

पावर सिस्टम ऑपरेशन कारपोरेशन लिमिटेड

(भारत सरकार का उद्यम)

POWER SYSTEM OPERATION CORPORATION LIMITED

(A Govt. of India Enterprise)



उत्तरी क्षेत्रीय भार प्रेषण केन्द्र / NORTHERN REGIONAL LOAD DESPATCH CENTRE

कार्यालय : 18-ए, शहीद जीत सिंह सनसनवाल मार्ग, कटवारिया सराय, नई दिल्ली- 110016

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संदर्भ संख्या: NRLDC/TS/ROPS/TS-86/2020/567-571 दिनांक: 18 मार्च 2020

IMPLEMENTATION PLAN FOR REGULATION OF POWER SUPPLY BY NHPC TO UPPCL FROM SALAL, TANAKPUR, CHAMERA-I, CHAMERA-II, CHAMERA-III, URI-I, URI-II, DULHASTI, DHAULIGANGA, PARBATI-III, SEWA-II, KISHANGANGA.

CERC (Regulation of Power Supply) Regulation, 2010 एवं NHPC के UPPCL को विद्युत आपूर्ति नियमन की सूचना 'NH/Comm1. /UPPCL/333/2020/582 दिनांकित 16-03-2020' के अनुसार एनएचपीसी से यूपीपीसीएल को 20 मार्च 2020 के 0000 बजे से विद्युत आपूर्ति नियमन के संबंध में योजना कार्यान्वयन (Implementation Plan) संलग्न है। यह योजना NRLDC की वेबसाइट 'www.nrlc.in' पर भी उपलब्ध है।

यह आपके सूचनार्थ एवं आवश्यक कार्यवाही हेतु है।

संलग्नक: यथोपरि

आलोक
(आलोक कुमार)

व०उप महाप्रबंधक (प्रणाली प्रचालन-II)

वितरण:

1. अध्यक्ष, UPPCL, शक्ति भवन, 14-अशोक मार्ग, लखनऊ- 226001
2. निदेशक (एसएलडीसी), राज्य भार प्रेषण केन्द्र, UPPTCL, बिभूति खंड-II, गोमती नगर, लखनऊ -226010
3. मुख्य अभियंता (वाणिज्यिक), एनएचपीसी लिमिटेड, सैक्टर-33, फ़रीदाबाद- 121 003
4. सदस्य सचिव, उत्तर क्षेत्रीय विद्युत समिति, नई दिल्ली
5. अध्यक्ष एवं प्रबंध निदेशक, पो०सो०को०, नई दिल्ली

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**IMPLEMENTATION PLAN FOR REGULATION OF POWER SUPPLY
TO UTTAR PRADESH POWER CORPORATION LIMITED (UPPCL)
BY NHPC**

संदर्भ संख्या: NRLDC/TS/ROPS/TS-86/2020

दिनांक: 18 मार्च 2020

Regulating Entity: NHPC

Regulated Entity : Uttar Pradesh Power Corporation Ltd. (UPPCL)
The above entity is within the Control Area of SLDC-UP

Regulation Notice:

by NHPC: NH/Comml. /UPPCL/333/2020/393-417 दिनांकित 29-02-2020

Other Correspondences:

1. Letter no. NH/Comml./333/2020/373-74 dtd. 27.02.2020 from GM (Comml.), NHPC to Director (F), UPPCL.
2. Letter no. NH/Comml./333/2020/346-48 dtd. 22.02.2020 from Director (F), NHPC to Director (F), UPPCL.
3. Letter no. NH/Comml./333/2020/214 dtd. 05.02.2020 from GM (Comml.), NHPC to Director (F), UPPCL.
4. Letter no. NH/Comml./333/2019/2858-59 dtd. 11.12.2019 from GM (Comml), NHPC to Executive Director (Finance), UPPCL.
5. Letter no. NH/Comml./2019/2769-70 dtd. 29.11.2019 from GM (Comml.), NHPC to Executive Director (Finance), UPPCL.

Date and time for Commencement of Regulation 00:00 hrs of 20th March 2020

Source of power SALAL, TANAKPUR, CHAMERA-I, CHAMERA-II, CHAMERA-III, URI-I, URI-II, DULHASTI, DHAULIGANGA, PARBATI-III, SEWA-II, KISHANGANGA.

Quantum of power regulation to UPPCL from NJHPS 100% (allocated +unallocated power from time to time by Ministry of Power, Gol).

Duration of Regulation 20th March 2020 से 3th April 2020

Authority CERC (Regulation of Power Supply) Regulations 2010 dated 28.09.2010. Regulation 10 of the above CERC regulation for concurrent regulation read along with the corrigendum No. L-1/42/2010-CERC issued on 5th September 2011

Scheme of Regulation :

1. Background:

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- a. NHPC had proposed Power Supply Regulation w.e.f 00:00 hrs of 20th March 2020 from its 12 Power Station to **Uttar Pradesh Power Corporation Ltd (UPPCL)** within Uttar Pradesh State Control Area.
- b. NHPC through its regulation notice has Intimated that the allocation of UP from the NHPC stations is as given below.

Allocation of Power to UPPCL from NHPC Power Stations

Sl. No.	Power Station	Installed Capacity (MW)	Allocation as per REA for Jan'2020 to UPPCL (MW)	Allocation to UPPCL (%)**
1	SALAL	690	47.96	6.950
2	TANAKPUR*	94.2	18.16	22.640
3	CHAMERA-I	540	109.46	20.270
4	URI	480	96.29	20.060
5	CHAMERA-II	300	68.88	22.960
6	DHAULIGANGA	280	61.35	21.910
7	CHAMERA-III	231	50.97	22.064
8	Uri-II	240	50.70	21.125
9	Dulhasti	390	92.55	23.730
10	Parbati-III	520	114.76	22.070
11	SEWA-II	120	29.30	24.420
12	Kishanganga	330	143.91	43.610
Sub-Total		4215	884.28	

*Nepal Share is deducted before percent allocation as per variable schedule received from Nepal.

** Share as per NRPC order No. NRPC/OPR/103/02/2019/13456-83 dtd 01.11.2019

- c. NHPC through its regulation notice has informed that power rendered surplus due to regulation of power supply to UPPCL, would be sold through Energy Exchange platform or through any other bilateral agreements.
- d. NHPC has given an affidavit through its letter NH/Comm1. /UPPCL/333/2020 दिनांकित 03.03.2020 and through this affidavit has undertaken to indemnify, defend and save NRLDC and hold NRLDC harmless from any and all damages, losses, claims and actions, demands, suits, recoveries, cost and expenses, court costs, attorney fees, and all other obligations arising out of or

3/11/20

resulting from the regulation of power in terms of the regulations to UPPCL. This indemnification is in line with section 5 of the CERC (Regulation of Power Supply) Regulations and paragraph 13.9 of the Statement of Reasons for these regulations.

2. Regulation:

Regulation will be effected from **00:00 hrs of the 20th March 2020**. The regulation shall continue as stated in “**Duration of regulation**” or **upto an earlier date** if default is rectified which would be communicated by the regulating entity to NRLDC. The regulation will be done by reducing the schedule of UPPCL from the identified source (NJHPS). SLDC UP will have to regulate drawal schedule for the intrastate regulated entities and RLDC would regulate drawl schedule of UP State Control Area.

Scheme:

- i) ISGS station of NHPC would declare the capability from its power plants to NRLDC as being done presently.
- ii) In line with the clause 6.4.18 of the Indian Electricity Grid Code (IEGC), NHPC station shall faithfully declare its plant capability. Demonstration of Declared Capability of the Station and mis-declaration shall be dealt as per appropriate clauses of the IEGC.
- iii) NRLDC would communicate the total entitlement of power to UP source wise from each ISGS station (s) (based on % share of UP in these plants) as is being done in normal conditions. (Implying that this stage would continue to be same whether there is power supply regulation from the plant or normal supply).
- iv) SLDC UP would work out the DISCOM or embedded entity wise entitlement from the figures communicated by NRLDC and forward the same to its DISCOMS/embedded entities.
- v) UPPCL while communicating its requisition from 12 stations of NHPC to SLDC UP, would give ‘nil’ requisition from 12 stations (in line with the regulation notice by NHPC). Requisitions from other non regulated ISGS stations would continue to be as per normal practice for requisitioning in line with the IEGC. Requisitions from other regulated ISGS stations shall be in line with respective implementation plan.
- vi) SLDC UP would aggregate the requisitions received from each DISCOM/embedded entity. While doing so, SLDC UP would ensure that the requisition by UPPCL is reduced to zero (as NHPC has desired 100 % regulation) from identified ISGS stations.
- vii) The SLDC UP will ensure that the total requisition by UP from identified ISGS station in NR is reduced by regulated percentage. SLDC UP shall also ensure that UPPCL’s requisition from 12 stations have been reduced as stated in the regulation notice issued by the NHPC Limited. The rounding of the declaration, requisition, schedule figures at interstate level would be in line with the Indian Electricity Grid Code.

- viii) In the web-based scheduling process (available on the NRLDC website), the SLDC UP would fill restricted percentage in the appropriate place named as *submit restriction* in the scheduling software. The restricted percentage is the total share of UPPCL in identified ISGS in NR from hundred percentage share of UP. For example, let us say an identified ISGS station in NR declares a capacity of 1000 MW and say UP's Share is 10% in it i.e. 100 MW and UPPCL Share is 100% from the 10% (100 MW). In this example the SLDC UP will have to fill 100% in the space '*submit restriction*' provided within the web based scheduling software. The restricted percentage would be the regulated quantum of UPPCL power from the identified ISGS stations in NR.
- ix) SLDC UP shall also fill the restrictions/ requisitions from the ISGS generating stations of other regions and that of same region from where the power is being regulated by the generating companies in line with respective implementation plan.
- x) NRLDC shall incorporate the requisitions sent by SLDC UP and shall not generally incorporate any changes on its own.
- xi) NRLDC would communicate the net injection schedule for all ISGS stations after incorporating any Short Term Open Access (STOA) or Power Exchange (PX) transactions by the ISGS power stations. Approvals for STOA and collective transactions through PX would be as per the CERC Regulations.
- xii) After receiving the injection schedule, identified ISGS stations shall also verify the quantum of power that has been regulated. In case of any gaps the same shall be informed to NRLDC.
- xiii) After finalization of injection schedule, the regulating entity shall also see and cross check the regulated quantum and in case of any gaps, the same shall be informed to NRLDC.
- xiv) The generation by identified ISGS stations in NR shall be done as per the appropriate CERC Regulations.

3. Grid Security Aspect:

NRLDC and SLDC-UP would closely monitor the system parameters during the period of power regulation and would take prompt action to maintain the grid parameters within safe limit. In case of overdrawal by the defaulting entities, the SLDC UP would take prompt action to curtail the overdrawal for safe operation of the grid. All the entities including regulating and regulated would take prompt action in respect of grid security and on receipt of any instruction from NRLDC/SLDC. NRLDC may defer the implementation of the regulation in case of any grid security related issue in line with Regulation 11(2) of the CERC (Regulation of Power Supply), Regulation, 2010.

4. Power Supply to essential services:

SLDC UP/Regulated entities shall ensure that power supply to sensitive/important installations like defense, mines, medical, water-supply, aviation, railways,

installations of national importance etc. are not affected on account of this regulation. Further SLDC UP/Regulated entities shall ensure that there is no impact, if any, on international agreements and other sovereign obligations.

5. Deferment / Withdrawal of regulation:

Regulating Entities proposing to withdraw / postpone the regulation, shall inform at least two days prior to the day of withdrawal or postponement of such regulation as per the regulation 9 of CERC regulations.

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