI	0	0	0	0	0	0	0
152	UCH Power - LXXXXXXVII	0	0	0	0	0	0	0
153	UCH Power - LXXXXXXVIII	0	0	0	0	0	0	0
154	UCH Power - LXXXXXXIX	0	0	0	0	0	0	0
155	UCH Power - LXXXXXXX	0	0	0	0	0	0	0
156	UCH Power - LXXXXXXXI	0						

May-2023

Sr No	Power House connected to NTDC	NTDC Energy kWh		Net Energy to DISCO/NTDC C/Auxiliary	Total Plant Energy	CPVAG Energy Purchase Data			Difference	
		Received	Delivered			Qualifying NEO (NTDC-DESLD)	Sold to IPP	Net Energy	Difference	Remarks
1	Adani Power Sheikhpura	142,995,206	95,050,741	47,944,545	0	46,124,781	182,158	47,944,545	1,972	As per PCA data
2	Coal: China Power Huh (1320MW)	31,642,000	2,203,100	29,438,900	0	31,642,000	2,203,100	29,438,900	-100	Tariff wise rounding difference
3	Coal: Hapra Ther (660MW)	304,626,400	0	304,626,400	0	304,626,400	100	304,626,400	100	Tariff wise rounding difference
4	Coal: Lucky Electric	357,403,500	203,370	357,606,870	0	357,403,500	203,370	357,606,870	100	Tariff wise rounding difference
5	Coal: Pori Quinn (1320MW)	327,644,200	1,055,900	328,699,100	0	327,644,200	1,055,900	328,699,100	100	Tariff wise rounding difference
6	Coal: Sahawal (1320MW)	531,113,000	48,900,300	482,212,700	0	531,113,000	48,900,300	482,212,700	-1,200	As per PCA data
7	Coal: Thad Nova Ther	215,524,200	167	215,524,367	0	215,524,200	100	215,524,300	0	
8	Coal: Ther Energy Limited (TEL)	141,634,000	1,091,400	142,725,400	0	141,634,000	1,091,400	142,725,400	0	
9	Coal: 1320MW TCB-1 Tharparkar	548,962,400	4,446,500	553,408,900	0	548,962,400	4,446,500	553,408,900	0	
10	Hydro PowerGen Qadipar	79,569,628	13,770	79,583,398	0	79,569,628	13,770	79,583,398	1	
11	Foundation Power Dabarki	108,135,441	8,358,622	116,494,063	0	108,135,441	8,358,622	116,494,063	2,002	As per PCA data
12	1175 (Main-Dubair-Khan Khawar) + R4	208,095,000	0	208,095,000	4,601,000	205,494,000	32,600	205,526,600	-1,255,400	As per plants signed metering data from CIPPA
13	1175 Khasi 720MW	899,867,200	0	899,867,200	0	899,867,200	0	899,867,200	0	
14	1175 Nudum Dabari	0	0	0	0	0	0	0	0	
15	1175 WAPDA Ghazi Barotha	735,309,000	8,162,000	743,471,000	0	735,309,000	8,162,000	743,471,000	0	
16	1175 WAPDA Mangla	349,014,000	8,417,000	357,431,000	179,765,000	320,351,000	0	320,351,000	1,000	
21	1175 WAPDA Tarbela	914,546,000	37,964,000	952,510,000	1,085,674	877,466,674	0	877,466,674	0	
18	1175 WAPDA Tarbela	66,166,000	19,461,000	46,705,000	1,315,000	-1,315,000	0	-1,315,000	-1,700	As per PCA data
19	1175 WAPDA Tarbela	301,500	142,807,300	142,485,800	141,696,500	-489,500	0	-489,500	0	
20	1175 WAPDA Tarbela	8,641,100	48,700	8,689,800	8,371,400	8,371,400	48,700	8,371,400	0	
21	1175 WAPDA Tarbela	230,720,000	0	230,720,000	230,720,000	230,720,000	0	230,720,000	0	
22	1175 WAPDA Tarbela	280,720,000	0	280,720,000	280,720,000	280,720,000	0	280,720,000	0	
23	1175 WAPDA Tarbela	204,850,000	0	204,850,000	204,850,000	204,850,000	0	204,850,000	0	
24	1175 WAPDA Tarbela	231,563,000	0	231,563,000	231,563,000	231,563,000	0	231,563,000	0	
25	1175 WAPDA Tarbela	64,606,000	2,031,000	66,637,000	62,571,000	64,606,000	2,031,000	66,637,000	-1,000	As per backed data of CIPPA
26	1175 WAPDA Tarbela	59,000	4,631,000	4,690,000	-4,572,000	59,000	4,631,000	-4,572,000	0	
27	1175 WAPDA Tarbela	370,700	0	370,700	-370,700	370,700	0	370,700	0	
28	1175 WAPDA Tarbela	677,057,100	264,400	677,321,500	676,802,700	677,057,100	264,400	677,321,500	0	
29	1175 WAPDA Tarbela	662,442,800	17,900	662,460,700	662,442,800	662,442,800	17,900	662,460,700	0	
30	1175 WAPDA Tarbela	779,097,300	0	779,097,300	779,097,300	779,097,300	0	779,097,300	0	
31	1175 WAPDA Tarbela	209,637,100	1,832,900	211,470,000	207,804,200	209,637,100	1,832,900	211,470,000	0	
32	1175 WAPDA Tarbela	149,000,000	70,396,000	219,396,000	219,396,000	149,000,000	70,396,000	219,396,000	0	
33	1175 WAPDA Tarbela	172,379,500	19,209,000	191,588,500	191,588,500	172,379,500	19,209,000	191,588,500	0	
34	1175 WAPDA Tarbela	156,480,000	912,000	157,392,000	155,576,000	156,480,000	912,000	157,392,000	-8,000	
35	1175 WAPDA Tarbela	580,005,000	5,900,000	585,905,000	585,905,000	580,005,000	5,900,000	585,905,000	0	
36	1175 WAPDA Tarbela	374,200,000	0	374,200,000	374,200,000	374,200,000	0	374,200,000	0	
37	1175 WAPDA Tarbela	281,778,516	0	281,778,516	281,778,516	281,778,516	0	281,778,516	0	
38	1175 WAPDA Tarbela	11,550,648,581	1,573,307,503	13,123,956,084	13,123,956,084	11,550,648,581	1,573,307,503	13,123,956,084	-1,200,000	
39	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
40	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
41	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
42	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
43	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
44	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
45	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
46	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
47	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
48	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
49	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
50	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
51	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
52	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
53	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
54	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
55	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
56	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
57	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
58	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
59	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
60	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
61	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
62	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
63	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
64	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
65	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
66	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
67	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
68	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
69	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
70	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
71	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
72	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
73	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
74	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
75	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
76	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
77	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
78	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
79	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
80	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
81	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
82	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
83	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
84	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
85	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
86	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
87	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
88	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
89	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
90	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
91	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
92	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
93	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
94	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
95	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
96	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
97	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
98	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
99	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	
100	1175 WAPDA Tarbela	0	0	0	0	0	0	0	0	

Sr No	Station	NTDC Received kWh	NTDC Delivered kWh	Net Energy Delivered by NTDC to HVDC
1	NTDC-NTDC Mainline Energy Exchange	900,000,000	2,112,400,000	1,212,400,000
2	NTDC-NTDC Lahore Energy Exchange	1,379,791,500	1,670,700	-1,378,120,000
Total			38,491,300	

NTDC Import/Export kWh checked & found to be correct as per Metering Data.

Salim Durrani 16/8/23

16/8/23
NTDC

Jun-2023

Sr No	Power House connected to NTDC	NTDC Energy kWh		Net Energy to NTDC	Net Energy to DISCO/NTDC Auxiliary	Total Plant Energy	CPPAG Energy Purchase Data			Difference	
		Received	Delivered				Qualifying NEO (NTDC+DISCO)	Sold to IPP	Net Energy	Difference	Remarks
1	Adan Power Shikarpur	153,474,764	74,644,489	78,795,295	0	78,795,295	78,841,626	46,331	78,795,295	0	
2	Coal: China Power Hub (120MW)	242,314,500	242,314,500	241,033,283	0	241,033,283	242,314,500	1,281,400	241,033,100	180	Tariff was rounding difference
3	Coal: Engro Thar (660MW)	374,882,300	70,200	374,812,100	0	374,812,100	374,882,300	70,000	374,812,200	-180	Tariff was rounding difference
4	Coal: Lucky Electric	352,614,400	46,760	352,614,400	0	352,614,400	352,614,400	46,760	352,614,400	0	
5	Coal: Port Qaim (120MW)	143,862,800	2,641,760	141,221,040	0	141,221,040	143,862,700	2,640,700	141,221,000	400	As per FCA data
6	Coal: Sahiwal (120MW)	728,951,900	387,590,000	339,191,900	0	339,191,900	341,349,700	2,176,800	339,191,200	-1,300	As per FCA data
7	Coal: Thar Neva Thar	192,966,300	2,600	192,963,700	0	192,963,700	192,966,300	2,600	192,963,700	0	
8	Coal: Thar Energy Limited (TEL)	260,066,000	91,500	260,048,500	0	260,048,500	260,066,000	39,500	260,048,500	0	
9	Coal: 120MW TCB-1 Tharparkar	586,353,900	3,127,100	583,226,800	0	583,226,800	586,353,900	3,127,100	583,226,800	0	
10	Engro PowerGen Qadirpur	74,612,624	17,862	74,614,762	0	74,614,762	74,612,624	17,862	74,614,662	100	As per FCA data
11	Foundation Power Dabaki	10,016,117	4,868,401	10,517,016	0	10,517,016	10,635,977	0	10,517,016	-119	As per FCA data
12	HPS (Allair-Dabair-Khan Khawari) + R4	142,730,000	0	142,730,000	5,570,600	148,300,600	149,356,714	0	149,356,714	-105,114	As per jointly signed metering data from CPPs
13	HPS Karu 720MW	510,521,900	500	510,521,400	0	510,521,400	510,521,900	500	510,521,400	0	
14	HPS Nuclear Jhelum	0	0	0	0	0	731,000,000	0	731,000,000	0	
15	HPS WAPDA Ghazi Barotha	1,311,618,000	400,013,000	731,030,000	0	731,030,000	731,000,000	0	731,000,000	0	
16	HPS WAPDA Mangoch	257,297,000	113,679,000	143,618,000	229,548,000	373,166,000	373,186,000	0	373,186,000	0	
17	HPS WAPDA Turbels	1,867,491,000	11,253,000	1,856,238,000	1,553,744	1,855,821,744	1,855,821,744	0	1,855,821,744	0	
18	HUWCO Karachi	117,077,000	118,368,000	-1,291,000	0	-1,291,000	-1,290,000	0	-1,290,000	0	
19	KAPCO Kot Addu	519,700	161,432,900	-160,933,200	159,952,000	-951,200	92,489,500	406,400	92,083,100	0	
20	Lahori Power	92,489,500	406,400	92,083,100	0	92,083,100	92,489,500	406,400	92,083,100	0	
21	Nuclear: CHASHINUPP - C1	213,548,000	0	213,548,000	0	213,548,000	213,548,000	0	213,548,000	0	
22	Nuclear: CHASHINUPP - C2	221,033,000	0	221,033,000	0	221,033,000	221,033,000	0	221,033,000	0	
23	Nuclear: CHASHINUPP - C3	114,556,000	1,165,000	113,291,000	0	113,291,000	114,556,000	1,165,000	113,291,000	0	
24	Nuclear: CHASHINUPP - C4	223,291,000	0	223,291,000	0	223,291,000	223,291,000	0	223,291,000	0	
25	Nuclear: KANUPP - K2	679,594,000	1,706,000	677,888,000	0	677,888,000	679,594,000	1,706,000	677,888,000	0	
26	Nuclear: KANUPP - K3	409,149,000	11,446,000	397,703,000	0	397,703,000	409,149,000	11,446,000	397,703,000	0	
27	PakGen Power	111,331,500	4,400,400	106,931,100	0	106,931,100	106,854,200	329,600	106,524,600	0	
28	RLNG CCGP Balok	553,670,400	353,000	553,317,400	0	553,317,400	553,670,400	353,000	553,317,400	0	
29	RLNG CCGP Bhakal	497,533,000	357,700	497,175,300	0	497,175,300	497,533,000	357,700	497,175,300	0	
30	RLNG CCGP HBS Jiang	631,481,400	102,700	631,378,700	0	631,378,700	631,481,400	102,700	631,378,700	0	
31	RLNG CCGP Head Tinnu	413,693,300	1,014,400	412,678,900	0	412,678,900	413,693,300	1,014,400	412,678,900	0	
32	Ranch Power Abdul Haleem	194,514,000	98,886,000	1,768,000	0	1,768,000	2,585,553	862,000	1,723,553	-432	200 As per backfeed data of CPPA
33	TPS Guddu	141,547,000	17,549,000	123,998,000	31,353,807	155,351,807	156,341,907	0	156,341,907	-983,100	Difference between Primary/Backup Data Larger & Primary CDP meter
34	TPS Guddu 747MW	151,134,000	700,000	150,434,000	0	150,434,000	150,430,000	0	150,430,000	0	
35	TPS Jamshoro	0	70,000	-70,000	-652,000	-722,000	0	722,000	-722,000	0	
36	TPS Masafargah	548,631,000	699,101,000	-20,270,000	19,011,916	-1,258,084	0	1,258,084	-1,258,084	0	
37	TPS Masafargah	349,242,000	0	349,242,000	0	349,242,000	349,242,000	0	349,242,000	0	
38	UCH Power - I	231,367,308	14,640	231,352,668	0	231,352,668	231,367,308	14,640	231,352,668	0	
39	UCH Power - II	12,858,480,733	2,026,306,332	10,832,174,401	0	10,832,174,401	11,409,124,533	30,569,377	11,376,555,156	-1,307,228	
TOTAL											

Sr No	Station	NTDC Received kWh	NTDC Delivered kWh	Net Energy Delivered to NTDC
1	HVDC - NTDC Masafargah Energy Exchange	636,490,000	2,201,320,000	1,564,830,000
2	HVDC - NTDC Lahore Energy Exchange	1,520,926,200	121,700	-1,520,804,500
Total			44,073,500	

NTDC Import/Export kWh checked and found to be correct as per Metering Data.

16/8/23
16/8/23
NTDC

Detail of Legal Charges

Disallowed Amount (Mln.Rs)	Period
455.11	FY 2019-20 2 nd Quarter to FY 2020-21 4 TH Quarter
52.32	FY 2021-22 1 st Quarter
5.56	FY 2021-22 (2 nd Quarter)
33.1	FY 2021-22 (3 rd Quarter)
-0.05	FY 2021-22 (4 th Quarter)
4.21	FY 2022-23 (1 st Quarter)
14.93	FY 2022-23 (2 nd Quarter)
139.37	FY 2022-23 (3 rd Quarter)
38.61	FY 2022-23 (4 th Quarter)
743.16	Total



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