

Maximum Load of BSPTCL & BGCL During 2nd Week of June 2019

BHOJPUR TRANSMISSION CIRCLE														
Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load(MW)	132KV Lines	Conductor type	Peak Load(MW)	220/132/33KV Transformer	Peak Load(MW)	220/132KV Transformer	Peak Load(MW)	132/33KV Transformer	Peak Load(MW)	
1	Nadhokar (PUSAULI)	a)220KV Pusauli(BSPTCL) - Pusauli(PGCIL)	zebra	185.5 MW	a)132 KV Pusauli - Ramgarh S/C	panther	16.3 MW	a)160 MVA ICT-1	110 MW			a) 50 MVA ICT1	7 MW	
		b)220KV Pusauli(BSPTCL) - Ara(PGCIL)	zebra	86.5 MW	b)132 KV Pusauli - Bhabua S/C	panther	3.4 MW	b)160 MVA ICT-2 (N/A)	Defective			b) 50 MVA ICT2	Charged on no load	
					c)132 KV Pusauli - Kochas S/C(power fed to Buxar via T/B of Dumraon)	panther	66 MW							
					d)132 KV Pusauli - Sasaram S/C	panther	42 MW							
					e)132 KV Pusauli - Kudra (TSS) - Karamnasa S/C	panther	56.5 MW							
2	Ara				a) 132 KV Ara(PGCIL)- ARA(BSPTCL) S/C	HTLS	77 MW					a) 50MVA ICT1	38 MW	
					b) 132 KV Ara(BSPTCL)- Jagdishpur D/C	panther	31 MW					b) 50MVA ICT2	13 MW	
												a) 50MVA ICT3	13 MW	
												b) 50MVA ICT4	13 MW	
3	Buxar				a)132 Kv Dumraon Buxar D/C T/L	Panther	45 MW					a)20 MVA ICT1	NL	
												b)50 MVA ICT2	22.5 MW	
												c)50 MVA ICT3	22.5 MW	
4	Jagdishpur				a) 132 KV Ara(PGCIL)- Jagdishpur S/C	panther	49.6 MW					a) 20MVA ICT1	14 MW	
					b)132 KV Ara(BSPTCL)- Jagdishpur D/C	panther	31 MW					b) 50MVA ICT2	35 MW	
5	Piro				a)132 KV Bikramganj-Piro S/C	panther	15.5 MW					a) 20MVA ICT1	7.75 MW	
												a) 20MVA ICT2	7.75 MW	
6	Dumroan				a)132 KV Ara(PG) - Dumraon S/C	Panther	58 MW					a) 50MVA ICT-1	26 MW	
					b) 132 Kv Dumraon - Bikramganj S/C	Panther	8 MW					b) 50MVA ICT-2	25MW	
					c) 132 KV Dumraon - Buxar D/C(Buxar avail power from Pushauli through T/B of Kochas & through T/B of Buxar)	Panther	35 MW							
					e)132 KV Dumraon - Kochas S/C(Buxar avail power from Pushauli through this T/L through T/B of Dumraon)	Panther	45 MW							
					c)132 KV Dumraon- Railway S/C	Panther	14 MW							

7	Karamnasa			a) 132 KV Mohania- Karamnasa S/C	Panther	36 MW			a) 50MVA ICT1	20 MW
				b) 132 KV Kudra TSS-Karamnasa S/C	Panther	40 MW			b) 50MVA ICT2	20 MW
				c) 132 KV Chandauli-Karamnasa S/C	Panther	Charged on no load			c) 20MVA ICT3	Charged on no load
				d) 132 KV Sahupuri-Karamnasa S/C	Panther	36 MW				
8	Ramgarh			a) 132KV Ramgarh- Pushauli S/C	Panther	15 MW			a)50MVA ICT1	7.5 MW
				b) 132KV Ramgarh- Mohania S/C	Panther	14 MW			b)50MVA ICT2	7.5 MW
9	BHABHUA			a)132 KV Pusauli- Bhabhua S/C	Panther	3.92 MW			a) 50MVA ICT1	3.92 MW
									b) 50MVA ICT2	charge at no load
10	Kudra			a)132KV Dehri-Kudra S/C(Mohania & Pushauli(PG) also avail power from this T/L)	PANTHER	66 MW			a)20MVA ICT1	15.2 MW
				b)132KV Kudra-Pushauli(PG) S/C(Pushauli(PG) extend this power to Mohania)	PANTHER	48 MW			b)20MVA ICT2	15.1 MW
				c)132KV Kudra-Kochas S/C	PANTHER	31 MW				
11	Mohania			a) 132 Kv Ramgarh-Mohania S/C	panther	30.8 MW			a)50MVA ICT1	24.18 MW
				b) 132 KV Pusauli(PG)-Mohania S/C	panther	48.2 MW			b)50MVA ICT2	11.32 MW
				c) 132 KV Karamnasa-Mohania S/C	panther	36 MW				

PATNA (EAST) TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load	132KV Lines	Conductor type	Peak Load	220/132/33KV Transformer	Peak Load	220/132KV Transformer	Peak Load	132/33KV Transformer	Peak Load
1	Sampachak	a) Patna (PG) - Gaurichak ckt1	Zebra	186 MW	a) Gaurichak - Jakkanpur - 1	HTLS	76 MW	a) 160MVA ICT - 1	126 MW	a) 150MVA ICT - 2	109 MW	a) 50MVA ICT- 2	24 MW
		b) Patna (PG) - Gaurichak ckt2	Zebra	190 MW	b) Gaurichak - Jakkanpur - 2	HTLS	76 MW		b) 150MVA ICT - 3	112 MW	b) 50MVA ICT- 3	20 MW	
		c) Patna (PG) - Gaurichak ckt3	Zebra	171 MW	c) Gaurichak - Gaya- 1 (Mashurhi)	Panther	43 MW		c) 80MVA ICT- 4	44.6MW			
		d) Gaurichak - Fatuha S/C	Zebra	107 MW	d) Gaurichak - Gaya- 2 (Jahanabad)	Panther	21 MW						
		e) Gaurichak - Khagaul S/C	Zebra	133 MW	e) Gaurichak -Mithapur S/C T/L	HTLS	102 MW						
		f) Gaurichak - Bihta ckt1	Zebra	32 MW	f) Gaurichak - Fatuha S/C T/L	HTLS/ Zebra	40 MW						
		f) Gaurichak - Bihta ckt2	Zebra	32MW									
2	Fatuha	a) Biharsharif ckt-1	ZEBRA	123 MW	a) Gaighat S/C T/L	HTLS PANTHER	87 MW		a)100 MVA ICT 1	65 MW	a)50 MVA ICT1	24.33 MW	
		b) Biharsharif ckt-2	ZEBRA	123 MW	b)Katra S/C T/L	HTLS PANTHER	101 MW		b)100 MVA ICT 2	65 MW	b)50 MVA ICT2	24.33 MW	
		c) Sipara S/C T/L	ZEBRA	126 MW	c) Railway S/C T/L	PANTHER	18 MW		c)100 MVA ICT 3	65 MW	c)50 MVA ICT3	24.33 MW	
		d) Patna(PG) S/C T/L	ZEBRA	180 MW	d) Harnaut S/C T/L	PANTHER	1. Normally charged on NO load 2. Last loaded on 12.06.2019 with max load 16.17 MW)		d)100 MVA ICT 4	65 MW			
		e) Sipara S/C T/L			e) Sipara S/C T/L	HTLS	46 MW		e)100 MVA ICT 5	65 MW			
3	Katra				a) Fathua - Katra S/C T/L	HTLS	99 MW				a) 80 MVA ICT1	24.75 MW	
					b) katra-Gaighat S/C T/L	HTLS	1. Normally charged on NO load 2. Last loaded on 12.05.2019 with max load 95 MW)				b) 80 MVA ICT2	24.75 MW	
											c) 80 MVA ICT3	24.75 MW	
											d) 80 MVA ICT4	24.75 MW	

4	Masaudhi		a) Jehanabad-Masurdhi S/C T/L	Panther	1. Normally charged on NO load 2. Last loaded on 27.05.2019 with max load 16.9 MW)			a)20 MVA ICT1	1. Normally charged on NO load 2. Last loaded on 17.01.2019.2019 with max load 8.5MW)
			b)Gaurichak -Masaurhi S/C T/L	Panther	24.4 MW			b)20 MVA ICT2	1. Normally charged on NO load 2. Last loaded on 26.03.2019.2019 with max load 7.8 MW)
								b)50 MVA ICT3	24.4 MW
5	Barh		a) Biharsharif-Barh S/C T/L	Panther	31 MW			a) 50MVA ICT1	5.5 MW
			b) Barh-Hathidah S/C T/L	Panther	1. Normally charged on NO load 2. Last loaded on 12.06.2019 with max load 24 MW)			b)50MVA ICT2	23 MW
6	Hathidah		a) Hathidah-BiharSharif ckt-2	Panther	51 MW			a) 20MVA ICT1	8.6 MW
			b) Hathidah-Barh T/L (Hathidah-Biharsharif ckt-1)	Panther	32.2 MW			b) 20MVA ICT2	10 MW
			c) Hathidah- Lakhisarai S/C T/L	Panther	38.4 MW			c) 20MVA ICT3	8.4 MW
			d) Hathidah-Sheikhpura S/C T/L	Panther	1. Normally charged on NO load 2. Last loaded on 29.05.2019 with max load 34.3 MW)				
7	Gaighat		a) Fatuha-Gaighat S/C T/L	HTLS	86 MW			a)80 MVA ICT1	43 MW
			b) Katra -Gaighat S/C T/L	HTLS	1. Normally charged on NO load 2. Last loaded on 12.05.2019 with max load 72 MW)			b)80 MVA ICT2	43 MW
								c)80 MVA ICT3	U/C
8	Mithapur		a)SIPARA MITHAPUR LINE	1. HTLS PANTHER from gaurichak TO 21 NO TOWER(tower no 35 to 1),ZEBRA conductor from tower no. 30 to jakkanpur grid	64 MW			a)80 MVA ICT1	32 MW
			b)Karbughaia -Mithapur line (T connection of Karbighaia in Mithapur Sipara T/L)	HTLS	1. Normally charged on NO load 2. Last loaded on 14.06.2019 with max load 39 MW)			b)80 MVA ICT2	32 MW

PATNA(WEST) TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load	132KV Lines	Conductor type	Peak Load	220/132/33KV Transformer	Peak Load	220/132KV Transformer	Peak Load	132/33KV Transformer	Peak Load
1	Khagaul	a) Patna(PG) S/C T/L	zebra	144 MW	a) Digha ckt1	panther	50 MW			a)100 MVA ICT1	72 MW	a) 80 MVA ICT1	29 MW
		b) Gaurichak-khagaul line	zebra	144 MW	b) Digha ckt2	panther	50 MW			b)100 MVA ICT2	72 MW	b) 80 MVA ICT2	29 MW
					c) Bihta ckt1	panther	39 MW			c)100 MVA ICT3	72 MW	c) 80 MVA ICT3	29 MW
					d) Bihta ckt2	panther	39 MW			d)100 MVA ICT4	72 MW	d) 80 MVA ICT4	29 MW
					e) Railway S/C T/L	panther	3.3 MW					e) 80 MVA ICT5	29 MW
2	Bihta(New)	a) Gaurichak - Bihta ckt1	zebra	32MW	a) Bihta(New)-Bihta ckt1	Zebra	bay is not ready at Bihta(New)			a)160 MVA ICT1	60 MW	a) 50MVA Transformer-1	Charged on no load
		b) Gaurichak - Bihta ckt2	zebra	32 MW	b) Bihta(New)-Bihta ckt2	Zebra	60 MW			b)160 MVA ICT2	not commissioned	a) 50MVA Transformer-2	Charged on no load
3	Digha				a) Khagaul Digha ckt 1	Panther + UG Cable	48 MW					a) 80 MVA ICT1	32 MW
					b) Khagaul Digha line 2	Panther + UG Cable	48 MW			b) 80 MVA ICT2	32 MW		
										c) 80 MVA ICT3	32 MW		
4	Kabrigahiya				a)Gaurichak -Mithapur-Karbigahia line(T connection of Karbigahia in Mithapur Sipara T/L)	630 sqmm XLPE Cable	38.7 MW					a)50MVA T1	19.525 MW
					b)Jakkanpur karbigahia S/C T/L	630sqmm. XLPE Cable	39.4 MW			b)50MVA T2	19.525 MW		
										c)50MVA T3	19.525 MW		
5	Jakkanpur				a) Gaurichak-Jakkanpur ckt1	HTLS	78 MW					a)80MVA T1	36 MW
					b) Gaurichak-Jakkanpur ckt2	HTLS	78 MW			a)50MVA T2	38 MW		
					c) Jakkanpur-Karbigahia S/C T/L	ZEBRA	42 MW			a)50MVA T3	12 MW		
										a)80MVA T4	U/C		
6	Bihta(Old)				a) Khagaul-Bihta ckt1	Panther	13 MW					a) 50MVA Transformer-1	21.5 MW
					b) Khagaul-Bihta ckt2	Panther	13 MW			a) 50MVA Transformer-2	21.5 MW		
					c) Bihta(New)-Bihta ckt1	Zebra	bay is not ready at Bihta(New)			a) 50MVA Transformer-3	21.5 MW		
					d) Bihta(New)-Bihta ckt2	Zebra	60 MW			a) 50MVA Transformer-4	21.5 MW		

BIHAR SHARIF TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load	132KV Lines	Conductor type	Peak Load	220/132/33KV Transformer	Peak Load	220/132KV Transformer	Peak Load	132/33KV Transformer	Peak Load
1	220/132/33KV Biharsarif (SG)	a) BSF(PG)-BSF ICT1	Twin Moose	189 MW	a) Baripahari ckt1	Panther	56.5 MW			a) 150MVA T 1	93 MW	a)20MVA T4	3.92 MW
		b) BSF(PG)-BSF ICT2	Twin Moose	207 MW	b) Baripahari ckt2	Panther	56.5 MW			a) 150MVA T 2	90 MW		
		c) BSF(PG)-BSF ICT3	Twin Moose	207 MW	c) Hathidah ckt 1	Panther	50 MW			a) 150MVA T 3	90 MW		
		d) BSF-Fathua ckt 1	Zebra	122 MW	d) Hathidah ckt 2	Panther	14MW						
		e) BSF-Fathua ckt2	Zebra	122 MW	e) Rajgir S/C T/L	Panther	31 MW						
		f) BSF-Begusrai ckt1	Zebra	162 MW	f) Nalanda S/C T/L	Panther	29 MW						
		g) BSF-Begusrai ckt2	Zebra	162 MW	g) Warisaiganj S/C T/L	Panther	13MW						
		h) BSF-Khizarsarai ckt1	Zebra	81 MW	h) Sheikhpura D/C T/L	Panther	1.Normally charged on NO load from BSF end 2.Last loaded on 28.03.2019 with max load 22 MW)						
		i) BSF-Khizarsarai ckt2	Zebra	81 MW	i) Ekangarsarai S/C T/L	Panther	41 MW						
		(j) BSF-TTPS S/C T/L	Twin Moose	128 MW	j) Nawada D/C T/L	Panther	1.Normally charged on NO load from BSF end 2.Last loaded on 21.05.2019 with max load 14 MW)						
				j) Hulasganj D/C T/L	Panther	Charged on NO load from BSF end							
				c)Sekhopursarai(BGCL) S/C T/L	Panther	40MW							
2	220/132 KV Narhat GIS	a)Narhat-Sekhopursarai ckt-1	HTLS Zebra	31.51MW	a)Narhat-Nawada ckt-1	ACSR Zebra	45.5 MW			a)160 MVA T1	53.73 MW	a) 50 MVA ICT-1	4.49 MW
		b)Narhat-Sekhopursarai ckt-2	HTLS Zebra	31.51MW	b)Narhat-Nawada ckt-2	ACSR Zebra	45.5 MW			a)160 MVA T2	51.67 MW	b) 50 MVA ICT-2	13.30 MW
		c)Khizersarai-Narhat ckt-01	HTLS Zebra	72.23 MW									
		d)Khizersarai-Narhat ckt-02	HTLS Zebra	72.85 MW									
3	220/132/33KV Shekhopur Sarai GIS	a)Sekhopursarai-Havelikharagpu	HTLS Zebra	31MW	a)Sekhopursarai-Sekhpura ckt-1	ACSR Zebra	19.4MW			a)160 MVA T1	not commissioned	a)50 MVA T1	Charged on NO Load
		b)Sekhopursarai-Havelikharagpu	HTLS Zebra	30MW	b)Sekhopursarai-Sekhpura ckt-2	ACSR Zebra	19.7MW			a)160 MVA T2	37 MW	b)50 MVA T2	Charged on NO Load
		a)Narhat-Sekhopursarai ckt-1	HTLS Zebra	31.51MW	c)Sekhopursarai-Biharsarif	ACSR Panther	12MW						
		b)Narhat-Sekhopursarai ckt-2	HTLS Zebra	31.51MW									

4	Sheikhpura				a) Jamui-Sheikhpura ckt1	Panther	37MW			a) 20MVA ICT1	08MW
					b) Jamui-Sheikhpura ckt2	Panther	17.25MW			b) 20MVA ICT2	08MW
					c) Biharsharif-Sheikhpura ckt1	Panther	38MW			c) 50MVA ICT3	25MW
					d) Biharsharif-Sheikhpura ckt2	Panther	1. Normally charged on NO load from BSF end 2. Last loaded on 28.03.2019 with max load 22 MW)				
					c) Sheikhpura-Hathidah S/C Trans. Line	Panther	30MW				
					d) Sheikhpura-Lakhisarai S/C Trans. line	Panther	Normally charged on NO Load				
					a) Sekhopursarai-Sekhpura ckt-1	ACSR Zebra	19.4MW				
b) Sekhopursarai-Sekhpura ckt-2	ACSR Zebra	19.7MW									
5	Nalanda				a) Biharsarif (SG)-Nalanda S/c T/L	Panther	29MW			a) 20 MVA ICT1	14.5 MW
					b) Nalanda Barhi S/C T/L	Panther	1. Normally charged on NO load 2. Last loaded on 06.04.2019 with max load 4.8 MW)			b) 20 MVA ICT2	14.5 MW
6	Rajgir				a) Biharsharif Rajgir	Panther	30.8 MW			a) 20 MVA ICT1	8.4 MW
					b) Barhi RajgirL29	Panther	1. Normally charged on NO load 2. Last loaded on 13.03.2019 with max load 19.6 MW)			b) 20 MVA ICT2	11 MW
					c) Barhi Nalanda T/L T connection at Rajgir	Panther	1. Normally charged on NO load 2. Last loaded on 04.04.2019 with max load 14.2 MW)			c) 50 MVA ICT3	11.5 MW
7	Ekangarsarai				a) 132KV Biharsarif (SG)-Ekangarsarai S/C T/L	Panther	40.2 MW			a) 20 MVA ICT1	13.4 MW
					b) 132KV Ekangarsarai-Hulasganj S/C T/L	Panther	1. Normally charged on NO load 2. Last loaded on 17.06.2019 with max load 41.4 MW)			b) 20 MVA ICT2	13.4 MW
										c) 20 MVA ICT3	13.4 MW

8	Harnaut				a) 132KV Baripahari-Harnaut S/C	Panther	44.66 MW			a)20MVA ICT1	11.77 MW
					b)132KV Harnaut-Fatuha S/C	Panther	1.Normally charged on NO load 2.Last loaded on 12.06.2019 with max load 16.17 MW)			b)50MVA ICT2	32.57 MW
9	Nawada				a)132Kv BSF-Nawada	Panther	U/C			a) 50 MVA ICT1	26 MW
					b) 132KV Wazirganj-Nawada S/C	Panther	1.Normally charged on NO load 2.Last loaded on 13.02.2019 with max load 13 MW)			b) 50 MVA ICT2	24 MW
					c) 132 KV Warsaliganj -Nawada S/C	Panther	16 MW			c) 50 MVA ICT3	27 MW
					d) 132 KV GIS Narhat-Nawada ckt1	ACSR Zebra	45.5 MW			d) 20 MVA ICT4	NL(Last loaded on 06.11.2016 with max load 11 MW)
					e) 132 KV GIS Narhat-Nawada ckt2	ACSR Zebra	45.5 MW				
10	Warsaliganj				a) 132 KV Biharsharif-Warsaliganj S/C	Panther	1.Normally charged on NO load 2.Last loaded on 07.06.2019 with max load 13 MW)			a) 50 MVA ICT1	6.5 MW
					b) 132 KV Warsaliganj -Nawada S/C	Panther	15 MW			b) 50 MVA ICT2	6.5 MW
11	Baripahari				a) Baripahari ckt1	Panther	60 MW			a) 50MVA Tr. No-01	26 MW
					b) Baripahari ckt2	Panther	60 MW			b) 50MVA Tr. No-02	26 MW
					c)Harnaut S/C T/L	Panther	45 MW			c) 50MVA Tr. No-02	26 MW

BHAGALPUR TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load	132KV Lines	Conductor type	Peak Load	220/132/33KV Transformer	Peak Load	220/132KV Transformer	Peak Load	132/33KV Transformer	Peak Load
1	Goradih GIS	a)Havelikharagpur-Goradih ckt-1	HTLS Zebra	5 MW	a)Goradih-Sultanganj ckt-1	AAAC Panther	4 MW			a)160 MVA T1	4 MW	a)50 MVA T1	0 MW
		b)Havelikharagpur-Goradih ckt-2	HTLS Zebra	2MW	b)Goradih-Sultanganj ckt-2	AAAC Panther	4 MW			a)50 MVA T2	Not commissioned		
					c)Goradih-Kahalgaon ckt-1	AAAC Panther	Charged on no load						
					d)Goradih-Kahalgaon ckt-2	AAAC Panther	Charged on no load						
2	Sabour				a) Sabour-Banka (PG) Trans. Line ckt- I & II	ACSR Panther	83 MW				a) 50MVA ICT1	35 MW	
					b) Sabour-Kahalgaon GSS Trans. Line	ACSR Panther	50 MW				b) 50MVA ICT2	24 MW	
					c) Sabour-Kahalgaon (NTPC) Trans. Line	AAAC Panther	68 MW				c) 50MVA ICT3	23 MW	
					d) Sabour-Sultanganj ckt-I Trans. Line	AAAC Panther	Charged on no load						
					e) Sabour-Sultanganj ckt-II Trans. Line	AAAC Panther	Charged on no load						
3	Sultanganj				a) Deoghar-Sultanganj	ACSR Panther	35 MW				a) 50MVA Trf.-1	40 MW	
					b) Sultanganj-Tarapur	ACSR Panther	16 MW				b) 50MVA Trf.-2	14.5 MW	
					c) Sultanganj-Sabour ckt-1	AAAC Panther	0 MW				c) 20MVA Trf.-1	Charged on no load	
					d) Sultanganj-Sabour ckt-2	AAAC Panther	0 MW						
					e) Sultanganj-Goradih ckt-1	AAAC Panther	8 MW						
					f) Sultanganj-Goradih ckt-2	AAAC Panther	8 MW						
					g) Banka (PG)-Sultanganj ckt-1	ACSR Panther	64 MW						
					h) Banka (PG)-Sultanganj ckt-2	ACSR Panther	64 MW						
					i) Sultanganj-Jamalpur New Ckt-1	ACSR Panther	40 MW						
					j) Sultanganj-Jamalpur New Ckt-2	ACSR Panther	40 MW						

4	Naugachia		a) Purnea-Naugachia L-16 Trans. Line	Panther	33 MW		a) 20MVA Trf.-01	11MW
			b) BTPS-Naugachia L-16 Trans. Line	Panther	33 MW		b) 20MVA Trf.-02	11MW
							c) 20MVA Trf.-03	11MW
							d) 50MVA Trf.-04	NL
5	Kahalgaon		a) Kahalgaon (NTPC)- Kahalgaon Trans. line	ACSR Panther	45 MW		a) 20MVA Trf.-01	NL
			b) Kahalgaon-Sabour Trans. Line	ACSR Panther	50 MW		b) 20MVA Trf.-02	NL
			c) Kahalgaon-Lalmatiya Trans.line	ACSR Panther	35 MW		c) 50MVA Trf.-03	22MW
			d) Kahalgaon-Goradih ckt-I Trans. Line	AAAC Panther	Charged on no load		d) 50MVA Trf.-04	23MW
			d) Kahalgaon-Goradih ckt-II Trans. Line	AAAC Panther	Charged on no load			
6	Banka (old)		a) Banka (PG)- Banka ckt1	ACSR Panther	24.5 MW		a) 20MVA Trf.-01	11 MW
			a) Banka (PG)- Banka ckt2	ACSR Panther	24.5 MW		b) 20MVA Trf.-02	11 MW
			b) Banka-Banka(new) ckt 1	ACSR Panther	Charged on no load		c) 50MVA Trf.-03	27 MW
			b) Banka-Banka(new) ckt 2	ACSR Panther	Charged on no load			
7	Banka (new)		a) Banka (New)- Jamui (New) ckt 1	ACSR Panther	12.2 MW		a) 50MVA Trf.-01	Charged on no load
			b) Banka (New)- Jamui (New) ckt 2	ACSR Panther	0.04 MW			
			c)Banka(New)-Banka(Old) ckt 1	ACSR Panther	Charged on no load			
			c)Banka(New)-Banka(Old) ckt 2	ACSR Panther	Charged on no load			

Dehri-On-sonne TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load(MW)	132KV Lines	Conductor type	Peak Load(MW)	220/132/33KV Transformer	Peak Load(MW)	220/132KV Transformer	Peak Load(MW)	132/33KV Transformer	Peak Load(MW)
1	Dehri	a) 220 KV Dehri -Sasaram (PG)	zebra	80	a) 132 KV Dehri-Bikramganj S/C(Bikramganj avail power from Sonenagar through T/B of Dehri)	Panther	56MW			a)100MVA ICT-1	Defective	a) 50MVA ICT1	30MW
		b)220 KV Gaya (PG)-Dehri ckt1	zebra	104	b) 132 KV Dehri -kochas S/C	Panther	66MW			b)100MVA ICT-2	76MW	b) 50MVA ICT2	11MW
		c) 220 KV Gaya (PG) -Dehri ckt2	zebra	104	c) 132 KV Dehri-Sasaram S/C	Panther	50MW			c)100MVA ICT-3	76MW	c) 50MVA ICT3	11MW
					d)132 KV Dehri -Banjari S/C	Panther	31MW			d)100MVA ICT-4	76MW		
					e)132 KV Dehri -Kudra S/C	Panther	64MW						
					f)132 KV Dehri-sonenagar ckt1(power fed to Bikramganj through T/B of Dehri)	Panther	33.5 MW						
					g)132 KV Dehri-sonenagar ckt2(power fed to Bikramganj through T/B of Dehri)	Panther	33.5 MW						
2	Banjari	NA			a)132 KV Banjari-Sasaram CKT-1	Panther(ACSR)	11 MW					a)20 MVA ICT1	12 MW
					b)132 KV Banjari-Sasaram CKT-2	Panther(ACSR)	11 MW					b)20 MVA ICT2	11 MW
					c)132 KV Banjari-Dehri S/C	Panther(ACSR)	30.8 MW					c)20 MVA ICT3	12 MW
					d)132 KV KCL S/C	Panther(ACSR)	9 MW						
3	Bikramganj	NA			a)132 KV Dehri-Bikramganj S/C	Panther	67 MW					a)50MVA ICT2	26 MW
					b)132 KV Dumraon-Bikramganj S/C	Panther	14 MW					b)50MVA ICT3	26 MW
					c)132 KV Bikramganj-Piro S/C	Panther	14 MW					c)20MVA ICT1	No Load
4	Sasaram	NA			a)132 KV Sasaram - Banjari D/C	Panther	22 MW					a)20MVA ICT1	11 MW
					b)132 KV Dehri-Sasaram S/C	Panther	46 MW					b)20MVA ICT2	11 MW
					c)132 KV Pusauli-Sasaram S/C	Panther	42 MW					c)50MVA ICT3	24 MW
5	Kochas	NA			a) 132 KV Dehr-Kochas S/C	Panther	46.6 MW					a)20MVA ICT1	15.1 MW
					b)132 KV Dumraon -Kochas S/C(Dumraon avail Pushauli power through T/B of Kochas)	Panther	44 MW					b)20MVA ICT2	15.1 MW
					c)132 KV Kudra-Kochas S/C T/L	panther	31 MW						
					d)132 KV Pushauli -Kochas S/C(Dumraon avail Pushauli power through T/B of Kochas)	panther	30 MW						
6	220/132/33 KV Sonenagar (new)	a) Gaya(PG)- Sonenagar ckt1	Zebra	108 MW	a)Sonenagar(New)- sonenagar (old) ckt1	Moose	108 MW			a)T-1 160 MVA	108 MW	a)50 MVA ICT1	00 MW
		b)Gaya(PG)-Sonenagar ckt2	Zebra	108 MW	a)Sonenagar(New)- sonenagar (old) ckt2	Moose	108 MW			b)T-2 160 MVA	108 MW	a)50 MVA ICT2	00 MW

7	132/33 KV Sonenagar (Old)			a)Sonenagar (Old)-Sonenagar (New) ckt1	Moose	116 MW			a)50MVA ICT1	28 MW
				a)Sonenagar (Old)-Sonenagar (New) ckt2	Moose	116 MW			b)50MVA ICT2	28 MW
				c)Sonenagar (Old)- Dehri ckt1	Panther	32.5 MW				
				d)Sonenagar (Old)- Dehri ckt2	Panther	32.5 MW				
				e)Sonenagar (Old)- Chandauti S/C T/L	Panther	Charged on no load				
				f)Sonenagar(Old)-Rafiganj S/C T/L	Panther	Charged on no load				
				g)Sonenagar(Old)- Rihand ckt1	Panther	23 MW				
				h)Sonenagar(Old)- Rihand ckt2	Panther	23 MW				
				i)Sonenagar(Old0- Railway Japla ckt1	Panther	8 MW				
				i)Sonenagar(Old0- Railway Japla ckt2	Panther	8 MW				
				k)Sonenagar(Old)-Aurangabad ckt1	Panther	43 MW				
				j)Sonenagar(Old)-Aurangabad ckt2	Panther	43 MW				
8	132/33 KV Aurangabad			a)132KV Sonenagar(OLD)-Aurangabad CKT-1	Panther	54 MW			a)20 MVA ICT1	12 MW
				b)132KV Sonenagar(OLD)-Aurangabad CKT-2	Panther	54 MW			b)20 MVA ICT2	12 MW
				c)132KV Sonenagar (NEW)-Aurangabad CKT-1	Panther	U/C			c)50 MVA ICT3	30 MW
				d)132KV Sonenagar (NEW)-Aurangabad CKT-2	Panther	U/C				
				e)132KV Shree cement	Panther	26 MW				
9	132/33 KV Goh			a)Takari-Goh S/C T/L	Panther	21 MW			a) 20 MVA ICT1	10.5 MW
				b) Ataullah-Goh ckt1	Panther	Charged on no load			a) 20 MVA ICT2	10.5 MW
				c) Ataullah-Goh ckt2	Panther	11.5 MW				
10	132/33 KV Rafiganj			a) Gaya- Rafiganj S/C T/L	PANTHER	48 MW			a) 20 MVA ICT1	12.6 MW
				b)Sonenagat-Rafiganj S/C T/L	PANTHER	Charged on no load			b) 50 MVA ICT2	23.2 MW
				c)132KV Solar S/C T/L	PANTHER	15.9 MW				

GAYA TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load (in MW)	132KV Lines	Conductor type	Peak Load (in MW)	220/132/33KV Transformer	Peak Load	220/132KV Transformer	Peak Load (in MW)	132/33KV Transformer	Peak Load (in MW)	
1	220/132KV Bodhgaya	a) 220KV Gaya (PG) - Bodhgaya ckt1	Zebra	188 MW	a) Bodhgaya-Chandauti ckt 1	Panther	48 MW			a)150 MVA ICT1	64 MW	a)50 MVA ICT1	27 MW	
		a) 220KV Gaya (PG) - Bodhgaya ckt2	Zebra	188 MW	b) Bodhgaya-Chandauti ckt 2	Panther	48 MW			b)150 MVA ICT2	64 MW	b)50 MVA ICT2	27 MW	
		b) 220KV Khizisarai(BGCL) - Bodhgaya ckt1	Zebra	33 MW	c) Bodhgaya-Chandauti ckt 3	Panther	74 MW			c)150 MVA ICT3	64 MW	c)50 MVA ICT3	23 MW	
		b) 220KV Khizisarai(BGCL) - Bodhgaya ckt2	Zebra	33 MW	d) Bodhgaya-Chandauti ckt 4	Panther	74 MW			d)150 MVA ICT4	64 MW			
						b) 132KV Bodhgaya-Khizisarai(BGCL) S/C/Sherghati avail power from Khizisarai through T/B of Bodhgaya)	Panther			26 MW	e)160 MVA ICT5			78 MW
						c) 132KV Bodhgaya-Sherghati S/C T/L(Sherghati avail power from Khizisarai through T/B of Bodhgaya)	Panther			26 MW				
				d)132KV Bodhgaya-Imamganj S/C T/L	Panther	22 MW								
2	220/132KV Khizarsarai GIS	a)Khizarsarai-Bodhgaya ckt-01	ACSR ZEBRA	35.98 MW	a)Khizarsarai-Bodhgaya S/C T/L	ACSR PANTHER	49 MW			a)160MVA ICT-1	130.46 MW	a)50MVA ICT2	5.02 MW	
		b)Khizarsarai-Bodhgaya ckt-02	ACSR ZEBRA	32.69 MW	b)Khizarsarai-Hullasganj S/C T/L	ACSR PANTHER	59.6 MW			b)160MVA ICT-2	Not commissioned	a)50MVA ICT3	0.1 MW	
		c)Khizarsarai-BiharSharif ckt-01	ACSR ZEBRA	70.70 MW	c)Khizarsarai-Wazirganj S/C T/L	ACSR PANTHER	25.6 MW							
		d)Khizarsarai-BiharSharif ckt-02	ACSR ZEBRA	70.86 MW										
		e)Khizarsarai-Gaya PG ckt-01	HTLS ZEBRA	77.56 MW										
		f)Khizarsarai-Gaya PG ckt-02	HTLS ZEBRA	72.41 MW										
		g)Khizarsarai-Narhat ckt-01	HTLS ZEBRA	73 MW										
		h)Khizarsarai-Narhat ckt-02	HTLS ZEBRA	73 MW										
3	132/33 KV Chandauti				a) Bodhgaya-Chandauti ckt 1	Panther	48 MW						a) 50 MVA ICT1	27 MW
					b) Bodhgaya-Chandauti ckt 2	Panther	48 MW			b)50 MVA ICT2	27 MW			
					c) Bodhgaya-Chandauti ckt 3	Panther	74 MW			c)50 MVA ICT3	26 MW			
					d) Bodhgaya-Chandauti ckt 4	Panther	74 MW							
					b) Chandauti-Sonengar S/C T/L	Panther	44 MW							
					c) Chandauti-Sipara S/C T/L	Panther	29 MW							
					d) Chandauti-Tehta S/C T/L	Panther	32 MW							
					e) Chandauti-Rafiganj S/C T/L	Panther	44 MW							
					f) T connection of 132KV Chandauti-Tehta(L33) at Belaganj S/C	Panther	22 MW							
					g) 132KV Chandauti-Tekari S/C T/L	Panther	52 MW							

4	132/33 KV Belaganj			a) T connection of 132KV Chandauti-Tehta(L33) at Belaganj S/C T/L	Panther	19 MW			a)20 MVA ICT1	7 MW
									b) 20 MVA ICT2	12 MW
5	132/33 KV Sherghati			a) Bodhgaya-Sherghati	Panther	28 MW			a)20 MVA ICT1	14 MW
				b)132KV Sherghati-Sawakala	Panther	20 MW			b)20 MVA ICT2	14 MW
				c)132KV Sherghati-Imamganj	Panther	Charged on no load				
6	132/33 KV Imamganj			a)132kv Bodhgaya line(Imamganj avail power from Khizersarai through T/B of Bodhgaya)	Panther	25 MW			a)20 MVA ICT1	12.5 MW
				b)132 KV Bodhgaya-Sherghati-Imamganj Line	Panther	25 MW			b)20 MVA ICT2	12.5 MW
7	132/33 KV Tekari			a)Chandauti (Gaya)- Tekari S/C T/L	Panther	57.39 MW			a)20 MVA ICT1	11 MW
				b)Tekari - Goh S/C T/L	Panther	40 MW			b)20 MVA ICT2	11 MW
8	132/33 KV Wajirganj			a) Khizersarai- Wazirganj S/C T/L	Panther	25 MW			a)20 MVA ICT1	12.5 MW
				b) Wazirganj- Nawada S/C T/L	Panther	14.38 MW			b)20 MVA ICT2	12.5 MW
9	132/33 KV Jehanabad			a)132 KV Jehanabad-Sipara S/C T/L	ACSR Panther	46.5 MW			a)20MVA ICT1	12 MW
				b)132 KV Jehanabad-Chandauti S/C T/L	ACSR Panther	32 MW			b)20 MVA ICT2	NL
				c)132 kv Railway S/C T/L	ACSR Panther	10 MW			c)50MVA ICT3	24.28 MW
10	132/33 KV Tehta			(a) 132 kv Gaya(Chandauti) -Tehta S/C T/L	Panther	16 MW			a)20MVA ICT1	8 MW
				(b)132 kv Jehanabad - Tehta S/C T/L	Panther	Charged on no load			b)20 MVA ICT2	8 MW
11	132/33 KV Hulasganj			a)132 KV Hulasganj-Khijarsarai S/C T/L	ACSR Panther	52.6 MW			a)20MVA T-1	13.5 MW
				b)132 KV Hulasganj-Biharsharif S/C T/L	ACSR Panther	Charged on no load			b)20MVA T-2	13.5 MW
				c)132 KV Hulasganj-Ekangarsarai S/C T/L	ACSR Panther	38.48 MW				
12	132/33 KV Ataula			a) 132 KV JEHANABAD- ATAULA D/C TRANS. LINE	ACSR PANTHER	29.8 MW			a) 50 MVA TR NO. 2	29.75 MW
				b) 132 KV GOH- ATAULA D/C TRANS. LINE	ACSR PANTHER	40.8 MW			b) 20 MVA TR NO. 1	11.2 MW

Purnea TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load(MW)	132KV Lines	Conductor type	Peak Load(MW)	220/132/33KV Transformer	Peak Load	220/132KV Transformer	Peak Load	132/33KV Transformer	Peak Load(MW)	
1	220/132/33 KV Kishanganj (new)	a)220KV KISHANGANJ(PG)-KISHANGANJ (NEW) CKT-01	AL-59	95MW	a)132kv Forbishganj Ckt-01	PANTHER	53MW	a)160 MVA ICT-1	124MW			a)50MVA ICT -1	7.5MW	
		b)220KV KISHANGANJ(PG)-KISHANGANJ (NEW) CKT-02	AL-59	95MW	b)132kv Forbishganj Ckt-02	PANTHER	56MW	b)160 MVA ICT-2	124MW			B)50MVA ICT -2	7.5MW	
		c)220KV KISHANGANJ(PG)-KISHANGANJ (NEW) CKT-03	AL-59	102MW	c)132kv Kishanganj (old) Ckt-1	PANTHER	59MW							
		d)220KV KISHANGANJ(PG)-KISHANGANJ (NEW) CKT-04	AL-59	102 MW	d)132kv Kishanganj (old) Ckt-2	PANTHER	53MW							
		e)220KV KISHANGANJ (NEW)-MADHEPURA CKT-01	AL-59	94MW	e)132KV BARSOI	PANTHER	33MW							
		F)220KV KISHANGANJ (NEW)-MADHEPURA CKT-02	AL-59	94MW										
2	132/33 KV Purnea				a) 132KV PGCIL ckt 1	Panther	92MW					a) 50 MVA ICT1	37MW	
					b) 132Kv PGCIL ckt 2	Panther	96MW					b) 50 MVA ICT2	25MW	
					c) 132KV PGCIL ckt 3	Panther	100MW					c) 50 MVA ICT3	37MW	
					d) 132KV Katihar S/C T/L	Panther	58MW							
					e) 132KV Dhamdaha S/C T/L	Panther	62MW							
					f) 132KV Triveniganj S/C T/L	Panther	39MW							
					g) 132 KV Khagaria S/C T/L	Panther	57MW							
					h) 132 KV Naugachhia	Panther	35MW							
3	132/33 KV Banmankhi				a) 132KV Saharsa S/C T/L	Panther	37.24MW					a) 20 MVA ICT1	12.6MW	
					b) 132KV Dhamdaha S/C T/L	Panther	58.44MW					b) 20 MVA ICT2	11MW	
4	132/33 KV Dhamdaha				a)132 KV Banmankhi S/C T/L	Panther	56.7MW					a)50 MVA ICT1	Charged on NO load	
					b) 132 KV Purnea S/C T/L	Panther	58MW					b)50 MVA ICT2	1.99	
5	132/33 KV Baisi				a)132 KV Dalkola(WB) S/C T/L	Panther	6MW					a)50 MVA ICT1	Charged on NO load	
					b)132 KV Kishanganj S/C T/L	Panther	1.Normally charged on NO load 2.Last loaded on 19.05.2019 with max load 24 MW)					b)50 MVA ICT2	6MW	
6	132/33 KV Katihar				a) 132KV Manihari-Katihar S/C T/L	Panther	44.5MW					a) 20MVA ICT1	Normally charged on NO load	
					b)132 KV Katihar Railway	Panther	2 MW					a) 20MVA ICT2	9.5MW	
												a) 20MVA ICT3	9.6MW	
												d) 50MVA ICT4	24.8MW	
7	132/33 KV Manihari				a) Purnea-Manihar S/C T/L	Panther	10.24MW					a) 20 MVA ICT1	10.265MW	
					b) 132KV Manihari-Katihar S/C T/L	Panther	44.5MW					b) 20 MW ICT2	0.095MW	

8	132/33KV Barsoi		a) Kishanganj (New)-Barsoi line	Panther	30MW		a)50MVA ICT1	1.Normally charged on NO load 2.Last loaded on 03.06.2019 with max load 18 MW)
							50MVA ICT2	30 MW

9	132/33 KV Kishanganj (Old)		a) KISHANGANJ - BAISI	PANTHER	1.Normally charged on NO load 2.Last loaded on March 2019 with max load 32 MW)		A) 50MVA ICT1	21 MW
			b) KISHANGANJ(OLD) - KISHANGANJ(NEW) D/C	PANTHER	Araria & Forbisganj avail power from this line through ERS & T/B		B) 50MVA ICT2	21 MW
			c) KISHANGANJ -PGCIL PURNEA	PANTHER	42 MW			

10	132/33 KV Araria		a) 132KV Kishanganj Old	Panther	58.5 MW		a) 50 MVA Transformer no 1	16.5 MW
			b) 132KV Forbesganj	Panther	36 MW		b) 50 MVA Transformer no 2	27.8 MW

11	132/33 KV Forbisganj		a)132KV Araria	Panther	20MW		a)20 Mva Transformer 1	9 MW
			b)132KV Kishanganj Old	Panther	40MW		b)20 Mva transformer 2	13 MW
			c)132KV Kishanganj (New) Ckt 1	Panther	52.5MW		c) 50 Mva Transformer 3	36 MW
			d)132KV Kishanganj (New) ckt 2	Panther	52.5MW			
			e)132KV Triveniganj	Panther	11MW			
			f)132KV Kataiyai ckt1	Panther	36MW			
			g) 132KV kataiya ckt2	Panther	46MW			
			h)132KV Kataiya ckt3	Panther	46MW			

Darbhanga TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load	132KV Lines	Conductor type	Peak Load	220/132/33KV Transformer	Peak Load	220/132KV Transformer	Peak Load	132/33KV Transformer	Peak Load
1	220/132 KV Darbhanga	a) 220 KV DMTCL(D) - Darbhanga ckt1	ZEBRA	85MW						a) 160 MVA ICT1	85 MW	a) NA	
		b) 220 KV DMTCL(D) - Darbhanga ckt2	ZEBRA	85MW						b) 160 MVA ICT2	85 MW		
		c) 220 KV Mushari - Darbhanga ckt1	ZEBRA	1.Normally charged on NO load 2.Last loaded on 02.04.2019 with max load 38 MW)									
		d) 220 KV Mushari - Darbhanga ckt2	ZEBRA	Charged up to Dead end tower									
2	220/132/33KV Lauakhi	a) 220 KV DMTCL(D) - LAUAKHI ckt1	ZEBRA	110MW	a) 132 KV LAUAKHI - SUPAUL ckt1	ZEBRA	U/C	a) 160 MVA ICT1	30 MW			a) 50 MVA ICT1	0.75 MW
		b) 220 KV DMTCL(D) - LAUAKHI ckt2	ZEBRA	used to feed power to Phoolparas	b) 132 KV LAUAKHI - SUPAUL ckt2	ZEBRA	used to feed power to Phoolparas	b) 160 MVA ICT2	30 MW			b) 50 MVA ICT2	0.75 MW
		c)220 KV Madhepura- Laukahi ckt1	ZEBRA	98MW									
		d)221 KV Madhepura- Laukahi ckt1	ZEBRA	70MW									
3	132/33KV Madhubani				a) 132 KV MADHUBANI - PANDAUL D/C T/L	PANTHER	08 MW					a) 50 MVA ICT3	18 MW
					b) 132 KV MADHUBANI - PHULPARAS	PANTHER	1.Normally charged on NO load 2.Last loaded on 22.04.2019 with max load 33.5 MW)					b) 20 MVA ICT1	1.Normally charged on NO load
					c) 132 KV MADHUBANI - DARBHANGA	PANTHER	72.5 MW					c) 20 MVA ICT2	10 MW
					d) 132 KV MADHUBANI - BENIPATTI	PANTHER	43 MW						
					e) 132 KV MADHUBANI - JAYNAGAR	PANTHER	1.Normally charged on NO load 2.Last loaded on 09.05.2019 with max load 21.5 MW)						
4	132/33 Kv Pandal				a) 132 KV PANDAUL - DARBHANGA	PANTHER	68 MW					a) 50 MVA ICT1	29 MW
					b) 132 KV PANDAUL - PHULPARAS	PANTHER	33MW					b) 50 MVA ICT3	22 MW
					c) 132 KV PANDAUL - GANGWARA	PANTHER	20MW						

5	132/33 KV Jainagar		a) 132 KV JHANJHARPUR - JAYNAGAR	PANTHER	15 MW			a) 20 MVA ICT1	12 MW
			b) 132 KV JAYNAGAR - PHULPARAS	PANTHER	44 MW			b) 20 MVA ICT2	12 MW
			c) 132 KV BENIPATTI - JAYNAGAR	PANTHER	NL			c) 20 MVA ICT3	12 MW
			d) 132 KV MADHUBANI - JAYNAGAR	PANTHER	08MW				
6	132/33 KV Phulparas		a) 132 KV PANDAUL - PHULPARAS	PANTHER	33MW			a) 20 MVA ICT1	16 MW
			b) 132 KV PHULPARAS - NIRMALI S/C T/L	PANTHER	In BreakDown because of tower collapsed			b) 20 MVA ICT2	16 MW
			c) 132 KV PHULPARAS - SUPAUL S/C T/L	PANTHER	32MW				
			d) 132 KV MADHUBANI - PHULPARAS	PANTHER	1.Normally charged on NO load 2.Last loaded on 22.04.2019 with max load 33.4 MW)				
			e) 132 KV JHANJHARPUR - PHULPARAS	PANTHER	U/C				
			f) 132 KV JAYNAGAR PHULPARAS	PANTHER	30 MW				
7	132/33 KV Benipatti		a) 132 KV BENIPATTI - SURSAND	PANTHER	24MW			a) 20 MVA ICT1	12 MW
			b) 132 KV BENIPATTI - JAYNAGAR	PANTHER	1.Normally charged on NO load			b) 20 MVA ICT2	12 MW
			c) 132 KV MADHUBANI - BENIPATTI	PANTHER	44 MW				
8	132/33 KV Jhanjharpur		a) 132 KV JHANJHARPUR - JAYNAGAR	PANTHER	8 MW			a) 10 MVA ICT1	4 MW
			b) 132 KV JHANJHARPUR - PHULPARAS(bay is not ready at Phulparas end)	PANTHER	U/C			b) 10 MVA ICT2	4 MW
9	132/33 KV Darbhanga		a) 132 KV GANGWARA - DARBHANGA	PANTHER	50 MW			a) 50 MVA ICT1	23 MW
			b) 132 KV DARBHANGA - SAMASTIPUR	PANTHER	50 MW			b) 50 MVA ICT2	23 MW
			c) 132 KV DARBHANGA - MADHUBANI	PANTHER	60 MW				
			d) 132 KV PANDAUL - DARBHANGA	PANTHER	55 MW				
10	132/33 KV Kusheshwarsthan		a) BEGUSARAI - K.STHAN ckt1	PANTHER	1.Normally charged on NO load			a) 50 MVA ICT1	11 MW
			a) BEGUSARAI - K.STHAN ckt2	PANTHER	1.Normally charged on NO load			b) 50 MVA ICT2	11 MW
			b) 132 KV K.STHAN - DALSINGHSARAI	PANTHER	17MW				
			c) 132 KV K.STHAN - ROSERA	PANTHER	16MW				
			d) 132 KV D/C SONBARSA - K.STHAN	PANTHER	48 MW				
11	132/33 KV Gangawara		a) 132 KV GANGWARA - DARBHANGA	PANTHER	58 MW			a) 50 MVA ICT1	29 MW
			b) 132 KV PANDAUL - GANGWARA	PANTHER	20MW			b) 50 MVA ICT2	29 MW
								c) 50 MVA ICT3	NL

Muzaffarpur TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load	132KV Lines	Conductor type	Peak Load	220/132/33KV Transformer	Peak Load	220/132KV Transformer	Peak Load	132/33KV Transformer	Peak Load
1	132/33 Kv GSS Muzaffarpur				a)132 Kv MTPS-MUZ Ckt-I & II	Panther	130 MW					a) 50 MVA TR-I	28 MW
					b)132 Kv MUZ-SKMCH S/C	Panther	25 MW					b) 50 MVA TR-II	29 MW
					c)132 Kv Muz-Vaishali ckt-1	Panther	55 MW					c) 50 MVA TR-III	28 MW
					d)132 Kv Muz-Vaishali ckt-2	Panther	25 MW						
2	132/33 Kv GSS SKMCH				a)132 Kv MTPS-SKMCH D/C	Panther	117.2 MW					a)50 MVA TR-I	43.08 MW
					b)132 Kv SKMCH-Belsand S/C	Panther	48.80 MW					b)50 MVA TR-II	43.08 MW
					c)132 Kv MUZ-SKMCH S/C	Panther	25 MW						
					d)132 Kv MUSHARI-SKMCH D/C	ZEBRA	1. Normally, charged on no-load. 2. Loaded on dt. 10.06.2019 (60 MW)						
3	220/132/33 Kv GSS Motipur	a) 220 Kv DMTCL-Motipur D/C	ACSR Zebra	175 MW	a)132 Kv MTPS-Motipur S/C	Panther	1. Normally, charged on no-load. 2. Loaded on dt.20.01.2019 (60 MW)			a)160MVA TR1	65 MW	a)50 MVA TR1	10 MW
		b) 220 Kv MTPS-Motipur ckt-1	ACSR Zebra	140 MW	b)132 Kv Motipur-Motihari S/C	Panther	70 MW			b)160MVA TR2	65 MW	b)50 MVA TR2	10MW
		c) 220 Kv MTPS-Motipur ckt-2	ACSR Zebra	(at no load), bay not ready at MTPS end.	c)132 Kv Motipur-Chakiya S/C	Panther	28 MW					c)50 MVA TR3	10MW
		d) 220 Kv Mushari-Motipur D/C	ACSR Zebra	110 MW	d) 132 Kv Motipur -Mahwal TSS (Two phase)	Panther	8 MW						
4	220/132/33 Kv GSS Musahari	a) 220 Kv Motipur -Musahari D/C	ACSR Zebra	110 MW	a)132 Kv Musahari-Sitamarhi D/C	Panther	64.15 MW			a)160 MVA TR1	55 MW	a)50 MVA TR1	12 MW
		b) 220 Kv Musahari-Darbhanga ckt-1	ACSR Zebra	40 MW	b)132 Kv Musahari-SKMCH D/C	Zebra	1. Normally, charged on no-load. 2. Loaded on dt. 10.06.2019 (60 MW)			b)160 MVA TR2	55 MW	b)50 MVA TR2	12 MW
		b) 220 Kv Musahari-Darbhanga ckt-2	ACSR Zebra	Charged on no-load . As bay not ready at Darbhanga end.								c)50 MVA TR3	12 MW
5	132/33 Kv GSS Sitamarhi				a)132 Kv Sitamarhi-Runnisaidpur S/C	Panther	22 MW					a) 50 MVA ICT1	21 MW
					b)132 Kv Sitamarhi -Sheohar S/C	Panther	1. Normally, charged on no-load. 2. Loaded on dt. 10.06.2019 (15 MW)					b) 50 MVA ICT2	21 MW
					c)132 Kv Sitamarhi -Dhaka S/C	Panther	1. Normally, charged on no-load. 2. Loaded on dt. 08.06.2019 (15 MW)					c) 50 MVA ICT3	21 MW
					d) 132 Kv Sitamarhi-Musahari ckt-1	Panther	64.15 MW						
					e) 132 Kv Sitamarhi-Musahari ckt-2	Panther	Charged on no-load, as bay is not ready at Sitamarhi GSS.						

6	132/33 Kv GSS Runisaidpur		a)132 Kv Belsand -Runisaidpur S/C	Panther	24 MW			a) 20 MVA ICT1	12 MW
			b)132 kv Runisaidpur-Sitamarhi S/C	Panther	1. Normally, charged on no- load. 2. Loaded on dt. 17.06.2019 (15 MW)			b) 20 MVA ICT2	12 MW
7	132/33 Kv GSS Belsand		a)132 Kv SKMCH-Belsand S/C	Panther	31 MW			a)10 MVA ICT1	2.8 MW
			b) 132 Kv Runisaidpur-Belsand S/C	Panther	1. Normally, charged on no- load. 2. Loaded on dt. 04.05.2019 (5 MW)			b)10 MVA ICT2	2.8 MW
8	132/33 Kv GSS Sursand (Pupri)		a)132 Kv Benipatti-Pupri S/C	Panther	26 MW			a) 20 MVA ICT1	13 MW
								b) 20 MVA ICT2	13 MW
9	132/33 Kv GSS Sheohar		a)132 Kv Sitamarhi-Sheohar S/C	Panther	1. Normally, charged on no- load. 2. Loaded on dt. 15.06.2019 (28 MW)			a)50 MVA ICT1	13.5 MW
			b)132 Kv Dhaka-Sheohar S/C	Panther	23 MW			b)50 MVA ICT2	13.5 MW

VAISHALI TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load	132KV Lines	Conductor type	Peak Load	220/132/33KV Transformer	Peak Load	220/132KV Transformer	Peak Load	132/33KV Transformer	Peak Load
1	220/132 Kv GSS Hazipur (220 KV)	a) 220 kV Muzaffarpur(PG)-Hajipur ckt No.-01	ACSR Zebra	152.9 MW	a) 132 kV Hajipur(New)-Hajipur(Old) ckt no.-01	panther	45.60 MW	a) 100 MVA Transformer no-01	40 MW				
		b) 220 kV Muzaffarpur(PG)-Hajipur ckt No.-02	ACSR Zebra	152.8 MW	b) 132 kV Hajipur(New)-Hajipur(Old) ckt no.-02	panther	45.60 MW	b) 100 MVA Transformer no-02	41 MW				
		c) 220 kV BTPS-Hajipur ckt No.-01	ACSR Zebra	57.2 MW	c) 132 kV Hajipur-Jandaha	panther	51.80 MW	c) 100 MVA Transformer no-03	41.71 MW				
		d) 220 kV BTPS-Hajipur ckt No.-02	ACSR Zebra	(At no load). Breaker problem at BTPS end.	d) 132 kV Hajipur-Samastipur	panther	30 MW						
		e) 220 kV Hajipur-Amnour Ckt No.-01	ACSR Zebra	102.11 MW									
		f) 220 kV Hajipur-Amnour Ckt No.-02	ACSR Zebra	102.11 MW									
2	132/33 Kv GSS Hazipur (132 KV)				a) 132 kV Hajipur Ckt no. -01	panther	45.60 MW					a) 50 MVA Transformer no -01	27 MW
					b) 132 kV Hajipur Ckt no.-02	panther	45.60 MW					b)50 MVA Transformer no -02	27 MW
					c) 132 kV Hajipur-Chhapra trans. line	panther	1. Normally, charged on no-load. 2. Loaded on dt. 17.04.2019 (45 MW)					c) 50 MVA Transformer no -03	27MW
					d) 132 kV TSS Railway	panther	1-5 MW						
3	132/33 Kv GSS Vaishali				a)132 kV Muzaffarpur ckt no. -01	panther	55 MW					a) 20 MVA Transformer no-01	12 MW
					b)132 kV Muzaffarpur ckt no. -02	panther	25 MW					b) 20 MVA Transformer no-02	12 MW
					c)132 kV R.W.P Bela	panther	1. Normally, charged on no-load. 2. Loaded on dt. 13.06.2019 (16 MW)					c) 50 MVA Transformer no-03	30 MW
					d) 132 kV Sheetalpur Ckt no. -02	panther	1. Normally, charged on no-load. 2. Loaded on dt. 11.06.2019 (15 MW)						
4	132/33 Kv GSS Jandaha				a) 132 kV Hajipur- Jandaha line	panther	50 MW					a) 20 MVA Transformer no-01	1. Normally, charged on no-load. 2. Loaded on dt. 02.01.2019 (10 MW)
					b) 132 kV Samastipur- Jandaha line	panther	40.3 MW					b) 20 MVA Transformer no-02	13 MW
					c) 132 kV Jandaha- Mahnar line	panther	11 MW					c) 50 MVA Transformer no-02	35 MW

5	132/33 Kv GSS Mahnar		a) 132 kV Jandaha- Mahnar line	panther	11 MW				a) 20 MVA Transformer no-01	5.5 MW	
									b) 20 MVA Transformer no-02	5.5 MW	
6	132/33 Kv GSS Samastipur (Old)		a) 132KV D/C Samastipur (old) - Samastipur (New) Trans. Line	Zebra	160MW				a) 50MVA Transformer no. - 01	40MW	
			b) 132KV Samastipur -Dalsingsarai Trans. L/9	Panther	1. Normally, charged on no-load. 2. Loaded on dt. 13.06.2019 (40 MW)				b) 50MVA Transformer no. - 02	40MW	
			c) 132KV Samastipur - Begusarai Trans. L/10	Panther	50 MW				c) 20MVA Transformer No. - 01	10MW	
			d) 132KV Samastipur - Jandaha Trans. Line	Panther	45MW						
			e) 132KV Samastipur - Hajipur Trans. Line	Panther	20 MW						
			f) 132KV D/C Samastipur - MTPS	Panther	9 MW						
			g) 132KV Samastipur - Darbhanga Trans. Line	Panther	60MW						
			h) 132KV Samastipur - Samastipur TSS	Panther	06MW						
7	220/132/33 Kv Samastipur (new)/ Ujjarpur	a) 220KV Begusarai ckt-1	ZEBRA	45MW	a) 132 KV Samastipur ckt-1	Zebra	80 MW	a)160 MVA TR -1	80 MW	a) 50MVA TR-1	7 MW
		b) 220KV Begusarai ckt-2	ZEBRA	45MW	b) 132 KV Samastipur ckt-2	Zebra	80 MW	b)160MVA TR-2	80 MW	b) 50MVA TR-2	7 MW
		c) 220KV MTPS S/C ckt-2	ZEBRA	110MW	c)132kv Shahpurpatori S/C	Panther	GSS Shahpurpatori is charged on no-load.				
		d) 220KV MTPS S/C ckt-1	ZEBRA	Bay is not ready at MTPS end.							
		e) 220KV DMTCL S/C ckt-1	ZEBRA	150MW							
8	132/33 Kv Shahpurpatori		a) 132KV ShahpurPatori - Samastipur (New) S/C	Panther	GSS Shahpurpatori is charged on no-load				a)20MVA Transformer No. - 01	Defective	
									b) 20MVA Transformer No. - 02	Defective	
									c) 20MVA Transformer No. - 02	GSS Shahpurpatori is charged on no-load.	

9	132/33 KV Dalsinghsarai		a) 132KV Dalsinghasrai to Begusarai Trans. Line	Panther	40MW			a) 20MVA Transformer no. - 01	16 MW
			b) 132KV Dalsinghsarai to Samastipur (old)	Panther	1. Normally, charged on no-load. 2. Loaded on dt. 13.06.2019 (35 MW)			b) 20MVA Transformer no. - 02	16 MW
			c) 132KV Dalsinghsarai to Railway Bachwara TSS	Panther	14MW			c) 50MVA Transformer no. - 01	1. Normally, charged on no-load. 2. Loaded on dt. 06.06.2019 (28 MW)
			d) 132KV Dalsinghsarai to Kusheshwarsthan S/C T/L	Panther	1. Charged on no-load. 2. Loaded on dt. 12.06.2019 (18 MW)				
			e) 132KV Dalsinghsarai to Rosera S/C T/L	Panther	20 MW				
10	132/33 Kv Rosera		a) 132KV Rosera-Kusheshwarsthan Trans. Line	Panther	1. Charged on no-load. 2. Loaded on dt. 14.06.2019 (18 MW)			a) 20MVA Transformer No. - 01	10 MW
			b) 132KV Hasanpur Sugar Mil Trans. Line	Panther	7 MW			b) 20MVA Transformer No. - 01	10 MW
			c) 132KV Rosera-Dalsinghsarai Trans. Line	Panther	20 MW				

Saran (Chapra) TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load	132KV Lines	Conductor type	Peak Load	220/132/33KV Transformer	Peak Load	220/132KV Transformer	Peak Load	132/33KV Transformer	Peak Load
1	132/33 Kv GSS Chapra				a) 132 Kv Chapra-Hajipur S/C	panther	1. Normally, charged on no-load. 2. Loaded on dt. 17.04.2019 (27 MW)					a)ICT1 50 MVA	30 MW
					b) 132 Kv Chapra-Amnour D/C	Zebra	108 MW					b)ICT2 20 MVA	Charged on no-load. Loaded on dt. 18.03.2019 (10 MW)
					c) 132 Kv chapra-Ekma-Raghunathpur S/C	panther	20 MW					c)ICT3 50 MVA	30 MW
					d) 132 Kv Chapra-Sheetalpur S/C T/L	panther	30 MW						
2	132/33 Kv GSS Sheetalpur				a) 132 Kv Chapra-Sheetalpur S/C T/L	panther	43 MW					a)132/33KV 20 MVA TR 1	15 MW
					b) 132 kv Vaishali ckt no. -02	panther	1. Normally, charged on no-load. 2. Loaded on dt. 11.06.2019 (13.5 MW)					b)132/33KV 20 MVA TR2	13 MW
					c)132 kv R.W.P Bela	panther	16 MW						
3	132/33 Kv GSS Mashrakh				a)132 KV Gopalganj-Masrakh S/C	panther	38 MW					a) 20MVA T1	12 MW
					b)13 2KV Masrakh- Maharajganj S/C	panther	20.4 MW					b) 20MVA T2	12 MW
					c) 132 KV Masrakh-Siwan S/C	panther	1. Normally, charged on no-load. 2. Loaded on dt. 10.06.2019 (42MW)						
					d) 132 KV Masrakh-Mahrora S/C	panther	0.7 MW						
4	132/33 Kv GSS Ekma				a) 132 Kv chapra-Ekma-Raghunathpur S/C	panther	21.5 MW					a) 50 MVA ICT 1	21.5 MW
												b) 20 MVA ICT 2	1. Normally, charged on no-load. 2. Loaded on dt. 13.06.2019 (8.5 MW)
5	220/132/33 Kv GSS Amnour GIS	a) 220KV Hajipur ckt-1	ZEBRA	102.11 MW	a) 132 Kv Amnour- Chapra Ckt-1	Zebra	53.88 MW			a)160 MVA ICT1	101.39 MW	a)50 MVA ICT1	0 MW
		b) 220Kv Hajipur ckt-2	ZEBRA	102.11 MW	b) 132 Kv Amnour- Chapra Ckt-2	Zebra	53.75 MW			b)160 MVA ICT2	102.59 MW	b)50 MVA ICT2	07 MW
					c)132 Kv Amnour- Siwan Ckt-2	panther	41.14 MW						
					d)132 Kv Amnour- Siwan Ckt-1	panther	41.21 MW						

6	220/132/33 Kv GSS Gopalganj	a) 220 KV MTPS CKT 01	ZEBRA	105 MW	a) 132 KV Hatuha S/C T/L	panther	60 MW		a) 100 MVA 01	70 MW	a) 50 MVA 01	28 MW
		a) 220 KV MTPS CKT 02	ZEBRA	105 MW	b) 132 KV Masrakh S/C T/L	panther	60 MW		b) 100 MVA 02	70 MW	b) 50 MVA 02	28 MW
					c) 132 KV Areraj S/C T/L	panther	22 MW		c) 100 MVA 03	70 MW	c) 50 MVA 03	28 MW
					d) 132 KV Bettiah S/C T/L	panther	1. Normally, charged on no- load. 2. Loaded on dt. 18.05.2018 (40 MW)					
7	132/33 Kv GSS Hathua				a) 132 KV Hatuha S/C T/L	panther	52 MW		a) 20 MVA TR.NO.1		14 MW	
					b)132 KV Siwan S/C	panther	28 MW		b) 20MVA TR.NO.2		15 MW	
8	132/33 Kv GSS Siwan				a) 132 Kv Amnour- Siwan Ckt-2	panther	41.14 MW		a).20 MVA ICT1		1. Normally, charged on no- load. 2. Loaded on dt. 10.06.2019 (10MW)	
					b) 132 Kv Amnour- Siwan Ckt-1	panther	41.14 MW		b).50 MVA ICT2		38 MW	
					c) 132 KV Hatuha S/C T/L	panther	28 MW		c).50 MVA ICT3		38 MW	
					d) 132 KV Masrakh-Siwan S/C	panther	1. Normally, charged on no- load. 2. Loaded on dt. 10.06.2019 (42MW)					
					e) 132 Kv Raghunathpur S/C	panther	28 MW					
					f)132 Kv TSS Pachrukhi	panther	10MW					
9	132/33 Kv GSS Maharajganj				a)132KV Masrakh S/C	panther	27 MW		a)20 MVA ICT1		13.5 MW	
									b)20 MVA ICT1		13.5 MW	
10	132/33 Kv GSS Raghunathpur				a) 132 KV Siwan -S/C	panther	28 MW		a)50 MVA ICT-1		14 MW	
					b)132 Kv Chapra S/C	panther	1. Normally, charged on no- load. 2. Loaded on dt. 05.06.2019 (40 MW)		b) 50 MVA ICT-2		14 MW	

MOTIHARI TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load	132KV Lines	Conductor type	Peak Load	220/132/33KV Transformer	Peak Load	220/132KV Transformer	Peak Load	132/33KV Transformer	Peak Load
1	132/33 kv GSS Motihari				a) 132 Kv DMTCL-Motihari D/C	Panther	120 MW					a) 50 MVA ICT1	26 MW
					b) 132 kv Motihari-Dhaka D/C	Panther	60 MW					b) 50 MVA ICT2	26 MW
					c) 132 kv Motihari-Motipur	Panther	60 MW					c) 50 MVA ICT3	26 MW
					d) 132 kv Motihari-Bettiah	Panther	1. Normally, charged on no-load. 2. Loaded on dt. 10.06.2019 (41 MW)						
2	132/33 kv GSS Dhaka				a)132 kv Dhaka-Motihari D/C	Panther	66 MW					a) 20 MVA ICT1	13 MW
					b) 132 kv Dhaka-Sitamarhi S/C	Panther	1. Normally, charged on no-load. 2. Loaded on dt. 06.06.2019 (45 MW)					b) 20 MVA ICT2	13 MW
					c)132 kv Dhaka-Sheohar S/C	Panther	1. Normally, charged on no-load. 2. Loaded on dt. 17.06.2019 (22.5 MW)					c) 20 MVA ICT3	13 MW
					d) 132 kv Dhaka-Pakaridayal S/C	Panther	4.5 MW						
3	132/33 kv GSS Pakridayal				a) 132 kv Pakaridayal-Dhaka- S/C	Panther	4.5 MW					a) 20 MVA ICT1	2.25 MW
												b) 20 MVA ICT2	2.25 MW
4	132/33 kv GSS Chakia				a) 132 kv Chakiya-Motipur S/C	Panther	28 MW					a) 20 MVA ICT1	14 MW
												b) 20 MVA ICT2	14 MW
5	132/33 kv GSS Raxaul				a) Raxaul-DMTCL D/C	Panther	110 MW					a)50 MVA T1	34.5 MW
					b) 132 kv Raxaul- Bettiah D/C	Panther	1. Normally, charged on no-load. 2. Loaded on dt. 14.05.2019 (40 MW)					b)20 MVA T2	Defective
					c) 132 kv Raxaul- Parwanipur S/C	Panther	88.4 MW						
6	132/33 kv GSS Areraj				a) 132 kv Areraj-Gopalganj S/C	Panther	18 MW					a) 20 MVA ICT1	09 MW
					b) 132 kv Areraj-Bettiah S/C	Panther	1. Normally, charged on no-load. 2. Loaded on dt. 18.05.2019 (18 MW)					b) 20 MVA ICT2	09 MW

7	132/33 KV Narkatiaganj		a) Bettiah- Narkatiaganj- Ramnagar S/C T/L	PANTHER	16 MW			a) 20 MVA ICT 1	08 MW
								b) 20 MVA ICT 2	08 MW
8	132/33 KV Ramnagar		a) Ramnagar-Bettiah S/C T/L	PANTHER	77 MW			a) 50 MVA ICT1	35 MW
			b) Ramnagar-Valmikinagar Surjpura S/C T/L	PANTHER	40 MW			b) 20 MVA ICT2	11MW
								c) 20 MVA ICT3	11MW
9	132/33 KV Bettia		a) Bettiah-Raxaul ckt1	PANTHER	NL			a) 50MVA ICT 1	34 MW
			a) Bettiah-Raxaul ckt2	PANTHER	NL			b) 20 MVA ICT 2	11 MW
			b) Bettiah-Motihari S/C T/L	PANTHER	NL			c) 20 MVA ICT 3	12 MW
			c) Bettiah-DMTCL ckt1	PANTHER	70 MW				
			c) Bettiah-DMTCL ckt2	PANTHER	70 MW				
			d) Bettiah -Gopalganj S/C T/L	PANTHER	NL				
			e) Bettiha-Areraj S/C T/L	PANTHER	18 MW				
f) Bettiah-Ramnagar S/C T/L	PANTHER	75 MW							

Koshi TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load	132KV Lines	Conductor type	Peak Load	220/132/33KV Transformer	Peak Load	220/132KV Transformer	Peak Load	132/33KV Transformer	Peak Load
1	220/132 KV GSS Madhepura	a) 220KV Madhepura- Laukahi ckt1	Zebra	66MW	a) 132KV Madhepura-Supoul ckt1	Panther	69MW			a)100MVA ICT1	70 MW	a)50 MVA ICT1	22 MW
		b) 220KV Madhepura- Laukahi ckt2	Zebra	66MW	b) 132KV Madhepura-Supoul ckt2	Panther	60MW			b)100MVA ICT2	70 MW	b)20 MVA ICT2	15MW
		c) 220 kV Kishanganj (New)-Madhepura ckt1	Zebra	76MW	c) 132KV Madhepura-Sonebarsa ckt1	Panther	52MW			c)100MVA ICT3	70 MW	c)20 MVA ICT3	15MW
		d) 220 kV Kishanganj (New)-Madhepura ckt2	Zebra	76MW	d) 132KV Madhepura-Sonebarsa ckt2	Panther	54MW			d)100MVA ICT4	70 MW		
		e)220 KV Purnea (PG)- Madhepura ckt1	Zebra	94MW	e) 132KV Madhepura-Saharsa S/C	Panther	41MW						
		f)220 KV Purnea (PG)- Madhepura ckt2	Zebra	94 MW	f) 132KV Railway S/C	Panther	05MW						
2	132/33 KV GSS Udakishanganj				a) 132KV Saharsa-Udakishanganj S/C	Panther	NL(LAST LOAD ON 29.05.19 WITH MAX LOAD 30MW)			a)20 MVA ICT1			16.2MW
					b) 132KV Sonebarsa-Uda Kishanganj ckt1	Panther	32.4			b)20 MVA ICT2			16.2MW
					c) 132KV Sonebarsa-Uda Kishanganj ckt2	Panther	NL(LAST LOAD ON 21.04.19 WITH MAX LOAD 30.4MW)						
3	132/33KV GSS Saharsa				a) 132KV Madhepura-Saharsa S/C	Panther	38 MW			a)50 MVA ICT1			19 MW
					b) 132KV Saharsa-Udakishanganj S/C	Panther	1.Normally charged on NO load 2.Last loaded on29.05.2019 with max load 28MW)			b)50 MVA ICT2			19 MW
					c)132KV Banmankhi-Saharsha S/C	Panther	1.Normally charged on NO load 2.Last loaded on06.06.2019 with max load 32MW)						
4	132/33 KV GSS Sonebarsa				a) 132KV Madhepura-Sonebarsa ckt1	Panther	65 MW			a)20 MVA ICT1			9 MW
					b) 132KV Madhepura-Sonebarsa ckt2	Panther	65MW			b)20 MVA ICT2			9 MW
					c) 132KV Sonebarsa-Uda Kishanganj ckt1	Panther	35 MW						
					d) 132KV Sonebarsa-Uda Kishanganj ckt2	Panther	35 MW						
					e) 132 kV Sonebarsa-Kuseshwarshatan ckt1	Panther	35 MW						
					f) 132 kV Sonebarsa-Kuseshwarshatan ckt2	Panther	35 MW						
					g) 132KV Sonebarsa-Simri Bakhtiyarpur S/C	Panther	12 MW						
5	132/33 KV GSS Simribakhtiyarpur				a) 132KV Sonebarsa-Simri Bakhtiyarpur S/C	Panther	17 MW			a)20 MVA ICT1			8.5 MW
										b)20 MVA ICT2			8.5 MW

6	132/33 KV GSS Raghapur		a) GSS RAGHOPUR CHARGED BY TAPPING 132KV KATAIYA-SUPAUL D/C TRANS.LINE	PANTHER	22.5MW		a)50 MVA ICT1	22.5
			b)50 MVA ICT2	Charged on NO load				
			c)50 MVA ICT3	Charged on NO load				
7	132/33 KV GSS Supaul		a) 132KV Madhepura-Supoul ckt1	Panther	69MW		a)20 MVA ICT1	14.33MW
			b) 132KV Madhepura-Supoul ckt2	Panther	69MW		b)20 MVA ICT2	14.33MW
			c) 132KV Kataiya-Supoul ckt1	Panther	54MW		c)20 MVA ICT3	14.33MW
			d) 132KV Kataiya-Supoul ckt2	Panther	43MW			
			e) 132KV Supoul - Nirmali S/C	Panther	07MW			
			f) 132KV Phoolparas - Supoul S/C	Panther	1.Normally charged on NO load 2.Last loaded on19.09.2018 with max load 10MW)			
			g) 132 KV Supoul-Raghapur S/C	Panther	U/C			
8	132/33 KV GSS Kataiya, Birpur		a) Kataiya-Forbisganj ckt1	Panther	39.9MW		a)50 MVA ICT1	25.5MW
			b) Kataiya-Forbisganj ckt2	Panther	49.3MW		b)20 MVA ICT2	Charged on NO load
			c) Kataiya-Forbisganj ckt3	Panther	49.3MW		c) 20 MVA ICT3	Charged on NO load
			d) Kataiya-Supaul ckt1	Panther	43.2MW			
			e) Kataiya-Supaul ckt2	Panther	43.2MW			
			f) Kataiya-Duhabi(Nepal)	ACCR	117.7MW			
			g) 132 KV Kataiya-Kusaha(Nepal)	Panther	86.4MW			
9	132/33 KV GSS Nirmali		01)132 KV SUPAUL-NIRMALI T/L	Panther	5.488MW		a)20 MVA ICT1	1.Normally charged on NO load 2.Last loaded on06.06.2019 with max load 10MW)
			02)132 KV NIRMALI-PHULPARAS T/L	Panther	6.88MW		b)20 MVA ICT2	6.67MW
10	132/33 KV GSS Triveniganj		a)132 KV Purnea-Triveniganj S/C T/L	Panther	34.8MW		a)20 MVA ICT1	14.6MW
			(2) 132 KV TRIVENIGANJ-FORBESGANJ T/L	Panther	32.5MW		b)10 MVA ICT2	1.Normally charged on NO load 2.Last loaded on13.05.2019 with max load 14.6MW)

BEGUSARAI TRANSMISSION CIRCLE

Sl. No.	Name of GSS	220KV Lines	Conductor type	Peak Load	132KV Lines	Conductor type	Peak Load	220/132/33KV Transformer	Peak Load	220/132KV Transformer	Peak Load	132/33KV Transformer	Peak Load
1	220/132/33 KV Begusarai	a) Begusarai-Biharshariff ckt1	Zebra	141 MW	a) 132KV Dalsingsarai	Panther	63 MW	a) 100MVA T/F-1	78 MW			a) 50MVA T/F-1	23 MW
		b) Begusarai-Biharshariff ckt2	Zebra	163 MW	b) 132KV Samastipur	Panther	50 MW	b) 100MVA T/F-2	78 MW			b) 50MVA T/F-2	23 MW
		c) Begusarai- New Purnea(PG) ckt1	Zebra	53 MW	c) 132KV Kusheswarasthan - I	Panther	3 MW	c) 100MVA T/F-3	78 MW			c) 50MVA T/F-3	23 MW
		d) Begusarai- New Purnea(PG) ckt2	Zebra	65 MW	d) 132KV Kusheswarasthan - II	Panther	3 MW	d) 100MVA T/F-4	78 MW				
		e) Begusarai- Ujjayarpur ckt1	Zebra	70 MW	e) 132KV BTPS ckt1	Panther	44 MW						
		f) Begusarai- Ujjayarpur ckt2	Zebra	70 MW	f) 132KV Ballia S/C T/L	Panther	22 MW						
					g) 132KV Manjhaul S/C T/L	Panther	44 MW						
					h) 132KV Teghra S/C T/L	Panther	1 MW						
					i) 132KV BTPS ckt2	Panther	44 MW						
2	132/33 KV Balia				a) Begusarai-Ballia S/C T/L	Panther	23.4 MW					a) 10MVA Trf.-01	Charged on no load
					b) Ballia-Bakhri S/C T/L	Panther	5 MW					b) 50MVA Trf.-02	23.4 MW
3	132/33 KV Manjhaul				a) Begusarai-Manjhaul S/C T/L	Panther	34.8 MW					a) 50MVA Trf.-01	34.8 MW
					b) Manjhaul-Bakhri S/C T/L	Panther	11.8 MW					b) 10MVA Trf.-02	Charged on no load
4	132/33 KV Teghra				a) Begusarai-Teghra S/C T/L	Panther	2 MW					a) 20MVA	2 MW
5	132/33 KV Khagaria				a) BTPS Khagaria S/C T/L	Panther	48.4 MW					a) 50MVA Trf.-01	36.89 MW
					b) Purnea Khagaria S/C T/L	Panther	40 MW					b) 50MVA Trf.-02	11.54 MW
												c) 20MVA Trf.-03	Charged on no load
6	132/33 KV Bakhri				a) Manjhaul-Bakhri T/L	Panther	11.8 MW					a) 20MVA Trf.-01	0
					b) Bakhri-Balia T/L	Panther	5 MW					b) 20MVA Trf.-02	0
7	132/33 KV Jamalpur				a) Jamalpur-Tarapur S/C Trans. Line	AAAC Panther	15.7 MW					a) 50MVA Trf-1 (CGL)	31.41 MW
					b) Jamalpur-Lakhisarai S/C Trans. Line	ACSR Panther	53.2 MW					b) 50MVA Trf-2 (BBL)	23.54 MW
					c) Haveli Kharagpur-Jamalpur D/C ckt-I Trans. Line	ACSR Zebra	33.87 MW						
					d) Haveli Kharagpur-Jamalpur D/C ckt-II Trans. Line	ACSR Zebra	33.80 MW						
8	132/33 KV Tarapur				a) Sultanganj-Tarapur line	Panther	15.6 MW					a) 20MVA Trf.-01	8 MW
					b) Tarapur-Jamalpur line	Panther	15.1 MW					b) 20MVA Trf.-02	7.6 MW

9	220/132/33 KV Haveli Kharagpur GIS	a)Sekhopursarai-Havelikharagpu	HTLS Zebra	32 MW	a)Havelikharagpur-Sultanganj ckt-1	ACSR Zebra	38.9 MW		a)160 MVA T1	61.8 MW	a)50 MVA T1	0 MW				
		b)Sekhopursarai-Havelikharagpu	HTLS Zebra	30.9 MW	b)Havelikharagpur-Sultanganj ckt-2	ACSR Zebra	40.7 MW					b)50 MVA T2	8 MW			
		c)Havelikharagpur-Goradih ckt-1	HTLS Zebra	6 MW	c)Havelikharagpur-Lakhisarai ckt-1	AAAC Panther	0 MW									
		d)Havelikharagpur-Goradih ckt-2	HTLS Zebra	2 MW	d)Havelikharagpur-Lakhisarai ckt-2	AAAC Panther	0 MW									
					e)Havelikharagpur-Jamalpur ckt-1	AAAC Panther	32.3 MW									
					f)Havelikharagpur-Jamalpur ckt-2	AAAC Panther	32.3 MW									
10	132/33 KV Lakhisarai				a) Lakhisarai-PGCIL D/C Trans. Line	Panther	104 MW									a) 50MVA Trf. - 01
					b) Lakhisarai-Jamalpur S/C Trans. Line	Panther	52 MW			b) 20MVA Trf. - 02	Charged on no load					
					c) Lakhisarai-Hathidah S/C Trans. Line	Panther	32 MW				c) 20MVA Trf. - 03	14 MW				
					d) Lakhisarai-Haveli Kharagpur D/C Trans. Line	Panther	44 MW									
					e) Lakhisarai-Jamui S/C Trans. Line	Panther	30 MW									
					f) Lakhisarai-Sheikhpura S/C Trans. Line	Panther	NL									
					g) Lakhisarai-Railway TSS S/C Trans. Line	Panther	15 MW									
		11	132/33 KV Jamui				a) D/C PGCIL (Lakhisarai)- Jamui Trans. Line								Panther	120 MW
				b) S/C Jamui-Lakhisarai Trans. Line	Panther	30 MW		b) 20MVA Trf. - 02							Charged on no load	
				c) D/C Jamui-TSS Jhajha Trans. Line	Panther	25 MW			c) 50MVA Trf. - 03						27 MW	
				d) D/C Jamui-Sheikhpura Trans. Line	Panther	43 MW										
				e) D/C Jamui-Jamui (New) Trans. Line	Panther	Charged on no load										
12	132/33 KV Jamui (new)										a)Banka(New)-Jamui (New) ckt 1	Panther			12.2 MW	
					b)Banka(New)-Jamui (New) ckt 2	Panther					Charged on no load					
					c)Jamui(New)-Jamui (Old) ckt 1	Panther	29 MW									
					c)Jamui(New)-Jamui (Old) ckt 2	Panther	Charged on no load									