



Jammu & Kashmir Power
Transmission Corporation
Limited
(JKPTCL)

**BUSINESS PLAN
& MYT FOR THE
PERIOD FY
2023-24 TO FY
2025-26 &
TARIFF
PROPOSAL FOR
FY 2023-24**

Submitted to:

Joint Electricity Regulatory
Commission for UT of J&K
and UT of Ladakh

JUNE 23

**BEFORE THE JOINT ELECTRICITY REGULATORY COMMISSION
JAMMU & KASHMIR AND LADAKH
AMBEDKAR CHOWK, JAMMU**

Filing No.....

Case No.....

**IN THE MATTER OF: Petition for approval of Business Plan, Multi Year
Tariff for the period from FY 2023-24 to FY 2025-26 and
tariff proposal for FY 2023-24.**

AND

**IN THE MATTER OF: Jammu and Kashmir Power Transmission Corporation
Limited,
Office of the Chief Engineer (Transmission), JKPTCL
220 kV Grid Station Complex, Narwal Bala, Gladni,
Jammu**

.....Petitioner

**PETITIONER, UNDER SECTIONS 61, 62 AND 64 OF THE ELECTRICITY ACT, 2003, AND
UNDER THE JERC JAMMU & KASHMIR AND LADAKH (CONDUCT OF BUSINESS)
REGULATIONS, 2022 FOR APPROVAL BY THE HON'BLE COMMISSION OF BUSINESS
PLAN & MYT FOR THE PERIOD FROM FY 2023-24 TO FY 2025-26 AND TARIFF
PROPOSAL FOR FY 2023-24 IN ACCORDANCE WITH JERC FOR THE STATE OF GOA
AND UNION TERRITORIES (GENERATION, TRANSMISSION AND DISTRIBUTION
MUTLI YEAR TARIFF) REGULATIONS, 2018 FOR ITS TRANSMISSION BUSINESS.**

The Petitioner respectfully submits as under: -

1. The Petitioner, Jammu and Kashmir Power Transmission Corporation Limited (JKPTCL) is deemed Transmission Licensee for the Union Territory of Jammu and Kashmir.

Business Plan & MYT for the Period FY 2023-24 to FY 2025-26 & Tariff Proposal for FY 2023-24

2. Pursuant to the enactment of the Electricity Act, 2003, JKPTCL is required to submit its Business Plan and MYT Petition as per the procedures outlined in section 61, 62 & 64 of EA 2003, JERC for UT of Jammu & Kashmir and UT of Ladakh Gazette Notification No. JERC-JKL/ Tech-13/2021 and Regulation 8 and 9 of JERC (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2018 (herein referred as MYT Regulations, 2018).
3. JKPTCL hereby submits the present Petition for approval of Business Plan and MYT for the period from FY 2023-24 to FY 2025-26 are based on the principles outlined in the JERC MYT Regulations 2018, adopted, and notified by the Hon'ble Commission.

Prayers:

- A. Accept and admit the petition for Business Plan for MYT control period from FY 2023-24 to FY 2025-26 which is in line with the principles laid by MYT Regulations 2018 as adopted and notified by Hon'ble Commission,
- B. Approve the business plan and MYT proposal for FY 2023-24 and FY 2025-26,
- C. Approve the proposed transmission tariff for FY 2023-24.
- D. Grant any other relief as the Hon'ble Commission may consider appropriate.
- E. The Petitioner craves leave of the Hon'ble Commission to allow further submission, addition and alteration to this petition as may be necessary from time to time.
- F. Condone any inadvertent omissions/errors/shortcomings and permit JKPTCL to add/change/modify/alter this filing and make further submissions as may be required at a future date.
- G. To pass any other Order as the Hon'ble Commission may deem fit and appropriate under the circumstances of the case and in the interest of justice.

Jammu and Kashmir Power Transmission Corporation Limited

Petitioner

Place: Jammu

Date: _____

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List of Abbreviations

Abbreviation meaning	Abbreviation
Central Electricity Authority	CEA
Circuit	Ckt
Chenab Valley Power Project Limited	CVPPL
Double Conductor	D/c
Electricity Act	EA
Hydro Electric Project	HEP
Joint Electricity Regulatory Commission	JERC
Jammu and Kashmir Power Development Department	JKPDD
Jammu and Kashmir Power Transmission Corporation Limited	JKPTCL
Joint Venture	JV
Jammu and Kashmir	J&K
Kilometer	Km
Kilo Volt	kV
Million Volt Amperes	MVA
Mega Watt	MW
Ministry of Power	MOP
Multi Year Tariff	MYT
Power Grid Corporation of India Limited	PGCIL
Ratle Hydro Power Corporation Limited	RHPCL
Single Conductor	S/c
Union Territory	UT

1. Chapter 1: Introduction

1.1. Background

- 1.1.1. The erstwhile state of Jammu and Kashmir consisted unbundled utility Jammu and Kashmir Power Development Department (JKPDD) which was responsible for Trading, Transmission and Distribution of electricity within whole of the state of Jammu and Kashmir.
- 1.1.2. The J&K Reorganization Act, 2019 was enacted by the Parliament of India on 9th August 2019 wherein the State of Jammu and Kashmir was divided into Union Territory of Jammu and Kashmir & Union Territory of Ladakh. Consequent to the approval of State Administrative Council of J&K, the Power Development Department was unbundled into several Power Corporations on 23rd October 2019 via Government Order No. 191-PDD of 2019 and JKPTCL was created on 23.10.2019 as Transmission Licensee for UT of J&K.
- 1.1.3. The Lt. Governor of Jammu and Kashmir made and gave effect to the “Jammu and Kashmir Power Development Department (Re-organisation) First Transfer Scheme 2020” vide Notification dated 20th March 2020. Post the unbundling of various utilities in the UT of J&K, the revised structure of Power utilities is as follows:

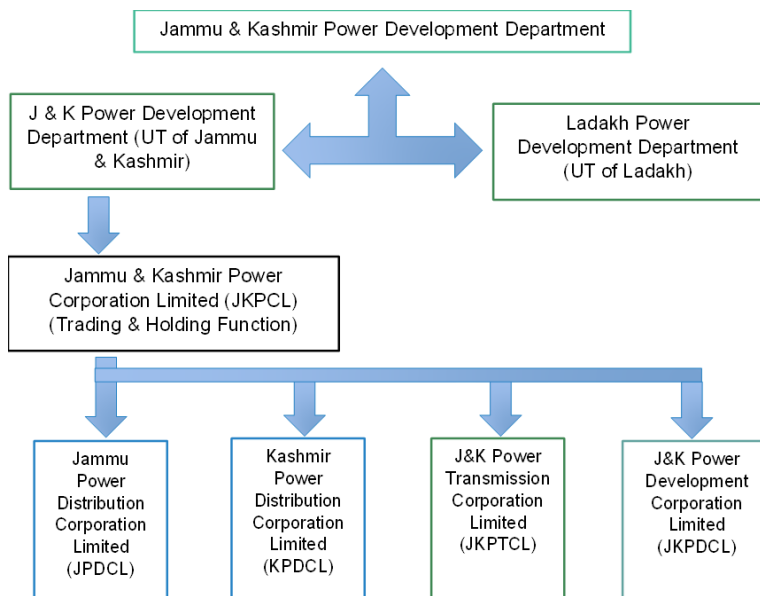


Figure 1: Revised existing structure of power utilities in UT of J&K and UT of Ladakh

- 1.1.4. In exercise of the powers conferred by sub section 5 of section 83 of the Electricity Act 2003 (36 of 2003), the Central Government constituted Joint Electricity Regulatory

Commission for the Union Territories of Jammu and Kashmir and Ladakh (herein referred as “Commission”) vide S.O. 1984(E) dated 18th June 2020.

- 1.1.5. The Commission is a statutory body with quasi-judicial status, constituted under the first proviso of Section 83 Electricity Act 2003. The Commission is a three-member body designated to function as an autonomous authority responsible for regulation of the power sector in the Union Territories of Jammu & Kashmir and Ladakh.
- 1.1.6. All proceedings before the Commission are deemed to be judicial proceedings within the meaning of sections 193 and 228 of the Indian Penal Code and the Commission is deemed to be a Civil court for the purposes of sections 345 and 346 of the Code of Criminal Procedure, 1973. The Commission has the power to act as arbitrator or nominate arbitrators to adjudicate and settle disputes arising between licensees.
- 1.1.7. The Commission vide Gazette Notification No. JERC-JKL/Tech-13/2021 dated 31st March 2021, notified “JERC for UT of J&K and UT of Ladakh (Adoption of various Regulations of JERC for the state of Goa and UTs) Regulations, 2021”. Vide these Regulations, the Commission adopted various Regulations of JERC for the state of Goa and UTs with amendments up to date for one year or till replacement of corresponding regulation framed by the Commission. The Commission adopted “JERC MYT Goa and UTs (Generation, Transmission and Distribution) Regulations, 2018” applicable for determination of tariff for all the Generation companies, Transmission Licensees and Distribution Licensees in UT of J&K and UT of Ladakh.
- 1.1.8. The Commission vide Suo-Motu Order No. 57 of 2021 dated 1 December 2021 by exercising its powers to amend (Regulation 70.1 of the Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2018), extended the adopted Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Generation, Transmission and Distribution Multi Year Tariff) Regulations, 2018 till FY 2025-26.
- 1.1.9. The Commission vide its Order No. JERC/ 4 of 2022 dated 22nd September 2022 approved the Aggregate Revenue Requirement (ARR) and Transmission Tariff for FY 2022-23.

1.2. Details of JKPTCL's Transmission Network

1.2.1. Details of Transmission Network of JKPTCL (Jammu Region)

1.2.1.1. List of 220/132 kV Existing Grid Stations

Table 1: List of 220/ 132 kV Existing Grid Stations in Jammu region

S. No.	Name of the Grid Station	Installed Capacity (MVA)	District
1	Gladni	710	Jammu
2	Udhampur	280	Udhampur
3	Hiranagar	320	Kathua
4	Barn	480	Jammu
5	Bishnah	320	Jammu
6	Ramban	120	Ramban
7	Samba	160	Samba
8	Kathua (Ghatti-II)	160	Kathua
Total		2550	

1.2.1.2. List of 132/66 kV Existing Grid Stations

Table 2: List of 132/ 66 kV Existing Grid Stations in Jammu region

S. No.	Name of the 132/66 kV Grid Station	Installed Capacity (MVA)	District
1	Kathua	150	Kathua
2	Hiranagar	70	Kathua
3	Samba	100	Samba
Total		320	

1.2.1.3. List of 132/33 kV Existing Grid Stations

Table 3: List of 132/ 33 kV Existing Grid Stations in Jammu region

S. No.	Name of the 132/33 kV Grid Station	Installed Capacity (MVA)	District
1	Gladni	170	Jammu
2	Bari Brahamana- I	131.5	Samba
3	Miran Sahib	150	Jammu

4	Janipur	150	Jammu
5	Canal	120	Jammu
6	Akhnoor	70	Jammu
7	JhajjarKotli	63	Jammu
8	Udhampur	120	Udhampur
9	Batote	40	Ramban
10	Khellani	70	Doda
11	Sidhra	100	Jammu
12	Barn	100	Jammu
13	Rajouri	90	Rajouri
14	Kalakote	50	Rajouri
15	BB II	100	Samba
16	Draba	70	Poonch
17	Gangyal	100	Jammu
18	Mahanpur	50	Kathua
19	Bishnah	100	Jammu
20	Ramban	20	Ramban
21	Katra	50	Reasi
22	Chandak	20	Poonch
23	Pounichak	100	Jammu
24	Jourian	20	Jammu
25	Kishtwar	40	Kishtwar
26	NHPC Kishtwar	20	Kishtwar
27	Siot	50	Rajouri
28.	Battal Manwal	50	Udhampur
Total		2214.5	

1.2.1.4. List of 220 kV Transmission Lines

Table 4: List of 220 kV Transmission Lines in Jammu region

S. No.	Name of the Transmission Line	Line Length (km)	Line Length (Ckt km)
1	220 kV D/C KPTL up to Tethar	102	204
2	220 kV S/C Sarna-Udh TL	124	124
3	220 kV D/C Kishanpur-Barn TL	37.4	74.8
4	220 kV D/C Bishnah- Hgr sec. of Barn- Bishnah-Hgr TL	44.923	89.846
5	220KV S/C Gladni-Udhampur TL	47.87	47.87
6	LILO-I of 220 kV D/C Bishnah-Hgr TL for 400/ 220 kV G/Stn Jatwal(Samba)	2.003	4.006

S. No.	Name of the Transmission Line	Line Length (km)	Line Length (Ckt km)
7	220 kV D/C Thein- Hgr TL	40.4	80.8
8	D/C LILO of Jatwal (PGCIL)-Samba (JKPDD)	5.7	11.4
	Total	404.296	636.722

1.2.1.5. List of 132 kV Transmission Lines

Table 5: List of 132 kV Transmission Lines in Jammu region

S. No.	Name of the Transmission Line	Line Length (km)	Line Length (Ckt km)
1	132 kV D/C Hgr-Battal Manwal TL	38.563	77.126
2	LILO of 132 kV D/C Gladni-Hgr TL for G/Stn BB-II	2.7	5.4
3	LILO of 132 kV D/C Gladni-Miran Sahib TL for G/Stn Gangyal	1	2
4	132 kV D/C Tapline to G/S Samba	1.81	3.62
5	132 kV D/C Kalakote section of Barn-Siot-Kalakote TL	81.176	162.352
6	132 kV S/C TL ON D/C Towers for G/S Samba to RTSS Samba	10	10
7	132 kV D/C Gladni-Sidhra-Janipur-Canal TL	39.73	79.46
8	132 kV D/C Barn-Janipur TL	14.85	29.7
9	132 kV D/C kalakote- Rajouri TL	28.5	57
10	132 kV D/C Rajouri-Draba TL	35.12	70.24
11	132 kV D/C Barn-Katra TL	22.8	45.6
12	132 kV S/C Draba- Chandak TL	23	23
13	132 kV D/C Barn-Canal TL	23.224	46.448
14	132 kV S/C Barn-Jourian TL	29	29
15	132 kV S/C Janipur-Jhajarkotli-Udh-chenani power house TL	50	50
16	132 kV S/C Janipur-Akhnoor sect. of Gladni-Akh-Kalakote TL	77.05	77.05
17	Re-alignment of 132 kV S/C Gladni-Kalakote Transmission Line due to construction of Army Helipad at Tanda	2.5	2.5
18	132 kV D/C Barn-Akhnoor section of Barn-Siot-Kalakote TL	19.297	38.594
19	132 kV D/C CSTL up to Tethar	80	160
20	132 kV S/C Udhampur- DHP TL	110	110
21	132 kV S/C Gladni-Janipur TL on ACSR Panther	7.7	7.7

S. No.	Name of the Transmission Line	Line Length (km)	Line Length (Ckt km)
22	132 kV D/C Gladni-Hgr TL on ACSR Panther	42.23	84.46
23	132 kV D/C Hgr-Kathua TL on ACSR Panther	38	76
24	132 kV D/C Miransahib-Canal TL on ACSR Panther	17.79	35.58
25	132 kV D/C Miransahib-Bishnah TL on ACSR Panther	9.335	18.67
26	132 kV D/C Gladni-Bari-Brahmana TL on AAAC	15.06	30.12
27	132 kV D/C Baribrahmana- Miransahib TL on ACSR Panther	13.88	27.76
28	132 kV, S/C Bhattal-Manwal to RTSS Manwal	3.943	3.943
30	132 kV, D/C, LILO of Barn-Canal to Pounichak	2.58	5.16
31	132 kV, D/C LILO of CSTL for Ramban	3.5	7
Total		844.338	1375.483

1.2.2. Details of Transmission Network of JKPTCL (Kashmir Region)

1.2.2.1. List of 220/132 KV Existing Grid Stations

Table 6: List of 220/ 132 kV & 220/66 & 220/33 kV Existing Grid Stations in Kashmir region

S. No.	Name of the 220/132 & 220/66 & 220/33 kV Grid Station	Installed Capacity (MVA)	District
1	Zainakote	450	Zainakote
2	Pampore	450	Pulwama
3	Budgam	320	Budgam
4	Delina	320	Baramulla
5	Mir Bazar	320	Anantnag
6	Alusteing	320	Srinagar
7	Lassiopora	160	Pulwama
Total		2340	

1.2.2.2. List of 132/33 kV Existing Grid Stations

Table 7: List of 132/ 33 kV Existing Grid Stations in Kashmir region

S. No.	Name of the 132/33 kV Grid Station	Installed Capacity (MVA)	District
1	Bemina	150	Srinagar
2	Habak	120	Srinagar
3	Badampora	66	Ganderbal
4	Cheshmashahi	140	Srinagar
5	Rawalpora	140	Srinagar
6	Pampore	200	Pulwama
7	Awantipora	125	Pulwama
8	Lassipora	95	Pulwama
9	Wanpoh	160	Kulgam
10	Lissar	50	Anantnag
11	Pattan	120	Baramulla
12	Amargarh	135	Baramulla
13	Mattan	70	Anantnag
14	Magam	100	Baramulla
15	Sheeri	50	Baramulla
16	Shopian	50	Shopian
17	Khonmoh	100	Srinagar
18	Wanganpora	200	Srinagar
19	Kangan	40	Ganderbal
20	Tethar	50	Ramban
21	Zainakote	75	Budgam
22	Budgam	100	Budgam
23	Delina	50	Baramulla
24	Chadoora	50	Chadoora
25	Arapora	90	Kupwara
26	Vilgam	50	Kupwara
27	Kulgam	100	Kulgam
28	Alusteng	100	Ganderbal

S. No.	Name of the 132/33 kV Grid Station	Installed Capacity (MVA)	District
29	Bandipora	50	Bandipora
30	LJHP	20	Baramulla
Total		2846	

1.2.2.3. List of 220 kV Transmission Lines

Table 8: List of 220 kV Transmission Lines in Kashmir region

S. No.	Name of the Transmission Line	Line Length (km)	Line Length (Ckt km)
1	220 kV Double Circuit Tether- Mir Bazar	28.4	56.8
2	220 kV D/C Mirbazar-Pampore	46.5	93
3	220 kV D/C Wagoora-Zainakote	28.62	57.24
4	220 kV Tap line for Budgam Grid Station	2.5	2.5
5	220 kV D/C Zainakote-Delina (Amargarh)	42.5	85
6	LILO of 220 kV Zainakote Delina at Sterlite Grid	3.5	3.5
7	Zainakot Alusteng Transmission Line (ZATL)	46	92
8	LILO Interconnector New Wanpoh (Damjan) - Mir Bazar	5.25	10.4
9	LILO Lassipora	2.6	5.2
Total		203.27	405.64

1.2.2.4. List of 132 kV Transmission Lines

Table 9: List of 132 kV Transmission Lines in Kashmir region

S. No.	Name of the Transmission Line	Line Length (km)	Line Length (Ckt km)
1	132 kV D/C ICT Pampore	0.5	1
2	132 kV D/C Mir Bazaar – Tethar	44	88
3	132 kV D/C Mirbazar Kulgam	11.5	23
4	132 kV D/C Mirbazar-Mattan	11	22
5	132 kV D/C Mirbazar - LISSAR	13.15	26.3
6	132 kV D/C Mirbazar Wanpoh	4.65	9.3
7	132 kV D/C Wanpoh-Awantipora	25	50

S. No.	Name of the Transmission Line	Line Length (km)	Line Length (Ckt km)
8	132 kV D/C Awantipora Lassipora	20.5	41
9	132 kV D/C Lassipora Shopian	14	28
10	132 kV D/C Bemina-Rawalpora	6.5	13
11	132 kV D/C Pampore-Rawalpora	15.5	31
12	132 kV D/C Awantipora-Pampore	16.5	33
13	132 kV D/C Pampore-Cheshmashahi	14	28
14	132 kV D/C Khonmoh Tap Line	3.57	7.14
15	132 kV DC Cheshmashahi-Habak	17.5	35
16	132 kV D/C Habak-Wanganpora	11.5	23
17	132 kV D/C Wanganpora-Bemina	5.65	11.3
18	132 kV D/C Zainakote Wanganpora	11.5	23
19	132 kV D/C Zainakote-Bemina	6.5	13
20	132 kV D/C Habbak-Kangan (USHP-II)	24.7	49.4
21	132 kV S/C USHP-I to USHP-II	16.9	16.9
22	LILO of S/C USHP-II at Badampor	24.2	24.2
23	132 kV S/C Badampora-Habak	18.7	18.7
24	132 kV D/C Zainakote-Pattan	28	56
25	132 kV D/C Pattan-Amargrah	14.5	29
26	132 kV D/C Pattan-Magam	7.06	14.12
27	132 kV D/C Delina-LJHP	27.5	55
28	132 kV D/C LILO at Grid Station Sheeri	1.6	3.2
29	132 kV D/C Amargarh-Kupwara	34	68
30	132 kV S/C Kupwara-Vilgam	18.6	18.6
31	132 kV D/C Delina - Amargarh	6.3	12.6
32	132 kV Badampora-Bandipora	31	62
33	132 kV Budgam Chadoora TL	19.2	38.4
Total		506.08	972.16

1.3. Basis for current petition

1.3.1. Business Plan and MYT for FY 2023-24 to FY 2025-26

- 1.3.1.1. The Hon'ble Commission vide its Order No. JERC/ 4 of 2022 dated 22nd September 2022 directed the Petitioner to submit the Business plan and MYT petition for FY 2023-24 to FY 2025-26 by 30th November 2022. In line with these directives, the Petitioner is hereby submitting its Business Plan and MYT Petition for FY 2023-24 to FY 2025-26.
- 1.3.1.2. The Business Plan is filed in accordance with Regulation 8.3 of the JERC MYT Regulations 2018. Whereas the MYT Petition is filed in accordance with Regulation 9 of the JERC MYT Regulations 2018.
- 1.3.1.3. It is submitted that, the audited accounts for the past years viz. FY 2019-20, FY 2020-21 and FY 2021-22 are not available as the statutory audit, audit by Comptroller Auditor General and adoption of the audited accounts by the Board of Directors of the Corporation is yet to complete.
- 1.3.1.4. Therefore, the Petitioner has relied on the provisional annual O&M expenses of FY 2021-22 as certified by the Chief Accounts Officer of JKPTCL for projection of the ARR components.

1.3.2. Tariff proposal for FY 2023-24

- 1.3.2.1. The Petitioner has prepared the tariff proposal for FY 2023-24 based on the regulatory framework and projected ARR for FY 2023-24.

2. Chapter 2: Business Plan Petition for the period from FY 2023-24 to FY 2025-26

2.1. Objective of Business Plan

- 2.1.1. As per the Regulations, the Transmission Licensee shall file Business Plan, for Control Period from April 1, 2023, to March 31, 2026, which shall comprise but not be limited to projections for load growth in the transmission network, capital investment plan, capital structure and performance targets before the Hon'ble Commission as part of the Tariff Filing before the beginning of the Control Period.
- 2.1.2. Accordingly, Jammu and Kashmir Power Transmission Corporation Limited (JKPTCL) is hereby filing the Business Plan for the Control Period (FY 2023-24 to FY 2025-26).

2.2. Projection of load growth in the transmission network

2.2.1. Present load in the transmission network:

- 2.2.1.1. The present installed generation capacity¹ in UT of J&K and UT of Ladakh is 1360.98 MW comprising of 1230 MW of Hydropower based generation capacity and 130.98 MW of Renewable Energy based generation (small hydro and solar).
- 2.2.1.2. The power supply position in terms of peak demand vis-à-vis Peak Met for Jammu & Kashmir region (Comprising UT of J&K and UT of Ladakh) as per the CEA Load Generation report for the past 4 years as per the Load Generation and Balance Report published by CEA is given below:

Table 10: Actual Power supply position in UT of J&K and UT of Ladakh as per CEA's LGBR reports

Year	Peak Demand (MW)	Peak Met (MW)	Surplus (+)/ Deficit (-) (MW)	Deficit (%)
2018-19 (actual)	3080	2464	-616	-20.0
2019-20 (actual)	3405	2724	-681	-20.0
2020-21 (actual)	3280	2680	-600	-18.3
2021-22 (actual)	3460	3460	0	0
2022-23 (actual)	3670	3670	0	0

(Source: Load Generation Balance Report, CEA website)

¹ Source: Minutes of 4th meeting of Northern Regional Power Committee (Transmission Planning) [NRPC(TP)].

- 2.2.1.3. It is observed that there is no (continuous increasing/ decreasing) trend observed in the actual peak demand and peak demand met.
- 2.2.1.4. Further, it is observed that, there was around ~ 20% deficit for the first 3 years (actuals) & 0% deficit for the 2 years (actuals)

2.2.2. Projection for load growth in the transmission network:

- 2.2.2.1. In order to project for the load growth in the transmission network base peak demand of 3670 MW (anticipated as per CEA) for FY 2022-23 is considered.
- 2.2.2.2. No specific increasing/ decreasing trend is observed in the peak demand in last 4 years. The Petitioner has considered the general growth in economic activity in the UT of J&K as proxy to load growth in the transmission network. The general growth in the economic activity is normally reflected in the Gross Domestic Product (GDP) of the State/ UT/ country. Therefore the Petitioner has relied on the growth trend of the GDP in the past. Further, it may be noted that, from FY 2020-21 onwards COVID-19 pandemic reduced the economic activity almost everywhere in India for the next 2-3 years. COVID-19 pandemic period can thus be considered as aberration from the normal period. Therefore, the Petitioner has considered pre-pandemic period of 5 years from FY 2015-16 to FY 2020-21 to understand the growth trend which can be termed as normal growth trend.
- 2.2.2.3. In order to estimate the growth trend in the GDP of UT of J&K, the Petitioner has relied on the Handbook of statistics of the Reserve Bank of India 2021 to source the values².

Table 11: Pre COVID-19 5-year CAGR of GDP

J&K GDP as on 2015-16 (in Rs. Lakh)	J&K GDP as on 2020-21 (in Rs. Lakh)	5 Year CAGR
11716795	17628185	8.51%

- 2.2.2.4. As seen from the table above, 8.51% is the compounded annual growth rate of Gross Domestic Product for UT of J&K for the 5-year duration FY 2015-16 to FY 2020-21. The Petitioner has considered the same for projecting the growth trend in load.
- 2.2.2.5. Accordingly, the load growth projection for the control period is as follows:

Table 12: Load growth projection for the control period

Year	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26
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² Source : Handbook of Statistics on Indian States, Reserve Bank of India, 2021, Table 18, <https://rbidocs.rbi.org.in/rdocs/Publications/PDFs/0HSIS241121FL7A6B5C0ECBC64B0ABF0A097B1AD40C83.PDF>

Projected Peak Load (MW)	3670	3982.32	4321.21	4688.95
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2.3. Capital Investment Plan including capital structure

The capital investment plan of JKPTCL consists of proposed transmission schemes in the UT of J&K which are planned to fulfill following objectives:

- a) Downstream transmission network for evacuation of power from generation projects under commissioning stage,
- b) To meet the additional electricity demand in the UT of J&K till year 2026-27,
- c) Intake of power from ISTS network,
- d) System strengthening/ overcoming high/ low voltages, and
- e) Ensuring reliability/ redundancy in the transmission network.

The basis for the capital investment plan in the UT of J&K is the load flow studies carried out by CEA considering a load of around 4300 MW for the UT of J&K. Considering the fact that the peak load in Jammu region and in Kashmir region are experienced in different seasons, two cases were considered. For summer season case, the total load of J&K was considered around 4700 MW with peak load for Jammu region taken around 2600 MW. Similarly, for winter season case, the total load of J&K was considered around 4800 MW with peak load for Kashmir region taken around 2800 MW.

2.3.1. Details of key transmission projects planned for evacuation of power from power projects in the UT of J&K

Transmission system for evacuation of power from Pakaldul (1000MW), Kiru (624 MW) and Kwar (540 MW) HEPs of Chenab Valley Power Project Limited:

2.3.1.1. Chenab Valley Power Project Limited (CVPPL) is implementing three major HEPs viz Pakaldul (1000 MW), Kiru (624 MW) and Kwar (540 MW) HEP in J&K. Works on various components of PakalDul HEP are in progress. All works allotted and construction work are under progress in case of Kiru HEP while works of Kwar HEPs are in advanced stage of tendering.

2.3.1.2. Agreed transmission system planned for evacuation of power is as follows :

- a) Implementation of Kiru-Kwar-Pakaldul-Kishtwar 400 kV D/C Triple HTLS connectivity line to be implemented by M/s. CVPPL. M/s CVPPL to phase the implementation of the dedicated line as per the implementation timelines of the three HEPs i.e. Kiru, Kwar & Pakaldul.
- b) One and a half breaker switching scheme at 400kV Generation switchyard.

- c) 2 bays at each end of Kishtwar and Pakaldul - under the scope of generator.
- d) 420 kV, 125 MVAR Bus Reactor at Pakaldul HEP -under scope of generation developer
- e) Establishment of 400 kV switching station at Kishtwar (GIS) by LILO one circuit of Kishenpur – Dulhasti 400kV D/c (Quad) line (Single Circuit Strung) –under ISTS/ JKPTCL

POWER EVACUATION ARRANGEMENT FROM PROJECTS IN JAMMU & KASHMIR

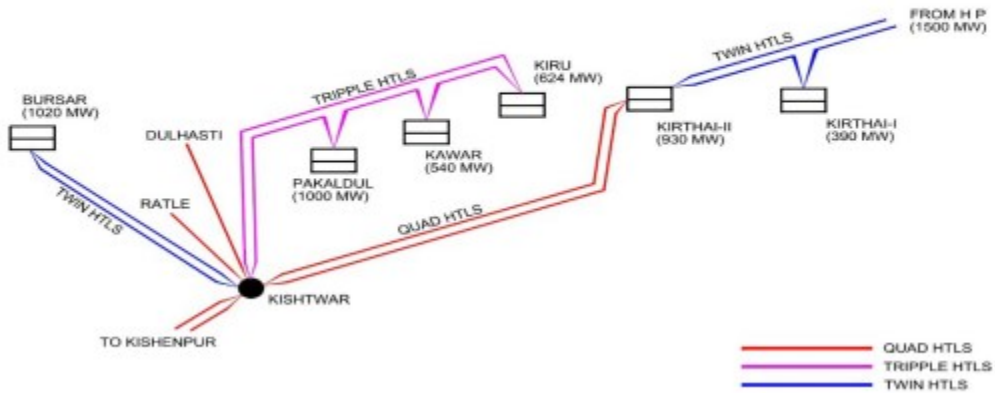


Figure 2: Line diagram of power evacuation arrangement from planned Pakaldul, Kiru and Kwar HEPs

Evacuation system for Ratle HEP (850 MW)

2.3.1.3. Ratle Hydroelectric Power Corporation Limited (RHPCL), is a JV company between NHPC and JKSPDC with equity participation of 51% and 49% respectively. Ratle HEP (850 MW), which was earlier awarded to M/s GVK would now be implemented by RHPCL. Ratle HE Project (850 MW) is a Run of River scheme located on river Chenab, in Kishtwar District in the UT of Jammu & Kashmir, with design overload of 10% and its completion schedule is March/ April 2026 (i.e. beyond the control period).

2.3.1.4. Agreed transmission system planned for evacuation of power is as follows :

- a) Ratle HEP - Kishtwar PS 400 kV D/c line (To be implemented as a dedicated line of RHPCL with conductor suitable for carrying around 935 MW on each circuit at nominal voltage) along with 2 nos. of 400kV bays at Kishtwar S/s.

- b) In addition to 3 nos. 400 kV bays at Ratle HEP switchyard (2 bays for 400 kV D/cline and 1 bay for bus reactor), RHPCL may keep space provision of additional bays in case they envisage any expansion.
- 2.3.1.5. 400 kV bus reactor at Ratle HEP (to be implemented by RHPCL)- RHPCL to explore the possibility of single-phase units of either 125 MVAR bus reactor or 80 MVAR reactor in case of transportation constraints. RHPCL may intimate CEA and CTU accordingly.
- 2.3.1.6. As noted above Pakaldul (1000 MW), Kiru (624 MW) and Kwar (540 MW) HEPs are likely to get commissioned within the control period while Ratle HEP is likely to get commissioned after the control period. Two grid stations are under commissioning in the ISTS (400 kV level) one at Kishtwar (pooling station for Kiru, Kwar and Pakaldul HEPs) and one at Siot. The evacuation of power from the power stations is planned by the CTU. However, down the line (220/ 132 kV level) from Kishtwar and Siot grid stations JKPTCL is planning the transmission lines. The same is already approved by the CEA in the transmission plan of JKPTCL. JKPTCL has already intimated the State Government for funding the said evacuation lines at 220/ 132 kV.

2.3.2. Summary of Capital Investment Plan including phasing

- 2.3.2.1. Basis and assumptions underlying the Transmission plan:
 - a) The phasing of transmission schemes/ projects is based on actual region-wise requirement as per year wise load projection.
 - b) In compliance to instructions of the Ministry of Power (GoI) conveyed in meeting held on 7.4.2016 under the Chairmanship of Joint Secretary (Transmission), MOP, the perspective transmission plan for the period of 2021-27 was prepared and integrated with the Distribution level plan up to 33 kV level. All the grid stations of 220/ 33 kV & 132/33 kV level have been integrated with the downstream 33/11 kV sub-stations and the capacities, thereof.
 - c) Basic scheme costs are based on the cost data of 2018-19 of JKPDD. Annual escalation of 3.00% per annum on the basic scheme costs has been considered for projection of costs of the respective schemes.
 - d) The physical phasing plan has been prepared based on the estimated time required for completion of the respective schemes considering past year experience.
- 2.3.2.2. The Capital Investment plan for Jammu region and for Kashmir region consisting of scheme-wise physical phasing and phasing of financing is provided at form F3.1.
- 2.3.2.3. A brief summary of the capitalization of assets is presented as follows:

Table 13: Year-wise scheme wise capitalization of schemes in Jammu Region (All amounts in Rs. Crores)

S. No.	Name of transmission Element	Year-wise projection of capitalization (In Rs. crores)					
		21-22	22-23	23-24	24-25	25-26	26-27
Infrastructure at 220 kV level							
A	Creation of new 220 kV Grid Stations	-	-	-	717	-	-
B	Augmentation of Transformation Capacity at existing 220 kV Grid Stations	-	91	62	33	33	-
C	220 kV Transmission Lines	-	11	138	524	-	-
D	Creation of new 220kV Line Bays	-	-	-	21	-	-
Infrastructure at 132 KV Level							
E	Creation of New 132/66-33 kV Grid Stations	-	-	-	200	52	-
F	Augmentation of 132/ 66 -33kV level at existing Grid Stations	-	30	-	7	-	-
G	132kV transmission lines	-	-	43	306	135	103
H	Creation of new 132kV Line Bays	4	-	2	-	2	-
I	132kV Bus bar capacity Enhancement/ Reconductoring	5	-	-	-	-	-
J	66 kV or 33 kV Bus Bar Capacity Enhancement	6	-	-	-	-	-
K	Creation of new 66kV or 33kV line bays for evacuation of power	-	6	-	-	11	20
L	Reactive compensation at 33 kV or 66 kV level	-	-	-	-	-	70
M	Other Miscellaneous Works	2	4	-	-	-	-
Grand Total		17	142	243	1808	424	193

Table 14: Year-wise scheme wise capitalization of schemes in Kashmir Region (All amounts in Rs. crores)

S. No.	Name of transmission Element	Year-wise projection of capitalization (in Rs. crores)					
		20-21	21-22	22-23	23-24	24-25	25-26
Infrastructure at 220 kV Level							
A	Construction of 220/132 kV Grid Sub-stations	-	-	-	462	-	-
B	Augmentation of 220/132 kV Grid Sub-station	-	-	-	-	83	-

S. No.	Name of transmission Element	Year-wise projection of capitalization (in Rs. crores)						
C	Construction of 220/ 33 kV Grid Sub-stations				422	132	60	80
D	Construction of new 220 kV Transmission lines				246	33	21	39
Infrastructure at 132 kV Level								
E	Construction of 132/ 33 kV Grid Sub-station				47	49	50	116
F	Augmentation of 132/ 33 kV Grid Sub-station	7	5	24	48	8		
G	Construction of additional 132 kV line bays at existing Grid Sub-station				24			
H	Construction of new 132 kV Transmission Lines			41	39	44	29	227
Grand Total		7	5	65	1290	349	169	462

2.3.3. Capital Structure

2.3.3.1. It is submitted that, JKPTCL has planned to finance the capital investments during FY 2023-24, FY 2024-25, and FY 2025-26 by means of capital grants/ grant-in-aid from the Government. No long-term loans and/ or infusion of equity is envisioned for the capital investments during FY 2023-24 to FY 2025-26. The following table provides the capital structure for financing the capital investments.

Table 15: JKPTCL's capital structure for financing capital expenditure

Financial Year	Debt	Equity	Capital Grants/ Grant-in-aid
FY 2023-24	0%	0%	100%
FY 2024-25	0%	0%	100%
FY 2025-26	0%	0%	100%

2.4. Performance Targets

2.4.1. Transmission Loss levels

2.4.1.1. The Hon'ble Commission has approved transmission loss level of 3.20% for FY 2022-23 in its Tariff Order dated 22nd September 2022.

2.4.1.2. Considering the capital expenditure to be undertaken over the next years, the Petitioner proposes a trajectory for gradual reduction of transmission losses as follows:

Table 16: Projected transmission loss levels

Year	FY 2022-23	FY 2023-24	FY 2024-25	FY 2025-26
Projected transmission loss levels	3.20%	3.15%	3.07%	3.00%

2.4.2. Transmission System Availability

2.4.2.1. Based on the past experience the Petitioner has projected following transmission system availability for the future period:

Table 17: Projected Transmission system availability

Year	FY 2023-24	FY 2024-25	FY 2025-26
Projected transmission system availability target	99.00%	99.00%	99.00%

2.5. Projections for number of employees

2.5.1. Manpower Planning

- 2.5.1.1. It is submitted that, currently, the employees working at JKPTCL are deputed in accordance with the Jammu and Kashmir Power Development Department (Reorganization) First Transfer Scheme 2020.
- 2.5.1.2. The Sanctioned posts in the erstwhile Systems and Operations wing of JKPDD have been transferred to JKPTCL. Therefore, the projection of number of employees is based on (a) filling up the vacancy in the sanctioned posts and, (b) creation of new posts and filling up these newly created posts.

2.5.2. Filling up the vacancy in the sanctioned posts

- 2.5.2.1. Currently, there are 2717 approved and sanctioned posts at different levels in JKPTCL. As against these sanctioned posts the total number of employees as on 1st April 2023-24 are projected in 1943 with vacancy at 774 sanctioned posts. The recruitment of employees for JKPTCL is subject to approval from the Government authorities. Based on the sanctioned strength and the current manpower strength in JKPTCL, the position/level-wise yearly recruitment planned for the control period FY 2023-24 to FY 2025-26 is as follows:

Table 18: Position/ level wise yearly recruitment plan of JKPTCL

S. No.	Name of the Post.	2021-22			2022-23	2023-24	2024-25	2025-26
		Sanctioned Strength	Employee Strength	Vacancy	Planned Recruitments for filling up vacant posts			
1	Managing Director	1	1	0	0	0	0	0
2	Chief Engineer	2	1	1	0	1	0	0
3	Superintending Engineer	4	2	2	1	1	0	0
4	Chief Accounts Officer	1	1	0	0	0	0	0
5	Deputy Director Planning	3	1	2	0	1	1	0
6	Executive Engineer	20	16	4	1	1	1	1
7	Administrative Officer	1	0	1	0	0	1	0
8	Accounts Officer	3	3	0	0	0	0	0
9	AEE (E)	61	53	8	2	2	2	2
10	AEE (C)	7	2	5	1	1	2	1
11	AE (E)	97	88	9	2	2	3	2
12	AE (C)	6	4	2	0	0	1	1
13	Private Secretary	1	1	0	0	0	0	0
14	Land Collector	1	1	0	0	0	0	0

S. No.	Name of the Post.	2021-22			2022-23	2023-24	2024-25	2025-26
		Sanctioned Strength	Employee Strength	Vacancy	Planned Recruitments for filling up vacant posts			
15	Naib Tehsildar	1	1	0	0	0	0	0
16	Assistant Accounts Officer	18	14	4	1	1	1	1
17	Accounts Assistant	15	8	7	1	2	2	2
18	Junior Engineer (E)	297	228	69	16	16	17	20
19	Junior Engineer (C)	16	7	9	2	2	2	3
20	Statistical Officer (P)	3	3	0	0	0	0	0
21	Section Officer	4	4	0	0	0	0	0
22	PLO/Legal Assistant	1	1	0	0	0	0	0
23	Senior Stenographer	3	3	0	0	0	0	0
24	Geological Assistant	1	0	1	0	0	0	1
25	Head Computer	3	2	1	1	0	0	0
26	Head Draftsman	11	8	3	0	1	1	1
27	Draftsman	22	13	9	2	3	2	2
28	Senior Technician/Foreman	18	1	17	4	4	5	4
29	Technician-1st/ Jr. Technician/ Black Smith/ Electrician	64	28	36	9	9	9	9
30	Junior Stenographer	6	0	6	0	2	2	2
31	Head Assistant	26	16	10	2	2	2	4
32	Revenue Superintendent	3	3	0	0	0	0	0
33	Senior Assistant	81	52	29	7	7	7	8
34	Revenue Examiner	4	2	2	1	1	0	0
35	Patwari	2	1	1	1	0	0	0
36	Statistical Assistant	4	2	2	1	1	0	0
37	SBA/Technician-2nd	62	1	61	15	15	16	15
38	Driver/Chauffer	56	36	20	5	5	5	5
39	Junior Assistant/Revenue Clerk	126	80	46	11	11	12	12
40	Computer Operator	3	2	1	0	1	0	0
41	Computer Assistant	15	4	11	3	3	3	2
42	Meter Reader	2	2	0	0	0	0	0
43	Lineman-1st	21	21	0	0	0	0	0
44	Technician-3rd,	518	326	192	48	48	48	48
45	Jamadar	2	1	1	0	1	0	0
46	Cleaners	11	3	8	2	2	2	2

S. No.	Name of the Post.	2021-22			2022-23	2023-24	2024-25	2025-26
		Sanctioned Strength	Employee Strength	Vacancy	Planned Recruitments for filling up vacant posts			
47	Junior Lineman/ Technician-4th/ Helpers/ Bill Distributors etc.	926	768	158	40	40	40	38
48	Orderlies/Chowkidars	164	128	36	9	9	9	9
Total		2717	1943	774	188	195	196	195

2.5.3. Creation of new posts and filling up these new posts

- 2.5.3.1. JKPTCL has started its journey as a “Corporation” just few years ago and it needs to induct adequate and skillful manpower at various levels to professionalize the setup. For this creation of new posts is required.
- 2.5.3.2. Currently, a proposal for creation of new posts is under discussion at the Government Authorities. Post the finalization and approvals from the Government, JKPTCL will be able to create new posts and fill up those posts.

3. Chapter 3: MYT for the period from FY 2023-24 to FY 2025-26

3.1. Objective of MYT

- 3.1.1.1. Regulation 9 of the MYT Regulations 2018 specifies that the Petitioner shall submit the forecast of Aggregate Revenue Requirement for each year of the Control Period and tariff proposal for the first Year of the Control Period. Further, the Regulations specify that the Petitioner shall develop the forecast of Aggregate Revenue Requirement using the assumptions relating to the behaviour of individual variables that comprise the Aggregate Revenue Requirement during each year of the Control Period.
- 3.1.1.2. As per Regulation 40 of the MYT Regulations 2018 the Petitioner is required to project the Annual Revenue Requirement (ARR) for each year of the control period. The objective of the MYT is that the annual transmission charges for each Financial Year of the Control Period shall provide for the recovery of the Aggregate Revenue Requirement of the Transmission Licensee for the respective Financial Year of the Control Period, as reduced by the amount of Non-Tariff Income, income from Other Business and short-term transmission charges of the previous Year in accordance with the applicable regulations.

3.2. Operations & Maintenance Expenses

- 3.2.1.1. Regulation 41.2 of the MYT Regulations 2018 specifies:

“41.2 The Transmission Licensee shall submit the required O&M expenses for the Control Period as a part of Multi Year Tariff Petition. O&M expenses for the base Year shall be approved by the Commission taking into account the latest available audited accounts, business plan filed by the transmission Licensee, estimates of the actuals for the base Year, prudence check and any other factors considered appropriate by the Commission.”

- 3.2.1.2. It is submitted that, JKPTCL as an entity came into existence only in FY 2019-20. Further, as stated earlier the financial accounts of JKPTCL for the past years are provisional and are yet to get certified by the Auditors. Therefore, JKPTCL has relied on the provisional accounts which even though are not certified by the Auditor provide the most realistic estimate of the actual costs incurred by the Petitioner.
- 3.2.1.3. The Hon'ble Commission in its order in Petition No. JERC/ 4 of 2022 dated 22nd September 2022 approved ARR for FY 2022-23. While approving the O&M expenses of FY 2022-23

the Hon'ble Commission did not consider the provisional O&M expenses as submitted on affidavit by the Petitioner for the past years. Instead the Hon'ble Commission relied on the erstwhile JKSERC's Tariff Order for JKPDD- Transmission business wherein O&M expenses for only up to FY 2020-21 were projected based on certain assumption by the erstwhile Commission. In the Order dated 22nd September 2022 the Hon'ble Commission has considered O&M expenses approved by the erstwhile JKSERC for FY 2020-21, inflated it to FY 2022-23 using inflation indices and then it has apportioned these expenses into (a) employee expenses, (b) A&G expenses and (c) R&M expenses in proportion to the employee expenses, A&G expenses and R&M expenses as submitted by the Petitioner for FY 2020-21. This has resulted in approval of lower O&M expenses for FY 2022-23.

3.2.1.4. The approach adopted by Hon'ble Commission while approving O&M expenses for FY 2022-23 has certain limitations. Those are as follows:

1. The erstwhile JKSERC and the entity JKPDD-Transmission business do not exist.
2. The erstwhile JKSERC's order on which the Hon'ble Commission has relied upon is not available in the public domain.
3. The erstwhile JKSERC in 2016 projected the O&M expenses for JKPDD-Transmission business for FY 2020-21 based on certain assumptions. None of those assumptions are valid in the subsequent years.
4. JKPDD-Transmission business and JKPTCL are two separate entities. Even though nature of business is similar it is not same. For e.g. JKPTCL is now an independent corporation with separate support functions such as corporate IT support, personnel department, finance and accounts, separate MD office etc. while the erstwhile JKPDD-Transmission business was just a department within JKPDD with shared support functions provided by JKPDD.
5. Employee expenses are major portion of the O&M expenses. Post 2016 there has been implementation of 7th Pay Commission recommendations on pay scales which has resulted in increase in pay scales for all the Government employees over the course of the years. The values approved by JKSERC towards employee expenses for JKPDD-Transmission business do not factor this aspect.
6. The financial information submitted by the Petitioner even though was not audited was the latest available fresh information. The Hon'ble Commission however relied on stale information (2016). Further, the Hon'ble Commission considered and relied on non-financial information submitted by the Petitioner (such as proportion of O&M expenses to allocate it into employee expenses, A&G expenses and R&M expenses,

transmission losses and transmission availability) but, did not rely on financial information submitted on affidavit by the Petitioner.

3.2.1.5. Considering the above limitations, the Petitioner has relied on actual O&M expenses (provisional) for projecting the O&M expenses for the remaining MYT period.

3.2.1.6. Regulation 6.1 of the MYT Regulations 2018 specifies the base year as follows:

“6.1 The values for the Base Year of the Control Period shall be determined on the basis of the audited accounts or provisional accounts of last three (3) Years, and other factors considered relevant by the Commission:

Provided that, in absence of availability of audited accounts or provisional accounts of last three (3) Years, the Commission may benchmark the parameters with other similar utilities to establish the values for Base Year:

Provided further that the Commission may change the values for Base Year and consequently the trajectory of parameters for Control Period, considering the actual figures from audited accounts.”

3.2.1.7. Further, the definition of the ‘base year’ as per the MYT Regulations 2018 is as follows:

*“**Base Year**” shall mean the Year immediately preceding the first Year of the Control Period;”*

3.2.1.8. In context of the above definition and considering the provisions of the Regulation 6.1 of the MYT Regulations 2018, the Petitioner submits that, FY 2022-23 is considered as the base year which is the year preceding the remaining period of the MYT period i.e. FY 2023-24 to FY 2025-26. It is further submitted that, JKPTCL as an entity came into existence only in FY 2019-20 therefore, provisional accounts of FY 2019-20 (5 months), FY 2020-21 and FY 2021-22 are available for determination of the base year O&M expenses as per the Regulations. The Petitioner has considered FY 2019-20 (pro-rated for 12 months), full FY 2020-21 and FY 2021-22 figures for determination of base year O&M expenses.

3.2.1.9. Regulation 41.3 of the MYT Regulations 2018 specifies:

“41.3 O&M expenses for the nth Year of the Control Period shall be approved based on the formula given below:

$$O\&M_n = (R\&M_n + EMP_n + A\&G_n) \times (1 - X_n) + Terminal Liabilities$$

Where,

$$R\&M_n = K \times GFA_{n-1} \times (WPI \text{ inflation})$$

$$EMP_n = (EMP_{n-1}) \times (1 + G_n) \times (CPI \text{ inflation})$$

$$A\&G_n = (A\&G_{n-1}) \times (CPI \text{ inflation})$$

'K' is a constant (expressed in %). Value of K for each Year of the Control Period shall be determined by the Commission in the Multi Year Tariff Order based on Licensee's filing, bench marking of repair and maintenance expenses, approved repair and maintenance expenses vis-à-vis GFA approved by the Commission in past and any other factor considered appropriate by the Commission;

CPI inflation – is the average increase in Consumer Price Index (CPI) for immediately preceding three (3) Years before the base Year;

WPI inflation – is the average increase in the Wholesale Price Index (CPI) for immediately preceding three (3) Years before the base Year;

EMP_n – Employee expenses of the Transmission Licensee for the n^{th} Year;

$A\&G_n$ – Administrative and General expenses of the Transmission Licensee for the n^{th} Year;

$R\&M_n$ – Repair and Maintenance expenses of the Transmission Licensee for the n^{th} Year;

GFA_{n-1} – Gross Fixed Asset of the transmission Licensee for the $n-1^{th}$ Year;

X_n is an efficiency factor for n^{th} Year. Value of X_n shall be determined by the Commission in the Multi Year Tariff Order based on Licensee's filing, benchmarking, approved cost by the Commission in past and any other factor the Commission feels appropriate;

G_n is a growth factor for the n^{th} Year. Value of G_n shall be determined by the Commission for each Year in the Multi Year Tariff Order for meeting the additional manpower requirement based on Licensee's filings, benchmarking, approved cost by the Commission in past and any other factor that the Commission feels appropriate."

3.2.1.10. The Petitioner submits that, though the Regulation provides the formula for calculation of the O&M expenses various factors viz. X_n , G_n and K are not known as the same are to be specified by the Hon'ble Commission.

3.2.1.11. The CPI Inflation and WPI Inflation considered for projection of future year expenses is the average increase in the CPI and WPI indices for immediately preceding 3 years before the base year. The following tables provide the derivation of the CPI Inflation and WPI Inflation used for projecting the O&M expenses.

Table 19: CPI Indices as per Labour Bureau

Month	Consumer Price Index			
	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
April	288.00	312.00	329.00	345.89
May	289.00	314.00	330.00	347.33
June	291.00	316.00	332.00	350.50
July	301.00	319.00	336.00	353.66

Month	Consumer Price Index			
	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
August	301.00	320.00	338.00	354.24
September	301.00	322.00	340.13	355.10
October	302.00	325.00	344.16	359.71
November	302.00	328.00	345.31	362.02
December	301.00	330.00	342.14	361.15
January	307.00	330.00	340.42	360.29
February	307.00	328.00	342.72	360.00
March	309.00	326.00	344.45	362.88
Average	299.92	322.50	338.69	356.06
Average Annual CPI	5.45%	7.53%	5.02%	5.13%

Table 20: Calculation of average annual CPI

Particulars	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	Actual	Actual	Actual	Estimated (average of last 3 years)
Annual Average CPI Index	299.92	322.50	338.69	
% Increase (%)	5.45%	7.53%	5.02%	6.00%

Table 21: WPI indices as per Office of Economic Advisor of India

Month	Wholesale Price Index			
	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
April	117.30	121.10	119.20	132.00
May	118.30	121.60	117.50	132.90
June	119.10	121.50	119.30	133.70
July	119.90	121.30	121.00	135.00
August	120.10	121.50	122.00	136.20
September	120.90	121.30	122.90	137.40
October	122.00	122.00	123.60	140.70
November	121.60	122.30	125.10	143.70
December	119.70	123.00	125.40	143.30
January	119.20	123.40	126.50	143.80
February	119.50	122.20	128.10	145.30
March	119.90	120.40	129.90	148.90
Average	119.79	121.80	123.38	139.41
Average Annual WPI	4.28%	1.68%	1.29%	13.00%

Table 22: Calculation of average annual WPI

Particulars	FY 2018-19	FY 2019-20	FY 2020-21	FY 2021-22
	Actual	Actual	Actual	Estimated (average of last 3 years)
Annual Average WPI Index	119.79	121.80	123.38	
% Increase (%)	4.28%	1.68%	1.29%	2.42%

3.2.1.12. The actual O&M expenses incurred by JKPTCL in FY 2019-20, FY 2020-21 and FY 2021-22 are provided in Annexure-1, Annexure-2, and Annexure-3. The same though not audited are certified by the Accounts Office of JKPTCL. The Hon'ble Commission is requested to consider the same as a fair basis for estimating the future year O&M expenses.

3.2.1.13. The calculations for projection of O&M expenses for FY 2023-24, FY 2024-25 and FY 2025-26 are provided in Forms F2.3, F2.4 and F2.5.

Table 23: Projected O&M expenses for remaining period of the control period (all expenses in Rs. crores)

Sr. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26
		Projected	Projected	Projected
1	Employee Expenses	162.83	172.60	182.96
2	A&G Expenses	7.10	7.53	7.98
3	R&M Expenses	14.74	15.09	15.46
4	O&M Expenses	184.67	195.22	206.40

3.2.1.14. The Petitioner requests the Hon'ble Commission to approve the above projected O&M expenses for FY 2023-24 to FY 2025-26.

3.3. Capital Expenditure, capitalization and CWIP

3.3.1.1. The details of the capital investment plan covering, capital expenditure, CWIP and capitalization are provided at section 2.3 of the petition. The Petitioner has prepared the capital investment plan in concurrence with CEA. The details of the capital investment plan and CEA concurrence on the same is enclosed as Annexure-4.

3.3.1.2. Based on the physical phasing of the capital investment schemes, the Petitioner has worked out the CWIP and capitalization estimates. The same are as follows:

Table 24: Projected Capital Expenditure and capitalization during the MYT Period (Rs. crores)

Sr. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26
		Projected	Projected	Projected
1	Capital Expenditure	1549.35	1104.43	287.73
2	Capitalization	1532.78	2157.05	593.38

3.3.1.3. The Petitioner has provided capital scheme wise details of capital expenditure, CWIP and capitalization in Forms 3.1, 3.2 and 3.3. The Petitioner requests the Hon'ble Commission to approve the proposed capital expenditure, capitalization and CWIP.

3.4. Depreciation

3.4.1.1. It is submitted that the planned asset additions/ capitalization during FY 2023-24, FY 2024-25 and FY 2025-26 is to be funded through capital grants/ grant-in-aid from the Government only and JKPTCL does not intend to finance the same through any capital loan and/ or infused equity to create assets in FY 2023-24, FY 2024-25, and FY 2025-26.

3.4.1.2. As specified in regulation 25.4 (c) and additional proviso of regulation 30.1 of the JERC Goa and UTs (Generation, Transmission and Distribution) Regulations 2018, depreciation on assets created from grant is not allowed. Relevant excerpts are reproduced here as follows:

Regulation 25.4 (c)

“c) depreciation to the extent of works performed through consumer contribution, deposit work, capital subsidy or grant shall not be allowed as specified in Regulation 30;”

Regulation 30.1

“30.1 The value base for the purpose of depreciation shall be the capital cost of the asset admitted by the Commission:

Provided that the depreciation shall be allowed after reducing the approved original cost of the retired or replaced or decapitalized assets:

Provided also that the no depreciation shall be allowed on the assets financed through consumer contribution, deposit work, capital subsidy or grant.”

3.4.1.3. In line with the above said provisions, JKPTCL has claimed nil depreciation (Depreciation as per regulatory accounts) on assets during FY 2023-24, FY 2024-25, and FY 2025-26 in the instant petition.

3.4.1.4. The Hon'ble Commission is requested to approve nil depreciation during FY 2023-24, FY 2024-25, and FY 2025-26 for JKPTCL.

3.5. Interest on long term loans

3.5.1.1. It is submitted that the planned asset additions/ capitalization during FY 2023-24, FY 2024-25 and FY 2025-26 is to be funded through capital grants/ grant-in-aid from the Government only and JKPTCL does not intend to finance the same through any capital loan and/ or infused equity to create assets in FY 2023-24, FY 2024-25, and FY 2025-26.

3.5.1.2. As specified in regulation 25.4 (e) and regulation 28.7 of the JERC Goa and UTs (Generation, Transmission and Distribution) Regulations 2018, interest on loan capital on financial support corresponding to grant. Relevant excerpts are reproduced here as follows:

“Regulation 25.4 (e)

“e) provisions related to interest on loan capital, as specified in Regulation 28, shall not be applicable to the extent of financial support provided through consumer contribution, deposit work, capital subsidy or grant.”

Regulation 28.7

“The above interest computation shall exclude the interest on loan amount, normative or otherwise, to the extent of capital cost funded by consumer contribution, deposit work, capital subsidy or grant, carried out by Transmission Licensee or Distribution Licensee.”

3.5.1.3. In line with the above said provisions, JKPTCL has claimed nil interest on long term loans on assets during FY 2023-24, FY 2024-25, and FY 2025-26 in the instant petition.

3.5.1.4. The Hon'ble Commission is requested to approve nil interest on long term loans during FY 2023-24, FY 2024-25, and FY 2025-26 for JKPTCL.

3.6. Interest on working capital

3.6.1.1. As per Regulation 42.1 of the JERC Goa and UTs (Generation, Transmission and Distribution) Regulations 2018, the transmission licensee shall be allowed interest on the estimated level of working capital for the financial year in accordance with prevalent CERC Tariff Regulations.

3.6.1.2. Regulation 34 (1) (c) of the CERC (Terms and conditions of Tariff) Regulations, 2019 specifies following components of working capital for transmission licensee:

“(c) For Hydro Generating Station (including Pumped Storage Hydro Generating Station) and Transmission System:

- (i) *Receivables equivalent to 45 days of annual fixed cost;*
- (ii) *Maintenance spares @ 15% of operation and maintenance expenses including security expenses; and*
- (iii) *Operation and maintenance expenses, including security expenses for one month.”*

3.6.1.3. Accordingly, the Petitioner has considered the components of normative working capital to arrive at the normative working capital requirement. Further, Regulation 34 (2) of the CERC (Terms and conditions of Tariff) Regulations, 2019 specifies the rate of interest to be considered for calculating interest on working capital. The excerpts of the Regulation are reproduced below:

*“(3) Rate of interest on working capital shall be on normative basis and shall be considered as the bank rate as on 1.4.2019 or as on 1st April of the year during the tariff period 2019-24 in which the generating station or a unit thereof or the transmission system including communication system or element thereof, as the case may be, is declared under commercial operation, whichever is later:
Provided that in case of truing-up, the rate of interest on working capital shall be considered at bank rate as on 1st April of each of the financial year during the tariff period 2019-24.”*

3.6.1.4. The CERC Tariff Regulations 2019 defines Bank rate as 1-year SBI MCLR as on 1st April of financial year plus 350 basis points. Accordingly, the Licensee has considered the SBI MCLR of 7% as on 1st April 2023³ and accordingly, bank rate of 12.00% (8.50%+3.50%). The projected normative interest on working capital for the period FY 2023-24, FY 2024-25 and FY 2025-26 is as follows:

Table 25: Normative Working Capital for FY 2023-24, FY 2024-25, and FY 2025-26 (amount in Rs. crores)

Sr. No.	Particulars	FY 2023-24	FY 2024-25	FY 2025-26
1	O&M Expenses equivalent to 1 month	15.39	16.27	17.20
2	Maintenance Spares @15% of the O&M expenses including security deposit	27.70	29.28	30.96
3	Receivables equivalent to 45 days of AFC	23.76	25.11	26.55
4	Less: Amount of security deposit from Transmission System Users	0.00	0.00	0.00
6	Net Working Capital Requirement (Yearly)	66.85	70.67	74.71
7	Interest Rate (%)	12.00%	12.00%	12.00%
	Normative Interest on Working Capital	8.02	8.48	8.97

³ Source: <https://sbi.co.in/web/interest-rates/interest-rates/mclr-historical-data>

3.6.1.5. It is pertinent to mention that JKPTCL is not anticipating availing any actual loan towards working capital. Further, Regulation 34 (4) of the CERC (Terms and conditions of Tariff) Regulations, 2019 specifies that the interest on working capital shall be payable on normative basis notwithstanding actual loan to fund the working capital requirement. The excerpt of the Regulations is as follows:

“(4) Interest on working capital shall be payable on normative basis notwithstanding that the generating company or the transmission licensee has not taken loan for working capital from any outside agency.”

3.6.1.6. Accordingly, the Petitioner requests the Hon’ble Commission to approve the normative interest on working capital for FY 2023-24, FY 2024-25, and FY 2025-26.

3.7. Return on equity

3.7.1.1. It is submitted that the planned asset additions/ capitalization during FY 2023-24, FY 2024-25 and FY 2025-26 is to be funded through capital grants/ grant-in-aid from the Government only and JKPTCL does not intend to finance the same through any capital loan and/ or infused equity to create assets in FY 2023-24, FY 2024-25, and FY 2025-26.

3.7.1.2. As specified in regulation 25.4 (d) of the JERC Goa and UTs (Generation, Transmission and Distribution) Regulations 2018, return on equity is not applicable on financial support corresponding to grant. Relevant excerpts are reproduced here as follows:

“d) provisions related to return on equity, as specified in Regulation 27, shall not be applicable to the extent of financial support provided through consumer contribution, deposit work, capital subsidy or grant;”

3.7.1.3. In line with the above said provisions, JKPTCL has claimed nil return on regulatory equity on assets during FY 2023-24, FY 2024-25, and FY 2025-26 in the instant petition.

3.7.1.4. The Hon’ble Commission is requested to approve nil return on regulatory equity during FY 2023-24, FY 2024-25, and FY 2025-26 for JKPTCL.

3.8. Contribution to contingency reserves

3.8.1.1. It is submitted that JKPTCL has not planned any contribution towards contingency reserves for the period FY 2023-24, FY 2024-25, and FY 2025-26.

3.9. Non-tariff income

3.9.1.1. JKPTCL has projected nil income from non-tariff sources for the period FY 2023-24, FY 2024-25, and FY 2025-26. JKPTCL would submit the actual value of non-tariff income (if any) at the time of True up of ARR of FY 2023-24, FY 2024-25, and FY 2025-26.

3.10. ARR Projections

3.10.1.1. In line with above, summary of expenses of JKPTCL during FY 2023-24, FY 2024-25, and FY 2025-26 as per the JERC Goa and UTs (Generation, Transmission and Distribution) Regulations 2018 adopted by the Hon'ble Commission vide JERC for UT of J&K and UT of Ladakh (Adoption of various Regulations of JERC for the state of Goa and UTs) Regulations, 2021 is tabulated as follows:

Table 26: Projected ARR for FY 2023-24, FY 2024-25, and FY 2025-26 (in Rs. crores)

Sr. No.	Particulars	ARR	ARR	ARR
		FY 2023-24	FY 2024-25	FY 2025-26
		Projected	Projected	Projected
1	Operation & Maintenance Expenses	184.67	195.22	206.40
2	Depreciation	0.00	0.00	0.00
3	Interest and Finance Charges	0.00	0.00	0.00
4	Interest on Working Capital and deposits from TSUs	8.02	8.48	8.97
5	Contribution to Contingency reserves	0.00	0.00	0.00
6	Total Revenue Expenditure	192.69	203.70	215.36
7	Return on Equity Capital	0.00	0.00	0.00
8	Aggregate Revenue Requirement	192.69	203.70	215.36
9	Less: Non-Tariff Income	0.00	0.00	0.00
10	Less: Income from Other Business	0.00	0.00	0.00
11	Less: Revenue from short-term transmission charges	0.00	0.00	0.00
12	Aggregate Revenue Requirement from Transmission Tariff	192.69	203.70	215.36

3.10.1.2. The Petitioner requests the Hon'ble Commission to approve the above projections of ARR for the MYT period of FY 2023-24, FY 2024-25, and FY 2025-26.

4. Chapter 4: Tariff Proposal for FY 2023-24

4.1. Regulatory framework

- 4.1.1.1. Regulation 46 of the JERC Goa and UTs (Generation, Transmission and Distribution) Regulations 2018 adopted by the Hon'ble Commission vide JERC for UT of J&K and UT of Ladakh (Adoption of various Regulations of JERC for the state of Goa and UTs) Regulations, 2021 provides the regulatory framework for calculation and sharing of charges for Intra-state transmission network. The relevant extracts are reproduced below:

“46. Sharing of charges for Intra-State Transmission Network

46.1 The Aggregate Revenue Requirement of the Transmission Licensee, as approved by the Commission, shall be shared by all long-term users and medium-term users of the transmission system on a monthly basis in the ratio of their respective Allotted Transmission Capacity to the total Allotted Transmission Capacity, in accordance with the following formula:

$$ATC_n = (Transmission\ ARR / 12) \times (CC_n / SCC)$$

Where,

ATC_n = annual transmission charges payable by the nth long-term user or medium-term user of the transmission system;

Transmission ARR = Aggregate Revenue Requirement of the Transmission Licensee, determined in accordance with these Regulations;

CC_n = Allotted Transmission Capacity by the nth long-term user or medium-term user of the transmission system;

SCC = sum of Allotted Transmission Capacity by all long-term users and medium-term users of the transmission system:

Provided that the ATC_n shall be payable on a monthly basis by each long-term user or medium-term user of the transmission system and shall be collected by the State Transmission Utility (STU).

46.2 The short-term Open Access Consumers shall pay transmission charges on Rs/MW/day basis determined in accordance with Joint Electricity Regulatory Commission for the State of Goa and Union Territories (Connectivity and Open Access in Intra-State Transmission and Distribution) Regulations, 2017, as amended from time to time.”

- 4.1.1.2. The Petitioner presents tariff proposal in accordance with the above-mentioned regulatory framework.

4.2. Transmission Tariff for FY 2023-24

4.2.1.1. The Petitioner has considered the projected ARR for FY 2023-24 in Section 3.10 above as the Transmission ARR.

4.2.1.2. As regard CC_n and SCC the Petitioner submits that, currently its entire transmission network is dedicated to JKPCL which procures power for the distribution licensees in the UT of J&K and UT of Ladakh. For SCC the Petitioner has considered total installed capacity in MW of power utilities in the UT of J&K and UT of Ladakh including allocated shares in joint and central sector utilities of 3512.10 MW as on 31st October 2022 as reported by CEA⁴.

4.2.1.3. The Petitioner has considered 365 days in a year for calculation of Transmission tariff. Based on above assumptions the calculated transmission tariff for FY 2023-24 is as follows:

Table 27: Proposed transmission tariff for FY 2023-24

Particulars	Unit	Legend	Amount
Projected Aggregate Revenue Requirement	Rs. Crores	Transmission ARR	192.69
Allotted Transmission capacity to the nth long term/ medium term user of Transmission system	MW	CC _n	3,512.10
Sum of Allotted Transmission Capacity by all long-term users and medium-term users of the transmission system	MW	SCC	3,512.10
Annual transmission charges payable by the nth long-term user or medium-term user of the transmission system	Rs. Crores/ month	ATC_n = (Transmission ARR / 12) x (CC_n / SCC)	16.06
Short Term Open Access Transmission charges	Rs./ MW/ day		1503.16

4.2.1.4. The Petitioner requests the Hon'ble Commission to approve the above proposed transmission tariff for FY 2023-24.

⁴ Source: https://cea.nic.in/wp-content/uploads/executive/2022/10/Executive_Summary_Oct_2022.pdf

5. Chapter 5: Compliance to directives

This section discusses the compliance to various directives of Hon'ble Commission vide its Order dated 22nd September 2022.

Sr. No.	Directive	Compliance
1.	<p>TIMELY FILING OF TARIFF PETITION The Petitioner is directed to adhere to the timelines of Regulatory filings before the Commission, in future. Next MYT Petition with Business Plan Petition should be submitted by 30th November 2022. The Petitioner is also directed to institutionalize the arrangements and seek necessary clearances, as may be required, in advance for ensuring timely submission of tariff petition in future.</p>	<p>The Petitioner has noted the direction of the Hon'ble Commission. The Petitioner would strive to submit all the Tariff Petitions in a timely manner.</p>
2.	<p>CAPITAL INVESTMENT AND CAPITALIZATION PLAN ALONG WITH DETAILS OF SOURCE OF FUNDING a) The Commission directs the Petitioner to submit copy of the detailed capital investment/perspective plan along with the communications made with CEA along with approval of competent authority. The details of the physical and financial milestones/targets along with progress achieved vis-à-vis the action plan on strengthening of transformation/ transmission capacity shall be submitted to the Commission in the next Petition. b) Provisions given under Regulation 8.5 of MYT Regulations shall be strictly followed by the Petitioner. c) The Petitioner shall submit a detailed report on physical and financial progress of the transmission projects in every six months before the Commission.</p>	<p>The Petitioner has noted the direction of the Hon'ble Commission. The Petitioner has submitted the requisite details of the Capital Investment and Capitalization plan along with details of the source of funding in Section 2.3 and Section 3.3 of this Petition. Further, the communication from the Power System Planning & Appraisal-I Division regarding the approval of the capital Investment Plan for Jammu region and Kashmir region of JKPTCL are enclosed as Annexure-4.</p>
3.	<p>VERIFICATION OF METERING STATUS, ENERGY ACCOUNTING AND ENERGY AUDIT a) The Petitioner is directed to submit the metering details according to interfaces of (a) generator and transmission system; (b) Inter-state</p>	<p>a) The Petitioner submitted the metering details as required vide letter no. CE/Trans/J/JKPTCL/T/8078-81 dated 14/12/2022 and has complied with the directions. b) The Petitioner has noted the direction of the Hon'ble Commission regarding</p>

Sr. No.	Directive	Compliance
	<p>system with Intra-state transmission system and (c) Intra-state transmission system with DISCOMs network at system operating voltage levels (i.e. 66 kV, 132 kV, 220 kV), within one month of issuance of this order.</p> <p>b) The Commission directs the Petitioner to submit a comprehensive plan for verification of metering and to conduct energy audit, within a period of three months after issuance of this Tariff Order.</p> <p>c) The Petitioner shall ensure that the copy of monthly energy accounts (Energy Accounting) and transmission losses at various voltage levels is submitted to the Commission on quarterly basis.</p> <p>d) The methodology to be followed by the Petitioner shall be submitted for approval of the Commission.</p> <p>e) The Petitioner shall also display the voltage-wise energy loss data on a monthly basis on its website.</p>	<p>comprehensive plan for verification of metering and to conduct energy audit. The Petitioner has approached Central Power Research Institute (CPRI) for undertaking the verification of metering and to conduct energy audit. The Communication correspondence in this regard is submitted as Annexure-5. The Petitioner will submit the comprehensive plan after appointment of the agency/ CPRI.</p> <p>c) The Petitioner submits that a copy of monthly energy accounts (Energy Accounting) and transmission losses at various voltage levels is being submitted to the Hon'ble Commission on a monthly basis. The Petitioner would submit the same on quarterly basis.</p> <p>d) The methodology for conducting energy audit and verification of the metering would be submitted to the Hon'ble Commission after appointment of agency/ CPRI.</p> <p>e) Before unbundling of JKPDD the website of JKPDD was maintained by the IT cell at JKPDD. Post unbundling JKPTCL does not have its own website. However, JKPTCL is working to start its own website on priority basis. JKPTCL would ensure to display the transmission loss related information on a monthly basis as soon as the website goes live.</p>
4.	<p>TRANSMISSION LOSS TRAJECTORY The Commission is of the view that with the envisaged capital investment there should be reduction in the transmission loss in the system. The Petitioner is directed to furnish a loss reduction trajectory along with systematic study in its Business Plan Petition.</p>	<p>Implementation of better technology i.e. replacement of Aluminum conductors with Steel Reinforcement (ACSR) conductors by High Temperature Low Sag (HTLS) conductors on various 132 kV transmission lines and using the same technology in the switching yard of grid stations. In view of coming up of new grid stations near load centers the length of 132 kV lines have been reduced minimizing the transmission losses on 132 kV lines. Systematic study to be done by CPRI.</p>
5.	<p>EVACUATION OF POWER The Petitioner is directed to submit to the Commission, the project-wise details</p>	<p>Two grid stations are under commissioning in the ISTS (400 kV level) one at Kishtwar (pooling station for Kiru, Kwar and Pakaldul</p>

Sr. No.	Directive	Compliance
	regarding the arrangements being made for evacuation of power from various upcoming projects, within six (6) months of issuance of this Tariff Order. The Petitioner should also review its transmission plan with respect development of renewable energy.	HEPs) and one at Siot. The evacuation of power from the power stations is planned by the CTU. However, down the line (220/ 132 kV level) from Kishtwar and Siot grid stations JKPTCL is planning the transmission lines. The same is already approved by the CEA in the transmission plan of JKPTCL. JKPTCL has already intimated the State Government for funding the said evacuation lines at 220/ 132 kV.
6.	GIS MAPPING ASSET MONITORING The Commission directs the Petitioner to take appropriate measures for bringing transmission system under the ambit of GIS mapping.	Geo co-ordinates of assets of JKPTCL i.e. grid stations and transmission lines have been collected, indexed, and compiled. Thus, JKPTCL's transmission system has been brought under the ambit of GIS mapping.
7.	TRANSMISSION SYSTEM AVAILABILITY The Commission directs the Petitioner to develop mechanism for determining transmission system availability. The procedure as specified in the CERC Tariff Regulations, 2019, for this purpose may be referred. The Commission also directs that in future APR/Tariff Petitions, the Transmission System Availability should invariably be supported by detailed computations and supporting data as per the procedure to be developed.	The Petitioner has noted the direction of the Hon'ble Commission. The Petitioner is in the process of institutionalizing the mechanism for collection of relevant information and calculation of transmission system availability for JKPTCL as per the CERC Tariff Regulations, 2019. The Petitioner will strive to submit transmission system availability in the APR/ True up Petition for FY 2023-24 and onwards based on collection of the relevant information and calculations as per the CERC Tariff Regulations 2019.
8.	TRAINING AND CAPACITY BUILDING The Commission is of the view that training and capacity building of the employees of the Petitioner at all levels is of prime importance. The Petitioner should ensure that trainings become an integral part of the system and a plan should be chalked out to ensure employees are trained adequately. The employees should be trained in new emerging areas.	The Petitioner has noted the direction of the Hon'ble Commission. The trainings and capacity building initiatives are rolled out by the Chief electrical inspector of JKPDD.
9.	PEAK AND AVERAGE LOADING OF TRANSMISSION ELEMENTS The Commission directs the Petitioner to adhere to the Manual of CEA on Transmission Planning Criteria to avoid any overloading operation of transmission elements. The Commission	The Petitioner submits that, it follows the provisions as per Manual of CEA on Transmission Planning criteria to avoid any overloading of transmission elements. The Petitioner strives to achieve maximum short-circuit level on any new substation bus, not to exceed 80% of the rated short circuit capacity of the substation.

Sr. No.	Directive	Compliance
	directs the Petitioner to submit report on peak and average loading of various sub-stations installed in its jurisdiction.	The report on peak and average loading of various sub-stations of JKPTCL is attached as Annexure-6.
10.	<p>RECOVERY OF TARIFF</p> <p>The Petitioner is directed to take the necessary steps and execute the formal agreements with all users on immediate basis and furnish the information in this regard to the Commission.</p>	<p>The Petitioner has noted the direction of the Hon'ble Commission.</p> <p>The Petitioner has taken the matter on priority and a draft formal agreement has been drafted. The same has been forwarded to the Government authorities for approvals. The Petitioner will soon execute the agreement with JKPCCL (which is the sole transmission system user currently) and submit the executed agreement to the Hon'ble Commission in due course of time.</p>
11.	<p>INDEPENDENT OPERATION OF LOAD DISPATCH CENTER (LDC)</p> <p>It is pertinent to mention that Sections 31 to 33 of the Act clearly mentions the roles and responsibility of LDCs. LDCs shall be the apex body to ensure integrated operation of the power system, having wide responsibility. Therefore, the Petitioner shall do the planning in this regard including discussion with the Government.</p>	<p>The Petitioner has noted the direction of the Hon'ble Commission.</p> <p>The issue of forming a separate LDC was discussed in the JKPTCL's Board of Directors meeting. Based on the recommendations of the Board of Directors a committee has been appointed to recommend on this issue. The issue will be taken up with the Government based on the recommendations of the committee.</p>

6. Chapter 6: Prayers

- A. Accept and admit the petition for Business Plan for MYT control period from FY 2023-24 to FY 2025-26 which is in line with the principles laid by MYT Regulations 2018 as adopted and notified by Hon'ble Commission,
- B. Approve the business plan and MYT proposal for FY 2023-24 and FY 2025-26,
- C. Approve the proposed transmission tariff for FY 2023-24.
- D. Grant any other relief as the Hon'ble Commission may consider appropriate.
- E. The Petitioner craves leave of the Hon'ble Commission to allow further submission, addition and alteration to this petition as may be necessary from time to time.
- F. Condone any inadvertent omissions/errors/shortcomings and permit JKPTCL to add/change/modify/alter this filing and make further submissions as may be required at a future date.
- G. To pass any other Order as the Hon'ble Commission may deem fit and appropriate under the circumstances of the case and in the interest of justice.

List Annexures

Sr. No.	Annexure No.	Details
A.	Annexure-1	JKPTCL's Balance Sheet and Income Statement as on 31.03.2020
B.	Annexure-2	Consolidated expenditure of JKPTCL under major head '2801-Power Object Head: '028-Grant-in-Aid for the year 2020-21 ending 03/2021
C.	Annexure-3	Consolidated expenditure of JKPTCL under major head '2801-Power Object Head: '028-Grant-in-Aid for the year 2021-22 ending 03/2022
D.	Annexure-4	Communication from the Power System Planning & Appraisal-I Division regarding the approval of the capital Investment Plan for Jammu region and Kashmir region of JKPTCL
E.	Annexure-5	Communication with CPRI regarding conducting verification of metering and Energy Audit
F.	Annexure-6	6A: peak and average loading of various sub-stations of JKPTCL, Jammu region and 6B: peak and average loading of various sub-stations of JKPTCL, Kashmir region.
G.	Annexure-7	MYT Forms/ Formats