सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

विषय: प्रचालन समन्वय उप-समिति की 215वीं बैठक की अतिरिक्त कार्यसूची।

Subject: Additional Agenda of the 215th OCC meeting.

प्रचालन समन्वय उप-समिति की **215वीं** बैठक दिनांक **12.01.2024** (**सुबह 09:30)** वाराणसी, उत्तर प्रदेश में होगी। बैठक की कार्यसूची पत्र दिनांक 05.01.2024 के द्वारा जारी की गयी थी। कृपया बैठक की संलग्न अतिरिक्त कार्यसूची प्राप्त करें।

The **215th** meeting of the Operation Co-ordination sub-committee (**OCC**) will be held on **12.01.2024** (**09:30 A.M.)** at Varanasi, Uttar Pradesh. Agenda was issued vide letter dated 05.01.2024. Additional agenda for the same may be found attached.

Signed by D. K. Meena
Date: 09-01-2024 13:50:36
Reason: Approved

(डी. के. मीना)
अधीक्षण अभियंता (प्रचालन)

सेवा में : प्रचालन समन्वय उप समिति के सभी सदस्य।
To : All Members of OCC

उत्तर क्षेत्रीय विद्युत समिति
NORTHERN REGIONAL POWER COMMITTEE

Additional Agenda of
the 215th meeting of
Operational Co-ordination Sub-Committee
of
Northern Regional Power Committee

Date: 12th January 2024
Time: 09:30 AM

Venue: The Clarks Hotel, Varanasi
The Mall Rd, Cantonment, Varanasi,
Uttar Pradesh

Contents

खण्ड-क: उ.क्षे.वि.स. Part-A: NRPC

AA.1. Feasibility of Varanasi Islanding Scheme (Agenda by UPSLDC)

AA.1.1 UPSLDC vide letter dated 06.01.2024 has intimated that they have planned Varanasi Islanding Scheme using generation of Anpara BTPS.

AA.1.2 Details of proposed Islanding Scheme is attached **Annexure-AA.I**

Members may kindly deliberate.

AA.2. Frequent Switching Operations of Reactor at 765kV Hapur and 765kV Gr. Noida substations (Agenda by UPSLDC)

AA.2.1 UPSLDC vide letter dated 06.01.2024 (copy enclosed as **Annexure-AA.II**) has mentioned that Western U.P Power Transmission Co. Ltd. has intimated that as per IEC standards, 24 switching operations per year are permitted for Reactors. However, more than 24 switching operations have been observed on 3X80 MVAr Reactors installed at 765 kV Hapur and 765kV G. Noida substations.

AA.2.2 The frequent (28 nos.) operations of bus reactor were observed during 12/05/2023 to 11/06/2023 at 765kV Hapur substation only. Due to such frequent operations the reactor may get failed, as the reactors are not designed for such frequent switching operations.

Members may kindly deliberate.

Annexure-AA.I

उत्तर प्रदेश राज्य भार प्रेषण केन्द्र
उ0प्र0पॉवर ट्रांसमिशन कारपोरेशन लि0
(उत्तर प्रदेश सरकार का उपक्रम)
यू0पी0एस0एल0डी0सी0 परिसर, विभूति खण्ड–।।
गोमती नगर, लखनऊ–226010
ई–मेल : cepso@upsldc.org
sera@upsldc.org

U.P. State Load Despatch Centre
U.P. Power Transmission Corporation Ltd.
(A U.P. Govt. Undertaking)
UPSLDC Complex, Vibhuti Khand – II
Gomti Nagar, Lucknow- 226010
E-mail: cepso@upsldc.org
sera@upsldc.org

No 70 SE(R&A) /EE-II /Varanasi islanding **Date: - 6-01 2024**

Member Secretary, NRPC,
18 – A, SJSS Marg, Katwaria Sarai,
New Delhi, 110016.
(ms-nrpc@nic.in)

Subject: Agenda on Varanasi Islanding Scheme for 215th OCC meeting of NRPC

As intimated earlier UPSLDC is planning Varanasi Islanding Scheme using generation of Anpara BTPS. Details of the scheme are enclosed for deliberation/approval of the forum.

Kindly include it as an agenda item in 215th OCC meeting of NRPC.

Encl: Map of Varanasi Islanding Scheme
Load details of Varanasi Region
Generation pattern of Anpara 'B'TPS

(Amit Narain)
Superintending Engineer (R&A)

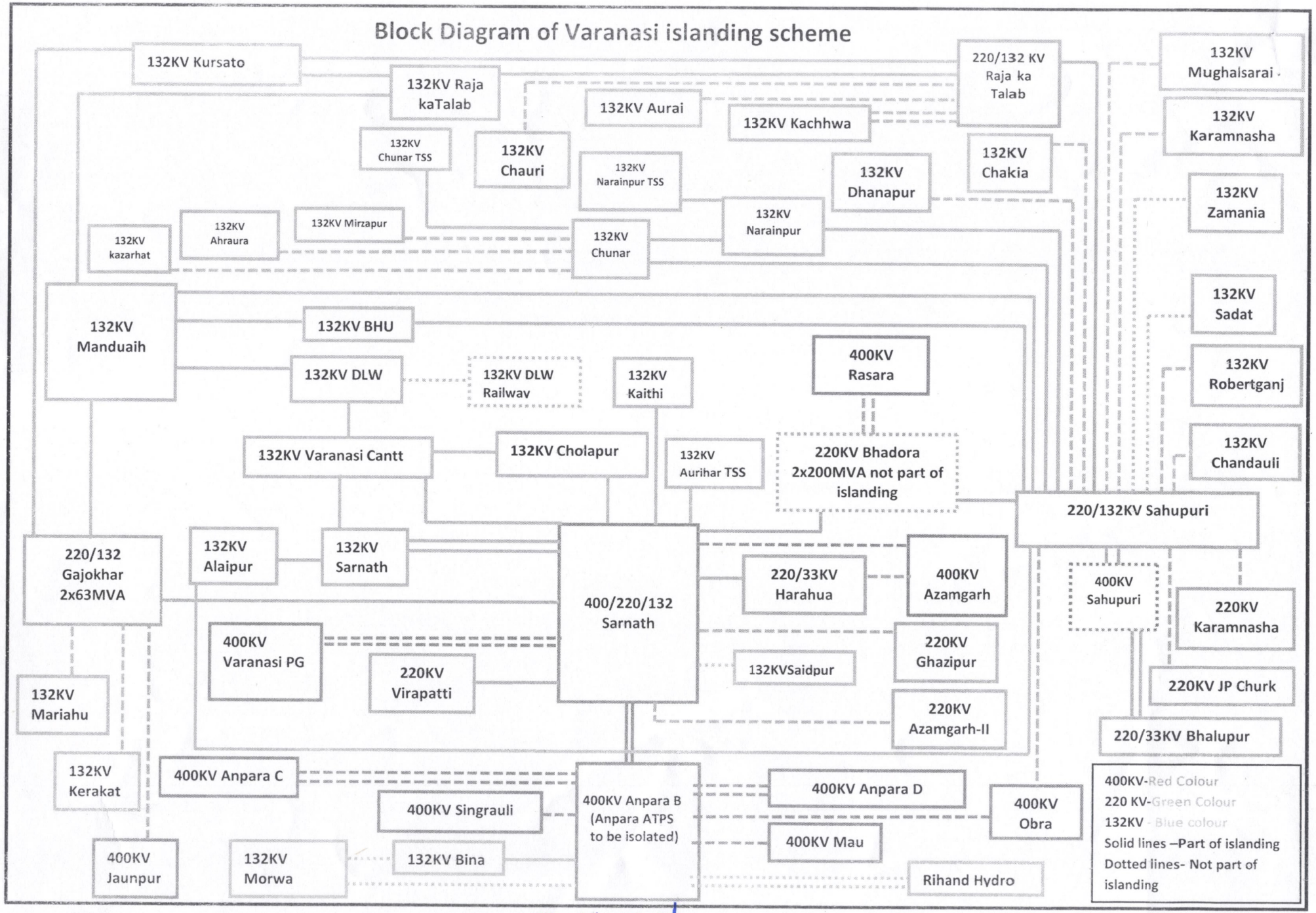
No SE(R&A) /EE-II /Varanasi islanding **Date: - 2024**

Copy forwarded to following for information and necessary action:-

1. Director, UPSLDC, Vibhuti Khand – II, Gomti Nagar, Lucknow.
2. Director (Operation), UPPTCL, 11th Floor, Shakti Bhawan Extn., Lucknow.
3. Director (Technical), UPRVUNL, 8th Floor, Shakti Bhawan Extension, Lucknow.
4. Chief Engineer (PSO), UPSLDC, Vibhuti Khand – II, Gomti Nagar, Lucknow.
5. General Manager, NRLDC 18-A, SJSS Marg, Katwaria Sarai, New Delhi–110016.
6. Superintending Engineer (System Control), UPSLDC, Vibhuti Khand – II, Gomti Nagar, Lucknow.
7. SE (Operations), NRPC, 18 – A SJSS Marg, Katwaria Sarai, New Delhi, 110016.

(Amit Narain)
Superintending Engineer (R&A)

Block Diagram of Varanasi islanding scheme



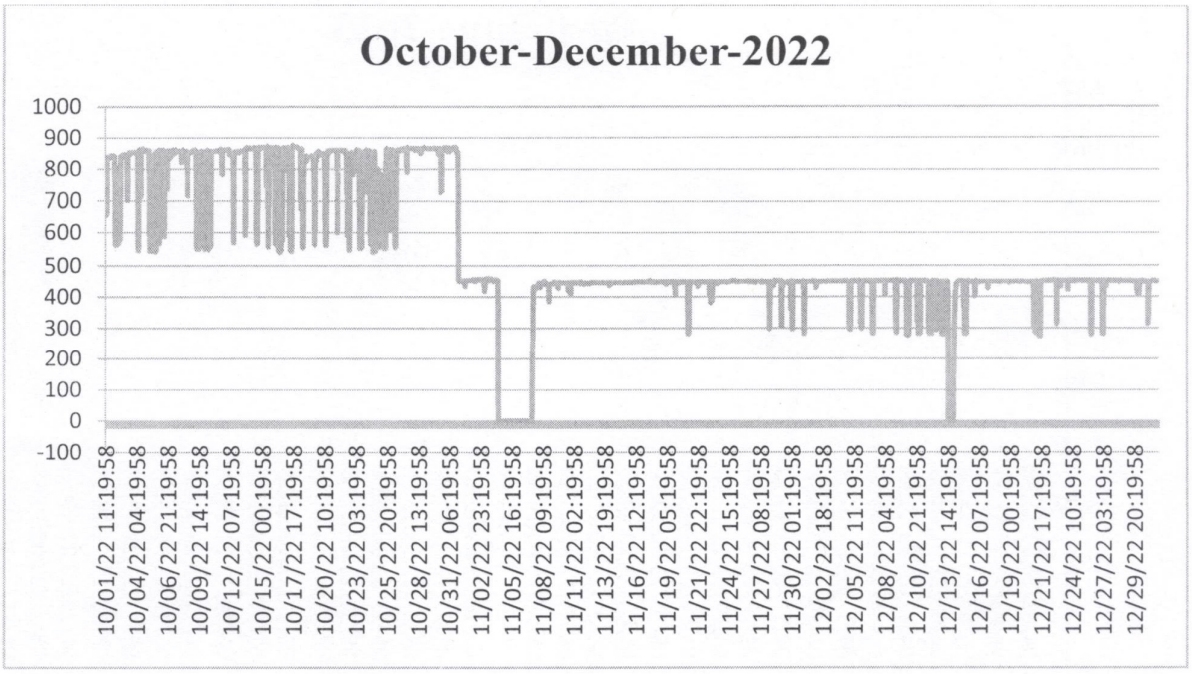
O/C Nt Receipt

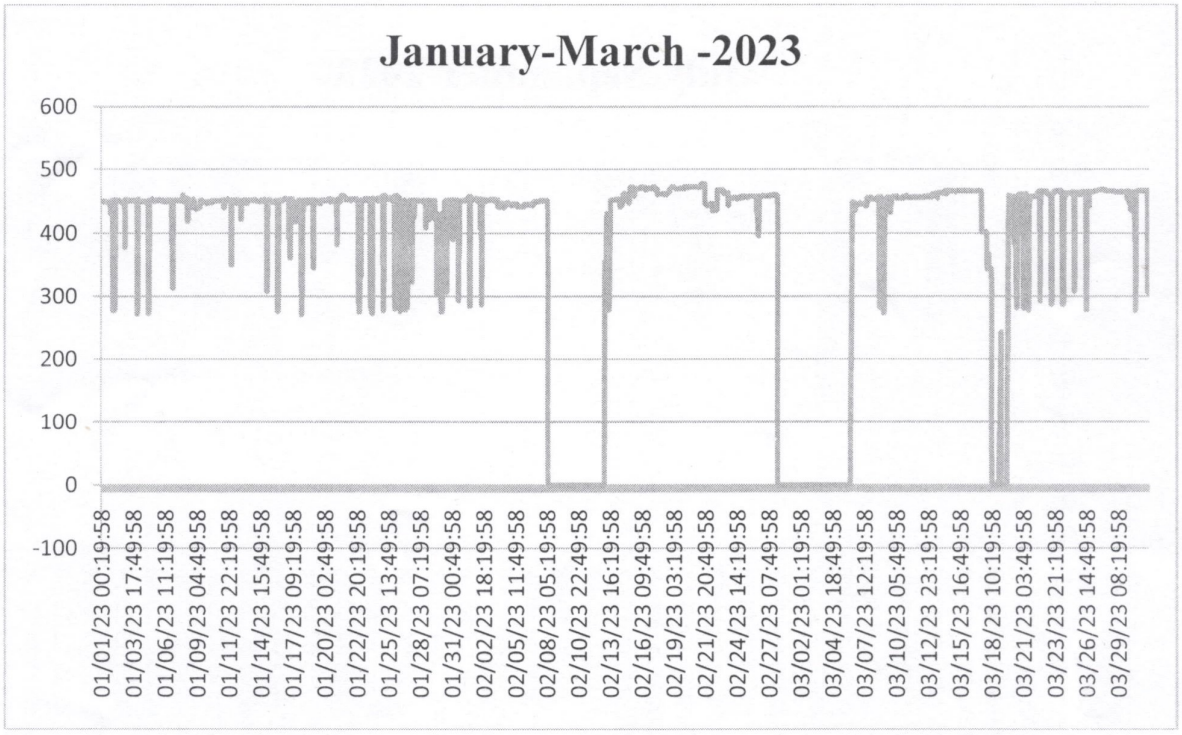
Load details of Varanasi Islanding Schme

Summer Peak (2022-23) MW	Summer Off Peak (2022-23) MW	Summer Average (2022-23)	Winter Peak (2022-23) MW	Winter Off Peak (2022-23)MW	Winter Average (2022-23)
879.15	419.53	643.62	688.5	384.12	490.455

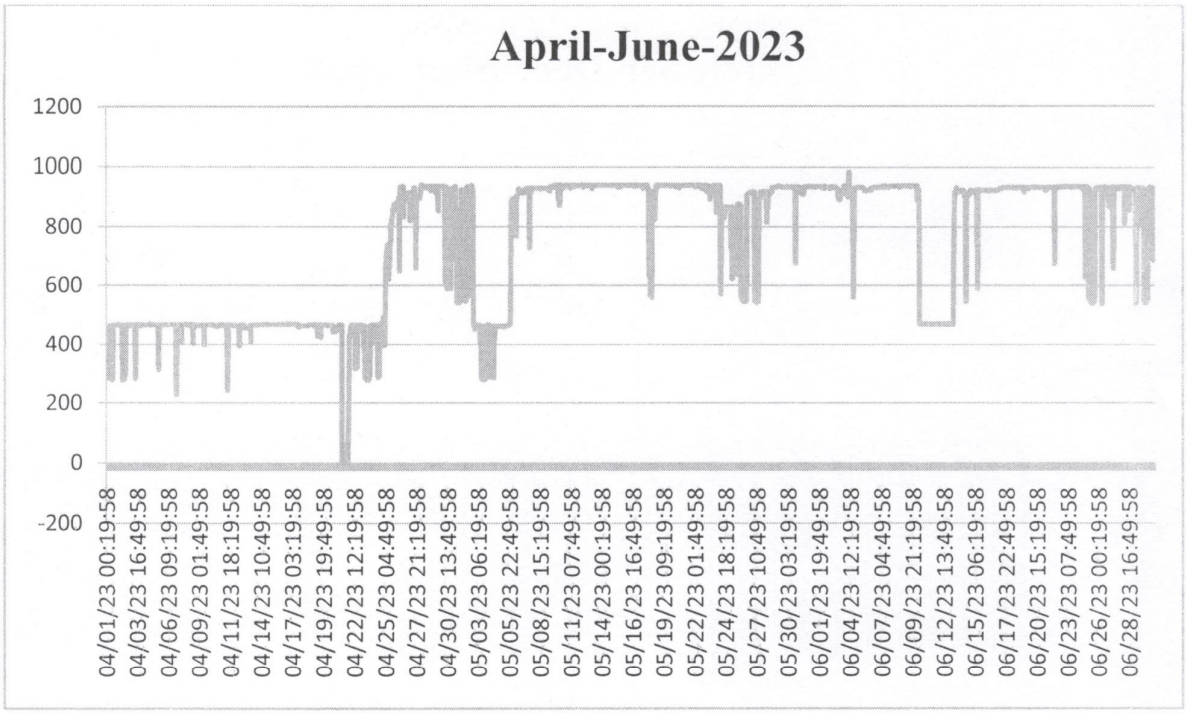
O/C

Generation Pattern of Anpara BTPS (2x500MW)





O/C
Rising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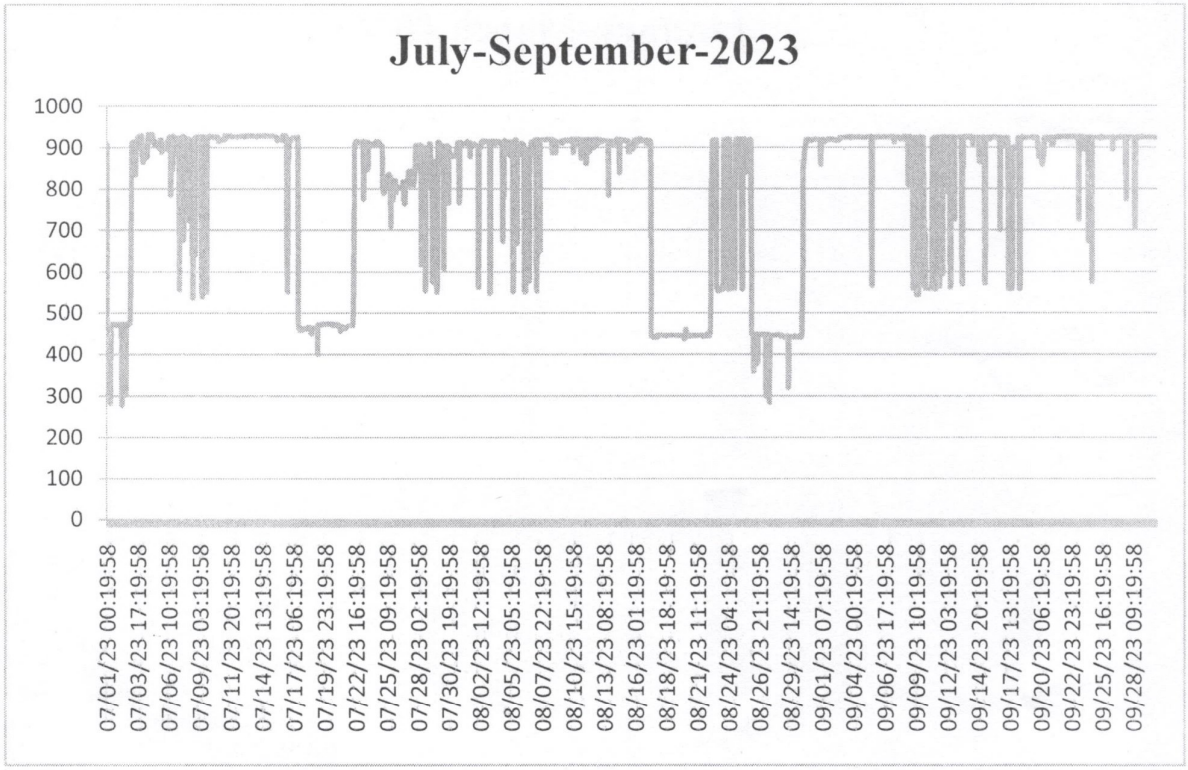
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09/25/23 16:19:58
09/28/23 09:19:58

Annexure-AA.II

उत्तर प्रदेश राज्य भार प्रेषण केन्द्र
उ0प्र0पॉवर ट्रांसमिशन कारपोरेशन लि0
(उत्तर प्रदेश सरकार का उपक्रम)
यू0पी0एस0एल0डी0सी0 परिसर, विभूति खण्ड–II
गोमती नगर, लखनऊ–226010
ई–मेल : cepso@upsldc.org
sera@upsldc.org

U.P. State Load Despatch Centre
U.P. Power Transmission Corporation Ltd.
(A U.P. Govt. Undertaking)
UPSLDC Complex, Vibhuti Khand – II
Gomti Nagar, Lucknow- 226010
E-mail: cepso@upsldc.org
sera@upsldc.org

No 69 **SE(R&A) /EE-II /WUPPTCL /OCC** **Date: -06 -01 2024**

Member Secretary, NRPC,
18 – A, SJSS Marg, Katwaria Sarai,
New Delhi, 110016.
(ms-nrpc@nic.in)

Subject: Agenda for 215th OCC meeting regarding Frequent Switching Operations of Reactor at 765kV Hapur and 765kV G.Noida substations. (Agenda by Western U.P. Power Transmission Co.Ltd .)

Western U.P. Power Transmission Co. Ltd (Transmission Licensee) has intimated to UPSLDC that as per IEC standards, 24 switching operations per year are permitted for Reactors. However, more than 24 switching operations have been observed on 3x80MVAr Reactors installed at 765kV Hapur and 765kV G.Noida substations.

It is to communicate that frequent (28 nos) operations of bus reactor were observed during 12/05/2023 to 11/06/2023 at 765KV Hapur substation only. Due to such frequent operations the reactors may get failed, as the reactors are not designed for such frequent switching operations. Guidelines/suggestions on the matter are required.

(Amit Narain)
Superintending Engineer (R&A)

No **SE(R&A) /EE-II /WUPPTCL/OCC** **Date: - 2024**

Copy forwarded to following for information and necessary action:-

1. Director, UPSLDC, Vibhuti Khand – II, Gomti Nagar, Lucknow.
2. Chief Engineer (PSO), UPSLDC, Vibhuti Khand – II, Gomti Nagar, Lucknow.
3. General Manager, NRLDC 18-A, SJSS Marg, Katwaria Sarai, New Delhi–110016.
4. Superintending Engineer (System Control), UPSLDC, Vibhuti Khand – II, Gomti Nagar, Lucknow.
5. SE (Operations), NRPC, 18 – A SJSS Marg, Katwaria Sarai, New Delhi, 110016.
6. CGM, WUPPTCL 400/220/33KV Sub- Station, Indirapurm, Kala Pathar, Ghaziabad- 201014.

(Amit Narain)
Superintending Engineer (R&A)

765 KV 240 MVAr Bus Reactor Operations at 765/400/220kV Hapur S/s						
Sr.No	**Element Name**	**Shutdown Date/Time**	**Operation**	**Before Voltage (kV)**	**After Voltage (kV)**	**Reason**
1	240MVAR Bus Reactor	12.05.2023 10:14 hrs	Shutdown	748	756	Shutdown code received due to low system voltage
2	240MVAR Bus Reactor	18.05.2023 04:05 hrs	Charging	810	799	Charging due to High system Voltage
3	240MVAR Bus Reactor	20.05.2023 10:28 hrs	Shutdown	749	761	Shutdown code received due to low system voltage
4	240MVAR Bus Reactor	20.05.2023 17:37 hrs	Charging	792	781	Charging due to High system Voltage
5	240MVAR Bus Reactor	22.05.2023 11:23 hrs	Shutdown	740	751	Shutdown code received due to low system voltage
6	240MVAR Bus Reactor	23.05.2023 23:18 hrs	Charging	803	792	Charging due to High system Voltage
7	240MVAR Bus Reactor	25.05.2023 10:54 hrs	Shutdown	749	760	Shutdown code received due to low system voltage
8	240MVAR Bus Reactor	25.05.2023 17:38 hrs	Charging	794	783	Charging due to High system Voltage
9	240MVAR Bus Reactor	29.05.2023 11:25 hrs	Shutdown	748	762	Shutdown code received due to low system voltage
10	240MVAR Bus Reactor	29.05.2023 15:24 hrs	Charging	791	778	Charging due to High system Voltage
11	240MVAR Bus Reactor	01.06.2023 11:39 hrs	Shutdown	754	766	Shutdown code received due to low system voltage
12	240MVAR Bus Reactor	04.06.2023 05:45 hrs	Charging	791	782	Charging due to High system Voltage
13	240MVAR Bus Reactor	05.06.2023 09:55 hrs	Shutdown	743	756	Shutdown code received due to low system voltage
14	240MVAR Bus Reactor	07.06.2023 06:45 hrs	Charging	798	790	Charging due to High system Voltage
15	240MVAR Bus Reactor	08.06.2023 10:07 hrs	Shutdown	747	758	Shutdown code received due to low system voltage
16	240MVAR Bus Reactor	09.06.2023 06:34 hrs	Charging	798	793	Charging due to High system Voltage
17	240MVAR Bus Reactor	09.06.2023 09:55 hrs	Shutdown	751	761	Shutdown code received due to low system voltage
18	240MVAR Bus Reactor	10.06.2023 06:38 hrs	Charging	795	787	Charging due to High system Voltage
19	240MVAR Bus Reactor	10.06.2023 10:50 hrs	Shutdown	748	760	Shutdown code received due to low system voltage
20	240MVAR Bus Reactor	10.06.2023 17:33 hrs	Charging	796	785	Charging due to High system Voltage
21	240MVAR Bus Reactor	11.06.2023 00:28 hrs	Shutdown	750	763	Shutdown code received due to low system voltage
22	240MVAR Bus Reactor	11.06.2023 06:31 hrs	Charging	798	791	Charging due to High system Voltage
23	240MVAR Bus Reactor	14.06.2023 15:13 hrs	Shutdown	745	756	Shutdown code received due to low system voltage
24	240MVAR Bus Reactor	15.06.2023 06:33 hrs	Charging	798	786	Charging due to High system Voltage
25	240MVAR Bus Reactor	15.06.2023 15:25 hrs	Shutdown	747	762	Shutdown code received due to low system voltage
26	240MVAR Bus Reactor	17.06.2023 06:56 hrs	Charging	797	787	Charging due to High system Voltage
27	240MVAR Bus Reactor	17.06.2023 12:07 hrs	Shutdown	740	748	Shutdown code received due to low system voltage
28	240MVAR Bus Reactor	18.06.2023 06:53 hrs	Charging	799	789	Charging due to High system Voltage
29	240MVAR Bus Reactor	20.06.2023 22:25 hrs	Shutdown	742	753	Shutdown code received due to low system voltage
30	240MVAR Bus Reactor	21.06.2023 5:17 hrs	Charging	795	785	Charging due to High system Voltage
31	240MVAR Bus Reactor	22.06.2023 11:59 hrs	Shutdown	745	757	Shutdown code received due to low system voltage
32	240MVAR Bus Reactor	25.06.2023 03:44 hrs	Charging	796	787	Charging due to High system Voltage
33	240MVAR Bus Reactor	26.06.2023 21:20 hrs	Shutdown	748	759	Shutdown code received due to low system voltage
34	240MVAR Bus Reactor	28.06.2023 04:36 hrs	Charging	793	781	Charging due to High system Voltage
35	240MVAR Bus Reactor	28.06.2023 10:53 hrs	Shutdown	753	765	Shutdown code received due to low system voltage
36	240MVAR Bus Reactor	29.06.2023 03:24 hrs	Charging	797	787	Charging due to High system Voltage
35	240MVAR Bus Reactor	01.07.2023 11:55 hrs	Shutdown	749	762	Shutdown code received due to low system voltage
36	240MVAR Bus Reactor	02.07.2023 02:36 hrs	Charging	794	782	Charging due to High system Voltage
35	240MVAR Bus Reactor	02.07.2023 21:45 hrs	Shutdown	742	756	Shutdown code received due to low system voltage
36	240MVAR Bus Reactor	06.07.2023 03:49 hrs	Charging	797	788	Charging due to High system Voltage

37	240MVAR Bus Reactor	20.07.2023 10:33 hrs	Shutdown	742	758	Shutdown code received due to low system voltage
38	240MVAR Bus Reactor	26.07.2023 05:20 hrs	Charging	798	790	Charging due to High system Voltage
39	240MVAR Bus Reactor	29.07.2023 22:28 hrs	Shutdown	744	755	Shutdown code received due to low system voltage
40	240MVAR Bus Reactor	07.08.2023 04:13 hrs	Charging	792	781	Charging due to High system Voltage
41	240MVAR Bus Reactor	09.08.2023 10:51 hrs	Shutdown	745	754	Shutdown code received due to low system voltage
42	240MVAR Bus Reactor	15.08.2023 07:24 hrs	Charging	789	779	Charging due to High system Voltage
43	240MVAR Bus Reactor	15.08.2023 21:30 hrs	Shutdown	748	762	Shutdown code received due to low system voltage
44	240MVAR Bus Reactor	19.08.2023 05:40 hrs	Charging	798	788	Charging due to High system Voltage
45	240MVAR Bus Reactor	20.08.2023 23:51 hrs	Shutdown	744	757	Shutdown code received due to low system voltage
46	240MVAR Bus Reactor	22.08.2023 22:26 hrs	Charging	778	767	Charging due to High system Voltage
47	240MVAR Bus Reactor	25.08.2023 20:42 hrs	Shutdown	746	757	Shutdown code received due to low system voltage
48	240MVAR Bus Reactor	03.09.2023 17:28 hrs	Charging	794	787	Charging due to High system Voltage
49	240MVAR Bus Reactor	04.09.2023 10:45 hrs	Shutdown	744	755	Shutdown code received due to low system voltage
50	240MVAR Bus Reactor	05.09.2023 18:34 hrs	Charging	797	787	Charging due to High system Voltage
51	240MVAR Bus Reactor	06.09.2023 11:48 hrs	Shutdown	739	750	Shutdown code received due to low system voltage
52	240MVAR Bus Reactor	07.09.2023 23:04 hrs	Charging	782	770	Charging due to High system Voltage
53	240MVAR Bus Reactor	13.09.2023 11:41 hrs	Shutdown	744	756	Shutdown code received due to low system voltage
54	240MVAR Bus Reactor	15.09.2023 06:47 hrs	Charging	797	789	Charging due to High system Voltage
55	240MVAR Bus Reactor	18.09.2023 19:23 hrs	Shutdown	747	756	Shutdown code received due to low system voltage
56	240MVAR Bus Reactor	23.09.2023 04:14 hrs	Charging	793	784	Charging due to High system Voltage
57	240MVAR Bus Reactor	23.09.2023 19:16 hrs	Shutdown	746	756	Shutdown code received due to low system voltage
58	240MVAR Bus Reactor	24.09.2023 04:42 hrs	Charging	793	780	Charging due to High system Voltage
59	240MVAR Bus Reactor	25.09.2023 16:26 hrs	Shutdown	752	762	Shutdown code received due to low system voltage
60	240MVAR Bus Reactor	01.10.2023 07:12 hrs	Charging	793	782	Charging due to High system Voltage
61	240MVAR Bus Reactor	03.10.2023 11:08 hrs	Shutdown	741	748	Shutdown code received due to low system voltage
62	240MVAR Bus Reactor	08.10.2023 19:03 hrs	Charging	786	777	Charging due to High system Voltage
63	240MVAR Bus Reactor	09.10.2023 11:31 hrs	Shutdown	739	748	Shutdown code received due to low system voltage
64	240MVAR Bus Reactor	10.10.2023 00:40 hrs	Charging	792	780	Charging due to High system Voltage
65	240MVAR Bus Reactor	10.10.2023 10:29 hrs	Shutdown	743	753	Shutdown code received due to low system voltage
66	240MVAR Bus Reactor	10.10.2023 23:09 hrs	Charging	786	772	Charging due to High system Voltage
67	240MVAR Bus Reactor	11.10.2023 10:28 hrs	Shutdown	743	753	Shutdown code received due to low system voltage
68	240MVAR Bus Reactor	11.10.2023 22:58 hrs	Charging	794	784	Charging due to High system Voltage
69	240MVAR Bus Reactor	14.10.2023 11:11 hrs	Shutdown	745	755	Shutdown code received due to low system voltage
70	240MVAR Bus Reactor	14.10.2023 22:22 hrs	Charging	782	772	Charging due to High system Voltage
71	240MVAR Bus Reactor	21.10.2023 09:45 hrs	Shutdown	748	758	Shutdown code received due to low system voltage
72	240MVAR Bus Reactor	21.10.2023 21:20 hrs	Charging	790	779	Charging due to High system Voltage
73	240MVAR Bus Reactor	25.10.2023 09:59 hrs	Shutdown	743	754	Shutdown code received due to low system voltage
74	240MVAR Bus Reactor	25.10.2023 21:03 hrs	Charging	788	779	Charging due to High system Voltage
75	240MVAR Bus Reactor	28.10.2023 10:40 hrs	Shutdown	753	763	Shutdown code received due to low system voltage
76	240MVAR Bus Reactor	28.10.2023 21:53 hrs	Charging	792	782	Charging due to High system Voltage
77	240MVAR Bus Reactor	30.10.2023 10:25 hrs	Shutdown	749	760	Shutdown code received due to low system voltage
78	240MVAR Bus Reactor	30.10.2023 20:06 hrs	Charging	790	779	Charging due to High system Voltage
79	240MVAR Bus Reactor	01.11.2023 10:13 hrs	Shutdown	751	761	Shutdown code received due to low system voltage

80	240MVAR Bus Reactor	01.11.2023 19:53 hrs	Charging	799	790	Charging due to High system Voltage
81	240MVAR Bus Reactor	03.11.2023 11:17 hrs	Shutdown	753	764	Shutdown code received due to low system voltage
82	240MVAR Bus Reactor	03.11.2023 20:08 hrs	Charging	798	789	Charging due to High system Voltage
83	240MVAR Bus Reactor	06.11.2023 10:37 hrs	Shutdown	751	761	Shutdown code received due to low system voltage
84	240MVAR Bus Reactor	06.11.2023 20:50 hrs	Charging	791	781	Charging due to High system Voltage
85	240MVAR Bus Reactor	07.11.2023 10:54 hrs	Shutdown	753	764	Shutdown code received due to low system voltage
86	240MVAR Bus Reactor	07.11.2023 20:59 hrs	Charging	793	783	Charging due to High system Voltage
87	240MVAR Bus Reactor	08.11.2023 10:36 hrs	Shutdown	754	768	Shutdown code received due to low system voltage
88	240MVAR Bus Reactor	08.11.2023 17:08 hrs	Charging	791	775	Charging due to High system Voltage
89	240MVAR Bus Reactor	09.11.2023 09:55 hrs	Shutdown	753	763	Shutdown code received due to low system voltage
90	240MVAR Bus Reactor	09.11.2023 21:54 hrs	Charging	792	778	Charging due to High system Voltage
91	240MVAR Bus Reactor	17.11.2023 10:44 hrs	Shutdown	748	759	Shutdown code received due to low system voltage
92	240MVAR Bus Reactor	17.11.2023 19:56 hrs	Charging	794	785	Charging due to High system Voltage
93	240MVAR Bus Reactor	18.11.2023 11:38 hrs	Shutdown	750	761	Shutdown code received due to low system voltage
94	240MVAR Bus Reactor	18.11.2023 21:28 hrs	Charging	795	785	Charging due to High system Voltage
95	240MVAR Bus Reactor	19.11.2023 10:14 hrs	Shutdown	756	764	Shutdown code received due to low system voltage
96	240MVAR Bus Reactor	19.11.2023 14:20 hrs	Charging	793	783	Charging due to High system Voltage
97	240MVAR Bus Reactor	02.12.2023 10:13 hrs	Shutdown	752	762	Shutdown code received due to low system voltage
98	240MVAR Bus Reactor	02.12.2023 15:06 hrs	Charging	790	779	Charging due to High system Voltage
99	240MVAR Bus Reactor	04.12.2023 10:18 hrs	Shutdown	752	763	Shutdown code received due to low system voltage
100	240MVAR Bus Reactor	04.12.2023 21:01 hrs	Charging	796	784	Charging due to High system Voltage
101	240MVAR Bus Reactor	08.12.2023 09:49 hrs	Shutdown	751	762	Shutdown code received due to low system voltage
102	240MVAR Bus Reactor	08.12.2023 13:49 hrs	Charging	783	772	Charging due to High system Voltage
103	240MVAR Bus Reactor	09.12.2023 09:28 hrs	Shutdown	749	761	Shutdown code received due to low system voltage
104	240MVAR Bus Reactor	09.12.2023 14:23 hrs	Charging	788	776	Charging due to High system Voltage
105	240MVAR Bus Reactor	12.12.2023 09:32 hrs	Shutdown	748	758	Shutdown code received due to low system voltage
106	240MVAR Bus Reactor	12.12.2023 13:36 hrs	Charging	788	778	Charging due to High system Voltage
107	240MVAR Bus Reactor	13.12.2023 09:48 hrs	Shutdown	749	760	Shutdown code received due to low system voltage
108	240MVAR Bus Reactor	13.12.2023 21:01 hrs	Charging	792	780	Charging due to High system Voltage
109	240MVAR Bus Reactor	15.12.2023 09:30 hrs	Shutdown	743	753	Shutdown code received due to low system voltage
110	240MVAR Bus Reactor	15.12.2023 15:25 hrs	Charging	788	776	Charging due to High system Voltage
111	240MVAR Bus Reactor	16.12.2023 09:21 hrs	Shutdown	744	756	Shutdown code received due to low system voltage
112	240MVAR Bus Reactor	16.12.2023 14:29 hrs	Charging	790	779	Charging due to High system Voltage
113	240MVAR Bus Reactor	17.12.2023 09:03 hrs	Shutdown	754	765	Shutdown code received due to low system voltage
114	240MVAR Bus Reactor	17.12.2023 14:21 hrs	Charging	790	778	Charging due to High system Voltage
115	240MVAR Bus Reactor	18.12.2023 09:01 hrs	Shutdown	748	758	Shutdown code received due to low system voltage
116	240MVAR Bus Reactor	18.12.2023 14:56 hrs	Charging	792	780	Charging due to High system Voltage
117	240MVAR Bus Reactor	19.12.2023 09:09 hrs	Shutdown	754	765	Shutdown code received due to low system voltage
118	240MVAR Bus Reactor	19.12.2023 13:19 hrs	Charging	791	779	Charging due to High system Voltage
119	240MVAR Bus Reactor	20.12.2023 09:30 hrs	Shutdown	747	759	Shutdown code received due to low system voltage
120	240MVAR Bus Reactor	20.12.2023 14:17 hrs	Charging	786	775	Charging due to High system Voltage
121	240MVAR Bus Reactor	24.12.2023 09:17 hrs	Shutdown	743	755	Shutdown code received due to low system voltage
122	240MVAR Bus Reactor	24.12.2023 16:18 hrs	Charging	799	787	Charging due to High system Voltage

123	240MVAR Bus Reactor	25.12.2023 09:36 hrs	Shutdown	742	754	Shutdown code received due to low system voltage
124	240MVAR Bus Reactor	25.12.2023 15:30 hrs	Charging	787	775	Charging due to High system Voltage
125	240MVAR Bus Reactor	26.12.2023 09:49 hrs	Shutdown	751	763	Shutdown code received due to low system voltage
126	240MVAR Bus Reactor	28.12.2023 16:41 hrs	Charging	783	771	Charging due to High system Voltage
127	240MVAR Bus Reactor	31.12.2023 10:56 hrs	Shutdown	752	764	Shutdown code received due to low system voltage
128	240MVAR Bus Reactor	31.12.2023 15:37 hrs	Charging	799	788	Charging due to High system Voltage
129	240MVAR Bus Reactor	02.01.2024 10:00 hrs	Shutdown	746	757	Shutdown code received due to low system voltage
130	240MVAR Bus Reactor	02.01.2024 21:08 hrs	Charging	785	774	Charging due to High system Voltage
131	240MVAR Bus Reactor	03.01.2024 10:38 hrs	Shutdown	742	753	Shutdown code received due to low system voltage
132	240MVAR Bus Reactor	03.01.2024 17:30 hrs	Charging	784	775	Charging due to High system Voltage
133	240MVAR Bus Reactor	04.01.2024 09:17 hrs	Shutdown	751	763	Shutdown code received due to low system voltage
134	240MVAR Bus Reactor	05.01.2024 21:06 hrs	Charging	787	778	Charging due to High system Voltage
135	240MVAR Bus Reactor	06.01.2024 10:03 hrs	Shutdown	772	778	Shutdown code received due to low system voltage