

**INTERNAL  
OPERATING PROCEDURE  
FOR  
CHHATTISGARH STATE GRID**

## CHAPTER – 2: LOAD SHEDDING PROCEDURE

2.0 As per mandate in the Act and various regulations notified there under such as IEGC, CSEGC, the State Load Despatch Centre (SLDC) is entrusted for ensuring the integrated grid operations and for achieving the maximum economy and efficiency in the operation of power system, safe, secure and integrated operation of the State grid.

All the licensees, generating companies, generating stations, substations and any other person connected with the operation of the power system shall co operate SLDC for safe, secure and integrated operation of the State grid.

2.1 In the view of the above, the Commission hereby approves emergency (unscheduled) load shedding plan as mentioned in the enclosed document.

2.2 Entities connected to grid should ensure that the directions issued by SLDC in this regard are complied. Failing to these compliance, suitable action shall be taken as per provisions in the Act.

(2) (5)

**ABSTRACT OF PROPOSED LOAD SHEDDING/GROUP OPERATION/UNDER FREQUENCY/DF/DT Operation**

**(A) Industrial Group**

	Max.Load in MW	Av.Load in MW
Group-I	144	115.2
Group-II	102.0	81.6
Group-III	115.0	92
Group-IV	103.0	82.4
<b>Total</b>	<b>464</b>	<b>371.2</b>

**(B) Town/Rural Feeders**

NO	NAME OF CIRCLE	NAME OF DISTRICT	GROUP-NO	Max.Load in MW	Av.Load in MW
1	Raigarh	Raigarh	A	119.5	83.65
2	Raigarh/Mahasamund	Raigarh/Mahasamund	B	113.5	79.45
3	Mahasamund	Mahasamund	C	129.5	90.65
4	Raipur O&M/Mahasamund	B.Bazar/Mahasamund	D	131.5	92.05
5	Champa	Champa	E	155.9	109.13
6	Bilaspur/Korba	Bilaspur/Korba	F	127.5	89.25
7	Bilaspur O&M	Bilaspur/Mungeli	G	122	85.4
8	Durg O&M	Bemetara/Durg	H	116	81.2
9	Raipur O&M/Durg O&M	B.Bazar/Durg/Balod/Raipur/Dhamtari	I	160.3	112.21
10	Raipur O&M/Mahasamund	Raipur/Dhamtari/Gariyaband	J	150.4	105.28
<b>Total</b>				<b>1326.1</b>	<b>928.3</b>

**(C) Under Frequency**

Setting	Load in MW
49.2	154.2
49.0	150.6
48.8	164.5
48.6	157.8

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(L) DF/DT Relay Operation

<b>Stage-I</b>	132 KV Simga-Tulsi	30
<b>Stage-II</b>	132 KV Saja-Gandai	15
	132 KV Magarlod-Gariyaband	20
<b>Stage-III</b>	132 KV Pathalgaon-Jashpur,	25
	132 KV Pratappur-Balrampur	15
	132 KV Doma-Patan	25
	132 KV Rajnandgaon-Dongargaon	30
	132 KV B.Bazar-Kasdol	20
		<b>180</b>

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Feeders selected for load shedding-Final

A) Industrial Feeders

**Industrial Group-I**

No	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW	Remarks
1	RAIPUR	Raipur City-11	Raipur	220 KV Urla	33 KV Urla-I	IND	5.0	Ind.
2	RAIPUR	Raipur City-11	Raipur	220 KV Urla	33 KV Alok	IND	12.0	Ind.
3	RAIPUR	Raipur City-11	Raipur	220 KV Urla	33 KV Heera	IND	7.0	Ind.
4	RAIPUR	Raipur City-11	Raipur	220 KV Urla	33 KV Pankaj	IND	7.0	Ind.
5	RAIPUR	Raipur City-11	Raipur	220 KV Urla	33 KV Inaba Steel	IND	7.0	Ind.
6	RAIPUR	Raipur City-11	Raipur	220 KV Urla	33 KV Sarora	IND	12.0	Ind.
7	RAIPUR	Raipur City-11	Raipur	220 KV Urla	33 KV Kabir Nagar	IND	10.0	Ind.
8	RAIPUR	Raipur City-11	Raipur	132 KV Sector-C Urla	33 KV Bhawani	IND	13.0	Ind.
9	RAIPUR	Raipur City-11	Raipur	132 KV Sector-C Urla	33 KV Chhattisgarh	IND	20.0	Ind.
10	RAIPUR	Raipur City-11	Raipur	132 KV Sector-C Urla	33 KV Vandana	IND	9.0	Ind.
11	RAIPUR	Raipur City-11	Raipur	132 KV Sector-C Urla	33 KV PIL	IND	15.0	Ind.
12	RAIPUR	Raipur City-11	Raipur	132 KV Sector-C Urla	33 KV R. Narayan	IND	13.0	Ind.
13	RAIPUR	Raipur City-11	Raipur	132 KV Sector-C Urla	33 KV Rathu Sariya	IND	6.0	Ind.
14	RAIPUR	Raipur City-11	Raipur	132 KV Sector-C Urla	33 KV Avinash	IND	8.0	Ind.

144.0

**Industrial Group-II**

No	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW	Remarks
1	RAIPUR	Raipur City-11	Raipur	220 KV Siltara	33 KV Indian Oil	IND	5.0	Ind.
2	RAIPUR	Raipur City-11	Raipur	220 KV Siltara	33 KV Jorawar	IND	5.5	Ind.
3	RAIPUR	Raipur City-11	Raipur	220 KV Siltara	33 KV Aster	IND	10.0	Ind.
4	RAIPUR	Raipur City-11	Raipur	220 KV Siltara	33 KV CG Ispat	IND	11.0	Ind.
5	RAIPUR	Raipur City-11	Raipur	220 KV Siltara	33 KV Hanuman	IND	14.5	Ind.
6	RAIPUR	Raipur City-11	Raipur	220 KV Siltara	33 KV Nandan	IND	15.0	Ind.
7	RAIPUR	Raipur City-11	Raipur	220 KV Siltara	33 KV Gagan	IND	5.0	Ind.
8	RAIPUR	Raipur City-11	Raipur	220 KV Siltara	33 KV New Drolia	IND	4.5	Ind.
9	RAIPUR	Raipur City-11	Raipur	220 KV Siltara	33 KV Euro Pratik	IND	10.5	Ind.
10	RAIPUR	Raipur City-11	Raipur	220 KV Siltara	33 KV Cycle Park	IND	14.0	Ind.
11	RAIPUR	Raipur City-11	Raipur	220 KV Siltara	33 KV Baldeo Alloys	IND	3.5	Ind.
12	RAIPUR	Raipur City-11	Raipur	220 KV Siltara	33 KV Sunil Sponge	IND	3.5	Ind.

102.0

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**Industrial Group-III**

No	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW	Remarks
1	RAIPUR	Raipur City-11	Raipur	132 KV S/S Birgaon	33 KV Simplex	IND	11.0	Ind.
2	RAIPUR	Raipur City-11	Raipur	132 KV S/S Birgaon	33 KV HTC - I	IND	10.0	Ind.
3	RAIPUR	Raipur City-11	Raipur	132 KV S/S Birgaon	33 KV Urla-II	IND	8.0	Ind.
4	RAIPUR	Raipur City-11	Raipur	132 KV S/S Birgaon	33 KV Siltara	IND	5.0	Ind.
5	RAIPUR	Raipur City-11	Raipur	132 KV S/S Birgaon	33 KV HTC II	IND	7.0	Ind.
6	RAIPUR	Raipur City-11	Raipur	132 KV S/S Birgaon	33 KV HTC III	IND	6.0	Ind.
7	RAIPUR	Raipur City-11	Raipur	132 KV S/S Birgaon	33 KV Mahesh	IND	2.0	Ind.
8	RAIPUR	Raipur City-11	Raipur	132 KV Borjhara	33 KV Alankar	IND	7.5	Ind.
9	RAIPUR	Raipur City-11	Raipur	132 KV Borjhara	33 KV Balaji	IND	10.5	Ind.
10	RAIPUR	Raipur City-11	Raipur	132 KV Borjhara	33 KV Shilpi	IND	12.0	Ind.
11	RAIPUR	Raipur City-11	Raipur	132 KV Heera Pooling	33 KV R.R.Feeder	IND	7.0	Ind.
12	RAIPUR	Raipur City-11	Raipur	132 KV Heera Pooling	33 KV Gravity	IND	12.0	Ind.
13	RAIPUR	Raipur City-11	Raipur	132 KV Heera Pooling	33 KV Metal Park	IND	2.0	Ind.
14	RAIPUR	Raipur City-11	Raipur	132 KV Heera Pooling	33 KV Venketeshwar	IND	7.0	Ind.
15	RAIPUR	Raipur City-11	Raipur	132 KV Heera Pooling	33 KV Rotocast	IND	8.0	Ind.
							<b>115.0</b>	

**Industrial Group-IV**

No	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW	Remarks
	RAIPUR	Raipur City-11	Raipur	132 KV S/S Gudhiyari	33 KV Birgaon I/C	IND	2	Ind.
	RAIPUR	Raipur City-11	Raipur	132 KV S/S Gudhiyari	33 KV PIL	IND	11.0	Ind.
	RAIPUR	Raipur O&M	Baloda Bazar	220 KV Suhela	33 KV Suhela(Industries)	IND	0.5	Ind.
	RAIPUR	Raipur O&M	Baloda Bazar	220 KV Suhela	33 KV Jaroud	IND	3.0	R+HT
	RAIPUR	Raipur O&M	Baloda Bazar	220 KV Suhela	33 KV Shree Cement	IND	0.5	Ind.
	DURG	Durg City	Durg	132 KV S/S Bhilai	33 KV Chhawani Industrial-III	IND	10.0	Ind.
	DURG	Durg City	Durg	132 KV S/S Bhilai	33 KV Industrial	IND	4.0	Ind.
	DURG	Durg City	Durg	132 KV S/S Bhilai	33 KV Chhawani Industrial II	IND	3.5	Ind.
	DURG	Durg City	Durg	132 KV S/S Bhilai	33 KV Kumhari Ind.	IND	2.0	Ind.
	DURG	Durg City	Durg	132 KV S/S Bhilai	33 KV Simplex	IND	8.0	Ind.
	DURG	Durg City	Durg	132 KV Kurud (Bhilai)	33 KV Kurud Ind.	IND	7.0	Ind.
	DURG	Durg City	Durg	132 KV Kurud (Bhilai)	33 KV Jevera Sirsa	IND	2.0	Indl.
	DURG	Durg City	Durg	132 KV Kurud (Bhilai)	33 KV Nandni Rd. Industrial	IND	2.0	Ind.
	DURG	Durg City	Durg	132 KV Rasmada	Nagpura Indl	IND	4.5	Ind.
	BILASPUR	Raigarh	Raigarh	132 KV S/S Gharghoda	33 KV Sharda Energy	IND	3.0	Ind.
	BILASPUR	Raigarh	Raigarh	132 KV S/S Gharghoda	33 KV Gerwani	IND	10.0	Ind.
	BILASPUR	Bilaspur	Bilaspur	132 KV Silpahari	33 KV Silpahari indl-I	IND	10.0	R+Indl
	BILASPUR	Bilaspur	Bilaspur	132 KV Chakarbhata	33 KV Mangal Iron Sponge	IND	1.0	Indl.
	BILASPUR	Bilaspur	Bilaspur	132 KV Chakarbhata	33 KV Nowa	IND	11.0	R+Indl
	Rajnandgaon	Rajnandgaon	Rajnandgaon	132 KV Rajnandgaon	33 KV Sai Chemical	IND	5.0	Ind.
	Rajnandgaon	Rajnandgaon	Rajnandgaon	132 KV Rajnandgaon	33 KV Durg-I	IND	3.0	Ind.
							<b>103.0</b>	
				<b>Total</b>			<b>464.0</b>	

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1) Groupwise proposal for load shedding on Town/Rural feeders  
Group-A

No	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW	Remarks
1	BILASPUR	Raigarh	Raigarh	220 KV S/S Raigarh	33 KV Sarangarh-1	A	15.0	Rural
2	BILASPUR	Raigarh	Raigarh	220 KV S/S Raigarh	33 KV Kharsiya	A	3.0	Rural
3	BILASPUR	Raigarh	Raigarh	220 KV S/S Raigarh	33 KV Gharghoda	A	14.0	T/Ind.
4	BILASPUR	Raigarh	Raigarh	132 KV S/S Raigarh	33 KV Sarangarh-II	A	5.0	Rural
5	BILASPUR	Raigarh	Raigarh	132 KV S/S Raigarh	33 KV Kusmura	A	7.5	Rural
6	BILASPUR	Raigarh	Raigarh	132 KV S/S Raigarh	33 KV Kondatarai	A	7.0	Rural
7	Bilaspur	Raigarh	Raigarh	132 KV S/S Raigarh	11 KV Gharghoda	A	0.0	Rural
8	BILASPUR	Raigarh	Raigarh	132 KV Baramkela	33 KV Baramkela	A	5.0	Rural
9	BILASPUR	Raigarh	Raigarh	132 KV Baramkela	33 KV Lendhra	A	5.0	Rural
10	BILASPUR	Raigarh	Raigarh	132 KV Baramkela	33 KV Sariya	A	8.0	Rural
11	BILASPUR	Raigarh	Raigarh	132 KV Baramkela	33 KV Salheona	A	8.0	Rural
12	BILASPUR	Raigarh	Raigarh	132 KV S/S Gharghoda	33 KV Lailunga	A	5.0	Rural
13	BILASPUR	Raigarh	Raigarh	132 KV S/S Gharghoda	33 KV Gharghoda	A	7.5	Town
14	BILASPUR	Raigarh	Raigarh	132 KV S/S Gharghoda	33 KV Tamnar	A	5.0	Town
15	BILASPUR	Raigarh	Raigarh	132 KV Kharsiya(Chaple)	33 KV Nandeli	A	6.0	Rural
16	BILASPUR	Raigarh	Raigarh	132 KV Kharsiya(Chaple)	33 KV Madanpur	A	8.5	Rural
17	BILASPUR	Raigarh	Raigarh	132 KV Kharsiya(Chaple)	33 KV Belwadih	A	10.0	Rural
							<b>119.5</b>	

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## Group-B

No	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW	Remarks
1	BILASPUR	Raigarh	Raigarh	132 KV S/S Saranggarh	33 KV Saraipali	<b>B</b>	10.0	Rural
2	BILASPUR	Raigarh	Raigarh	132 KV S/S Saranggarh	33 KV Baramkela	<b>B</b>	17.0	Rural
3	BILASPUR	Raigarh	Raigarh	132 KV S/S Saranggarh	33 KV Sarsiwa	<b>B</b>	17.0	Rural
4	BILASPUR	Raigarh	Raigarh	132 KV S/S Saranggarh	33 KV Saranggarh(T)	<b>B</b>	14.0	Town
5	RAIPUR	Mahasamund	Mahasamund	220 KV Saraipali	33 KV Basana II	<b>B</b>	16.5	Rural
6	RAIPUR	Mahasamund	Mahasamund	220 KV Saraipali	33 KV Basana I	<b>B</b>	16.0	Rural
7	RAIPUR	Mahasamund	Mahasamund	220 KV Saraipali	33KV Basna III(Navarangpur)	<b>B</b>	12.5	Rural
8	RAIPUR	Mahasamund	Mahasamund	220 KV Saraipali	33 KV Saraipali	<b>B</b>	10.5	Town
							<b>113.5</b>	

## Group-C

No	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW	Remarks
1	RAIPUR	Mahasamund	Mahasamund	220 KV Saraipali	33 KV Basna IV	<b>C</b>	10.5	Rural
2	RAIPUR	Mahasamund	Mahasamund	220 KV Saraipali	33 KV Baloda	<b>C</b>	12.5	Rural
3	RAIPUR	Mahasamund	Mahasamund	220 KV Saraipali	33 KV Sagarpari	<b>C</b>	10.5	Rural
4	RAIPUR	Mahasamund	Mahasamund	220 KV Saraipali	33 KV Baldidih	<b>C</b>	12.5	Rural
5	RAIPUR	Mahasamund	Mahasamund	132 KV Jhalap	33 KV Jhalap	<b>C</b>	9.5	Rural
6	RAIPUR	Mahasamund	Mahasamund	132 KV Jhalap	33 KV Pithora	<b>C</b>	12.0	Rural
7	RAIPUR	Mahasamund	Mahasamund	132 KV Jhalap	33 KV Raitum	<b>C</b>	10.5	Rural
8	RAIPUR	Mahasamund	Mahasamund	132 KV Jhalap	33 KV Bawankera	<b>C</b>	15.5	Rural
9	RAIPUR	Mahasamund	Mahasamund	132 KV Sankara	33 KV Baldidih	<b>C</b>	12.0	Rural
10	RAIPUR	Mahasamund	Mahasamund	132 KV Sankara	33 KV Paraswani	<b>C</b>	10.0	Rural
11	RAIPUR	Mahasamund	Mahasamund	132 KV Sankara	33 KV Bhagat Deori	<b>C</b>	14.0	Rural

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**Group-E**

No	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW	Remark
1	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Champa	33 KV Bamhanidih-I	E	8.0	Rural
2	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Champa	33 KV Bamhanidih-II	E	7.0	Town
3	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Champa	33 KV Urga	E	12.5	Rural
4	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Champa	33 KV Sakti	E	9.5	Rural
5	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Champa	33 KV Kharsia	E	2.0	Rural
6	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Sakti	33 KV Malkharoda-I	E	11.0	Rural
7	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Sakti	33 KV Faguram-I	E	9.0	Rural
8	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Sakti	33 KV Faguram-II	E	12.0	Rural
9	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Sakti	33 KV Malkharoda-II	E	0.0	Rural
10	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Sakti	33 KV Nadelibhatta	E	0.0	Rural
11	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Sakti	33 KV Sakti	E	16.0	Town
12	BILASPUR	Janjgir-Champa	Janjgir	220 KV Banari (Champa)	33 KV Nawagarh	E	13.0	Rural
13	BILASPUR	Janjgir-Champa	Janjgir	220 KV Banari (Champa)	33 KV Shyam Agro	E	7.5	Town
14	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Akaltara	33 KV Shivarinarayan	E	17.0	Rural
15	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Akaltara	33 KV Baloda	E	14.0	Rural
16	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Akaltara	33 KV Janjgir	E	0.4	Rural
17	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Akaltara	33 KV Akaltara-1	E	11.0	Rural
18	BILASPUR	Janjgir-Champa	Janjgir	132 KV S/S Akaltara	33 KV Akaltara-II	E	6.0	Town

**155.9****Group-F**

No	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW	Remarks
	BILASPUR	Bilaspur O&M	Bilaspur	132 KV Chakarbhatha	33 KV Sargaon	F	9.0	Rural
	BILASPUR	Bilaspur City	Bilaspur	220 KV S/s Mopka	33 KV Seepat	F	10.0	Rural
	BILASPUR	Bilaspur City	Bilaspur	220 KV S/s Mopka	33 KV NTPC-I	F	7.5	Rural
	BILASPUR	Bilaspur City	Bilaspur	220 KV S/s Mopka	33 KV NTPC-II	F	7.0	Rural
	BILASPUR	Bilaspur City	Bilaspur	132 KV S/S Bilaspur	33 KV Akaltara	F	10.5	Rural
	BILASPUR	Bilaspur City	Bilaspur	132 KV S/S Bilaspur	33 KV Kota	F	16.0	Rural
	BILASPUR	Bilaspur City	Bilaspur	132 KV S/S Bilaspur	33 KV Belgahna	F	15.5	Rural
	BILASPUR	Bilaspur City	Bilaspur	132 KV S/S Bilaspur	33 KV Takhatpur	F	14.0	Rural
	BILASPUR	Bilaspur O&M	Bilaspur	220 KV S/S Kotmikala,	33 KV Kotmikala	F	5.0	Rural
	BILASPUR	Bilaspur O&M	Bilaspur	220 KV S/S Kotmikala,	33 KV Marwahi	F	5.0	Rural
	BILASPUR	Bilaspur O&M	Bilaspur	220 KV S/S Kotmikala,	33 KV Gaurela	F	9.0	Rural
	BILASPUR	Bilaspur O&M	Bilaspur	220 KV S/S Kotmikala,	33 KV Pendra	F	6.0	Rural
	BILASPUR	Korba	Korba	132 KV Darri	33 KV Katghora Town	F	13.0	

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**Group-G**

No	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW	Remarks
	BILASPUR	Bilaspur O&M	Bilaspur	132 KV S/S Kota	33 KV Kota	G	5.0	Rural
	BILASPUR	Bilaspur O&M	Bilaspur	132 KV S/S Kota	33 KV Belgahana	G	4.0	Rural
	BILASPUR	Bilaspur O&M	Bilaspur	132 KV S/S Kota	33 KV Kargi Kala-Lormi	G	8.0	Rural
	BILASPUR	Bilaspur O&M	Bilaspur	132 KV S/S Kota	33 KV Ratanpur	G	6.0	Rural
	BILASPUR	Bilaspur O&M	Bilaspur	132 KV Silpahari	33 KV Malhar	G	10.0	Rural
	BILASPUR	Bilaspur O&M	Bilaspur	132 KV Silpahari	33 KV Bartori	G	10.0	Rural
	BILASPUR	Bilaspur O&M	Bilaspur	132 KV Silpahari	33 KV Silpahari Indl-II	G	10.0	Town
	BILASPUR	Bilaspur O&M	Bilaspur	132 KV Silpahari	33 KV Torwa	G	8.0	Town
	BILASPUR	Bilaspur O&M	Bilaspur	132 KV S/S Pathariya	33 KV Pathariya	G	6.0	Rural
	BILASPUR	Bilaspur O&M	Bilaspur	132 KV S/S Pathariya	33 KV Sargaon	G	0.0	Rural
	BILASPUR	Bilaspur O&M	Mungeli	132 KV S/S Mungeli	33 KV Lormi	G	11.0	Rural
	BILASPUR	Bilaspur O&M	Mungeli	132 KV S/S Mungeli	33 KV Patharia	G	10.5	Rural
	BILASPUR	Bilaspur O&M	Mungeli	132 KV S/S Mungeli	33 KV Manoharpur Pump	G	5.5	Rural
	BILASPUR	Bilaspur O&M	Mungeli	132 KV S/S Mungeli	33 KV Pandariya	G	7.5	Rural
	BILASPUR	Bilaspur O&M	Mungeli	132 KV S/S Mungeli	33 KV Fasterpur	G	8.5	Rural
	BILASPUR	Bilaspur O&M	Mungeli	132 KV S/S Mungeli	33 KV Thakhatpur	G	12.0	Rural
							<b>122.0</b>	

**Group-H**

No	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW	Remarks
	DURG	Durg O&M	Bemetara	220 KV Bemetara	33 KV Matka	H	7.0	Rural
	DURG	Durg O&M	Bemetara	220 KV Bemetara	33 KV Bemetara Rural	H	10.0	Rural
	DURG	Durg O&M	Bemetara	132 KV S/S Dhamdha	33 KV Parpodi	H	5.0	Rural
	DURG	Durg O&M	Bemetara	132 KV S/S Dhamdha	33 KV Saja	H	4.5	Rural
	DURG	Durg O&M	Bemetara	132 KV S/S Dhamdha	33 KV Dargaon	H	6.0	Rural
	DURG	Durg O&M	Bemetara	132 KV S/S Dhamdha	33 KV Litiya	H	9.0	Rural
	DURG	Durg O&M	Bemetara	132 KV S/S Dhamdha	33 KV Dhamdha	H	7.0	Town
	DURG	Durg O&M	Bemetara	132 KV S/S Dhamdha	33 KV Nankatti	H	6.0	Rural
	DURG	Durg O&M	Bemetara	132 KV Nawagarh	33 KV Nawagarh	H	7.5	Town
	DURG	Durg O&M	Bemetara	132 KV Nawagarh	33 KV Sambalpur	H	8.0	Rural
	DURG	Durg O&M	Bemetara	132 KV Nawagarh	33 KV Marka	H	5.0	Rural
	DURG	Durg O&M	Bemetara	132 KV Nawagarh	33 KV Chhirha	H	8.0	Rural
	DURG	Durg O&M	Bemetara	132 KV Saja	33 KV Saja	H	7.0	Rural
	DURG	Durg O&M	Bemetara	132 KV Saja	33 KV Bortara	H	4.0	Rural
	DURG	Durg O&M	Bemetara	132 KV Saja	33 KV Mohgaon	H	12.0	Rural
	DURG	Durg O&M	Bemetara	132 KV Saja	33 KV Thelka	H	9.0	Rural
	DURG	Durg O&M	Durg	132 KV Bhilai	33 KV Patan	H	1.0	Rural

**116.0**

*Approved Copy*

**Group-I**

I.No	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW	Remark
1	RAIPUR	Raipur O&M	Baloda Bazar	132 KV S/S Simga	33 KV Bemetara-II	I	3.4	Rural
2	RAIPUR	Raipur O&M	Baloda Bazar	132 KV S/S Simga	33 KV Bilaspur	I	17.0	Rural
3	RAIPUR	Raipur O&M	Baloda Bazar	132 KV S/S Simga	11 KV Limtara	I	1.8	Rural
4	RAIPUR	Raipur O&M	Baloda Bazar	132 KV S/S Simga	11 KV Hathbandh	I	1.8	Rural
5	RAIPUR	Raipur O&M	Baloda Bazar	132 KV S/S Simga	11 KV Baikunth	I	1.9	Rural
6	RAIPUR	Raipur O&M	Baloda Bazar	132 KV S/S Simga	11 KV Town	I	1.6	Town
7	RAIPUR	Raipur O&M	Raipur	220 KV Doma	33 KV Raweli	I	6.0	Rural
8	RAIPUR	Raipur O&M	Raipur	132 KV Kuhera	33 KV Pond	I	5.0	Rural
9	RAIPUR	Raipur O&M	Dhamtari	132 KV S/S Dhamtari	33 KV Amdi	I	14.0	Rural
10	RAIPUR	Raipur O&M	Dhamtari	132 KV S/S Dhamtari	33 KV Basin	I	9.5	Rural
11	RAIPUR	Raipur O&M	Dhamtari	132 KV S/S Dhamtari	11 KV Purur	I	1.4	Rural
12	RAIPUR	Raipur O&M	Dhamtari	132 KV S/S Dhamtari	33 KV Abhanpur	I	15.0	Rural
13	RAIPUR	Raipur O&M	Dhamtari	132 KV S/S Dhamtari	33 KV Bakhara	I	12.5	Rural
14	RAIPUR	Raipur O&M	Dhamtari	132 KV S/S Dhamtari	33 KV Kharenga	I	7.0	Rural
15	RAIPUR	Raipur O&M	Dhamtari	132 KV S/S Dhamtari	33 KV Chhati	I	10.2	Rural
16	DURG	Durg O&M	Balod	220 KV S/S Gurur	33 KV Balod	I	3.0	Rural
17	DURG	Durg O&M	Balod	220 KV S/S Gurur	33 KV Gurur	I	3.5	Rural
18	DURG	Durg O&M	Balod	220 KV S/S Gurur	33 KV Nipani	I	4.0	Rural
19	DURG	Durg O&M	Balod	220 KV S/S Gurur	33 KV Palari	I	6.7	Rural
20	DURG	Durg O&M	Balod	132 KV S/S Balod	33 KV Balod-1	I	10.0	Rural
21	DURG	Durg O&M	Balod	132 KV S/S Balod	33 KV Latabod	I	0.0	Rural
22	DURG	Durg O&M	Balod	132 KV S/S Balod	33 KV Sakara	I	8.0	Rural
23	DURG	Durg O&M	Balod	132 KV Gunderdehi	33 KV Sikosa	I	4.0	Rural
24	DURG	Durg O&M	Balod	132 KV Gunderdehi	33 KV Rewagahan	I	4.0	Rural
25	DURG	Durg O&M	Balod	132 KV Gunderdehi	33 KV Arjunda	I	5.0	Rural
26	DURG	Durg O&M	Balod	132 KVDalli Rajhara	33 KV Lohara	I	4.0	Rural

**160.3**

~ A ~

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## Group-J

(12) 14

No	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW	Remarks
	RAIPUR	Raipur City-II	Raipur	132 KV Birgaon	33 KV Simga	J	6.4	Rural
	RAIPUR	Raipur O&M	Raipur	132 KV Monnet	33 KV Mandir Hasaud	J	8	Rural
	RAIPUR	Raipur O&M	Raipur	132 KV Monnet	33 KV Shiva Pump	J	14	Rural
	RAIPUR	Raipur O&M	Dhamtari	132 KV Kurud (Dhamtari)	33 KV Gadadih	J	7.5	Rural
	RAIPUR	Raipur O&M	Dhamtari	132 KV Kurud (Dhamtari)	33 KV Marod	J	14.0	Rural
	RAIPUR	Raipur O&M	Dhamtari	132 KV Kurud (Dhamtari)	33 KV Magarlod	J	0.0	Rural
	RAIPUR	Raipur O&M	Dhamtari	132 KV Kurud (Dhamtari)	33 KV Kurud	J	14	Town
	RAIPUR	Raipur O&M	Dhamtari	132 KV Magarlod	33 KV Mohandi	J	8.0	Rural
	RAIPUR	Raipur O&M	Dhamtari	132 KV Magarlod	33 KV Megha	J	5.0	Rural
	RAIPUR	Raipur O&M	Dhamtari	132 KV Magarlod	33 KV Borsi	J	7.0	Rural
	RAIPUR	Raipur O&M	Dhamtari	132 KV Magarlod	33 KV Pond	J	9	Rural
2	RAIPUR	Mahasamund	Gariyaband	132 KV S/S Rajim	33 KV Abhanpur	J	12.5	Rural
3	RAIPUR	Mahasamund	Gariyaband	132 KV S/S Rajim	33 KV Bhendri	J	12.5	Rural
4	RAIPUR	Mahasamund	Gariyaband	132 KV S/S Rajim	33 KV Fingeshwar	J	17.5	Rural
5	RAIPUR	Mahasamund	Gariyaband	132 KV S/S Rajim	33 KV Paragaon	J	15	Rural

150.4

C.A.

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49.0 Hz

S. N o.	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW
1	RAIPUR	Raipur O&M	Raipur	132 KV Mana	33 KV Tuta-I	49.0	0.2
2	RAIPUR	Raipur O&M	Raipur	132 KV Mana	33 KV Tuta-II	49.0	0.7
3	RAIPUR	Raipur O&M	Raipur	132 KV Sarona	33 KV D.D.Nagar	49.0	8
4	RAIPUR	Raipur O&M	Raipur	132 KV Sarona	33 KV Wallfort	49.0	1
5	RAIPUR	Raipur O&M	B.Bazar	220 KV Bhatapara	33 KV PGCIL	49.0	0.3
6	RAIPUR	Raipur O&M	B.Bazar	132 KV B.Bazar	33 KV B.Bazar	49.0	7
7	RAIPUR	Raipur O&M	Dhamtari	132 KV Dhamtari	33 KV Collectorate	49.0	11
8	RAIPUR	Raipur O&M	Dhamtari	132 KV Dhamtari	33 KV Dhamtari	49.0	15.6
9	RAIPUR	Raipur O&M	Dhamtari	132 KV Dhamtari	11 KV Town-I	49.0	0.3
10	RAIPUR	Raipur O&M	Dhamtari	132 KV Dhamtari	11 KV Town-II	49.0	2.5
11	RAIPUR	Raipur O&M	Mahasamund	220 KV Mahasamund	33 KV Mahasamund Town	49.0	9
12	RAIPUR	Mahasamund	Mahasamund	132 KV Mahasamund	11 KV Town-I	49.0	2.3
13	RAIPUR	Mahasamund	Mahasamund	132 KV Mahasamund	11 KV Town-II	49.0	2.5
14	RAIPUR	Mahasamund	Mahasamund	132 KV Mahasamund	11 KV Bamni	49.0	1.5
15	RAIPUR	Mahasamund	Mahasamund	132 KV Mahasamund	11 KV Baghbahara	49.0	1.7
16	DURG	Durg O&M	Durg	132 KV Kurud(Bhilai)	33 KV Mother Tera	49.0	6.0
17	DURG	Durg O&M	Durg	132 KV Kurud(Bhilai)	33 KV Junewani	49.0	5.0
18	DURG	Durg O&M	Durg	132 KV Kurud(Bhilai)	33 KV Kailash Nagar	49.0	5.0
19	DURG	Durg O&M	Durg	132 KV Bhilai	33 KV Raipur	49.0	10.5
20	DURG	Durg O&M	Durg	132 KV Bhilai	33 KV Kumhari	49.0	10.0
21	DURG	Durg O&M	Durg	132 KV Rasmada	33 KV Anjora	49.0	1.5
22	DURG	Durg O&M	Balod	132 KV Balod	33 KV Balod-II	49.0	12
23	Bilaspur	Bilaspur	Bilaspur	132 KV Bilaspur	33 KV Raipur	49.0	7
24	Bilaspur	Bilaspur	Mungeli	132 KV Mungeli	33 KV Mungeli	49.0	8
25	DURG	Durg O&M	Balod	132 KV Bemetara	33 KV Bemetara(I)	49.0	8.0
26	DURG	Durg O&M	Balod	132 KV Bemetara	33 KV Sarda	49.0	14.0
							<b>150.6</b>

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48.8 Hz

S.N o.	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW
1	Durg	Durg O&M	Durg	132 KV Ruabandha	33 KV Jawahar Nagar	48.8	8.5
2	Durg	Durg O&M	Durg	132 KV Ruabandha	33 KV Borsi	48.8	7.0
3	Durg	Durg O&M	Durg	132 KV Ruabandha	33 KV Utai	48.8	10.5
4	Durg	Durg O&M	Durg	132 KV Ruabandha	33 KV Ruabandha	48.8	7.5
5	Durg	Durg O&M	Durg	132 KV Ruabandha	33 KV Nehru Nagar	48.8	9.0
6	Durg	Durg O&M	Durg	132 KV Ruabandha	33 KV Pulgaon	48.8	3.0
7	Durg	Durg O&M	Durg	132 KV Ruabandha	33 KV Talpuri	48.8	4.0
8	Durg	Durg O&M	Durg	132 KV Ruabandha	33 KV Smitinagar	48.8	2.0
9	Durg	Durg O&M	Durg	132 KV Rasmada	33 KV Baghera	48.8	3.0
10	Durg	Durg O&M	Durg	132 KV Pulgaon	33 KV Durg	48.8	8.0
11	Durg	Durg O&M	Durg	132 KV Pulgaon	33 KV Virat Nagar	48.8	4.0
12	Durg	Durg O&M	Durg	132 KV Bhilai	33 KV Karuna Hospital	48.8	4.0
13	Durg	Durg O&M	Durg	132 KV Bhilai	33KV Khedamara	48.8	7.5
14	Durg	Durg O&M	Durg	132 KV Bhilai	33 KV Chhawni(T)	48.8	7.0
15	Durg	Durg O&M	Durg	132 KV Bhilai	33 KV Bhilai-I	48.8	8.0
16	Durg	Durg O&M	Durg	132 KV Bhilai	33 KV Bhilai-II	48.8	6.0
17	Durg	Durg O&M	Durg	132 KV Bhilai	33 KV Bhilai-III	48.8	6.0
18	Durg	Durg O&M	Durg	132 KV Bhilai	33 KV Mother Teresa	48.8	9.0
19	Durg	Durg O&M	Durg	132 KV Bhilai	33 KV III	48.8	3.0
20	Bilaspur	Raigarh	Raigarh	220 KV Raigarh	33 KV G.D.C	48.8	8.5
21	Bilaspur	Raigarh	Raigarh	132 KV Raigarh	33 KV Jute Mill	48.8	10.0
22	Bilaspur	Raigarh	Raigarh	132 KV Raigarh	11 KV Kirodimal	48.8	1.4
23	Bilaspur	Raigarh	Raigarh	132 KV Raigarh	11 KV Town-I	48.8	1.2
24	Bilaspur	Raigarh	Raigarh	132 KV Raigarh	11 KV Town-II	48.8	1.0
25	Bilaspur	Raigarh	Raigarh	132 KV Raigarh	11 KV Town-III	48.8	0.4
26	Bilaspur	Champa	Champa	220 KV Champa	33 KV Janjgir	48.8	2.5
27	Bilaspur	Champa	Janjgir	132 KV Champa	33 KV Janjgir	48.8	15.0
28	Bilaspur	Champa	Janjgir	132 KV Champa	33 KV Champa	48.8	7.5
							<b>164.5</b>

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16

4/2

48.6 Hz

S.N o.	NAME OF REGION	NAME OF CIRCLE	NAME OF DISTRICT	NAME OF EHV S/S	NAME OF FEEDER	GROUP NO.	LOAD IN MW
1	RAIPUR	Raipur City-I	Raipur	132 KV Gudhiyari	33 KV Abhanpur	48.6	12
2	RAIPUR	Raipur City-I	Raipur	132 KV Gudhiyari	33 KV Mana	48.6	10
3	RAIPUR	Raipur City-I	Raipur	132 KV Gudhiyari	11 KV Ring-I	48.6	2.5
4	RAIPUR	Raipur City-I	Raipur	132 KV Gudhiyari	11 KV Ring-II	48.6	2
5	RAIPUR	Raipur City-I	Raipur	132 KV Gudhiyari	11 KV Ring-III	48.6	1.2
6	RAIPUR	Raipur City-I	Raipur	132 KV Gudhiyari	11 KV Town	48.6	1.5
7	RAIPUR	Raipur City-I	Raipur	132 KV Gudhiyari	11 KV Railway	48.6	2
8	RAIPUR	Raipur City-I	Raipur	132 KV Gudhiyari	11 KV Industrial	48.6	2
9	RAIPUR	Raipur City-I	Raipur	132 KV Gudhiyari	11 KV Colony	48.6	0.1
10	RAIPUR	Raipur City-I	Raipur	132 KV Gudhiyari	33 KV R.K.C	48.6	7.5
11	RAIPUR	Raipur City-I	Raipur	132 KV Gudhiyari	33 KV Kumhari-I	48.6	7.5
12	RAIPUR	Raipur City-I	Raipur	132 KV Gudhiyari	33 KV Kumhari-II	48.6	2.5
13	RAIPUR	Raipur City-I	Raipur	132 KV Kachna	33 KV Shankar Nagar-I	48.6	12
14	RAIPUR	Raipur City-II	Raipur	132 KV Birgaon	33 KV Urla-I	48.6	10
15	RAIPUR	Raipur City-II	Raipur	132 KV Birgaon	33 KV Standard Ferrow	48.6	8
16	RAIPUR	Raipur City-II	Raipur	132 KV Birgaon	33 KV Mandir Hasaud	48.6	0
17	RAIPUR	Raipur City-II	Raipur	132 KV Birgaon	33 KV Raipur I/C	48.6	10
18	RAIPUR	Raipur O&M	Raipur	132 KV Mana	33 KV Saddani	48.6	9.5
19	RAIPUR	Raipur O&M	Raipur	132 KV Mana	33 KV Sej Bahar	48.6	7.5
20	RAIPUR	Raipur O&M	Raipur	132 KV Mana	33 KV Mana Camp	48.6	2.5
21	BILASPUR	Bilaspur City	Bilaspur	132 KV Chakarbhata	33 KV Chakarbhata (T)	48.6	5.0
22	BILASPUR	Bilaspur City	Bilaspur	132 KV Bilaspur	33 KV Sirgitti	48.6	4.0
23	BILASPUR	Bilaspur City	Bilaspur	220 KV S/s Mopka	33 KV R.K.Nagar	48.6	12.0
24	BILASPUR	Bilaspur City	Bilaspur	220 KV S/s Mopka	33 KV NTPC-I	48.6	7.5
25	BILASPUR	Bilaspur City	Bilaspur	132 KV Bilaspur	33 KV Spinning Mill	48.6	6.5
26	BILASPUR	Bilaspur City	Bilaspur	132 KV Bilaspur	33 KV Vyapar Vihar	48.6	12.5
27	BILASPUR	Bilaspur City	Bilaspur	132 KV Bilaspur	33 KV Nowa	48.6	0.0
							<b>157.8</b>

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