

33 KV	132/33 KV Imamganj	-	-	223.17	-	-	223.17
33 KV	132/33 KV Jagdishpur	-	-	441.85	-	-	441.85
33 KV	132/33 KV Jakkanpur	-	-	855.45	-	-	855.45
33 KV	132/33 KV Jehanabad	-	-	445.03	-	-	445.03
33 KV	132/33 KV Karamnasa	-	-	290.45	-	-	290.45
33 KV	132/33 KV Karbighaya	-	-	654.22	-	-	654.22
33 KV	132/33 KV Katra	-	-	954.47	-	-	954.47
33 KV	132/33 KV Kerpa	-	-	133.66	-	-	133.66
33 KV	132/33 KV Kochas	-	-	372.69	-	-	372.69
33 KV	132/33 KV Kudra	-	-	197.08	-	-	197.08
33 KV	132/33 KV Masaudhi	-	-	404.28	-	-	404.28
33 KV	132/33 KV Mithapur	-	-	605.06	-	-	605.06
33 KV	132/33 KV Mithapur (New)	-	-	75.16	-	-	75.16
33 KV	132/33 KV Mohania	-	-	372.73	-	-	372.73
33 KV	132/33 KV Mundeshwari(Bhab)	-	-	199.67	-	-	199.67
33 KV	132/33 KV Nabinagar	-	-	-	-	-	-
33 KV	132/33 KV Nalanda	-	-	255.21	-	-	255.21
33 KV	132/33 KV Nawada	-	-	671.45	-	-	671.45
33 KV	132/33 KV Paliganj	-	-	207.40	-	-	207.40
33 KV	132/33 KV Piro	-	-	124.63	-	-	124.63
33 KV	132/33 KV Rafiganj	-	-	406.81	-	-	406.81
33 KV	132/33 KV Rajgir	-	-	273.27	-	-	273.27
33 KV	132/33 KV Ramgarh	-	-	220.20	-	-	220.20
33 KV	132/33 KV Sasaram	-	-	477.05	-	-	477.05
33 KV	132/33 KV Shekhpura	-	-	384.85	-	-	384.85
33 KV	132/33 KV Sherghati	-	-	329.25	-	-	329.25
33 KV	132/33 KV Sonenagar	-	-	257.99	-	-	257.99
33 KV	132/33 KV Tehta	-	-	172.50	-	-	172.50
33 KV	132/33 KV Tekari	-	-	247.57	-	-	247.57
33 KV	132/33 KV Wajirganj	-	-	365.16	-	-	365.16
33 KV	132/33 KV Warsaliganj	-	-	338.62	-	-	338.62
33 KV	132/33KV Bihta	-	-	607.95	-	-	607.95
33 KV	220/132 KV Bihta(New)	-	-	230.28	-	-	230.28
33 KV	220/132 KV Khisersarai GIS(BG	-	-	170.21	-	-	170.21
33 KV	220/132 KV Nawada GIS (BGCI	-	-	215.53	-	-	215.53
33 KV	220/132 KV Sheikhpura GIS(BC	-	-	135.47	-	-	135.47
33 KV	220/132/33 KV ASTHAWAN	-	-	150.14	-	-	150.14
33 KV	220/132/33 KV Biharsharif(SG)	-	-	8.28	-	-	8.28
33 KV	220/132/33 KV Bodhgaya	-	-	800.12	-	-	800.12
33 KV	220/132/33 KV Dehri	-	-	455.15	-	-	455.15
33 KV	220/132/33 KV Digha (New)	-	-	0.04	-	-	0.04

33 KV	220/132/33 KV Fatuha	-	-	825.44	-	-	825.44
33 KV	220/132/33 KV Khagaul	-	-	1,168.53	-	-	1,168.53
33 KV	220/132/33 KV Pusouli	-	-	89.31	-	-	89.31
33 KV	220/132/33 KV Sipara	-	-	469.83	-	-	469.83
33 KV	220/132/33 KV Sonenagar (new)	-	-	166.05	-	-	166.05
33 KV	220/132/33 Karamnasa(New)	-	-	-	-	-	-
33 KV	Bhusaula (BGCL)	-	-	186.34	-	-	186.34
33 KV	DumraoN New(BGCL)	-	-	208.97	-	-	208.97
33 KV	Jakkanpur New (400 KV) BGCL	-	-	0.69	-	-	0.69
33 KV	Mokama BGCL	-	-	77.52	-	-	77.52
33 KV	Naubatpur (400 KV) BGCL	-	-	34.65	-	-	34.65
33 KV	132 KV Supaul	253.40	-	-	-	-	253.40
33 KV	132/33 KV Areraj	250.08	-	-	-	-	250.08
33 KV	132/33 KV Belsand	81.05	-	-	-	-	81.05
33 KV	132/33 KV Benipatti	302.22	-	-	-	-	302.22
33 KV	132/33 KV Benipur	94.54	-	-	-	-	94.54
33 KV	132/33 KV Bettiah	576.34	-	-	-	-	576.34
33 KV	132/33 KV Chakiya	329.34	-	-	-	-	329.34
33 KV	132/33 KV Chapra	460.85	-	-	-	-	460.85
33 KV	132/33 KV Dalsinghsarai	295.77	-	-	-	-	295.77
33 KV	132/33 KV Darbhanga	440.02	-	-	-	-	440.02
33 KV	132/33 KV Dhaka	493.32	-	-	-	-	493.32
33 KV	132/33 KV Dhanha (Thakraha)	41.73	-	-	-	-	41.73
33 KV	132/33 KV Ekma	232.70	-	-	-	-	232.70
33 KV	132/33 KV Gangwara	607.97	-	-	-	-	607.97
33 KV	132/33 KV Hathua	398.88	-	-	-	-	398.88
33 KV	132/33 KV Hazipur	922.02	-	-	-	-	922.02
33 KV	132/33 KV Jainagar	256.04	-	-	-	-	256.04
33 KV	132/33 KV Jandaha	464.08	-	-	-	-	464.08
33 KV	132/33 KV Jhanjharpur	145.74	-	-	-	-	145.74
33 KV	132/33 KV Kataya	171.46	-	-	-	-	171.46
33 KV	132/33 KV Kusheshwarsthan	254.03	-	-	-	-	254.03
33 KV	132/33 KV Madhubani	298.23	-	-	-	-	298.23
33 KV	132/33 KV Maharajganj	258.99	-	-	-	-	258.99
33 KV	132/33 KV Mahnar	122.68	-	-	-	-	122.68
33 KV	132/33 KV Motihari	742.50	-	-	-	-	742.50
33 KV	132/33 KV Muzaffarpur	741.48	-	-	-	-	741.48
33 KV	132/33 KV Narkatiaganj	143.07	-	-	-	-	143.07
33 KV	132/33 KV Nirmali	60.47	-	-	-	-	60.47
33 KV	132/33 KV Pakhridayal	65.33	-	-	-	-	65.33
33 KV	132/33 KV Pandaul	359.68	-	-	-	-	359.68

33 KV	132/33 KV Phulparas	214.88	-	-	-	-	214.88
33 KV	132/33 KV Pupri	189.62	-	-	-	-	189.62
33 KV	132/33 KV Raxaul	272.32	-	-	-	-	272.32
33 KV	132/33 KV Rosera	297.45	-	-	-	-	297.45
33 KV	132/33 KV Runisaidpur	243.31	-	-	-	-	243.31
33 KV	132/33 KV SKMCH	771.47	-	-	-	-	771.47
33 KV	132/33 KV Saharsa	394.03	-	-	-	-	394.03
33 KV	132/33 KV Shahpurpatori	200.54	-	-	-	-	200.54
33 KV	132/33 KV Sheetalpur	348.82	-	-	-	-	348.82
33 KV	132/33 KV Sheohar	227.12	-	-	-	-	227.12
33 KV	132/33 KV Simribakhtiyarpur	170.52	-	-	-	-	170.52
33 KV	132/33 KV Sitamarhi	707.13	-	-	-	-	707.13
33 KV	132/33 KV Siwan	793.19	-	-	-	-	793.19
33 KV	132/33 KV Sonebarsa	145.13	-	-	-	-	145.13
33 KV	132/33 KV Triveniganj	120.44	-	-	-	-	120.44
33 KV	132/33 KV Udakishenganj	333.09	-	-	-	-	333.09
33 KV	132/33 KV Vaishali	408.09	-	-	-	-	408.09
33 KV	132/33 Mushrakh	285.13	-	-	-	-	285.13
33 KV	132/33 Ramnagar	569.69	-	-	-	-	569.69
33 KV	132/33 Samastipur	750.73	-	-	-	-	750.73
33 KV	132/33 Siwan-New (Raghunath)	339.87	-	-	-	-	339.87
33 KV	132/33 Siwan-New (Raghunath)	-	-	-	-	-	-
33 KV	132/33 kV Valmikinagar	41.69	-	-	-	-	41.69
33 KV	132/33KV Raghapur	219.10	-	-	-	-	219.10
33 KV	220/132/33 KV Amnour GIS(BC)	427.43	-	-	-	-	427.43
33 KV	220/132/33 KV GORAUL	89.51	-	-	-	-	89.51
33 KV	220/132/33 KV Gopalganj	741.61	-	-	-	-	741.61
33 KV	220/132/33 KV Hazipur	-	-	-	-	-	-
33 KV	220/132/33 KV Laukahi	157.65	-	-	-	-	157.65
33 KV	220/132/33 KV Madhepura	396.47	-	-	-	-	396.47
33 KV	220/132/33 KV Motipur	310.14	-	-	-	-	310.14
33 KV	220/132/33 KV Musahari	529.77	-	-	-	-	529.77
33 KV	220/132/33 KV RAXAUL (NEW)	99.53	-	-	-	-	99.53
33 KV	220/132/33 KV Samastipur (new)	204.93	-	-	-	-	204.93
33 KV	132/33 KV Araria	313.12	-	-	-	-	313.12
33 KV	132/33 KV Araria	-	-	-	-	-	-
33 KV	132/33 KV Baisi	209.92	-	-	-	-	209.92
33 KV	132/33 KV Banka	-	-	436.56	-	-	436.56
33 KV	132/33 KV Banka(New)	-	-	108.87	-	-	108.87
33 KV	132/33 KV Banmankhi	199.36	-	-	-	-	199.36
33 KV	132/33 KV Barsoi	379.67	-	-	-	-	379.67



**FY 2027-28 (Projection)**

**Name of Transmission Licensee : BSPTCL & BGCL**

**Energy Delivered by Transmission licensee to the Distribution**

**Form No.- P2**

**Licensees/ Bulk consumers at interface points**

Voltage Level	Name of Sub-Station	Distribution Licensee / Bulk Consumer				Railway LTOA (MUs)	Total Energy Delivered (MUs)
		NBPDC (MUs)		SBPDC (MUs)			
		North Bihar	Railway	South Bihar	Railway		
220 KV	N/A	N/A	N/A	N/A	N/A	N/A	N/A
132 KV	132/33 KV Ara	-	-	-	-	71.10	71.10
132 KV	132/33 KV Aurangabad	-	-	156.93	-	-	156.93
132 KV	132/33 KV Banjari	-	-	47.76	-	-	47.76
132 KV	132/33 KV Bikramganj	-	-	-	9.36	-	9.36
132 KV	132/33 KV Chandauti(Gaya)	-	-	-	-	40.61	40.61
132 KV	132/33 KV Dumroan	-	-	-	-	70.11	70.11
132 KV	132/33 KV Hathidah	-	-	-	-	76.04	76.04
132 KV	132/33 KV Jehanabad	-	-	-	-	37.53	37.53
132 KV	132/33 KV Karamnasa	-	-	-	-	29.59	29.59
132 KV	132/33 KV Kudra	-	-	-	-	126.66	126.66
132 KV	132/33 KV Nalanda	-	-	-	36.63	-	36.63
132 KV	132/33 KV Rafiganj	-	-	0.37	-	142.46	142.82
132 KV	132/33 KV Rajgir	-	-	3.94	-	-	3.94
132 KV	132/33 KV Shekhpura	-	-	-	19.26	-	19.26
132 KV	132/33 KV Sherghati	-	-	0.30	-	-	0.30
132 KV	132/33 KV Sonenagar	-	-	-	-	176.85	176.85
132 KV	132/33 KV Wajirganj	-	-	-	41.46	-	41.46
132 KV	220/132/33 KV Bodhgaya	-	-	-	45.84	-	45.84
132 KV	220/132/33 KV Dehri	-	-	-	52.21	-	52.21
132 KV	220/132/33 KV Fatuha	-	-	180.62	-	80.87	261.49
132 KV	220/132/33 KV Khagaul	-	-	-	-	91.57	91.57
132 KV	132/33 KV Bettiah	-	20.73	-	-	-	20.73
132 KV	132/33 KV Chapra	-	-	-	-	80.17	80.17
132 KV	132/33 KV Dalsinghsarai	-	-	-	-	75.39	75.39
132 KV	132/33 KV Dhaka	-	22.17	-	-	-	22.17
132 KV	132/33 KV Hazipur	-	-	-	-	73.20	73.20
132 KV	132/33 KV Kataya	47.84	-	-	-	-	47.84
132 KV	132/33 KV Motihari	1.34	13.99	-	-	-	15.33
132 KV	132/33 KV Narkatiaganj	-	5.62	-	-	-	5.62
132 KV	132/33 KV Pandaul	-	39.69	-	-	-	39.69
132 KV	132/33 KV Rosera	1.74	14.92	-	-	-	16.67

132 KV	132/33 KV Runisaidpur	-	18.62	-	-	-	18.62
132 KV	132/33 KV Sheetalpur	-	11.02	-	-	-	11.02
132 KV	132/33 KV Siwan	-	-	-	-	46.33	46.33
132 KV	132/33 KV Vaishali	-	91.80	-	-	-	91.80
132 KV	132/33 Mushrakh	4.62	-	-	-	-	4.62
132 KV	132/33 Ramnagar	12.10	30.43	-	-	-	42.53
132 KV	132/33 Samastipur	-	-	-	-	124.80	124.80
132 KV	132/33 kV Valmikinagar	42.41	-	-	-	-	42.41
132 KV	220/132/33 KV Gopalganj	2.74	-	-	-	-	2.74
132 KV	220/132/33 KV Madhepura	-	-	-	-	40.18	40.18
132 KV	220/132/33 KV Motipur	-	-	-	-	24.61	24.61
132 KV	220/132/33 KV RAXAUL (NEW)	107.00	-	-	-	-	107.00
132 KV	132/33 KV Banka(New)	-	-	0.35	17.30	-	17.65
132 KV	132/33 KV Jamalpur	-	-	-	48.80	-	48.80
132 KV	132/33 KV Jamui	-	-	-	-	59.40	59.40
132 KV	132/33 KV Katihar	-	-	-	-	56.81	56.81
132 KV	132/33 KV Lakhisarai	-	-	-	-	65.07	65.07
132 KV	132/33 KV Naugachia	-	-	-	52.53	-	52.53
132 KV	132/33 KV Sabour	-	-	-	56.66	-	56.66
132 KV	132/33 KV Khagaria	-	-	-	-	53.35	53.35
132 KV	BTPS STAGE I	126.39	-	-	-	-	126.39
220 KV	220/132/33 KV Begusarai	92.75	-	-	-	-	92.75
33 KV	132/33 Board Colony	-	-	89.90	-	-	89.90
33 KV	132/33 KV Ara	-	-	933.70	-	-	933.70
33 KV	132/33 KV Ataula	-	-	472.67	-	-	472.67
33 KV	132/33 KV Aurangabad	-	-	673.39	-	-	673.39
33 KV	132/33 KV Banjari	-	-	165.98	-	-	165.98
33 KV	132/33 KV Barh	-	-	364.23	-	-	364.23
33 KV	132/33 KV Baripahari	-	-	762.43	-	-	762.43
33 KV	132/33 KV Belaganj	-	-	247.35	-	-	247.35
33 KV	132/33 KV Bikramganj	-	-	631.21	-	-	631.21
33 KV	132/33 KV Buxar	-	-	529.52	-	-	529.52
33 KV	132/33 KV Chandauti(Gaya)	-	-	840.90	-	-	840.90
33 KV	132/33 KV Digha	-	-	1,040.39	-	-	1,040.39
33 KV	132/33 KV Dumroan	-	-	568.97	-	-	568.97
33 KV	132/33 KV Ekangarsarai	-	-	490.75	-	-	490.75
33 KV	132/33 KV Gaighat	-	-	1,038.02	-	-	1,038.02
33 KV	132/33 KV Goh	-	-	286.23	-	-	286.23
33 KV	132/33 KV Harnaut	-	-	456.69	-	-	456.69
33 KV	132/33 KV Hathidah	-	-	216.80	-	-	216.80
33 KV	132/33 KV Hulasganj	-	-	328.19	-	-	328.19

33 KV	132/33 KV Imamganj	-	-	245.49	-	-	245.49
33 KV	132/33 KV Jagdishpur	-	-	486.03	-	-	486.03
33 KV	132/33 KV Jakkanpur	-	-	940.99	-	-	940.99
33 KV	132/33 KV Jehanabad	-	-	489.54	-	-	489.54
33 KV	132/33 KV Karamnasa	-	-	319.49	-	-	319.49
33 KV	132/33 KV Karbighaya	-	-	719.65	-	-	719.65
33 KV	132/33 KV Katra	-	-	1,049.92	-	-	1,049.92
33 KV	132/33 KV Kerpa	-	-	147.02	-	-	147.02
33 KV	132/33 KV Kochas	-	-	409.96	-	-	409.96
33 KV	132/33 KV Kudra	-	-	216.79	-	-	216.79
33 KV	132/33 KV Masaudhi	-	-	444.71	-	-	444.71
33 KV	132/33 KV Mithapur	-	-	665.57	-	-	665.57
33 KV	132/33 KV Mithapur (New)	-	-	82.68	-	-	82.68
33 KV	132/33 KV Mohania	-	-	410.00	-	-	410.00
33 KV	132/33 KV Mundeshwari(Bhab)	-	-	219.64	-	-	219.64
33 KV	132/33 KV Nabinagar	-	-	-	-	-	-
33 KV	132/33 KV Nalanda	-	-	280.73	-	-	280.73
33 KV	132/33 KV Nawada	-	-	738.60	-	-	738.60
33 KV	132/33 KV Paliganj	-	-	228.13	-	-	228.13
33 KV	132/33 KV Piro	-	-	137.09	-	-	137.09
33 KV	132/33 KV Rafiganj	-	-	447.49	-	-	447.49
33 KV	132/33 KV Rajgir	-	-	300.59	-	-	300.59
33 KV	132/33 KV Ramgarh	-	-	242.21	-	-	242.21
33 KV	132/33 KV Sasaram	-	-	524.75	-	-	524.75
33 KV	132/33 KV Shekhpura	-	-	423.33	-	-	423.33
33 KV	132/33 KV Sherghati	-	-	362.17	-	-	362.17
33 KV	132/33 KV Sonenagar	-	-	283.79	-	-	283.79
33 KV	132/33 KV Tehta	-	-	189.75	-	-	189.75
33 KV	132/33 KV Tekari	-	-	272.32	-	-	272.32
33 KV	132/33 KV Wajirganj	-	-	401.68	-	-	401.68
33 KV	132/33 KV Warsaliganj	-	-	372.48	-	-	372.48
33 KV	132/33KV Bihta	-	-	668.75	-	-	668.75
33 KV	220/132 KV Bihta(New)	-	-	253.31	-	-	253.31
33 KV	220/132 KV Khisersarai GIS(BG)	-	-	187.23	-	-	187.23
33 KV	220/132 KV Nawada GIS (BGCI)	-	-	237.08	-	-	237.08
33 KV	220/132 KV Sheikhpura GIS(BG)	-	-	149.02	-	-	149.02
33 KV	220/132/33 KV ASTHAWAN	-	-	165.15	-	-	165.15
33 KV	220/132/33 KV Biharsharif(SG)	-	-	9.11	-	-	9.11
33 KV	220/132/33 KV Bodhgaya	-	-	880.14	-	-	880.14
33 KV	220/132/33 KV Dehri	-	-	500.66	-	-	500.66
33 KV	220/132/33 KV Digha (New)	-	-	0.04	-	-	0.04

33 KV	220/132/33 KV Fatuha	-	-	907.98	-	-	907.98
33 KV	220/132/33 KV Khagaul	-	-	1,285.39	-	-	1,285.39
33 KV	220/132/33 KV Pusouli	-	-	98.24	-	-	98.24
33 KV	220/132/33 KV Sipara	-	-	516.82	-	-	516.82
33 KV	220/132/33 KV Sonenagar (new)	-	-	182.66	-	-	182.66
33 KV	220/132/33 Karamnasa(New)	-	-	-	-	-	-
33 KV	Bhusaula (BGCL)	-	-	204.97	-	-	204.97
33 KV	DumraoN New(BGCL)	-	-	229.87	-	-	229.87
33 KV	Jakkanpur New (400 KV) BGCL	-	-	0.76	-	-	0.76
33 KV	Mokama BGCL	-	-	85.27	-	-	85.27
33 KV	Naubatpur (400 KV) BGCL	-	-	38.11	-	-	38.11
33 KV	132 KV Supaul	278.74	-	-	-	-	278.74
33 KV	132/33 KV Areraj	275.09	-	-	-	-	275.09
33 KV	132/33 KV Belsand	89.16	-	-	-	-	89.16
33 KV	132/33 KV Benipatti	332.45	-	-	-	-	332.45
33 KV	132/33 KV Benipur	104.00	-	-	-	-	104.00
33 KV	132/33 KV Bettiah	633.98	-	-	-	-	633.98
33 KV	132/33 KV Chakiya	362.27	-	-	-	-	362.27
33 KV	132/33 KV Chapra	506.93	-	-	-	-	506.93
33 KV	132/33 KV Dalsinghsarai	325.35	-	-	-	-	325.35
33 KV	132/33 KV Darbhanga	484.02	-	-	-	-	484.02
33 KV	132/33 KV Dhaka	542.66	-	-	-	-	542.66
33 KV	132/33 KV Dhanha (Thakraha)	45.90	-	-	-	-	45.90
33 KV	132/33 KV Ekma	255.97	-	-	-	-	255.97
33 KV	132/33 KV Gangwara	668.77	-	-	-	-	668.77
33 KV	132/33 KV Hathua	438.77	-	-	-	-	438.77
33 KV	132/33 KV Hazipur	1,014.22	-	-	-	-	1,014.22
33 KV	132/33 KV Jainagar	281.64	-	-	-	-	281.64
33 KV	132/33 KV Jandaha	510.48	-	-	-	-	510.48
33 KV	132/33 KV Jhanjharpur	160.31	-	-	-	-	160.31
33 KV	132/33 KV Kataya	188.61	-	-	-	-	188.61
33 KV	132/33 KV Kusheshwarsthan	279.43	-	-	-	-	279.43
33 KV	132/33 KV Madhubani	328.05	-	-	-	-	328.05
33 KV	132/33 KV Maharajganj	284.89	-	-	-	-	284.89
33 KV	132/33 KV Mahnar	134.95	-	-	-	-	134.95
33 KV	132/33 KV Motihari	816.75	-	-	-	-	816.75
33 KV	132/33 KV Muzaffarpur	815.63	-	-	-	-	815.63
33 KV	132/33 KV Narkatiaganj	157.37	-	-	-	-	157.37
33 KV	132/33 KV Nirmali	66.52	-	-	-	-	66.52
33 KV	132/33 KV Pakhridayal	71.87	-	-	-	-	71.87
33 KV	132/33 KV Pandaul	395.65	-	-	-	-	395.65



33 KV	132/33 KV Phulparas	236.37	-	-	-	-	236.37
33 KV	132/33 KV Pupri	208.58	-	-	-	-	208.58
33 KV	132/33 KV Raxaul	299.55	-	-	-	-	299.55
33 KV	132/33 KV Rosera	327.20	-	-	-	-	327.20
33 KV	132/33 KV Runisaidpur	267.64	-	-	-	-	267.64
33 KV	132/33 KV SKMCH	848.61	-	-	-	-	848.61
33 KV	132/33 KV Saharsa	433.43	-	-	-	-	433.43
33 KV	132/33 KV Shahpurpatori	220.60	-	-	-	-	220.60
33 KV	132/33 KV Sheetalpur	383.70	-	-	-	-	383.70
33 KV	132/33 KV Sheohar	249.83	-	-	-	-	249.83
33 KV	132/33 KV Simribakhtiyarpur	187.58	-	-	-	-	187.58
33 KV	132/33 KV Sitamarhi	777.84	-	-	-	-	777.84
33 KV	132/33 KV Siwan	872.51	-	-	-	-	872.51
33 KV	132/33 KV Sonebarsa	159.64	-	-	-	-	159.64
33 KV	132/33 KV Triveniganj	132.48	-	-	-	-	132.48
33 KV	132/33 KV Udakishenganj	366.40	-	-	-	-	366.40
33 KV	132/33 KV Vaishali	448.90	-	-	-	-	448.90
33 KV	132/33 Mushrakh	313.64	-	-	-	-	313.64
33 KV	132/33 Ramnagar	626.66	-	-	-	-	626.66
33 KV	132/33 Samastipur	825.80	-	-	-	-	825.80
33 KV	132/33 Siwan-New (Raghunath)	373.86	-	-	-	-	373.86
33 KV	132/33 Siwan-New (Raghunath)	-	-	-	-	-	-
33 KV	132/33 kV Valmikinagar	45.86	-	-	-	-	45.86
33 KV	132/33KV Raghopur	241.01	-	-	-	-	241.01
33 KV	220/132/33 KV Amnour GIS(BC)	470.18	-	-	-	-	470.18
33 KV	220/132/33 KV GORAUL	98.46	-	-	-	-	98.46
33 KV	220/132/33 KV Gopalganj	815.77	-	-	-	-	815.77
33 KV	220/132/33 KV Hazipur	-	-	-	-	-	-
33 KV	220/132/33 KV Laukahi	173.42	-	-	-	-	173.42
33 KV	220/132/33 KV Madhepura	436.12	-	-	-	-	436.12
33 KV	220/132/33 KV Motipur	341.16	-	-	-	-	341.16
33 KV	220/132/33 KV Musahari	582.75	-	-	-	-	582.75
33 KV	220/132/33 KV RAXAUL (NEW)	109.48	-	-	-	-	109.48
33 KV	220/132/33 KV Samastipur (new)	225.43	-	-	-	-	225.43
33 KV	132/33 KV Araria	344.43	-	-	-	-	344.43
33 KV	132/33 KV Araria	-	-	-	-	-	-
33 KV	132/33 KV Baisi	230.91	-	-	-	-	230.91
33 KV	132/33 KV Banka	-	-	480.21	-	-	480.21
33 KV	132/33 KV Banka(New)	-	-	119.76	-	-	119.76
33 KV	132/33 KV Banmankhi	219.30	-	-	-	-	219.30
33 KV	132/33 KV Barsoi	417.63	-	-	-	-	417.63



BIHAR STATE POWER TRANSMISSION COMPANY LIMITED

Details of Electrical Accidents

Form No.: P3

Type of Accident	FY 2023-24		FY 2024-25	
	No. of Accidents		No. of Accidents	
	FATAL	NON FATAL	FATAL	NON FATAL
Human	1	Nil	0	Nil
Other, if any (please Specify)	Nil	Nil	Nil	Nil
<b>Total</b>	<b>1</b>	<b>Nil</b>	<b>0</b>	<b>Nil</b>

Signature of Petitioner

Sl. No.	Detail	FY 2023-24				FY 2024-25			
		total No. of feeders	No. of tripping	Total Duration of Trippings (hrs.)	Average duration of interruption per feeder	total No. of feeders	No. of tripping	Total Duration of Trippings (hrs.)	Average duration of interruption per feeder
1	Feeder Voltage Level (400 KV)	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A
2	Feeder Voltage Level (220 KV)	62	139	53hrs.	19minutes	79	128	41hrs.	16minutes
3	Feeder Voltage Level (132 KV)	578	1156	269hrs.	15minutes	395	579	106hrs.	11minutes

Signature of Petitioner

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

Major System Disturbances

Form No. P5 revised

Sl. No.	Disturbances	FY 2023-24		FY 2024-25	
		Number	Total Duration (Hrs.)	Number	Total Duration (Hrs.)
A	Disturbances when DISCOM supply has been effected for more than 1 hr.				
i	Due to 220 KV transformer failure	4	14hrs.	2	7hrs.
ii	Due to 220 KV transmission line failure	18	37hrs.	4	13hrs.
Sl. No.	Disturbances				
iii	Due to 132 KV transformer failure	9	22hrs.	3	5hrs.
iv	Due to 132 KV transmission line failure	23	41hrs.	7	16hrs.
v	Due to 132 KV sub - station equipment (CT, CVT etc.) failure	6	17hrs.	–	–
B	Estimated unserved energy due to such interruptions				
		3668MWH		1145MWH	
C	Other Transmission disturbances when DISCOM supply has got effected				
		645MWH		278MWH	

Signature of Petitioner

BIHAR STATE POWER TRANSMISSION COMPANY LIMITED

Frequency variation

Form No. : P6

Sl. No.	Frequency	FY 2023-24 Actual		FY 2024-25 (till Sep 2024)	
		No. of Hours	As percentage of total hours in the year (%)	No. of Hours	As percentage of total hours in the year (%)
1	Above 50.5 Hz	0.00	0.00%	0.00	0.00%
2	50.5-50.2 Hz	22.75	0.26%	22.00	0.50%
3	50.2-49.8 Hz	8698.50	99.03%	4356.50	99.19%
4	49.8 - 49.5 Hz	62.75	0.71%	13.50	0.31%
5	49.5-49.0 Hz	0.00	0.00%	0.00	0.00%
6	49.0-48.5 Hz	0.00	0.00%	0.00	0.00%
7	Below 48.5 Hz	0.00	0.00%	0.00	0.00%

Signature of Petitioner

S.No	Name of GSS	Transformation capacity	Reactive Compensation provided	FY 2023-24						FY 2024-25					
				Time during which voltage in an year						Time during which voltage in an year(till Sep 2024)					
				More than upper		Between upper &		Less than lower		More than upper		Between upper &		Less than lower	
Hrs	%age	Hrs	%age	Hrs	%age	Hrs	%age	Hrs	%age	Hrs	%age	Hrs	%age		
1	220 kV BUS-I		NA	68.85	0.79	8691.15	99.21	0.00	0.00	47.60	1.08	4344.40	98.92	0.00	0.00
2	220 kV BUS-II			68.85	0.79	8691.15	99.21	0.00	0.00	47.60	1.08	4344.40	98.92	0.00	0.00
3	132 kV		NA	0.00	0.00	8691.67	99.22	67.45	0.77	62.39	1.42	4328.69	98.56	0.92	0.02

Note : Upper/Lower voltage limit: +/- 5% of Rated voltage  
Data obtained from SCADA(ULDC)

Signature of Petitioner

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

**Licensee wise Load shedding carried out during the year**

**Form No: P8**

FY 2022-23			
S.No.	Particulars	NBPDCL	SBPDCL
	<b>Load shedding during the Year (In Hrs.)</b>		
<b>1</b>	<b>On SLDC's instructions</b>		
a	To control excess drawal	912	1054
b	To control equipment damage	18	7
c	Under force majeure conditions	30	22
<b>2</b>	<b>Due to maintenance or outage of own network</b>	<b>48</b>	<b>35</b>
<b>3</b>	<b>Any other reason</b>	<b>950</b>	<b>1012</b>
	<b>Total load shedding for the Year</b>	<b>1958</b>	<b>2130</b>

FY 2023-24			
S. No.	Particulars	NBPDCL	SBPDCL
	<b>Load shedding during the Year (In Hrs.)</b>		
<b>1</b>	<b>On SLDC's instructions</b>		
a	To control excess drawal	1088	1367
b	To control equipment damage	19	24
c	Under force majeure conditions	34	21
<b>2</b>	<b>Due to maintenance or outage of own network</b>	<b>32</b>	<b>44</b>
<b>3</b>	<b>Any other reason</b>	<b>1295</b>	<b>1545</b>
	<b>Total load shedding for the Year</b>	<b>2468</b>	<b>3001</b>



FY 2024-25		(Upto September 2024)	
S.No.	Particulars	NBPDCL	SBPDCL
	<b>Load shedding during the Year (In Hrs.)</b>		
<b>1</b>	<b>On SLDC's instructions</b>		
a	To control excess drawal	248.00	395.00
b	To control equipment damage	6.00	_
c	Under force majeure conditions	10.00	3.00
<b>2</b>	<b>Due to maintenance or outage of own network</b>	4.00	1.50
<b>3</b>	<b>Any other reason</b>	265.00	388.00
	<b>Total load shedding for the Year</b>	533	787.5

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

Details of Overloaded feeders

Form No. : P9

S. No	Voltage level	No. of feeders	Feeder length (ckt. Km)	No. of feeders overloaded	Line length Overloaded feeders (ckt. Km)	% number of overloaded feeders in Area	%length of overloads of feeders in Area
<b>FY 2023-24</b>							
<b>1</b>	<b>220 KV</b>						
i)	BSPTCL	107	5257	11	573.55	10.28%	10.91%
<b>2</b>	<b>132 KV</b>						
i)	BSPTCL	396	12295	69	2591.26	17.42%	21.08%
<b>FY 2024-25</b>							
<b>1</b>	<b>220 KV</b>						
i)	BSPTCL	111	5512	10	562	9.01%	10.19%
<b>2</b>	<b>132 KV</b>						
i)	BSPTCL	404	13431	67	2504	16.58%	18.65%

Signature of Petitioner

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

Details of overloaded Transformers

Form No. :P10

Sr No	GSS	Transformer capacity (MVA)	Rated Transformer capacity (in MW)	peak load (in MW)	% loading of transformer
<b>List of 220/132/33 kv transformers</b>					
1	Darbhanga 220 kV	3x150	360	380.44	106
2	Biharsharif	2x100+1x200	320	319.53	100
3	Gopalganj	2x160	256	246.59	96
4	Samastipur 220 kV	5x100	400	350.05	88
5	Fatuha	2x160	256	205.82	80
<b>List of Overloaded 132/33 kv transformers</b>					
1	Hulasganj 132/33kV	3x20	48	51.02	106
2	Hajipur 132/33kV	3x50	120	117.37	98
3	Dumraon 132/33kV	2x50	80	77.19	96
4	Sherghati 132/33kV	2x20+1x50	72	68.48	95
5	Bodhgaya 220/132/33kV	3x50	120	113.42	95
6	Goh 132/33kV	3x20	48	44.92	94
7	Purnea 132/33kV	3x50	120	112.3	94
8	Simri Bakhtiyarpur 132/33kV	2x20	32	29.29	92
9	Tehta 132/33kV	2x20	32	28.9	90
10	Jamui Old 132/33kV	2x50+1x20	96	85.57	89
11	Siwan 132/33kV	3x50	120	104.81	87
12	Shahpur Patori 132/33kV	2x20	32	27.95	87
13	Tarapur 132/33kV	2x20	32	27.67	86
14	Chakia 132/33kV	1x50+1x20	56	48.4	86
15	Ramnagar 132/33kV	2x50+1x20	96	82.63	86
16	Banka Old 132/33kV	2x20+1x50	72	61.78	86
17	Chandauti 132/33kV	3x50	120	102.62	86
18	Sitamarhi 132/33kV	3x50	120	101.91	85
19	Lakhisarai 132/33kV	2x50+1x20	96	81.28	85
20	Madhepura 220/132/33kV	2x20+1x50	72	60.92	85
21	SKMCH 132/33kV	3x50	120	101.48	85
22	Muzaffarpur 132/33kV	3x50	120	101.21	84
23	Araria 132/33kV	2x50	80	67.09	84
24	Ataulah 132/33kV	2x50	80	67.05	84
25	Bettiah 132/33kV	2x50+1x20	96	80.3	84
26	Gopalganj 220/132/33kV	3x50	120	99.81	83
27	Manihari 132/33kV	2x20	32	26.61	83
28	Dalsinghsarai 132/33kV	3x20	48	39.88	83

29	Fatuha 220/132/33kV	3x50	120	99.1	83
30	Kudra 132/33kV	3x20	48	39.51	82
31	Jainagar 132/33kV	3x20	48	39	81
32	Mushahari 220/132/33kV	3x50	120	96.76	81
33	Katihar 132/33kV	3x20+1x50	88	70.41	80
34	Ekangarsarai 132/33kV	3x20+1x50	88	70.15	80
35	Gopalganj	3X50	120	100	0.83
36	Kudra	3X20	48	40	0.83
37	Sasaram	1X50+2X20	72	60	0.83
38	Fatuha	3X50	120	99	0.83
39	Motihari	3X50	120	98	0.82
40	Jainagar	3X20	48	39	0.81

**Failure of Transformers**

S. No.	FY 2023-24(Actual)					FY 2024-25 (Upto Sept. 2024)				
	Transformation ratio	Total No. of Transformers	No. of failures	Total Duration of failure (hrs.)	Remarks	Transformation ratio	Total No. of Transformers	No. of failures	Total Duration of failure (hrs.)	Remarks
1	220/132/33KV Transformers	N/A	N/A	N/A		220/132/33KV Transformers	N/A	N/A	N/A	
	<b>Total</b>	N/A	N/A	N/A		<b>Total</b>	N/A	N/A	N/A	
	220/132 KV Transformers	70	11	523		220/132 KV Transformers	70	10	527.02	In Fatuha GSS 100 MVA T3 is in Process of repairing.
	<b>Total</b>					<b>Total</b>				
	132/33 KV Transformers	397	41	3381.06		132/33 KV Transformers	410	26	1268.26	
	<b>Total</b>	-	-	-		<b>Total</b>	-	-	-	

Signature of Petitioner

Name of Transmission Licensee

BIHAR STATE POWER TRANSMISSION COMPANY LIMITED

Key Ratios

Form No: P12

S. No	Particulars	Previous Year	Current Year	Ensuing Years	Ensuing Years	Ensuing Years
		FY 2023-24	FY 2024-25	FY 2025-26	FY 2026-27	FY 2027-28
<b>A</b>	<b>Financial &amp; Material Management</b>					
1	Annual capital expenditure/net book value	11%	8%	15%	13%	8%
2	Total Transmission cost/Energy Transmitted	359,621.77	379,665.12	463,399.89	493,265.48	529,155.12
3	Employee cost as a percentage of total cost	0.16	0.16	0.15	0.14	0.13
4	Operating expenses / Revenue from Transmission of power	0.33	0.24	0.23	0.22	0.21
5	Cost of capital invested	8.88%	8.88%	10.68%	10.68%	10.68%
6	Debt Service Coverage Ratio	1.09	1.47	1.50	1.75	1.32
7	Cost of total Stores Inventory/100 Km of transmission lines	-	-	-	-	-
9	Working Capital to Revenue from Transmission of power	2.06%	1.61%	1.17%	1.16%	1.15%
<b>B</b>	<b>HR Management</b>					
1	Energy Transmitted (MU) per Employee	0.0000186	0.0000191	0.0000153	0.0000149	0.0000146
2	Total line length/employee (cKm.)	7.94	7.95	6.09	5.63	5.24
3	Connected Load per Employee (MVA)	12.10	12.23	9.37	8.67	8.07
4	Transmission Income per Employee (Rs. Cr)	0.53	0.76	0.71	0.73	0.77
5	Training participation days per employee	-	-	-	-	-
<b>C</b>	<b>Operational Performance</b>					
1	Unplanned outage/total outage (Fault breakdown / total outage)					
2	Annual replacement rate of Transmission transformers (%): (Transmission Transformers replaced / Transformers in service)					

Signature of Petitioner

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 1-1: GSS & Power Transformer Capacity in MVA

Sub-Station	FY 2023-24		FY 2024-25	
	(Upto March, 2024)		(Upto Sept, 2024)	
	No. of GSS	Capacity (MVA)	No. of GSS	Capacity (MVA)
220/132 KV	25	10,540	25	10,640
132/33 KV	130	16,210	133	17,040
<b>Total</b>	155	26,750	158	27,680

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 1-2: Transmission Line Length in Ckt Km

Transmission Line	FY 2023-24	FY 2024-25
	(Upto March, 2024)	(Upto Sept, 2024)
220 KV	5,257.24	5,518.04
132 KV Double Circuit	12,294.98	12,468.19



**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-1: Actual Transmission Loss of BSPTCL

<b>Particulars</b>	<b>Approved in Tariff Order dated 21st March 2023</b>	<b>Claimed in Truing-up of FY 2023-24</b>
Energy Input (in MU)		41,089.61
Energy Output (in MU)		40,029.63
Transmission Loss (in MU)		1,059.98
Transmission Loss (%)	3.00%	2.58%

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-2: Capital Expenditure and Capitalization (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>Approved in Tariff Order dated 21st March 2023</b>	<b>Claimed in Truing-up of FY 2023-24</b>
1	Opening CWIP (A)	2,980.06	3,426.34
2	Capital Investment during the Year (B)	803.63	1,015.24
3	Less: Capitalization (C)	2,311.51	1,337.13
4	Less: IDC Capitalized (D)	0.00	134.22
5	Closing CWIP (A+B-C-D)	1,472.18	2,970.23

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-3: Reconciliation of Capitalization (Asset Addition) (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2023-24 Actual</b>
1	Capitalization of Asset (Excluding Land)	1,319.49
2	Add: Land	17.64
	Add: IDC	134.22
3	<b>Gross GFA additions as per Audited Accounts</b>	<b>1,471.35</b>
4	Less: Disposal/Sale/Transfer of Assets	5.64
5	<b>Net GFA addition as per Audited Accounts</b>	<b>1,465.70</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-4: Gross Fixed Asset claimed in True-up (Rs. Crore)

Sl. No.	Particulars	FY 2023-24	
		Approved in Tariff Order dated 21st March 2023	Claimed in Truing-up of FY 2023-24
1	Opening GFA (A)	12,429.21	12,101.28
2	Add: Addition to GFA (excluding Land & IDC) (B)	2,311.51	1,319.49
3	Add: Direct Addition to GFA (C)	0.00	0.00
4	Add: Net Value of Land (D)	0.00	17.64
5	Less: Disposal/Sale/Transfer of Asset (E)	0.00	5.64
6	Add: Interest During Construction (F)	0.00	134.22
7	<b>Closing GFA (A+B+C+D-E+F)</b>	<b>14,740.72</b>	<b>13,566.98</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-5: Scheme wise Capitalisation (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>Claimed in Truing-up of FY 2023-24</b>
1	Schemes under State Plan	998.05
2	Schemes under BRGF	3.10
3	Schemes under IRF	39.31
4	Schemes under ADB	0.00
5	Schemes under Deposit Works	103.07
6	Schemes under PSDF	0.00
7	Schemes under Special Central Fund	193.60
	<b>Total Scheme-wise Capitalization</b>	<b>1,337.13</b>
8	Interest during Construction (IDC)	134.22
	<b>Total Capitalization transferred from CWIP</b>	<b>1,471.35</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-6: Depreciation considered in Truing-up (Rs. Crore)

Sl. No.	Particulars	Approved in Tariff Order dated 21st March 2023	Claimed in Truing-up of FY 2023-24
1	Opening GFA	12,429.21	12,101.28
2	Less: Value of Land	1,468.52	1,533.57
3	Value of GFA net of Land (1-2)	10,960.69	10,567.71
4	Addition during the Year (excluding land and IDC)	2,311.51	1,319.49
5	Add: IDC	0.00	134.22
6	Less: Adjustment for assets sold/ disposed	0.00	5.64
7	Closing GFA (3+4+5-6)	13,272.20	12,015.77
8	Average GFA	12,116.45	11,291.74
9	Weighted average rate of depreciation on opening GFA	4.55%	5.24%
10	Weighted average rate of depreciation on addition during the year	2.77%	2.63%
11	Depreciation ((3*9)+(4+5-6)*10))	562.79	592.12
12	Opening Grants**	2,105.33	2,117.35
13	Assets capitalised funded through grants	469.21	0.00
14	Assets capitalised through deposit works	0.00	103.07
15	Total Grants**	2,574.54	2,220.42
16	Average Grants**	2,339.94	2,168.88
17	Weighted average rate of depreciation on opening GFA	4.55%	5.24%
18	Weighted average rate of depreciation on addition during the year	2.77%	2.63%
19	Depreciation on Grants ((12*17) + (13+14) *18))	108.80	113.71
20	<b>Net Depreciation considered in ARR (11-19)</b>	<b>453.99</b>	<b>478.41</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-7: Loan and Equity additions (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2023-24 Actual</b>
1	Capitalization during FY 2021-22	1,471.35
2	Less: Grant & Deposit Works	103.07
3	Net Capitalization	1,368.28
4	<b>12th Plan Projects</b>	
5	Equity Considered	1.74
6	Debt Considered	4.05
7	<b>13th Plan Projects</b>	
8	Equity Considered	291.86
9	Debt Considered	1,070.63
10	<b>Total Equity addition considered</b>	<b>293.59</b>
11	<b>Total Debt addition considered</b>	<b>1,074.68</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-8: Interest on Loan (Rs. Crore)

Sl. No.	Particulars	FY 2023-24	
		Approved in Tariff Order dated 21st March 2023	Claimed in Truing-up of FY 2023-24
1	Opening Loan	4,670.62	4,339.92
2	Addition during the year	1,482.56	1,074.68
3	Normative Repayment (Equal to Depreciation)	453.99	478.41
4	Closing Loan (1+2-3)	5,699.19	4,936.20
5	Average Loan	5,184.90	4,638.06
6	Interest Rate (%)	7.87%	9.25%
7	Interest on Loan	408.05	429.16
8	Other Finance Charges	0.16	0.01
<b>9</b>	<b>Interest and Finance Charges (7+8)</b>	<b>408.21</b>	<b>429.16</b>

408.21

429.16

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Sl. No.	Particulars	Amount Outstanding (Rs. Crore)	Applicable Interest
1	Loans from Financial Institutions	3,200.00	8.72%
2	Loans from ADB	464.13	13.00%
<b>Weighted Average Interest Rate</b>			<b>9.25%</b>



**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-9: Base value norms for Employee Expenses

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2023-24</b>
1	Number of personnel per Ckt/Km (55%)	0.0823
2	Number of personnel per substation (45%)	7.2218
3	Annual expenses per personnel (Rs. Lakh)	8.8320

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-10: CPI Inflation

Particulars	Actual				
	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Annual Average CPI	323	339	356	378	397
CPI Inflation		5.02%	5.13%	6.05%	
<b>Average CPI Inflation for last three years</b>					<b>5.40%</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-11: Normative Employee expenses (Rs. Crore)

Sl. No.	Particulars	Base Norm	FY 2023-24	
			Approved in Tariff Order dated 21st March 2023	Claimed in Truing-up of FY 2023-24
1	Average annual CPI index		5.89%	5.40%
2	Norms-Number of personnel per Ckt/Km	0.0823	0.0823	0.0823
3	Norms-Number of personnel per substation	7.2218	7.2218	7.2218
4	Transmission line in Ckt Km		16,608	17,552
5	No. of Substations		150	155
6	Norms-Annual expenses per personnel (Rs. Lakh)	8.8320	9.90	9.3090
7	Employee Cost (Number of personnel per Ckt/Km basis) (2*4*6)/100 (Rs. Crore)		135.36	134.47
8	Employee Cost (Number of personnel per substaion basis) (3*5*6)/100 (Rs. Crore)		107.28	104.20
9	<b>Total Employee cost for the year (7+8) (Rs. Crore)</b>		242.64	238.68

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-12: Normative R&amp;M expenses (Rs. Crore)

Sl. No.	Particulars	FY 2023-24	
		Approved in Tariff Order dated 21st March 2023	Claimed in Truing-up of FY 2023-24
1	Opening GFA (Net of Land)	10,960.69	10,567.71
2	% of GFA	0.70%	0.70%
3	R&M Expenses for the Year	76.72	73.97

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-13: Base value norms for A&G Expenses

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2023-24 Actual</b>
1	A&G Expenses per personnel (Rs. Lakh)	1.0104
2	A&G Expenses per substation (Rs. Lakh)	13.6600

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-14: CPI: WPI Inflation

Particulars	Actual				
	FY 2019-20	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24
Annual Average CPI Index	323	339	356	378	
CPI Inflation		5.02%	5.13%	6.05%	5.40%
Annual Average WPI Index	122	123	139	153	
WPI Inflation		1.29%	13.00%	9.41%	7.90%
<b>Average WPI : CPI (60:40) Inflation for preceding three years</b>					<b>6.90%</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-15: Normative A&amp;G Expenses (Rs. Crore)

Sl. No.	Particulars	Base Norms	FY 2023-24	
			Approved in Tariff Order dated 21st March 2023	Claimed in Truing-up of FY 2023-24
1	Average annual CPI&WPI index		5.89%	6.90%
2	Norms-A&G Expenses per personnel (Rs. Lakh)	1.0104	1.1590	1.0801
3	Norms-A&G Expenses per substation (Rs. Lakh)	13.6600	15.2180	14.6025
4	No. of Employees		2,200.00	2,211.00
5	No. of Substations		150.00	155.00
6	A&G Expenses (No. of employees basis) (2*4) (Rs. Crore)		25.49	23.88
7	A&G Expenses (No. of substations basis) (3*5) (Rs. Crore)		22.83	22.63
8	<b>Total A&amp;G Expenses for the year (Rs. Crore) (6+7)</b>		<b>48.32</b>	<b>46.52</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-16: Normative O&amp;M Expenses (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2023-24 Actual</b>
1	Employee Expenses	238.68
2	R&M Expenses	73.97
3	A&G Expenses	46.52
4	Holding Cost Expenses	24.50
	<b>Total O&amp;M Expenses</b>	<b>383.66</b>



**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-17: Actual Employee expenses (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2023-24 Actual</b>
1	Salaries	134.40
2	Overtime	6.79
3	Dearness Allowance	61.46
4	Other Allowance	21.30
5	Medical Expenses Re-imburement	1.36
6	Staff welfare Expenses	0.30
7	Terminal Benefit	93.77
	<b>Total Other Employee Cost</b>	<b>319.37</b>
8	Less: Employee cost of SLDC	6.36
	<b>Total Actual Employee Cost of BSPTCL</b>	<b>313.01</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-18: Actual R&amp;M expenses (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2023-24 Actual</b>
1	Plant and Machinery	28.25
2	Building	7.82
3	Civil Works	6.13
4	Hydraulic Works	0.00
5	Line Cable Networks	9.99
6	Vehicles	0.00
7	Furniture & Fixture	0.10
8	Office Equipment	4.64
<b>9</b>	<b>Total R&amp;M Expenses</b>	<b>56.93</b>
10	Less: R&M Cost of SLDC	2.83
<b>11</b>	<b>Total R&amp;M Expenses of BSPTCL</b>	<b>54.10</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-19: Actual A&amp;G expenses (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2023-24 Actual</b>
1	Rent, rates & taxes	0.13
2	Insurance	5.24
3	Telephone, postage & Telegrams	0.55
4	Legal Charges	0.00
5	Audit Charges	0.08
6	Consultancy fees	1.01
7	Director's Sitting Fee	0.00
8	Interest on Statutory Dues	0.00
9	Holding Charges	0.00
10	Other professional charges	0.01
11	Conveyance & travel expenses	14.93
12	Fees & Subscription	1.80
13	Books & Periodicals	0.02
14	Printing & Stationary	0.42
15	Advertisement	1.02
16	Expenditure on CSR	6.16
17	Electricity & Water charges	15.61
18	Freight	0.00
19	Entertainment Charges	0.36
20	Commission for sale of scrap	0.19
21	Home Guard/ Security Guard	11.07
22	Miscellaneous Expenses	1.45
23	Contribution to CM Relief Fund-Company	10.00
24	Compensation/Injuries/Dath/Damages	1.01
25	Loss Due to Cyclon/Flood/Theft	0.00
26	Store Handling Exp.	0.00
27	Loss on sale of Scrap	0.00
28	CST/VAT on demand	0.00
29	Total expenses	71.04
30	<b>Less SLDC Expenses</b>	<b>1.04</b>
31	<b>Total Actual A&amp;G Expenses</b>	<b>70.00</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-20: Actual O&amp;M expenses (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2023-24 Actual</b>
1	Employee Expenses	313.01
2	R&M Expenses	54.10
3	A&G Expenses	70.00
	<b>Total O&amp;M Expenses</b>	<b>437.11</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-21: Holding Company Expenses (Rs Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>Approved in Tariff Order dated 21st March 2023</b>	<b>Claimed in Truing-up of FY 2023-24</b>
1	Holding Company Expenses	16.40	24.50

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-22: Return on Equity (Rs. Crore)

Sl. No.	Particulars	FY 2023-24	
		Approved in Tariff Order dated 21st March 2023	Claimed in Truing-up of FY 2023-24
1	Equity as on 31.03.2015	375.41	375.41
2	Rate of Return on Equity	10.00%	8.00%
3	Tax/MAT Rate %	17.47%	17.47%
4	Pre-tax Rate of Return on Equity (2/(1-3))	12.12%	9.69%
5	Return on Equity (1*4)	45.49	36.39
6	Opening Equity	1,974.55	1,937.20
7	Addition during the year	359.74	293.59
8	Closing Equity (6+7)	2,334.29	2,230.79
9	Average Equity (6+8)/2	2,154.42	2,084.00
10	Rate of Return on Equity	10.00%	8.00%
11	Tax/MAT Rate %	17.47%	17.47%
12	Pre-tax Rate of Return on Equity (10/(1-11))	12.12%	9.69%
13	Return on Equity (9*12)	261.12	202.02
14	<b>Total Return on Equity (5+13)</b>	<b>306.61</b>	<b>238.41</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-23: Average One-year MCLR rate of Interest

<b>Apr-23</b>	<b>May-23</b>	<b>Jun-23</b>	<b>Jul-23</b>	<b>Aug-23</b>	<b>Sep-23</b>	<b>Oct-23</b>	<b>Nov-23</b>	<b>Dec-23</b>	<b>Jan-24</b>	<b>Feb-24</b>	<b>Mar-24</b>
8.50%	8.50%	8.50%	8.50%	8.55%	8.55%	8.55%	8.55%	8.55%	8.65%	8.65%	8.65%
<b>Weighted Average One-Year MCLR Interest Rate</b>											<b>8.57%</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-24: Interest on Working Capital (Rs. Crore)

Sl. No.	Particulars	FY 2023-24	
		Approved in Tariff Order dated 21st March 2023	Claimed in Truing-up of FY 2023-24
1	Receivables equivalent to two (2) months of Transmission Charges	252.66	246.28
2	O&M Expenses of one month	32.01	31.97
3	Maintenance spares@ 40% of R&M Expenses for one month	2.56	2.47
4	Less: RoE, and Contribution to Contingency Reserves for 2 months	51.10	39.73
5	<b>Total Working Capital</b>	<b>236.11</b>	<b>240.98</b>
6	Rate of Interest on working Capital (%)	9.55%	10.07%
7	<b>Interest on Working Capital to be claimed</b>	<b>22.55</b>	<b>24.26</b>



**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-25: Month-wise Transmission Availability

<b>Apr-23</b>	<b>May-23</b>	<b>Jun-23</b>	<b>Jul-23</b>	<b>Aug-23</b>	<b>Sep-23</b>	<b>Oct-23</b>	<b>Nov-23</b>	<b>Dec-23</b>	<b>Jan-24</b>	<b>Feb-24</b>	<b>Mar-24</b>
99.24%	99.43%	98.66%	98.59%	99.51%	99.48%	99.53%	99.60%	99.20%	99.30%	99.24%	99.68%

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-26: Incentive Computation on Transmission Availability (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>Claimed in Truing-up of FY 2023-24</b>
1	Transmission Availability for FY 2023-24	99.29%
2	Target Availability	98.50%
3	Additional Achievement	0.79%
4	Annual Transmission Charges	1,477.67
5	<b>Incentive for Target Availability</b>	<b>11.65</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-28: Non-Tariff Income (Rs. Crore)

Sl. No.	Particulars	FY 2023-24	
		Approved in Tariff Order dated 21st March 2023	Claimed in Truing-up of FY 2023-24
1	Income from sale of Scrap		7.18
2	Lease Rental Income		0.00
3	Deffered Income		0.00
4	Interest Income		68.94
5	Other Transmission/Open Access Charges		9.08
6	Income from Tax Refund		0.80
7	Supervision Charges		13.71
8	Interest on Loan and Advances to Staff		0.00
9	STU Charges		0.43
10	Miscellaneous Receipts		2.74
11	Application fee Received		0.04
12	Administrative Charges - Deposit Head		1.26
	<b>Total Non-Tariff Income</b>	<b>59.46</b>	<b>104.17</b>

59.46

104.17

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Sl. No.	Particulars	FY 2023-24	
		Approved in Tariff Order dated 21st March 2023	Claimed in Truing-up of FY 2023-24
1	Income From Other Business		9.45
2	Expenses of Other Business		0.00
3	Net Gain/(Loss) from Other Business (1-2)	0.00	9.45
4	Sharing of Gain (50% of Gain) as per Order dated 05.03.2024 (Case No. 27/2023)		4.72
5	<b>Net Amount pass through Tariff</b>	<b>0.00</b>	<b>4.72</b>

4.72

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**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-29: Sharing of Losses / (Gains) (Rs. Crore)

Sl. No.	Particulars	Normative Expenses (A)	Actual Expenses (B)	Loss / (Gains) (C= (B-A))	Losses / (Gains) to be retained	Losses / (Gains) to be passed
1	Employee Expenses	238.68	313.01	74.33	37.17	37.17
2	R&M Expenses	73.97	54.10	(19.87)	(9.93)	(9.93)
3	A&G Expenses	46.52	70.00	23.49	11.74	11.74
<b>4</b>	<b>Total O&amp;M Expenses</b>	<b>359.17</b>	<b>437.11</b>	<b>77.95</b>	<b>38.97</b>	<b>38.97</b>

Sharing of Losses / (Gains) on O&M expenses for FY 2023-24 (Rs. Crore)

Sl. No.	Particulars	Basis	Claimed in True up
1	Normative Expenses	A	359.17
2	Actual Expenses	B	437.11
3	Losses/ (Gains)	C=B-A	77.95
4	Losses/ (Gains) to be passed on as adjustment in Tariff	D=50% of C	38.97
5	Net sharing Losses/ (Gains) on O&M Expenses	E=D	38.97

Sharing of Losses / (Gains) on Interest on Working capital for FY 2023-24 (Rs. Crore)

Sl. No.	Particulars	Basis	Claimed in True up
1	Normative Interest on Working Capital	A	24.26
2	Actual Interest on Working Capital	B	0.00
3	Interest on Working Capital Losses/ (Gains)	C=B-A	(24.26)
4	50% of gains to be retained by the Licensee	D=50% of C	(12.13)
5	50% of gain to be passed through as an adjustment in Tariff	E=50% of C	(12.13)

Sharing of Losses / (Gains) on Interest on Incentives on Transmission Availability Factor for FY 2023-24 (Rs. Crore)

Sl. No.	Particulars	Basis	Claimed in True up
1	Incentives on Transmission Availability Factor	A	11.65
2	50% of gains to be on account of Licensee	B=50% of A	5.82
3	50% of gains to be passed-on as adjustment through Tariff	C=50% of A	5.82

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-30: Revenue from Transmission Charges (Rs. Crore)

Sl. No.	Particulars	FY 2023-24	
		Approved in Tariff Order dated 21st March 2023	Claimed in Truing-up of FY 2023-24
1	Revenue from NBPDCCL		532.71
2	Revenue from SBPDCL		625.35
3	Revenue from Railways		18.56
4	<b>Total Revenue from Transmission Charges</b>	<b>1,176.62</b>	<b>1,176.62</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 2-31: Revenue Gap/(Surplus) (Rs. Crore)

Sl. No.	Particulars	FY 2023-24	
		Approved in Tariff Order dated 21st March 2023	Claimed in Truing-up of FY 2023-24
1	Employee Expenses	242.64	238.68
2	R&M Expenses	76.72	73.97
3	A&G Expenses	48.32	46.52
4	Share of Holding Company Expenses	16.40	24.50
5	<b>Total O&amp;M Expenses</b>	<b>384.08</b>	<b>383.66</b>
6	Return on Equity	306.61	238.41
7	Depreciation	453.99	478.41
8	Interest on Loan Capital and Finance Charges	408.21	429.16
9	Interest on Working Capital	22.55	24.26
10	Incentive for Transmission Availability	0.00	11.65
11	Add: Sharing of Losses/(Gains) on O&M expenses	0.00	38.97
12	Add: Sharing of Losses/(Gains) on Interest on Working Capital	0.00	(12.13)
13	Add: Sharing of Losses/(Gains) on Incentives on Transmission Availability Factor	0.00	(5.82)
14	<b>Total Expenditure</b>	<b>1,575.45</b>	<b>1,586.57</b>
15	Less: Non-Tariff Income	59.46	104.17
16	Less: Income From Other Business (OPGW Cable)	0.00	4.72
17	<b>Net ARR for Transmission</b>	<b>1,515.98</b>	<b>1,477.67</b>
18	Add: Revenue Gap/(Surplus) of FY 2021-22 as approved by BERC Tariff Order dated: 21st March 2023	(339.36)	(339.36)
19	Revenue earned from Transmission Charges	1,176.62	1,176.62
20	<b>Revenue Gap/(Surplus)</b>	<b>(0.00)</b>	<b>(38.31)</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-2: Capital Expenditure and Capitalization (Rs. Crore)

Sl. No.	Particulars	FY 2024-25	
		Approved in Tariff Order dated 1st March 2024	Claimed in APR FY 2024-25
1	Opening CWIP (A)	1,886.13	2,970.23
2	<b>Investment during the Year (B)</b>	<b>645.17</b>	<b>791.82</b>
3	<b>Less: Capitalization ('C)</b>	<b>1,696.10</b>	<b>1,530.79</b>
4	<b>Less: IDC (D)</b>	<b>0.00</b>	<b>0.00</b>
5	Closing CWIP (A+B-C-D)	835.20	2,231.26

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-3: Gross Fixed Asset claimed in APR (Rs. Crore)

Sl. No.	Particulars	FY 2024-25	
		Approved in Tariff Order dated 1st March 2024	Claimed in APR FY 2024-25
1	Opening GFA	14,889.18	13,566.98
2	Add: Addition to GFA from CWIP (excluding IDC)	1,696.10	1,530.79
3	Add: IDC	0.00	0.00
4	Add: Land Cost	0.00	0.00
5	<b>Closing GFA</b>	<b>16,585.28</b>	<b>15,097.77</b>



**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-4: Depreciation considered in APR (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>Approved in Tariff Order dated 1st March 2024</b>	<b>Claimed in APR FY 2024-25</b>
1	Depreciable GFA net of Land	13,410.18	12,015.77
2	Addition during the year (excluding IDC)	1,696.10	1,530.79
3	Add: IDC	0.00	0.00
4	Closing GFA	15,106.28	13,546.56
5	Average GFA	14,258.23	12,781.16
6	Weighted average rate of depreciation on opening depreciable GFA	5.09%	5.24%
7	Weighted average rate of depreciation on addition to depreciable GFA	2.65%	2.63%
8	Depreciation	727.52	670.21
9	Opening Grants	2,234.39	2,220.42
10	Grants during the year including deposit works	9.60	19.52
11	Total Grants	2,243.99	2,239.94
12	Weighted average rate of depreciation on opening Grants	5.09%	5.24%
13	Weighted average rate of depreciation on additional Grants	2.65%	2.63%
14	Depreciation on Asset created out of Grants	113.98	116.91
<b>15</b>	<b>Net Depreciation considered for Review</b>	<b>613.54</b>	<b>553.29</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-5: Loan and Equity additions (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2024-25 Estimate</b>
1	Capitalization during FY 2024-25	1,530.79
2	Less: Grant and Deposit Works	19.52
3	Net Capitalization (A)	1,511.28
<b>4</b>	<b>12th Plan Projects</b>	
5	Equity Considered	0.27
6	Debt Considered	0.62
<b>7</b>	<b>13th Plan &amp; Other Projects</b>	
8	Equity Considered	339.35
9	Debt Considered	1,171.04
<b>10</b>	<b>Total Equity addition considered</b>	<b>339.62</b>
<b>11</b>	<b>Total Debt addition considered</b>	<b>1,171.66</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-6: Weighted Average Interest rate

<b>Sl. No.</b>	<b>Particulars</b>	<b>Amount Outstanding (Rs. Crore)</b>	<b>Applicable Interest Rate</b>
1	Loans from Financial Institution	3,326.00	8.72%
2	Loans from ADB	464.13	13.00%
<b>Weighted Average Interest Rate</b>			<b>9.25%</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-7: Interest on Loan (Rs. Crore)

Sl. No.	Particulars	FY 2024-25	
		Approved in Tariff Order dated 1st March 2024	Claimed in APR FY 2024-25
1	Opening Loan (A)	6,001.76	4,936.20
2	Addition during the year	1,336.64	1,171.66
3	Normative Repayment (Equal to Depreciation)	613.54	553.29
4	Closing Loan	6,724.86	5,554.56
5	Average Loan	6,363.31	5,245.38
6	Interest Rate (%)	8.22%	9.25%
7	Interest on Loan	522.79	485.35
8	Other Finance Charges	1.04	0.01
9	<b>Interest and Finance Charges (7+8)</b>	<b>523.83</b>	<b>485.36</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-8: Base value norms for Employee Expenses

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2024-25 Estimate</b>
1	Number of personnel per Ckt/Km (55%)	0.0823
2	Number of personnel per substation (45%)	7.2218
3	Annual expenses per personnel (Rs. Lakh)	9.3090

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-9: Transmission Line, No. of sub-stations and Number of Employees

<b>Sl. No.</b>	<b>Particulars</b>	<b>As on Sept. 2024 (Actual)</b>
1	Transmission Line in Ckt. Km	17,986
2	No. of Sub-stations	158
3	Number of Employees	2,263

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-10: CPI Inflation

Particulars					Estimate
	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25
Annual Average CPI Index	339	356	378	397	
CPI Inflation		5.13%	6.05%	5.19%	5.46%

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-11: Employee Expenses (Rs. Cr.)

Sl. No.	Particulars	Base Norms	FY 2024-25	
			Approved in Tariff Order dated 1st March 2024	Claimed in APR FY 2024-25
1	CPI Inflation		5.89%	5.46%
2	Norms-Number of personnel per ckt. Km	0.082	0.0823	0.0823
3	Norms-Number of personnel per substation	7.222	7.222	7.2218
4	Transmission line length in ckt. Km		17,312	17,986
5	No. of Sub-stations		153	158
6	Norms-Annual expenses per personnel (Rs. lakh)	9.309	10.390	9.817
7	Employee cost (Number of personnel per ckt. Km (2*4*6)/100 (Rs. Crore)		148.03	145.32
8	Employee cost (Number of personnel per substation (3*5*6)/100 (Rs. Crore)		114.80	112.02
9	<b>Total Employee cost for the year (7+8)(Rs. Crore)</b>		<b>262.83</b>	<b>257.33</b>



**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

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Table: 3-12: R&amp;M expenses (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>Approved in Tariff Order dated 1st March 2024</b>	<b>Claimed in APR FY 2024-25</b>
1	Opening GFA (Net of Land)	13,410.18	12,015.77
2	% of GFA	0.70%	0.70%
3	<b>R&amp;M Expenses on Opening GFA (1*2)</b>	<b>93.87</b>	<b>84.11</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-13: Base value norms for A&G Expenses

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2024-25</b>
1	A&G Expenses per Personnel (Rs. Lakh)	1.0801
2	A&G Expenses per Sub-station (Rs. Lakh)	14.6025

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-14: CPI : WPI Inflation

Particulars	Actual				Estimate
	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2024-25
Annual Average CPI Index	339	356	378	397	
<b>CPI Inflation</b>		5.13%	6.05%	5.19%	<b>5.46%</b>
Annual Average WPI Index	123	139	153	153	
<b>WPI Inflation</b>		<b>13.00%</b>	<b>9.41%</b>	<b>0.00%</b>	<b>7.47%</b>
<b>WPI : CPI(60:40)</b>					<b>6.66%</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-15: A&amp;G Expenses (Rs. Crore)

Sl. No.	Particulars	Base Value	FY 2024-25	
			Approved in Tariff Order dated 1st March 2024	Claimed in APR FY 2024-25
1	Average annual WPI & CPI Index		6.90%	6.66%
2	Norms-A&G Expenses per personnel	1.0801	1.2540	1.1521
3	Norms-A&G Expenses per substation (Rs. Lakh)	14.6025	16.4765	15.5755
4	No. of Employees		2,172.00	2,263.00
5	No. of Sub-stations		153.00	158.00
6	A&G Expenses (No. of employees) (2*4) (Rs. Crore)		27.25	26.07
7	A&G Expenses (No of substations) (3*5) (Rs. Crore)		25.21	24.61
8	<b>Total A&amp;G Expenses for the year (Rs. Crore) (6+7)</b>		<b>52.46</b>	<b>50.68</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-16: Holding Company Expenses (Rs Crore)

Sl. No.	Particulars	Approved in Tariff Order dated 1st March 2024	Claimed in APR FY 2024- 25
1	Holding Company Expenses	16.08	24.50

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-17: Operation and Maintenance Expenses (Rs. Crore)

Sl. No.	Particulars	FY 2024-25	
		Approved in Tariff Order dated 1st March 2024	Claimed in APR FY 2024-25
1	Employee Expenses	262.83	257.33
2	Repairs and Maintenance Expenses	93.87	84.11
3	Administration and General Expenses	52.46	50.68
4	Holding Company Expenses	16.08	24.50
5	<b>Total Operation and Maintenance Expenses</b>	<b>425.24</b>	<b>416.62</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-18: Return on Equity for (Rs. Crore)

Sl. No.	Particulars	FY 2024-25	
		Approved in Tariff Order dated 1st March 2024	Claimed in APR FY 2024-25
1	Opening Equity as on 1.4.2015	375.41	375.41
2	Rate of Return on Equity	8.00%	8.00%
3	Tax/MAT rate %	17.47%	17.47%
4	Rate of Return on Equity (Pre-tax)	9.69%	9.69%
5	Return on Equity (1*4)	36.38	36.39
	<b>Equity on projects commissioned w.e.f. 1.4.2015</b>		
6	Opening Equity	2,442.53	2,230.79
7	Addition during the year	349.86	339.62
8	Closing Equity (6+7)	2,792.39	2,570.41
9	Average Equity	2,617.46	2,400.60
10	Rate of Return on Equity	8.00%	8.00%
11	Tax/MAT rate %	17.47%	17.47%
12	Rate of Return on Equity (Pre-tax)	9.69%	9.69%
13	Return on Equity (9*12)	253.63	232.71
14	<b>Total Return on Equity (5+13)</b>	<b>290.01</b>	<b>269.10</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-19: Interest on Working Capital (Rs. Crore)

Sl. No.	Particulars	FY 2024-25	
		Approved in Tariff Order dated 1st March 2024	Claimed in APR FY 2024-25
1	Receivables equivalent to two (2) months of Transmission Charges	300.26	273.01
2	O&M Expenses of one month	35.44	34.72
3	Maintenance spares @ 40% of 1-month R&M expenses	3.13	2.80
4	Less: RoE and Contribution to Contingency Reserve for 2 months	48.34	44.85
	<b>Total Working Capital</b>	<b>290.49</b>	<b>265.68</b>
5	Interest on Working Capital (%)	10.05%	10.45%
6	<b>Interest on Working Capital</b>	<b>29.19</b>	<b>27.76</b>



**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-20: Non-Tariff Income (Rs. Crore)

Sl. No.	Particulars	FY 2024-25	
		Approved in Tariff Order dated 1st March 2024	Claimed in APR FY 2024-25
1	Non-Tariff Income of FY 2022-23	75.47	104.17
2	Escalation (%)	5.00%	5.00%
3	Increase	3.77	5.21
4	<b>Non-Tariff Income for the Year</b>	<b>79.25</b>	<b>109.38</b>

79.25 109.38

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Sl. No.	Particulars	FY 2024-25	
		Approved in Tariff Order dated 1st March 2024	Claimed in APR FY 2024-25
1	Sharing of Gain from Other Business (OPGW Cable)	0.00	4.72

4.72

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**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-21: Annual Transmission Charges/ARR of Transmission Business (Rs. Crore)

Sl. No.	Particulars	FY 2024-25	
		Approved in Tariff Order dated 1st March 2024	Claimed in APR FY 2024-25
1	<b>O&amp;M expenses (a+ b+ c+ d)</b>	<b>425.24</b>	<b>416.62</b>
	a. Employee cost	262.83	257.33
	b. R&M expenses	93.87	84.11
	c. A&G Expenses	52.46	50.68
	d. Holding Company expenses	16.08	24.50
2	Depreciation	613.54	553.29
3	Interest on Loan Capital	523.83	485.36
4	Interest on Working Capital	29.19	27.76
5	Return on Equity	290.01	269.10
6	Less: Non-Tariff Income	79.25	109.38
7	Less: Income From Other Business (OPGW Cable)	1.03	4.72
8	<b>ARR for Transmission</b>	<b>1,801.54</b>	<b>1,638.03</b>
9	<b>Add: Revenue Gap/(Surplus) of Previous Year</b>	<b>(80.70)</b>	<b>(80.70)</b>
10	<b>Net ARR</b>	<b>1,720.84</b>	<b>1,557.33</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 3-22: Revenue Gap/(Surplus) (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>Approved in Tariff Order dated 1st March 2024</b>	<b>Claimed in APR FY 2024-25</b>
1	<b>Revised ARR for Transmission</b>	1,801.54	1,638.03
2	<b>Add: Revenue Gap/(Surplus) of FY 2022-23 alongwith Holding Cost</b>	(80.70)	(80.70)
3	Revenue approved in Tariff Order of FY 2024-25	1,720.84	1,720.84
4	<b>Revenue Gap/(Surplus)</b>	<b>0.00</b>	<b>(163.51)</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 4-1: Capital Expenditure and Capitalization (Rs. Crore)

Sl. No.	Particulars	Projected in MYT ARR FY 2025-26	Projected in MYT ARR FY 2026-27	Projected in MYT ARR FY 2027-28
1	Opening CWIP (A)	2,231.26	2,032.77	2,038.39
2	Investment during the Year (B)	1,682.18	1,691.75	1,213.75
3	Less: Capitalization (C)	1,880.67	1,686.13	2,505.23
4	Less: IDC (D)	0.00	0.00	0.00
5	<b>Closing CWIP (A+B-C-D)</b>	<b>2,032.77</b>	<b>2,038.39</b>	<b>746.91</b>

2,032.77                      2,038.39                      746.91

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Particulars	Projected in MYT ARR FY 2025-26	Projected in MYT ARR FY 2026-27	Projected in MYT ARR FY 2027-28
Transmission Loss (%)	3.00%	3.00%	3.00%

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 4-2: Gross Fixed Asset projected (Rs. Crore)

Sl. No.	Particulars	Projected in MYT ARR FY 2025-26	Projected in MYT ARR FY 2026-27	Projected in MYT ARR FY 2027-28
1	Opening GFA	15,097.77	16,978.45	18,664.58
2	Add: Additions to GFA from CWIP (excl. IDC)	1,880.67	1,686.13	2,505.23
3	Add: IDC	0.00	0.00	0.00
4	Add: Land Cost	0.00	0.00	0.00
5	<b>Closing GFA</b>	<b>16,978.45</b>	<b>18,664.58</b>	<b>21,169.81</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 4-3: Depreciation considered in ARR (Rs. Crore)

Sl. No.	Particulars	Projected in MYT ARR FY 2025-26	Projected in MYT ARR FY 2026-27	Projected in MYT ARR FY 2027-28
1	Value of GFA net of Land	13,546.56	15,427.23	17,113.36
2	Addition during the year (excluding land and IDC)	1,880.67	1,686.13	2,505.23
3	Add: IDC	0.00	0.00	0.00
4	Closing GFA	15,427.23	17,113.36	19,618.59
5	Average GFA	14,486.90	16,270.30	18,365.98
6	Weighted average rate of depreciation on opening depreciable GFA	5.24%	5.24%	5.24%
7	Weighted average rate of depreciation on addition to depreciable GFA	2.63%	2.63%	2.63%
8	Depreciation	759.67	853.13	963.10
9	Opening Grants	2,239.94	2,346.59	2,346.59
10	Grants during the year	106.65	0.00	0.00
11	Total Grants	2,346.59	2,346.59	2,346.59
12	Average Grants	2,293.26	2,346.59	2,346.59
13	Weighted average rate of depreciation on opening Grants	5.24%	5.24%	5.24%
14	Weighted average rate of depreciation on additional Grants	2.63%	2.63%	2.63%
15	Depreciation on Asset created out of Grants	120.23	123.01	123.01
16	<b>Net Depreciation considered in ARR (9-15)</b>	<b>639.44</b>	<b>730.12</b>	<b>840.08</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 4-4: Loan and Equity additions (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2025-26 Projections</b>	<b>FY 2026-27 Projections</b>	<b>FY 2027-28 Projections</b>
1	Gross Capitalization	1,880.67	1,686.13	2,505.23
2	Less: Deposit Work and Grants	106.65	0.00	0.00
3	Net Capitalization	1,774.02	1,686.13	2,505.23
4	<b>13th Plan Projects</b>			
5	Equity Considered	0.00	0.00	0.00
6	Debt Considered	0.00	0.00	0.00
7	<b>New Projects for the Control Period of FY 2025-26 to FY 2027-28</b>			
8	Equity Considered	378.67	344.02	501.05
9	Debt Considered	1,395.35	1,342.11	2,004.18
10	<b>Total</b>			
11	<b>Total Equity addition Considered</b>	<b>378.67</b>	<b>344.02</b>	<b>501.05</b>
12	<b>Total Debt addition Considered</b>	<b>1,395.35</b>	<b>1,342.11</b>	<b>2,004.18</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 4-5: Interest on Loan (Rs. Crore)

Sl. No.	Particulars	Projected in MYT ARR FY 2025-26	Projected in MYT ARR FY 2026-27	Projected in MYT ARR FY 2027-28
1	Opening Loan	5,554.56	6,310.47	6,922.47
2	Addition during the year	1,395.35	1,342.11	2,004.18
3	Normative Repayment (Equal to Depreciation)	639.44	730.12	840.08
4	Closing Loan	6,310.47	6,922.47	8,086.57
5	Average Loan	5,932.52	6,616.47	7,504.52
6	Interest Rate (%)	9.25%	9.25%	9.25%
7	Interest on Loan	548.93	612.22	694.39
8	Other Finance Charges	0.01	0.01	0.01
9	<b>Interest and Finance Charges (7+8)</b>	<b>548.94</b>	<b>612.22</b>	<b>694.39</b>



**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 4-6: Base value norms for Employee Expenses

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2025-26 Projections</b>	<b>FY 2026-27 Projections</b>	<b>FY 2027-28 Projections</b>
1	Number of personnel per ckt. km (55%)	0.0737	0.0737	0.0737
2	Number of personnel per substation (45%)	6.6580	6.6580	6.6580
3	Annual expenses per personnel (Rs. Lakh)	12.4193	13.0968	13.8114

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 4-7: Transmission Line, No. of sub-stations and No. of employees

<b>Sl. No.</b>	<b>Particulars</b>	<b>As on Mar, 2026 (Projected)</b>	<b>As on Mar, 2027 (Projected)</b>	<b>As on Mar, 2028 (Projected)</b>
1	Transmission Line in ckt. Km	17,986	17,986	17,986
2	No. of sub-stations	158	158	158
3	No. of employees	2,954	3,193	3,432

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 4-8: CPI Inflation considered in ARR

Particulars	Actual				Projected
	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2025-26 to FY 2027-28
Annual Average CPI Index	339	356	378	397	
CPI Inflation		5.13%	6.05%	5.19%	5.46%

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 4-9: Employee Expenses (Rs. Cr.)

Sl. No.	Particulars	Base Norms considered for FY 2025-26	Projected in MYT ARR FY 2025-26	Projected in MYT ARR FY 2026-27	Projected in MYT ARR FY 2027-28
1	Average annual CPI Inflation		5.46%	5.46%	5.46%
2	Norms-Number of personnel per ckt. Km	0.074	0.0737	0.0737	0.0737
3	Norms-Number of personnel per substation	6.6580	6.6580	6.6580	6.6580
4	Transmission line length in ckt. Km		17,986	17,986	17,986
5	No. of Sub-stations		158	158	158
6	Norms-Annual expenses per personnel (Rs. lakh)	12.4193	13.0968	13.8114	14.5649
7	Employee cost (Number of personnel per ckt. Km (2*4*6)/100 (Rs. Crore)		173.63	183.10	193.09
8	Employee cost (Number of personnel per substation (3*5*6)/100 (Rs. Crore)		137.77	145.29	153.22
9	<b>Total Employee cost for the year (7+8) (Rs. Crore)</b>		<b>311.40</b>	<b>328.39</b>	<b>346.30</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 4-10: R&amp;M Expenses (Rs. Crore)

Sl. No.	Particulars	Projected in MYT ARR FY 2025- 26	Projected in MYT ARR FY 2026- 27	Projected in MYT ARR FY 2027- 28
1	Opening GFA (net of Land)	13,546.56	15,427.23	17,113.36
2	% on GFA	0.50%	0.50%	0.50%
3	<b>R&amp;M Expenses on Opening GFA (1*2)</b>	<b>67.19</b>	<b>76.52</b>	<b>84.88</b>

**BIHAR STATE POWER TRANSMISSION COMPANY LIMITED**

MYT Petition for the Control Period of FY 2025-26 to FY 2027-28

Table: 4-11: Base value norms for A&G Expenses

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2025-26 Projection</b>	<b>FY 2026-27 Projection</b>	<b>FY 2027-28 Projection</b>
1	A&G Expenses per personnel (Rs. Lakh)	1.3700	1.4613	1.5587
2	A&G Expenses per sub-station (Rs. Lakh)	16.4966	17.5958	18.7683

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Table: 4-12: CPI : WPI Inflation

Particulars	Actual				Projected
	FY 2020-21	FY 2021-22	FY 2022-23	FY 2023-24	FY 2025-26 to FY 2027-28
Annual Average CPI Index	339	356	378	397	
CPI Inflation		5.13%	6.05%	5.19%	5.46%
Annual Average WPI Index	123	139	153	153	
WPI Inflation		13.00%	9.41%	0.00%	7.47%
WPI : CPI (60:40)					6.66%

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Table: 4-13: A&amp;G Expenses (Rs. Cr.)

Sl. No.	Particulars	Base Norms considered in FY 2025-26	Projected in MYT ARR FY 2025-26	Projected in MYT ARR FY 2026-27	Projected in MYT ARR FY 2027-28
1	Average annual WPI & CPI Index		6.66%	6.66%	6.66%
2	Norms-A&G Expenses per personnel	1.3700	1.4613	1.5587	1.6626
3	Norms-A&G Expenses per substation (Rs. Lakh)	16.4966	17.5958	18.7683	20.0189
4	No. of Employees		2,954	3,193	3,432
5	No. of Sub-stations		158	158	158
6	A&G Expenses (No. of employees) (2*4) (Rs. Crore)		43.17	49.77	57.06
7	A&G Expenses (No of substations) (3*5) (Rs. Crore)		27.80	29.65	31.63
8	<b>Total A&amp;G Expenses for the year (Rs. Crore) (6+7)</b>		<b>70.97</b>	<b>79.42</b>	<b>88.69</b>



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Table: 4-14: Holding Company Expenses (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>Projected in MYT ARR FY 2025-26</b>	<b>Projected in MYT ARR FY 2026-27</b>	<b>Projected in MYT ARR FY 2027-28</b>
1	Holding Company Expenses for FY 2023-24	24.50	24.50	24.50
2	Inflationary Increase	0.00	0.00	0.00
3	<b>Holding Company Expenses</b>	<b>24.50</b>	<b>24.50</b>	<b>24.50</b>

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Table: 4-15: Operation and Maintenance Expenses (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>Projected in MYT ARR FY 2025-26</b>	<b>Projected in MYT ARR FY 2026-27</b>	<b>Projected in MYT ARR FY 2027-28</b>
1	Employee Expenses	311.40	328.39	346.30
2	Repairs and Maintenance Expenses	67.19	76.52	84.88
3	Administration and General Expenses	70.97	79.42	88.69
4	Holding Company Expenses	24.50	24.50	24.50
5	<b>Total Operation and Maintenance Expenses</b>	<b>474.06</b>	<b>508.83</b>	<b>544.37</b>

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Table: 4-16: Return on Equity (Rs. Crore)

Sl. No.	Particulars	Projected in MYT ARR FY 2025-26	Projected in MYT ARR FY 2026-27	Projected in MYT ARR FY 2027-28
1	Opening Equity as on 1.4.2015	375.41	375.41	375.41
2	Rate of Return on Equity	14.00%	14.00%	14.00%
3	Tax/MAT rate %	17.47%	17.47%	17.47%
4	Rate of Return on Equity (Pre-tax)	16.96%	16.96%	16.96%
5	Return on Equity (1*4)	63.68	63.68	63.68
	Equity on projects commissioned w.e.f.1.4.2015			
6	Opening Equity	2,570.41	2,949.08	3,293.10
7	Addition during the year	378.67	344.02	501.05
8	Closing Equity (6+7)	2,949.08	3,293.10	3,794.14
9	Average Equity	2,759.75	3,121.09	3,543.62
10	Rate of Return on Equity	14.00%	14.00%	14.00%
11	Tax/MAT rate %	17.47%	17.47%	17.47%
12	Rate of Return on Equity (Pre-tax)	16.96%	16.96%	16.96%
13	Return on Equity (9*12)	468.16	529.46	601.14
14	<b>Total Return on Equity (5+13)</b>	<b>531.85</b>	<b>593.14</b>	<b>664.82</b>

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Table: 4-17: Interest on Working Capital (Rs. Crore)

Sl. No.	Particulars	Projected in MYT ARR FY 2025-26	Projected in MYT ARR FY 2026-27	Projected in MYT ARR FY 2027-28
1	Receivables equivalent to two (2) month of transmission charges	258.81	289.27	325.83
2	O&M Expenses of one month	39.50	42.40	45.36
3	Maintenance spares @ 40% of 1-month R&M expenses	2.24	2.55	2.83
4	Less: RoE and Contribution to Contingency Reserve for 2 months	65.57	73.13	81.96
5	<b>Total Working Capital</b>	<b>234.99</b>	<b>261.09</b>	<b>292.06</b>
6	Interest on Working Capital (%)	10.45%	10.45%	10.45%
7	<b>Interest on Working Capital</b>	<b>24.56</b>	<b>27.28</b>	<b>30.52</b>

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Table: 4-18: Non-Tariff Income (Rs. Crore)

Sl. No.	Particulars	Projected in MYT ARR FY 2025-26	Projected in MYT ARR FY 2026-27	Projected in MYT ARR FY 2027-28
1	Non-Tariff Income of FY 2023-24	109.38	114.85	120.59
2	Escalation (in %)	5%	5%	5%
3	Increase (in Rs. Cr.)	5.47	5.74	6.03
4	<b>Non-Tariff Income for the Year</b>	<b>114.85</b>	<b>120.59</b>	<b>126.62</b>

114.85                      120.59                      126.62  
-                                      -                                      -

Sl. No.	Particulars	Projected in MYT ARR FY 2025-26	Projected in MYT ARR FY 2026-27	Projected in MYT ARR FY 2027-28
1	Sharing of Gain from Other Business (OPGW Cable)	4.72	4.72	4.72

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Table: 4-19: Annual Transmission Charges/ARR of Transmission Business (Rs. Crore)

Sl. No.	Particulars	Projected in MYT ARR FY 2025-26	Projected in MYT ARR FY 2026-27	Projected in MYT ARR FY 2027-28
<b>1</b>	<b>O&amp;M expenses (a+ b+ c+ d)</b>	<b>474.06</b>	<b>508.83</b>	<b>544.37</b>
	a. Employee cost	311.40	328.39	346.30
	b. R&M expenses	67.19	76.52	84.88
	c. A&G Expenses	70.97	79.42	88.69
	d. Holding Company expenses	24.50	24.50	24.50
2	Depreciation	639.44	730.12	840.08
3	Interest on Loan Capital	548.94	612.22	694.39
4	Interest on Working Capital	24.56	27.28	30.52
5	Return on Equity	531.85	593.14	664.82
6	Less: Non-Tariff Income	114.85	120.59	126.62
7	Less: Income From Other Business (OPGW Cable)	4.72	4.72	4.72
<b>8</b>	<b>Net ARR</b>	<b>2,099.26</b>	<b>2,346.28</b>	<b>2,642.85</b>

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Table: 4-20: Revenue Gap/(Surplus) of Truing Up along with Holding Cost

<b>Sl. No.</b>	<b>Particulars</b>	<b>Amount (Rs. Crore)</b>
1	Revenue Surplus in True Up of 2023-24	(38.31)
2	Interest for FY 2023-24 [(SBI MCLR +1.50%) @ 10.07%] for 6 months	(1.93)
3	Interest for FY 2024-25 [(SBI MCLR +1.50%) @10.45%] for 1 year	(4.00)
4	Interest for FY 2025-26 [(SBI MCLR +1.5%) @10.45%] for 6 months	(2.00)
5	Total Interest to be adjusted in ARR of FY 2025-26	(7.93)
6	<b>Total Revenue Surplus to be adjusted in ARR of FY 2025-26</b>	<b>(46.24)</b>

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Table: 4-21: ATC of ARR (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2025-26 Projection</b>
1	Net ARR considered for FY 2025-26	2,099.26
2	Less: Revenue Surplus of FY 2023-24 along with Holding cost	(46.24)
3	<b>Annual Transmission Charges for FY 2025-26 (1+2)</b>	<b>2,053.02</b>



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Table: 4-22: Transmission Charges for NBPDC and SBPDCL (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2025-26 Projection</b>
1	Annual Transmission Charges for FY 2025-26 (Rs. Crore)	2,053.02
2	Total Maximum Projected Load (in MW)	8,878.00
3	Total Maximum Load of NBPDC and SBPDCL	8,778.00
4	Annual Transmission Charges to be levied to NBPDC and SBPDCL (Rs. Crore)	2,029.90
5	Monthly Transmission Charges to be levied to NBPDC and SBPDCL (Rs. Crore)	169.16

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Table: 4-23: Transmission Charges for Railways (Rs. Crore)

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2025-26 Projection</b>
1	Annual Transmission Charges for FY 2025-26 (Rs. Crore)	2,053.02
2	Total Maximum Projected Load (in MW)	8,878.00
3	Total Contracted Capacity of Railways	100.00
4	Annual Transmission Charges to be levied to Railways (Rs. Crore)	23.12
5	Monthly Transmission Charges to be levied to Railways (Rs. Crore)	1.93

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Table: 4-24: Transmission Charges for Short Term open Access Consumers

<b>Sl. No.</b>	<b>Particulars</b>	<b>FY 2025-26 Projection</b>
1	Annual Transmission Charges for FY 2025-26 (Rs. Crore)	2,053.02
2	Total Maximum Projected Load (in MW)	8,878.00
3	Transmission Charges for Short Term Open Access Consumer (Rs./MWh)	263.98