



HIMACHAL PRADESH ELECTRICITY REGULATORY COMMISSION

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To

✓ The Chief Engineer,
HPSLDC, Government of Himachal Pradesh,
SLDC Complex, Totu, Shimla-171011

Subject: Detailed procedure for Scheduling of Un-Requisitioned Surplus (URS) Power in the State of HP.

Sir,

Please refer to your office letter No. HPSLDC/Scheduling/Vol-I/2020-21-5436 dated 02.11.2021 vide which it was intimated that no comments/objections have received from the stakeholders on the draft procedure for Scheduling, Booking & Accounting of Un-Requisitioned Surplus (URS) Power in the State of Himachal Pradesh. However, the comments/suggestions of HPSLDC thereon have been submitted vide the said letter.

In this regard, it is informed that keeping in view the various possible situations under which URS are to be arranged by following the broadened principles and also considering the comments/suggestions submitted by HPSLDC, the draft procedure has been modified to cater such situations and the final procedure is enclosed herewith for necessary action at your end.



Yours sincerely,

Executive Director (Tech.)

Encl: As Above.

Copy of the above is forwarded to the Managing Director, HPSEBL, Vidyut Bhawan, Shimla-171004(HP) for information, please.

Encl: As Above.

Executive Director (Tech.)



HIMACHAL PRADESH STATE LOAD DESPATCH CENTRE
(an Apex body)
GOVERNMENT OF HIMACHAL PRADESH



DETAILED PROCEDURE FOR

SCHEDULING, BOOKING

&

ACCOUNTING OF URS POWER

IN THE STATE OF HIMACHAL PRADESH

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DETAILED PROCEDURE FOR SCHEDULING, BOOKING & ACCOUNTING OF URS
POWER IN THE STATE OF HIMACHAL PRADESH

1. Outline and Applicability:

1.1 HPSLDC is responsible for optimum Scheduling and Dispatch of Electricity within the State in accordance with the contracts entered into by the distribution Licensee(s), Generating Companies operating in the State, power availability and entitlement of State Entities in ISGS. The system of each State Entity is being operated as a notional control area and the State Grid is operating as a combination of power pool with decentralized scheduling and dispatch.

1.2 This detailed procedure (“the procedure”) has been framed in pursuance to the provisions of the Himachal Pradesh Electricity Regulatory Commission (Deviation Settlement Mechanism and Related Matters) Regulations, 2018, as amended from time to time, which have hereinafter been jointly referred to as “the said Regulations”.

1.3 This procedure covers guidelines, terms & conditions and accounting procedure for Scheduling, booking and Accounting/Apportionment, amongst the eligible State Entities of Un-Requisitioned Surplus (URS) power procured by HPSLDC with reference to Regulation 5(L) of the said Regulations.

(i) This procedure shall apply to HPSLDC and the State Entities except the consumers of distribution licensee who may meet a part of their Contract demand through Open Access:

1.4 HPSLDC shall be the Nodal Agency for Scheduling and Accounting/Apportionment of URS Power amongst the eligible State Entities is line with the said Regulations.

2. **Definitions:**

2.1 'Eligible State Entities' mean such State Entities to whom this procedure is applicable as per para 1.3(i) of this procedure.

2.2 'Variable Charges' means the charges, other than Capacity charges, reckoned as per the tariff determined by the appropriate Commission under Section 62 of the Electricity Act,2003 (hereinafter referred as the Act):

Provided that in case of the Generating Plants for which the tariff is adopted by the appropriate Commission under Section 63 of the Act, such charges shall be reckoned as per the provisions of the PPA.

2.3 The words and expressions used in this procedure shall have the same meaning assigned to them in the Act and/or the said regulations; the words and expressions used herein but not specifically defined in the said Regulations or in the Act, but defined under any law, passed by a competent Legislature and applicable to the electricity industry in the State, shall have the meanings assigned to them in such law; the words and expressions used herein, but not specifically defined in the regulations or in the Act or any law passed by a competent Legislature, shall have the meanings as are generally assigned to them in the electricity industry.

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3. **Procedure for Scheduling of URS Power:**

3.1 HPSLDC shall make available, on its web portal www.hpslhc.com, and shall also keep the same updated round the clock, for the information of all the eligible State Entities, the following information, namely;-

- (i) The details of Fixed / Variable Charges of each of ISGS (Thermal / Diesel / Hydro / Gas Generating Stations) from which URS Power can be Scheduled by SLDC;
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- (ii) Station wise availability of Un-requisitioned Surplus (URS) Power on real time basis and also on day ahead basis based on the information made available to it by NRLDC.

3.2 Requisition of URS Power by Eligible State Entity(ies) and Scheduling thereof:

- (a) Any eligible State Entity(ies), anticipating over-drawal/under-injection, with reference to the scheduling already done on day ahead basis, due to unforeseen reasons, can make request, alongwith complete details relating to power scheduled, expected availability and reason for shortfall for each time block for which URS power is required, to HPSLDC for Scheduling of URS Power through the web portal of HPSLDC indicating therein specific quantum (MW) for each time block.

Provided that the distribution licensee may request the HPSLDC for Scheduling of URS Power, on day ahead basis or otherwise, even in absence of unforeseen reasons.

- (b) The concerned State Entity shall simultaneously forward a copy of the format so submitted to the distribution licensee for a No Objection Certificate.
- (c) The distribution licensee shall, within two hours from receipt of such a request, either issue the No Objection Certificate with suitable conditions as it may consider appropriate, or else shall decline to issue such a certificate by communicating suitable reasons. In case the distribution licensee fails to respond within said time from receipt of such request, it shall be deemed that the distribution licensee does not have any objection in this regard.
- (d) HPSLDC shall, on receipt of such a request for Scheduling of URS Power from a eligible State Entity and No Objection Certificate from the distribution licensee, make the request to NRLDC through its web based energy scheduling portal as per the Protocol for Scheduling of URS power in ISGS issued/followed from time to time in line with the IEGC, any other orders/regulations of the Central Commission and the provisions of HPERC Grid Code.

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- (e) As and when any such URS Power is scheduled by NRLDC, the State HPSLDC shall revise the Schedule of the concerned eligible State Entities.
- (f) In case the URS power booked by SLDC is reversed by NRLDC, whatsoever the reasons may be, the HPSLDC shall revise, through its web portal and without any delay, the schedule of the concerned eligible State Entity(ies) under intimation to them and shall also get the same implemented.
- (g) The distribution licensee may withdraw the No Objection Certificate issued or deemed to have been issued , by it, to any eligible State Entity, for any time block(s), as per item (c) above, at any stage, but at least 1 hour before the commencement of time block for which such NOC is to be withdrawn and may request the HPSLDC to schedule the corresponding power to it so as to enable it to meet its shortages during that time blocks. In such a case, the HPSLDC shall revise through its web portal and without any delay, the schedule for the relevant time blocks of the concerned eligible State Entities under intimation to them with immediate effect.
- (h) HPSEBL, being the sole beneficiary of ISGS, shall have the first right on the available URS Power from the Station(s) having lowest variable cost(s). In case of other eligible State Entities if multiple Entities request simultaneously for Scheduling of URS Power, HPSLDC shall schedule the URS Power to such Entities for respective time block on first come first serve basis.

Provided that if the URS Power is to be scheduled for a time block to two or more eligible State Entities, other than the distribution licensee, from different stations, the URS Power from each such Station(s) shall be scheduled in proportion to requisitions made by such eligible State Entities.

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Note: The principle of first cum first serve basis shall be applicable for the availability of power only, and the principle as per the proviso shall be applicable for identifying the rate at which such power is to be scheduled.

- (i) In case of revision of a schedule of any eligible State Entity under the provisions of this para due to any reasons whatsoever, the concerned State Entity may, if required submit fresh requisition for scheduling of URS Power for those time blocks.
- (j) In case of surrender of power by distribution licensee from any Station(s), the HPSLDC shall schedule such power to other State eligible Entities, who might have requisitioned the URS Power, from the Stations having lowest variable cost and shall initiate the process of surrendering the remaining URS Power to NRLDC.

3.3 **Forced Scheduling of URS Power by HPSLDC:**

Clause 5 (L) of the said Regulations is reproduced hereunder:

5 (L) Procurement of URS in the interest of the State Grid: In the event of sudden fall in availability of one or more State Entities by more than 20 MW for any individual State Entity, if the concerned the State Entity generator has not already initiated any steps, or is not entitled, to revise his schedule, the SLDC may, in the interest of grid security, procure, under intimation to such State Entity(ies), URS from the concerned generating stations for such time blocks as it may feel appropriate duly keeping in view the main objectives that no energy cuts should be imposed in the State, as far as possible, and also that the grid parameters must be maintained within the permissible limits:

In line with clause 5(L) of the said Regulations, HPSLDC shall, in the interest of Grid Security, submit the requisition to NRLDC/Schedule the appropriate quantum of URS Power to the extent, the following conditions are met:

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- (i) For a continuous period of four time blocks;
 - (a) the over-drawal of the State continues to be more than 150 MW;
 - (b) the average grid frequency continues to remain below 49.85 Hz; and
 - (c) no action has been initiated by the concerned eligible State Entity(ies) to manage their deviations (over-drawal/under injection) or the action, if any, taken by them is not adequate to restrict the over-drawal of the State, as a whole, to 150 MW.
 - (d) HPSLDC has reasons to believe that such situation is likely to prevail in the time blocks for which URS Power is being requisitioned:

Provided that in case of sudden shortfall in the availability of the State due to unforeseen reasons such as outage of any major power plants, the HPSLDC may initiate action to submit requisition to NRLDC, in partial relaxation of the condition as per item (i) above, without watching the over-drawal and frequency for four consecutive time blocks.

- (ii) The URS Power is available in the time block at an average rate, reckoned at state periphery, not exceeding 1000 Paise/KWh.
- (iii) The Quantum of URS Power to be requisitioned/scheduled for any time block under the provision of this sub para 3.3 not as a matter of routine and the same shall not in any case exceed 50% of the expected shortage of the State as a whole in that time block.

3.4 Booking Principles:

- (a) In case the URS Power is scheduled to any eligible State Entity(ies) as per the provisions of para 3.2 of this procedure, the URS power shall be booked to the various eligible State Entities as per their schedules as revised from time to time.
- (b) In case of scheduling of URS Power under the provisions of para 3.3, the URS Power shall be scheduled by HPSLDC for the respective time blocks for the State as a whole without scheduling the same to any specific State Entity(ies) unless any State Entity submits requisition of a part of such power as per provisions of para 3.2 above .The URS

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Power so scheduled for the state as a whole shall be booked by HPSLDC on ex post facto basis, on the following principles:

- (i) The URS Power from the Stations having lowest variable cost shall always be first booked to the distribution licensee, being the original beneficiary of ISGS, to offset, to maximum possible extent, its over-drawal in each time block for which the URS power have been booked.
- (ii) The total URS Power from other sources for each time block, as have not been allocated to HPSEBL in accordance with item (i) above, shall be allocated to the eligible State Entities, other than HPSEBL for each time block in proportion to the under injection for each such eligible State Entity(ies) before any adjustment on account of URS Power.

Provided that the URS Power to be allocated to any eligible State Entity, other than distribution licensee shall be restricted to 50% of its schedule in a time block.

Provided further that no URS Power shall be allocated to any other such eligible State Entities whose schedule in a time block is less than 20MW unless the shortage in case of such eligible Entity exceeds 70% of his schedule in a time block.

Provided further that URS Power to be allocated to any eligible State Entity under para 3.3 of this procedure, shall not exceed such limit as may make the concerned State Entity surplus in that time block.

- (iii) Save as Provided in clause (i) above, the URS Power allocated to the eligible State Entities, other than distribution licensee under clause (ii) shall be booked to the concerned State Entities on prorata basis from each ISGS for each relevant

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time block, thus facilitating booking of such URS to the concerned eligible State Entities, other than distribution licensee , at a uniform rate at the State periphery.

- (iv) In case any part of the URS Power scheduled under para 3.3 remained unapportioned, after its booking to the concerned State Entity(ies), as per clause (i), (ii) and (iii) above, such residual URS power shall be booked on prorata basis to the eligible State Entities, including distribution licensee, who had been over drawing/under injecting during the four time blocks or the scenario which were taken into consideration by HPSLDC before requisitioning URS Power from the NRLDC.

Provided that such residual URS Power shall be booked to each concerned eligible State Entity on prorata basis from each ISGS from which such residual power have been scheduled for the State of HP.

4. Accounting and Settlement:

- (a) HPSLDC shall, based on the principles enunciated in this procedure, prepare weekly and monthly accounts on time block-wise, day-wise, station wise URS Power booked to individual eligible State Entity(ies) and shall publish the same on its web portal.
- (b) The HPSLDC shall also apportion and reconcile, within 5 days from the date of issue of monthly accounts by NRPC, whether provisional or final or revised, for any month, the total URS Power booked for the State amongst concerned State Entity(ies) duly keeping in view the weekly and monthly bills already prepared by it.
- (c) The distribution licensee (HPSEBL) shall, based upon the URS power apportioned amongst the eligible State Entities and bills received by it from various ISGS, raise the provisional bills to the concerned State entities which shall be payable by the concerned State Entities within 15 days of issuance of such bills and recoverable by HPSEBL alongwith the interest at the rates as specified in the said Regulations.

Provided that distribution licensee shall also on the receipt of final or revised accounts or bills, raise the bills of differential amount which shall be payable / adjustable within 15 days from the date of issuance of each such bill and shall also attract interest at the rates as specified in said Regulations in case of delay/ adjustment beyond the period of 15 days.

- (d) In case of non-payment of URS charges by any State Entity, same shall be dealt as per provisions of the said Regulations.
- (e) The HPSLDC shall in turn pay the recovered amount alongwith interest for late payment for each day starting from the date of expiry of grace period of 15 days till the date of payment/settlement within 3 days of receipt of such payment at the rates as specified in said Regulations. In case of part payment the same shall be adjusted against Late Payment Surcharge and thereafter against Principal Amount.
- (f) HPSLDC shall also maintain and host on its web portal the URS pool Status and interest on Late payment of URS Power at the end of the week/month/quarter/year.

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