

## National Load Despatch Centre राष्ट्रीय भार प्रेषण केंद्र POWER SYSTEM OPERATION CORPORATION LIMITED पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(Government of India Enterprise/ भारत सरकार का उद्यम) B-9, QUTUB INSTITUTIONAL AREA, KATWARIA SARAI, NEW DELHI -110016 बी-9, कृतुब इन्स्टीट्यूशनल एरिया, कटवारिया सराये, न्यू दिल्ली-110016

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Ref: POSOCO/NLDC/SO/Daily PSP Report

दिनांक: 01st Jan 2022

To,

- कार्यकारी निदेशक, पू.क्षे.भा.प्रे.के.,14, गोल्फ क्लब रोड, कोलकाता 700033
   Executive Director, ERLDC, 14 Golf Club Road, Tollygunge, Kolkata, 700033
- 2. कार्यकारी निदेशक, ऊ. क्षे. भा. प्रे. के., 18/ ए , शहीद जीत सिंह सनसनवाल मार्ग, नई दिल्ली 110016 Executive Director, NRLDC, 18-A, Shaheed Jeet Singh Marg, Katwaria Sarai, New Delhi – 110016
- 3. कार्यकारी निदेशक, प क्षे भा प्रे के., एफ3-, एम आई डी सी क्षेत्र , अंधेरी, मुंबई –400093 Executive Director, WRLDC, F-3, M.I.D.C. Area, Marol, Andheri (East), Mumbai-400093
- 4. कार्यकारी निदेशक, ऊ. पू. क्षे. भा. प्रे. के., डोंगतिएह, लोअर नोंग्रह , लापलंग, शिलोंग 793006 Executive Director, NERLDC, Dongteih, Lower Nongrah, Lapalang, Shillong - 793006, Meghalaya
- 5. कार्यकारी निदेशक , द .क्षे .भा .प्रे .के.,29 , रेस कोर्स क्रॉस रोड, बंगलुरु –560009 Executive Director, SRLDC, 29, Race Course Cross Road, Bangalore-560009

Sub: Daily PSP Report for the date 31.12.2021.

महोदय/Dear Sir,

आई॰ई॰जी॰सी॰-2010 की धारा स.-5.5.1 के प्रावधान के अनुसार, दिनांक 31-दिसंबर-2021 की अखिल भारतीय प्रणाली की दैनिक ग्रिड निष्पादन रिपोर्ट रा॰भा॰प्रे॰के॰ की वेबसाइट पर उप्लब्ध है |

As per article 5.5.1 of the Indian Electricity Grid Code, the daily report pertaining power supply position of All India Power System for the date 31<sup>st</sup> December 2021, is available at the NLDC website.

धन्यवाद,

## पॉवर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड राष्ट्रीय भार प्रेषण केंद्र, नई दिल्ली



Report for previous day Date of Reporting:

	NR	WR	SR	ER	NER	TOTAL
Demand Met during Evening Peak hrs(MW) (at 19:00 hrs; from RLDCs)	53319	53267	39728	19650	2566	168530
Peak Shortage (MW)	250	0	0	448	0	698
Energy Met (MU)	1057	1207	943	403	46	3655
Hydro Gen (MU)	101	33	84	30	11	258
Wind Gen (MU)	25	127	77	-	-	229
Solar Gen (MU)*	41.34	31.94	66.68	4.18	0.28	144
Energy Shortage (MU)	5.03	0.26	0.00	2.66	0.00	7.95
Maximum Demand Met During the Day (MW) (From NLDC SCADA)	55141	59995	47654	20167	2636	181459
Time Of Maximum Demand Met (From NLDC SCADA)	10:45	10:54	09:44	18:26	17:34	10:44
B. Frequency Profile (%)						
Region FVI	< 49.7	49.7 - 49.8	49.8 - 49.9	< 49.9	49.9 - 50.05	> 50.05
All India 0.062	0.60	1.28	10.03	11.92	69.98	18.10

	0.002	0.00	1120	10.05	11.72	07.70	10110	
Power Sup	ply Position in States							
		Max.Demand	Shortage during	Energy Met	Drawal	OD(+)/UD(-)	Max OD	Energy
Region	States	Met during the	maximum	(MU)	Schedule	(MU)	(MW)	Shortag
		day(MW)	Demand(MW)	(MU)	(MU)	(MU)	(MW)	(MU)
	Punjab	7158	0	132.1	72.2	-0.1	226	0.00
	Haryana	6963	0	129.4	74.9	0.1	136	0.00
	Rajasthan	14801	0	265.1	71.6	-0.8	312	0.38
	Delhi	4583	0	74.0	62.4	-0.7	243	0.00
NR	UP	17934	0	315.8	88.9	-1.6	309	0.00
	Uttarakhand	2270	0	42.0	29.6	0.1	162	0.00
	HP	1969	0	36.1	29.5	-0.5	152	0.00
	J&K(UT) & Ladakh(UT)	2968	300	58.4	53.6	-0.1	713	4.65
	Chandigarh	247	0	4.0	4.0	0.0	32	0.00
	Chhattisgarh	3612	0	76.4	24.0	-0.2	244	0.00
	Gujarat	17217	78	348.9	173.8	3.3	1057	0.26
	MP	13931	0	260.8	152.7	-1.4	641	0.00
WR	Maharashtra	23484	0	464.6	125.4	-4.7	758	0.00
	Goa	596	0	12.4	11.6	0.3	33	0.00
	DD	308	0	6.9	6.7	0.2	21	0.00
	DNH	805	0	19.0	18.9	0.1	60	0.00
	AMNSIL	729	0	17.5	10.8	-10.8	291	0.00
	Andhra Pradesh	9003	0	175.6	73.6	0.9	706	0.00
	Telangana	10935	0	203.6	88.8	-0.4	475	0.00
SR	Karnataka	11910	0	208.1	53.7	-2.6	751	0.00
	Kerala	3749	0	74.9	54.5	-0.3	214	0.00
	Tamil Nadu	13145	0	273.4	152.9	-1.2	619	0.00
	Puducherry	343	0	6.9	7.3	-0.4	46	0.00
	Bihar	4750	0	81.5	72.2	-1.4	371	0.83
	DVC	3419	60	68.7	-36.0	-1.8	354	0.88
	Jharkhand	1641	0	30.2	22.0	-1.2	161	0.95
ER	Odisha	5389	0	106.9	62.8	0.2	412	0.00
	West Bengal	6190	0	113.9	-6.3	-0.5	313	0.00
	Sikkim	115	0	1.8	1.9	-0.1	50	0.00
	Arunachal Pradesh	134	0	2.4	2.4	-0.2	32	0.00
	Assam	1446	0	25.1	18.6	0.0	140	0.00
	Manipur	223	0	3.5	3.7	-0.2	38	0.00
NER	Meghalaya	387	0	7.6	5.9	0.1	66	0.00
	Mizoram	122	0	1.9	1.5	-0.2	27	0.00
	Nagaland	136	0	2.4	2.2	0.0	23	0.00
	Tripura	223	0	3.5	3.7	-0.3	19	0.00

D. Transnational Exchanges (MU) - Import(+ve)/Export(-ve)			
_	Bhutan	Nepal	Bangladesh
Actual (MU)	5.1	-4.5	-12.7
Day Peak (MW)	522.0	202.4	762.0

E. Import/Export by Regions (in MU) - Import(+ve)/Export(-ve); OD(+)/UD(-)

	NR	WR	SR	ER	NER	TOTAL
Schedule(MU)	251.7	-198.2	85.5	-143.8	4.7	0.0
Actual(MU)	264.2	-210.6	82.2	-142.9	2.9	-4.2
O/D/U/D(MU)	12.5	-12.4	-3.3	0.8	-1.8	-4.2

F. Generation Outage(MW)

	NR	WR	SR	ER	NER	TOTAL	% Share
Central Sector	7886	12618	6102	1800	664	29069	41
State Sector	10115	18063	9916	3558	112	41764	59
Total	18001	30681	16018	5358	776	70833	100

G. Sourcewise generation (MU)

	NR	WR	SR	ER	NER	All India	% Share
Coal	572	1190	493	545	10	2810	75
Lignite	21	12	44	0	0	77	2
Hydro	101	33	84	30	11	258	7
Nuclear	28	33	70	0	0	130	3
Gas, Naptha & Diesel	15	11	10	0	26	63	2
RES (Wind, Solar, Biomass & Others)	92	160	172	4	0	428	11
Total	830	1439	871	579	48	3767	100
Share of RES in total generation (%)	11.04	11.12	19.68	0.73	0.59	11.35	1
Chara of Non-facell final (Hydro Nyaloon and DEC) in total concertion(9/)	26.60	15.60	27.27	5.02	24.41	21.69	1

H. All India Demand Diversity Factor

Based on Regional Max Demands	1.023
Based on State Max Demands	1.155

Dased on State Wast Definants

Diversity factor = Sum of regional or state maximum demands / All India maximum demand

\*Source: RLDCs for solar connected to ISTS; SLDCs for embedded solar. Limited visibility of embedded solar data.

## INTER-REGIONAL EXCHANGES

Import=(+ve) /Export =(-ve) for NET (MU)
Date of Reporting: 01-Jan-2022

No. of Circuit	of Reporting:         01-Jan-2022           ort (MU)         NET (MU)           0.0         0.0           0.0         0.0           10.3         -10.3           2.8         -2.8           11.9         -11.9           3.2         3.2           3.3         -5.3           15.2         -15.2           28.5         -2.8.5           7.2         -7.2           10.3         -10.3           5.9         -5.9           2.4         -2.4           0.0         0.0           0.0         0.4           0.0         0.0           0.0         0.0           0.0         0.0
1	0.0         0.0           10.3         -10.3           2.8         -2.8           11.9         -11.9           3.2         -3.2           3.3         -3.3           15.2         -15.2           28.5         -28.5           7.2         -7.2           10.3         -10.3           5.9         -5.9           2.4         -2.4           0.0         0.0           0.0         0.4           0.0         0.0           0.0         0.0
2	0.0         0.0           10.3         -10.3           2.8         -2.8           11.9         -11.9           3.2         -3.2           3.3         -3.3           15.2         -15.2           28.5         -28.5           7.2         -7.2           10.3         -10.3           5.9         -5.9           2.4         -2.4           0.0         0.0           0.0         0.4           0.0         0.0           0.0         0.0
3   765 kV   GAYA-VARANASI   2   21   843   0.0	10.3   -10.3   -10.3   -10.3   -10.3   -10.5
4   765 kV   SASARAM-FATEHPUR   1   0   453   0.0       5   765 kV   GAVA-BALIA   1   0   624   0.0       6   400 kV   PUSAULI-VARANASI   1   48   261   0.0       7   400 kV   PUSAULI-ALAHABAD   1   0   277   0.0       8   400 kV   PUSAULI-ALAHABAD   1   0   277   0.0       9   400 kV   MUZAFFARPUR   2   0   1027   0.0       10   400 kV   BATABALIA   4   0   1547   0.0       11   400 kV   BATABALIA   2   0   492   0.0       11   400 kV   MOTHARI-GORAKHPUR   2   0   648   0.0       12   400 kV   MOTHARI-GORAKHPUR   2   0   648   0.0       12   400 kV   BUSAULI-SAHUPUR   1   0   182   0.0       13   220 kV   PUSAULI-SAHUPUR   1   0   182   0.0       14   132 kV   SONE NAGAR-RHAND   1   0   0   0.0       15   132 kV   GAWAH-RHAND   1   25   0   0.4       16   132 kV   KARMAR-SASHUPUR   1   0   0   0.0       17   132 kV   KARMANASA-CHANDAULI   1   0   0   0.0       18   Import/Export of ER (With WR)   1   0   0   0.0        1   765 kV   HARSUGUDA-DHARAMJAIGARH   4   927   236   7.9	2.8         -2.8           11.9         -11.9           3.2         -3.2           3.3         -3.3           15.2         -15.2           28.5         -28.5           7.2         -7.2           10.3         -10.3           5.9         -5.9           2.4         -2.4           0.0         0.0           0.0         0.4           0.0         0.0           0.0         0.0
6         400 kV         PUSAULL-VARANASI         1         48         261         0.0           7         400 kV         PUSAULI-ALLAHABAD         1         0         277         0.0           8         400 kV         MUZAFFARPUR-GORAKHPUR         2         0         10227         0.0           9         400 kV         PATNA-BALIA         4         0         1547         0.0           10         400 kV         BHARSHARIFF-BALIA         2         0         492         0.0           11         400 kV         MOTHARSHARIFF-BALIA         2         0         648         0.0           12         400 kV         BHARSHARIFF-VARANASI         2         0         392         0.0           13         220 kV         PUSAULI-SAHUPURI         1         0         182         0.0           14         132 kV         SONE NAGAR-RHAND         1         0         0         0.0           15         132 kV         GARWAH-RHAND         1         25         0         0.4           16         132 kV         KARMANSAS-CHANDAULI         1         0         0         0.0           17         132 kV         KARMANSAS-CHANDAULI	3.2 -3.2 -3.3 -3.3 -3.3 -3.3 -3.3 -3.3 -
7   400 kV   PUSAULI-ALIAHABAD   1   0   277   0.0     8   400 kV   MUZAFFARPUR-GORAKHPUR   2   0   1027   0.0     9   400 kV   PATNA-BALIA   4   0   1547   0.0     10   400 kV   BIHARSHARIF-BALIA   2   0   492   0.0     11   400 kV   BIHARSHARIF-BALIA   2   0   498   0.0     12   400 kV   BIHARSHARIF-VARANASI   2   0   392   0.0     13   220 kV   PUSAULI-SAHUPUR   1   0   182   0.0     14   132 kV   SONE NAGAR-RIHAND   1   0   0   0.0     15   132 kV   GARWAH-RIHAND   1   25   0   0.4     16   132 kV   KARMANASA-SAHUPUR   1   0   0   0.0     17   132 kV   KARMANASA-CHANDAULI   1   0   0   0.0     18   18   18   18   18   18   18	3.3 -3.3 -15.2 -15
8     400 kV     MUZAFFARPUR-GORAKHPUR     2     0     1027     0.0       9     400 kV     PATNA-BALIA     4     0     1547     0.0       10     400 kV     BIHARSHARIF-BALIA     2     0     492     0.0       11     400 kV     MOTHHARI-GORAKHPUR     2     0     648     0.0       12     400 kV     BIHARSHARIF-VARANASI     2     0     392     0.0       13     220 kV     PUSAULI-SAHUPURI     1     0     182     0.0       14     132 kV     SONE NAGAR-RIHAND     1     0     0     0.0       15     132 kV     GARWAH-RIHAND     1     25     0     0.4       16     132 kV     KARMANSA-SAHUPURI     1     0     0     0.0       17     132 kV     KARMANSA-CHANDAULI     1     0     0     0.0       17     132 kV     KARMANSA-CHANDAULI     1     0     0     0.0       1     765 kV     JHARSUGUDA-DHARAMJAIGARH     4     927     236     7.9	15.2 -15.2 28.5 -28.5 7.2 -7.2 -7.2 10.3 -10.3 5.9 -5.9 2.4 -2.4 0.0 0.0 0.0 0.4 0.0 0.0
10	7.2 -7,2 10.3 -10.3 5.9 -5.9 2.4 -2.4 0.0 0.0 0.0 0.4 0.0 0.0
11   400 kV   MOTHARI-GORAKHPUR   2   0   648   0.0	10.3 -10.3 5.9 -5.9 2.4 -2.4 0.0 0.0 0.0 0.4 0.0 0.0
12   400 kV   BIHARSHARIFE-VARANASI   2   0   392   0.0	5.9         -5.9           2.4         -2.4           0.0         0.0           0.0         0.4           0.0         0.0
13   220 kV   PUSAULI-SAHUPUR   1   0   182   0.0   14   132 kV   SORE MAGAR-HIRAD   1   0   0   0.0   15   132 kV   GARWAH-RIHAND   1   25   0   0.4   16   132 kV   KARMANSA-SAHUPUR   1   0   0   0.0   17   132 kV   KARMANSA-CHANDAUL   1   0   0   0.0   0.0   17   132 kV   KARMANSA-CHANDAUL   1   0   0   0.0   0.0   18   19   19   19   19   19   19   19	2.4     -2.4       0.0     0.0       0.0     0.4       0.0     0.0
14   132 kV   SONE NAGAR-RIHAND   1   0   0   0.0     15   132 kV   GARWAH-RIHAND   1   25   0   0.4     16   132 kV   KARMANASA-SAHUPURI   1   0   0   0.0     17   132 kV   KARMANASA-CHANDAULI   1   0   0   0.0     18   19   19   19   19   19   19     19   19	0.0         0.0           0.0         0.4           0.0         0.0
16   132 kV   KARMANASA-SAHUPURI   1   0   0   0,0     17   132 kV   KARMANASA-CHANDAULI   1   0   0   0,0     18   19   19   19   19   19   19	0.0 0.0
17   132 kV   KARMANASA-CHANDAULI   1   0   0   0.0	
ER-NR   0.4   1	
1 765 kV JHARSUGUDA-DHARAMJAIGARH 4 927 236 7.9	100.9 -100.5
2 765 kV NEW RANCHI-DHARAMJAIGARH 2 747 738 0.0	0.0 7.9
	0.5 -0.5
	0.0 1.9
	0.0 2.4
	0.0 0.4
	0.0 0.8
	0.0 1.9
ER-WR 15,3 Import/Export of ER (With SR)	0.5 14.8
	8.8 -8.8
	39.1 -39.1
3 765 kV ANGUL-SRIKAKULAM 2 0 2997 0.0	45.8 -45.8
	0.0 0.7
	0.0 0.0 93.6 -93.6
Import/Export of ER (With NER)	-23.0
1 400 kV BINAGURI-BONGAIGAON 2 46 176 0.0	1.6 -1.6
	1.7 -1.7
	0.4 -0.4 3.7 -3.7
ER-NER 0.0 Import/Export of <null> (With <null>)</null></null>	3.7 -3.7
No Records Found	
	0.0
Import/Export of WR (With NR)	12.6
	43.6 -43.6 0.0 7.4
	6.2 -6.2
	39.5 -39.5
	31.3 -31.3
	33.4 -33.4
	0.0 18.7 19.8 -19.8
	19.8 -19.8 0.0 8.0
10 765 kV VINDHYACHAL-VARANASI 2 0 2924 0,0	45.8 -45.8
	0.0 2.4
	0.0 2.2 0.0 20.1
	5.5 -5.5
	0.0 0.0
16         220 kV         BHANPURA-MORAK         1         0         30         0.0	1.0 -1.0
	0.0 0.6
	0.0 1.4 0.0 0.0
	0.0 0.0
WR-NR 60.6 2	225.9 -165.3
Import/Export of WR (With SR)	7.4 -7.4
	7.4 -7.4 0.0 2.6
3 765 kV SOLAPUR-RAICHUR 2 841 2470 1.5	12.6 -11.1
4 765 kV WARDHA-NIZAMABAD 2 0 3357 0.0	37.9 -37.9
	0.0 22.2 0.0 0.0
	0.0 0.0 0.0 0.0
	0.0 1.3
	58.0 -30.4
INTERNATIONAL EXCHANGES	Import(+ve)/Export(-ve)
State Region Line Name Max (MW) Min (MW) Avg	(MW) Energy Exchang
400kV MANGDECHHU-ALIPURDUAR	(MII)
	56 1.4
ER 1,2&3 i.e. ALIPURDUAR RECEIPT (from 99 0	
ER 1,2&3 i.e. ALIPURDUAR RECEIPT (from 99 0 MANGDECHU HEP 4*180MW)	
ER 1,2&3 i.e. ALIPURDUAR RECEIPT (from 99 0 MANGDECHU HEP 4*180HV) 400KV YALA-8 BINAGURI 1,2,4 (& 400kV	179 43
ER 1,2&3 i.e. ALIPURDUAR RECEIPT (from 99 0  MANGDECHU HEP 4*180MW)  400kV YALA-BINAGURI 1,2,4 (& 400kV  ER MALBASE BINAGURI) i.e. BINAGURI  RECEIPT (from TALA HEP (6*170MW)	179 4.3
ER 1,2&3 i.e. ALIPURDUAR RECEIPT (from 99 0 0 MANGDECH UHEP 4*180AUV) 4006V TALA-BINAGURI [1,24] (& 4006V	
ER 1.2&3 i.e. A.I.PURDUAR RECEIPT (from 99 0 MANGDECHU IEPF 4150MV)  400kV TALA-BINAGURI 1.2,4 (& 400kV	0 -0.5
ER 1.2&3 i.e. ALIPURDUAR RECEIPT (from 99 0 MANGDECHI HEP 4*180MW) 400KY TALA-BINAGURI 1,24 (& 400KV MALBASE - BINAGURI 1,24 (& 400KV MALBASE - BINAGURI 1,24 (& 400KV MALBASE - BINAGURI 1 417 0 RECEIPT (from TALA-BINPAGURI) 417 0 RECEIPT (from TALA-BIRPAGRA 1,62 (& 220KV MALBASE - BIRPARA) 1,62 (& 220KV MALBASE - BIRPARA) 1,62 (& 220KV MALBASE - BIRPARA) 6 0 0 RECEIPT (from CHUKHA HEP 4*84MW)	0 -0.5
ER 1.2&3 i.e. A.I.PURDUAR RECEIPT (from 99 0 MANGDECHU IEPF 4150MV)  400kV TALA-BINAGURI 1.2,4 (& 400kV	
ER 1.2&3 i.e. ALIPURDUAR RECEIPT (from 99 0 MANGDECHI HEP 4*180MW) 400KY TALA-BINAGURI 1,24 (& 400KV MALBASE - BINAGURI 1,24 (& 400KV MALBASE - BINAGURI 1,24 (& 400KV MALBASE - BINAGURI 1 417 0 RECEIPT (from TALA-BINPAGURI) 417 0 RECEIPT (from TALA-BIRPAGRA 1,62 (& 220KV MALBASE - BIRPARA) 1,62 (& 220KV MALBASE - BIRPARA) 1,62 (& 220KV MALBASE - BIRPARA) 6 0 0 RECEIPT (from CHUKHA HEP 4*84MW)	0 -0.5
ER 1,2&3 i.e. ALIPURDUAR RECEIPT (from 99 0 MANGDECHU HEP 4*180MW)  400kV TALA-BINAGURI 1,24 & 400kV  ER MALBASE BINAGURI 1, E4 & 400kV  RECEIPT (from TALA HEP (6*170MW)  220kV CHUKHA-BIRPARA 1&2 (& 220kV MALBASE - BIRPARA ) & 0  RECEIPT (from CHUKHA HEP 4*84MW)  NER 132kV GELEPHU-SALAKATI -9 0	0 -0.5
ER 1.2&3 i.e. AI.PURDUAR RECEIPT (from 99 0 0 MANGDECHI HEP 4*150MW) 400kV TALA-BINAGURI 1,24 (& 400kV 4 00kV 4 0 0 RECEIPT (from TALA HEP (6*170MV) 220kV CHUKHIA-BIRPARA 1&2 (& 220kV 4 00kV 4 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0 0	-3 -0.1
ER 1.2.8-3 i.e. ALIPURDUAR RECEIPT (from 99 0 0 MANGBECH UEF# 9180MW) 400W TALA-BINSOMW) 400W TALA-BINSOMW) 400W TALA-BINSAGURI 1.2.4 i.e. 400W MALBASE BINSAGURI 1.2.4 i.e. 400W MALBASE BINSAGURI 417 0 RECEIPT (from TALA HEP (6*170MW) 220W TALA HEP (6*170MW) 220W TALA HEP (6*170MW) 200W TALA HEP (6*170MW) 600W MALBASE BINGARA 1.6.2 i.e. 200W MALBASE BINGARA 1.6. BIRPARA 0 0 0 METALA HEP (6*170MW) 1 132W GELEPHU-SALAKATI 9 0 0 METALA HEP (6*170MW) 1 132W MOTANGA-RANGIA 9 2 1 132W MOTANGA-RANGIA 9 2 1 132W MAHENDRANAGAR- 9 2 1 132W MAHENDRANAGAR- 9 2 1 132W MAHENDRANAGAR- 9 1 1	-3 -0.1
ER 1.2&3 i.e. ALIPURDUAR RECEIPT (from 99 0 0 MANGDECHH HEF 4*180MW) 400kV TALA-BINAGURI 1.2;4 (8.400kV MALBASE-BINAGURI 1.2;4 (8.400kV MALBASE-BINAGURI 1.2;4 (8.400kV MALBASE-BINAGURI 1.2;4 (8.400kV MALBASE-BINAGURI 417 0 0 RECEIPT (from TALA-HEF (6*170MW) 220kV CHUKHA-BIRPARA 1.8;2 (8.220kV MALBASE-BIRPARA 1.8;2 (8.220kV MALBASE-BIRPARA 1.8;2 (8.220kV MALBASE-BIRPARA) 0 0 RECEIPT (from CHUKHA-BIPP 4*84MW) NER 132kV GELEPHU-SALAKATI -9 0 1 NER 132kV MOTANGA-RANGIA -9 2 2	0 -0.5 -3 -0.1 -13 -0.3
ER	0 -0.5 -3 -0.1 -13 -0.3 -55 -1.3
ER 1.2.8-3 i.e. ALIPURDUAR RECEIPT (from 99 0 0 MANGBECH UEF# 9180MW) 400W TALA-BINSOMW) 400W TALA-BINSOMW) 400W TALA-BINSAGURI 1.2.4 i.e. 400W MALBASE BINSAGURI 1.2.4 i.e. 400W MALBASE BINSAGURI 417 0 RECEIPT (from TALA HEP (6*170MW) 220W TALA HEP (6*170MW) 220W TALA HEP (6*170MW) 200W TALA HEP (6*170MW) 600W MALBASE BINGARA 1.6.2 i.e. 200W MALBASE BINGARA 1.6. BIRPARA 0 0 0 METALA HEP (6*170MW) 1 132W GELEPHU-SALAKATI 9 0 0 METALA HEP (6*170MW) 1 132W MOTANGA-RANGIA 9 2 1 132W MOTANGA-RANGIA 9 2 1 132W MAHENDRANAGAR- 9 2 1 132W MAHENDRANAGAR- 9 2 1 132W MAHENDRANAGAR- 9 1 1	0 -0.5 -3 -0.1 -13 -0.3
ER	0 -0.5 -3 -0.1 -13 -0.3 -55 -1.3 -62 -1.5
ER	0 -0.5 -3 -0.1 -13 -0.3 -55 -1.3
ER	0 -0.5 -3 -0.1 -13 -0.3 -55 -1.3 -62 -1.5
ER	0 -0.5 -3 -0.1 -13 -0.3 -55 -1.3 -62 -1.5
ER	0 -0.5 -3 -0.1 -13 -0.3 -55 -1.3 -62 -1.5 -70 -1.7
ER	0 -0.5 -3 -0.1 -13 -0.3 -55 -1.3 -62 -1.5 -70 -1.7