UTTARAKHAND ELECTRICITY REGULATORY COMMISSION

'Vidyut Niyamak Bhawan', Near I.S.B.T., P.O.-Majra, Dehradun-248171

Draft Notification

August ……, 2026

No. ………………..-In exercise of the powers conferred under Section 181 of the Electricity Act, 2003 (36 of 2003), and all other powers enabling it in this behalf, the Uttarakhand Electricity Regulatory Commission hereby makes the following Regulations, namely:

1. Short Title and Commencement

(1) These Regulations may be called the Uttarakhand Electricity Regulatory Commission (Deviation Settlement Mechanism and Related Matters) Regulations, 2026.

(2) These Regulations shall come into force from the date as notified by the Commission.

2. Definitions and Interpretation

(1) In these Regulations, unless the context otherwise requires,

(a) 'Act' means the Electricity Act, 2003 (36 of 2003);

(b) 'Actual drawal' in a time-block means electricity drawn by a buyer, as the case may be, measured by the interface meters;

(c) 'Actual injection' in a time-block means electricity generated or supplied by the seller, as the case may be, measured by the Interface meters;

(d) 'Ancillary Services' means the Ancillary Services as defined in the Ancillary Services Regulations;

(e) 'Ancillary Services Regulations' means the Uttarakhand Electricity Regulatory Commission (Ancillary Services) Regulations, 2026, as amended from time to time and shall include any re-enactment thereof;

(f) 'Area Clearing Price (ACP)' means the price of an electricity contract for a time-block transacted on a Power Exchange after considering all valid buy and sale bids in a particular area(s) after market-splitting

(g) 'Available Capacity' for generating station based on wind or solar or hybrid of wind-solar resources, is the cumulative capacity rating of wind turbines or solar inverters that are capable of generating power in a given time block and shall be limited to the quantum of connectivity granted;

(h) 'Beneficiary' means a person purchasing electricity generated from a generating station;

(i) 'buyer' means a person, including beneficiary, purchasing electricity through a transaction scheduled in accordance with the Regulations applicable for short-term open access, medium-term open access and long-term access;

(j) 'Central Commission' means the Central Electricity Regulatory Commission referred to in sub-section (1) of section 76 of the Act;

(k) 'Commission' means the Uttarakhand Electricity Regulatory Commission referred to in sub-section (1) of section 82 of the Act;

(l) 'Contract rate' means

   (i) Rs/kWh tariff as determined or adopted or approved by the Appropriate Commission in respect of a WS seller or a MSW Seller or such other entity as applicable, whose tariff is determined or adopted or approved under Section 62 or Section 63 or Section 86(1)(b) of the Act; or

   (ii) in respect of a WS seller or a MSW Seller or such other entity as applicable, whose tariff is not determined or adopted or approved under Section 62 or Section 63 or Section 86(1)(b) of the Act, and selling power through power exchange(s), is the price as discovered in the Power Exchange for the respective transaction; or

   (iii) in respect of a WS seller or a MSW seller or such other entity as applicable, selling power through open access to a third party or in case of captive consumption of a captive generating plant based on renewable energy sources, the weighted average ACP of the Integrated-Day Ahead Market segments of all Power Exchanges for the respective time block;

(iv) in case of multiple contracts or transactions including captive consumption, the weighted average of the contract rates of all such contracts or transactions, as the case may be.

(m) 'Deviation' in a time-block for a seller means its total actual injection minus its total scheduled generation and for a buyer means its total actual drawal minus its total scheduled drawal;

(n) 'Deviation and Ancillary Service Pool Account' is the Account prepared under this regulation to be maintained and operated by the SLDC;

(o) 'Gaming' in relation to these Regulations, shall mean an intentional mis-declaration of declared capacity by any seller or buyer in order to make an undue commercial gain through Charge for Deviations;

(p) 'General seller' means a seller in case of a generating station based on resources other than wind or solar or hybrid of wind-solar resources;

(q) 'Grid Code' means the Grid Code specified by the Commission under clause (h) of sub-section (1) of Section 86 of the Act;

(r) 'Integrated Day Ahead Market' means a market where Day Ahead Contracts are transacted on the power exchanges, including collective transactions under Day Ahead Market (DAM), Green Day Ahead Market (Green DAM), and High Price Day Ahead Market (HP-DAM);

(s) 'Interface meters' means interface meters as defined by the Central Electricity Authority under the Central Electricity Authority (Installation and Operation of Meters) Regulations, 2006, as amended from time to time;

(t) 'Intra-State Deviation Charges' shall mean Charges for Deviation as specified by these Regulations;

(u) 'MSW seller' means a seller in the case of a generating station based on Municipal Solid Waste and includes Refuse Derived Fuel (RDF) based MSW generating station;

(v) 'Open Access Customer' means a consumer, trader, distribution licensee or a generating company who has been granted Open Access under Uttarakhand Electricity Regulatory Commission (Terms & Conditions of intra -State Open Access) Regulations, 2015 and amendments from time to time;

(w) 'Open Access Regulations' means the Uttarakhand Electricity Regulatory Commission (Terms & Conditions of intra -State Open Access) Regulations, 2015 and amendments from time to time;

(x) 'Qualified Coordinating Agency' means the lead generator/agency coordinating on behalf of Renewable Energy generators or Renewable Hybrid Generating Station and other systems, if any, including Energy Storage System connected to one or more pooling stations. The QCA shall be treated as a State Entity and shall be registered with the SLDC as per the provision mentioned in Annexure-I of these Regulations. The QCA shall discharge the following functions:

  (i) coordinate the schedules with periodic revisions on behalf of all the RE generators connected to the pooling station(s) or selling power to the Distribution Licensee;

  (ii) responsible for coordination with the State Transmission Utility (STU)/SLDC for metering, data collection/ transmission, communication;

  (iii) where applicable, undertake commercial settlement on behalf of the generators of such charges pertaining to generation deviations only including payments to the Regional/Deviation and Ancillary Service Pool Accounts through the SLDC; and

  (iv) undertake de-pooling of payments received on behalf of the generators from the Deviation and Ancillary Service Pool Account and settling them with the individual generators.

(y) 'Reference Charge Rate' means

  (i) Rs/kWh energy charge as determined or adopted or approved by the Appropriate Commission in respect of a general seller whose tariff is determined or adopted or approved under Section 62 or Section 63 or Section 86(1)(b) of the Act; or

(ii) in respect of a general seller whose tariff is not determined or adopted or approved under Section 62 or Section 63 or Section 86(1)(b) of the Act, and selling power through power exchange(s), the price as discovered in the power exchange for the respective transaction; or

(iii) in respect of a general seller selling power through open access to a third party or in case of captive consumption of a captive generating plant based on resources other than renewable energy sources, the weighted average ACP of the Integrated-Day Ahead Market segments of all the Power Exchanges for the respective time block; or

(iv) in case of multiple contracts or transactions including captive consumption, the weighted average of the reference rates of all such contracts or transactions.

(z) 'Run-of-River Generating Station' or 'RoR generating station' means a hydro generating station which does not have upstream pondage;

(aa) 'Scheduled generation' at any time or for a time block or any period means schedule of generation in MW or MWh ex-bus given by the State Load Despatch Centre;

(bb) 'Scheduled drawal' at any time or for a time block or any period time block means schedule of despatch in MW or MWh ex-bus given by the State Load Despatch Centre;

(cc) 'Seller' means a person, including a generating station, supplying electricity through a transaction scheduled in accordance with the Regulations applicable for short-term open access, medium term open access and long-term access;

(dd) 'State Load Despatch Centre' means the centre established under sub - section (1) of section 31 of the Act;

(ee) 'Time-block' means block of duration as specified by the Central Commission for which energy meter record values of specified electrical parameters with first time block starting at 00:00 Hours, presently of fifteen (15) minutes duration;

(ff) 'WS seller' means a seller in the case of a generating station based on wind or solar or a hybrid of wind-solar resources and shall include such solar or wind or hybrid generating station, with or without storage.

Words and expressions used in these Regulations and not defined, but defined in the Act or the other Regulations issued by the Central Commission/ Commission shall have the same meaning assigned to them respectively in the Act or such Regulations issued by the Central Commission/ Commission.

3. Objective

The objective of these Regulations is to maintain grid discipline and grid security, as envisaged under the Central Electricity Regulatory Commission (Indian Electricity Grid Code) Regulations, 2023 and UERC (State Grid Code) Regulations, 2016 as amended/replaced from time to time, through the commercial mechanism for settlement of the Deviation, made by the users of the grid, between the drawals/ injections vis-a-vis corresponding schedules.

4. Scope

(1) These regulations shall be applicable to all state grid connected entities and other entities engaged in intra-State purchase and sale of electricity.

(2) The Generating Stations including Renewable Energy Generation Sources directly connected to the Inter-State Transmission network and supplying power outside the State shall be governed by CERC (Deviation Settlement Mechanism and Related Matters) Regulations, 2024 amended from time to time.

5. Adherence to Schedule and Deviation

(1) For the secure and stable operation of the state grid, every state entity shall adhere to its schedule as per the State Grid Code and shall endeavour not to deviate from its schedule.

(2) Deviation shall generally be managed through the deployment of Ancillary Services, and the computation, charges, and related matters in respect of such deviation shall be dealt with as per the following provisions of these regulations.

6. Computation of Deviation

(1) Deviation in a time block for General Sellers shall be computed as follows:

Deviation-General Seller (D-GS) (in MWh) = [(Actual injection in MWh) – (Scheduled generation in MWh)].

Deviation-General Seller (D-GS) (in %) = 100 x [(Actual injection in MWh) – (Scheduled generation in MWh)] / [(Scheduled generation in MWh)].

(2) Deviation in a time block for buyers shall be computed as follows:

Deviation-Buyer (D-BUY) (in MWh) = [(Actual drawal in MWh) – (Scheduled drawal in MWh)].

Deviation-Buyer (D-BUY) (in %) = 100 x [(Actual drawal in MWh) – (Scheduled drawal in MWh)] / [(Scheduled drawal in MWh)].

7. Normal Rate of Charges for Deviations

(1) The normal rate of charges for deviation for a time block shall be equal to the normal rate of charges for deviation, as considered by Northern Regional Power Committee (NRPC) for the billing purpose for that time block in line with the provisions of the CERC (Deviation Settlement Mechanism and Related Matters) Regulations, 2024.

(2) The normal rate of charges for deviation shall be rounded off to the nearest two decimal places

8. Charges for Deviation

(1) Charges for Deviation, in respect of **a General Seller D-GS (<u>other than</u> an RoR generating station and a generating station based on Municipal Solid Waste)** shall be as under:

(A) For Deviation upto [10% D-GS or 20 MW, whichever is less] and f within f_{band}			
Deviation by way of over injection (Receivable by the Seller)		**Deviation by way of under injection (Payable by the Seller)**	
(i)	@ Reference Charge Rate when [49.97 Hz ≤ f ≤50.03 Hz]	(iv)	@ Reference Charge Rate when [49.97 Hz ≤ f ≤50.03 Hz]
(ii)	When [50.03 Hz < f ≤50.05 Hz], for every increase in f by 0.01 Hz, charges for deviation for such seller shall be reduced by 25% of Reference Charge Rate so that charges for deviation become 50% of Reference Charge Rate when f = 50.05Hz	(v)	When [50.03 Hz < f ≤50.05 Hz], for every increase in f by 0.01 Hz, charges for deviation for such seller shall be reduced by 7.5% of Reference Charge Rate so that charges for deviation become 85% of Reference Charge Rate when f = 50.05Hz
(iii)	When [49.97 Hz > f ≥ 49.90 Hz], for every decrease in f by 0.01 Hz, charges	(vi)	When [49.97 Hz > f ≥ 49.90 Hz], for every decrease in f by 0.01 Hz,

for deviation for such seller shall be increased by 2.15% of Reference Charge Rate so that charges for deviation become 115% of Reference Charge Rate when f = 49.90Hz	charges for deviation for such seller shall be increased by 7.15% of Reference Charge Rate so that charges for deviation becomes 150% of Reference Charge Rate when f = 49.90Hz
(B) For Deviation upto [10% D-GS or 20 MW, whichever is less] and f outside f_{band}	
Deviation by way of over injection (Receivable by the Seller)	**Deviation by way of under injection (Payable by the Seller)**
(i) @ zero when [50.05 Hz < f < 50.10 Hz]: Provided that such seller shall pay @ 10% of Reference Charge Rate when [f ≥ 50.10 Hz]	(iii) @ 85 % of Reference Charge Rate when [f>50.05 Hz]
(ii) @ 115 % of Reference Charge Rate when [f < 49.90 Hz]	(iv) @ 150 % of Reference Charge Rate when [f < 49.90 Hz]
(C) For Deviation beyond [10% D-GS or 20 MW, whichever is less] and f within and outside f_{band}	
Deviation by way of over injection (Receivable by the Seller)	**Deviation by way of under injection (Payable by the Seller)**
(i) @ zero when (f < 50.10 Hz): Provided that such seller shall pay @ 10% of Reference Charge Rate when [f ≥ 50.10 Hz]	(ii) @ Reference Charge Rate when [f ≥ 50.00 Hz]; (iii) @ 150% of Reference Charge Rate when [49.90Hz ≤ f < 50.00 Hz]; and (iv) @ 200% of Reference Charge Rate when [f < 49.90 Hz]

Note: 'f' stands for = System frequency and f_{band} = [49.90Hz ≤ f ≤50.05 Hz]

(2) Charges for Deviation, in respect of **a General Seller being an RoR generating station,** shall be **without any linkage to grid frequency,** as under:

Deviation by way of over injection (Receivable by the Seller)	**Deviation by way of under injection (Payable by the Seller)**
(i) @ Reference Charge Rate for deviation up to [15% D-GS or 30 MW, whichever is less]; (ii) @ Zero for deviation beyond [15% D-GS or 30 MW, whichever is less]	(iii) @Reference Charge Rate for deviation up to [15% D-GS or 30 MW, whichever is less]; (iv) @ 105% of Reference Charge Rate for deviation beyond [15% D-GS or 30 MW, whichever is less] and up to [20% D-GS or 40 MW, whichever is less]; (v) @ 110% of Reference Charge Rate for deviation beyond [20% D-GS or 40 MW, whichever is less].

(3) Charges for Deviation, in respect of **a General Seller being a generating station based on Municipal Solid Waste,** shall be without any linkage to grid frequency, as under:

Deviation by way of over injection (Receivable by the Seller)	Deviation by way of under injection (Payable by the Seller)
(i) @ Contract Rate for deviation up to [20% D-GS]; (ii) @ Zero for deviation beyond [20% D-GS];	(iii)@Contract Rate for deviation up to [20% D-GS]; (iv)@ 110% of Contract Rate for deviation beyond [20% D-GS]

(4) Charges for Deviation, in respect of a **Wind-Solar (WS) Seller,** including such generating stations aggregated at a pooling station through Qualified Coordinating Agency (QCA) shall <u>be without any linkage to grid frequency</u>, as under:

Deviation by way of over injection (Receivable by the Seller)	Deviation by way of under injection (Payable by the Seller)
(i) @ Contract Rate for (a) Deviation up to 5% D-WS (A generating station based on solar or a hybrid of wind –solar resources) (b) Deviation up to 10% D-WS (A generating station based on wind resource); (ii) @ 90% of Contract Rate for (a) Deviation beyond 5% D-WS and up to 10% D-WS (A generating station based on solar or a hybrid of wind–solar resources) (b) Deviation beyond 10% D-WS and up to 15% D-WS (A generating station based on wind resource); (iii) @ Zero for (a) Deviation beyond 10% D-WS (A generating station based on solar or a hybrid of wind–solar resources) (b) Deviation beyond 15% D-WS (A generating station based on wind resource)	(iv) @ Contract Rate for (a) Deviation up to 5% D-WS (A generating station based on solar or a hybrid of wind –solar resources) (b) Deviation up to 10% D-WS (A generating station based on wind resource); (v) @ 110% of Contract Rate for (a) Deviation beyond 5% D-WS and up to 10% D-WS (A generating station based on solar or a hybrid of wind–solar resources) (b) Deviation beyond 10% D-WS and up to 15% D-WS (A generating station based on wind resource); (vi) @ 200% of Contract Rate for (a) Deviation beyond 10% D-WS (A generating station based on solar or a hybrid of wind –solar resources) (b) Deviation beyond 15% D-WS (A generating station based on wind resource)

Note: In case of aggregation of WS sellers at a pooling station through Qualified Coordinating Agency (QCA),

a) the contract rate for the purpose of deviation shall be equal to the weighted average of the contract rates of all individual WS seller(s) opting for aggregation at the pooling station;

b) Available Capacity shall be equal to the cumulative capacity rating of wind turbines or solar inverters that are capable of generating power in a given time block as the case may be;

c) *de-pooling of deviation charges for WS seller(s) connected to the pooling station shall be as per the methodology mutually agreed upon between the QCA and such individual WS seller(s).*

(5) Charges for Deviation, in respect of a Standalone Energy Storage System (ESS), shall be the same as applicable to a **general seller (other than an RoR generating station and a generating station based on municipal solid waste)** as specified in sub-regulation (1) of this Regulation:

Provided that in the charging mode, deviation by way of over drawal shall be treated as under injection and deviation by way of under drawal shall be treated as over injection and the charges for deviation shall be settled accordingly.

Provided further that the charges for deviation including the formula for computation of Deviation, in respect of charging of a standalone ESS being pumped hydro storage plant shall be the same as applicable to a WS seller being a generating station based on solar resources.

Charges for Deviation including the formula for computation of Deviation, in respect of a WS Seller with ESS connected at the same interconnection point shall be the same (i) as applicable to a WS seller as per sub regulation (4) of respective category during the period solar or wind or hybrid generating station is injecting power, (ii) as applicable to a standalone ESS as per sub regulation (5) of this Regulation, when only ESS is injecting power, and (iii) as applicable to a standalone ESS for drawl by ESS based on drawal schedule from the grid as per sub regulation (5) of this Regulation.

Note: Each generator and ESS shall be metered with Special Energy Meter (SEM) so that individual actual injection/drawal can be captured.

(6) Charges for Deviation, in respect of **a Buyer D-BUY,** shall be receivable or payable as under:

(A) For Deviation upto [10% Deviation-Buyer (D-BUY) or 100 MW, whichever is less] and f within f_{band}	
Deviation by way of under drawal (Receivable by the Buyer)	**Deviation by way of over drawal (Payable by the Buyer)**
(i) @ 90% of Normal Rate when f =50.00 Hz;	(iv) @ Normal Rate when f =50.00 Hz;

(ii) When 50.00 Hz < f ≤50.05 Hz, for every increase in f by 0.01 Hz, charges for deviation for such buyer shall be decreased by 8% of Normal Rate so that charges for deviation become 50% of Normal Rate when f = 50.05Hz;	(v) When 50.00 < f ≤ 50.05 Hz, for every increase in f by 0.01 Hz, charges for deviation for such buyer shall be decreased by 5% of Normal Rate so that charges for deviation become 75% of Normal Rate when f = 50.05Hz;
(iii) When [50.00 Hz > f ≥ 49.90 Hz], for every decrease in f by 0.01 Hz, charges for deviation for such buyer shall be increased by 1 % of Normal Rate so that charges for deviation become 100% of Normal Rate when f = 49.90Hz;	(vi) When [50.00 Hz > f ≥ 49.90 Hz], for every decrease in f by 0.01 Hz, charges for deviation for such buyer shall be increased by 5% of Normal Rate so that charges for deviation become 150% of Normal Rate when f = 49.90Hz.
(B) For Deviation upto [10% Deviation-Buyer (D-BUY) or 100 MW, whichever is less] and f outside f_{band}	
Deviation by way of under drawal (Receivable by the Buyer)	**Deviation by way of over drawal (Payable by the Buyer)**
(i) @ zero when [50.05 Hz < f < 50.10 Hz]: Provided that such buyer shall pay @ 10% of Normal Rate when [f ≥ 50.10 Hz];	(iii) @ 50% of Normal Rate when [50.05 Hz < f < 50.10 Hz]: (iv) @ zero when [f ≥ 50.10 Hz];
(ii) @ Normal Rate when [f < 49.90 Hz];	(v) @ 150 % of Normal Rate when [f < 49.90 Hz].
(C) For Deviation beyond [10% D-BUY or 100 MW and upto 15% D-BUY or 200 MW, whichever is less] and f within and outside f_{band}	
Deviation by way of under drawal (Receivable by the Buyer)	**Deviation by way of over drawal (Payable by the Buyer)**
(i) @ 80% of Normal Rate when f ≤ 50.00 Hz; (ii)@ 50% Normal Rate when [50.00 Hz < f ≤ 50.05 Hz]; (iii) @ zero when [50.05 Hz < f < 50.10 Hz]: Provided that such buyer shall pay @ 10% of Normal Rate when [f ≥ 50.10 Hz];	(iv) @ 150% of Normal Rate when f < 50.00 Hz; (v) @ Normal Rate when [50.00 Hz ≤ f ≤ 50.05 Hz]; (vi) @ 75% Normal Rate when [50.05 Hz < f < 50.10 Hz]; (v) @ zero when [f ≥ 50.10 Hz].
(D) For Deviation beyond [15% D-BUY or 200 MW, whichever is less] and f within and outside f_{band}	
Deviation by way of under drawal (Receivable by the Buyer)	**Deviation by way of over drawal (Payable by the Buyer)**
(i) @ zero when f < 50.10 Hz: Provided such buyer shall pay @ 10% of Normal Rate when [f ≥ 50.10 Hz];	(ii) @ 200% of Normal Rate when f <50.00 Hz; (iii) @ Normal Rate when [50.00 Hz ≤ f < 50.10 Hz] (iv) @ 50% of Normal Rate when [f ≥ 50.10 Hz].

Note: 'f' stands for = System frequency and f_{band} = [49.90Hz ≤ f ≤50.05 Hz]

(7) Charges for injection of infirm power:

(a) in cases where treatment of infirm power has been included in the PPA, or in any other agreement, or the provision for treatment of such power are already provided in any of the Regulations, the same shall be governed by such conditions or provisions;

(b) in cases not covered under the Clause (a) above, the infirm power injected into the grid by a generating unit or a generating station during the testing, prior to Commercial Operation Date (COD) of the unit, shall be paid, at the rate of Rs. 1.78/kWh, or at any other such rates as may be fixed by the Commission from time to time, of the energy sent out in case of hydro/wind/solar/ Municipal Solid Waste generation. This shall be subject to further condition that such rate shall be payable for a period not exceeding 6 months or any other period fixed, by order, by the Commission for the purpose; and

(c) the charges for deviation for drawal of start-up power before COD of a generating unit or for drawal of power to run the auxiliaries during shutdown of a generating station shall be payable at the rate stipulated in the relevant Power Purchase Agreement or, in absence of the same, at the higher of Normal Rate of charges for deviation or weighted average area clearing price.

(8) The intra-regional deviation caused by way of over drawal or under drawal or over injection or under-injection shall be computed notionally @ Normal Rate of charges for deviation.

(9) Notwithstanding anything contained in Clauses (1) to (9) of this Regulation, in case of forced outage or partial outage of a seller, the charges for deviation shall be @ the Reference Charge Rate for a maximum duration of eight-time blocks or until the revision of its schedule, whichever is earlier.

(10) For a Seller whose bids are cleared in the HP-DAM, the 'Reference Charge Rate' for deviation by way of 'under injection' for the quantum of power sold through HP- DAM shall be equal to the weighted average ACP of the HP-DAM Market segments of all the Power Exchanges for that time block;

9. Declaration, Scheduling and Elimination of Gaming

(1) The provisions of the UERC (State Grid Code) Regulation, 2016, UERC (Tariff and Other Terms for Supply of Electricity from Renewable Energy Sources and non-fossil fuel based Co-generating Stations) Regulations, 2023 and the UERC (Terms & Conditions of Intra-state Open Access) Regulations, 2015, as amended from time to time, shall be applicable for declaration of capacity, scheduling and elimination of gaming.

(2) The generating station, as far as possible, shall generate electricity as per the day-ahead generation schedule finalized by the State Load Despatch Centre in accordance with the State Grid Code.

Provided that the revision in generation schedule on the day of operation shall be permitted, in accordance with the procedure specified under UERC (State Grid Code) Regulation, 2016 as amended from time to time.

(3) The Commission, either suo-moto or on a Petition made by SLDC, or any affected party, may initiate proceedings against any State Constituent namely Generator, Distribution Licensee, Open Access Consumer etc. on allegations of gaming and if required, may order an inquiry in such manner as decided by the Commission. When the allegation of gaming is established in the above inquiry, the Commission may, without prejudice to any other action under the Act or Regulations there under, disallow any Charges for Deviation received by such State Constituent during the period of such gaming.

(4) The Commission may, from time to time, conduct such study, investigation or inquiry as may be necessary to ascertain whether any gaming, manipulation, misrepresentation or other practice has been undertaken with a view to circumventing or defeating the provisions of these Regulations.

10. Compliance with instructions of State Load Despatch Centre

Notwithstanding anything specified in these Regulations, the sellers and the buyers shall strictly follow the instructions of the SLDC on injection and drawal in the interest of grid security and grid discipline.

11. Accounting of Charges for State Deviation and Ancillary Service Pool Account

(1) The SLDC shall prepare the State Energy Accounts on monthly basis as per State Grid Code. In addition, the SLDC shall, on weekly basis, also —

(i) Prepare statements showing the amount payable and receivable, separately for deviation charges under Regulation 8, by each State Entity;

(ii) In case, for any day, the amount of deviation charges payable by various State Entities under Regulation 8 falls short of the total amount payable by SLDC for that day for the State as a whole as per the weekly bill(s) raised by NRLDC/NRPC, the amount payable for that day by the concerned State Entity(ies) shall be increased proportionately to cover-up such shortfall for that day.

Explanation:

(a) The proportionate increase on these lines shall be carried out on daily basis only i.e. separately for each day and separately for the charges under each of the said Regulations, even though the bills are otherwise to be raised on weekly basis.

(b) The adjustment shall be made based on the total amount payable for a day by each State Entity (ies) under Regulation 8 of these Regulations and shall, for the purpose of such adjustment, not be netted out with the amount receivable by that State Entity for that day."

(iii) Reflect other requisite details as it may consider appropriate in such statement;

(iv) Devise suitable formats for preparing and reflecting the accounts/ payments detail in a fair and transparent manner; and

(v) Provide the statements of deviation charges on weekly basis and other details as above, as prepared by it, to all state entities for the seven-day period ending on the previous Sunday mid-night, within 2 days of issuance of bills by the NRLDC/NRPC.

(2) The SLDC shall, within two days issuance of weekly bills by NRLDC/ NRPC, also prepare and raise the same on its State Entities, including Distribution Licensee also, separately for each component of billing viz the deviation charges,

congestion charges, and any other charges as due, showing appropriate details for each such item, including that for the adjustments on account of shortfall if any as per item (ii) under Sub-regulation (1).

(3) All payments on account of charges for Deviation levied under these Regulations, and interest, if any, received for late payment, shall be credited to the fund called —the "Deviation and Ancillary Service Pool Account" which shall be opened, maintained and operated by the State Load Despatch Centre in accordance with provisions of these Regulations:

Provided that:

(i) the Commission may, by order, direct any other entity to operate and maintain—the Deviation and Ancillary Service Pool Account; and

(ii) separate books of accounts shall be maintained by the SLDC for the principal component and interest component separately for each component viz charges for Deviation, congestion charges, URS charges etc.

(4) All payments received in-the Deviation and Ancillary Service Pool Account shall be apportioned on weekly basis in the following sequence, namely: -

(i) first towards any cost or expense or other charges incurred on recovery of charges for Deviation;

(ii) next towards over dues or penal interest, if applicable;

(iii) next towards normal interest;

(iv) towards charges for Deviation, and the congestion charges.

(5) The amounts received in - the Deviation and Ancillary Service Pool Account shall be utilised by SLDC for payment of the consolidated bill(s) for the Deviation charges and the congestion charges raised by the NRLDC/ NRPC on Distribution Licensee/ SLDC for the State as a whole and also for making payments to any other State Entities who may be entitled to the same in accordance with the Statement of Accounts issued under Sub-regulation (1):

Further, save as provided in Regulation 13 of these Regulations the surplus balance, if any, in - the Deviation and Ancillary Service Pool Account shall be retained in the said account and shall be utilized in a manner as may be approved/ directed by the Commission from time to time.

12. Schedule of Payment of Charges for Deviation

(1) The payment of Charges for Deviation shall have a high priority and the concerned Buyer/Seller shall pay the indicated amounts within 7 (Seven) days of the issue of statement of Charges for Deviation by the SLDC into the "Deviation and Ancillary Service Pool Account".

(2) If payments against the Charges for Deviation are delayed by more than two days, i.e., beyond Nine (9) days from the date of issue of the statement by the SLDC, the defaulting Buyer/Seller shall have to pay simple interest @ 0.04% for each day of delay.

(3) All payments to the Buyer/Seller entitled to receive any amount on account of Charges for Deviation shall be made within 5 working days of receipt of the payments in the "Deviation and Ancillary Service Pool Account".

Provided that:

(i) In case of delay in the Payment of Charges for Deviations into the Deviation and Ancillary Service Pool Account and interest there on if any, beyond 9 days from the date of issuance of the Statement of Charges for Deviations, the Buyer/Seller who have to receive payment for Deviation or interest there on shall be paid from the balance available if any, in the Deviation and Ancillary Service Pool Account. In case the balance available is not sufficient to meet the payment to the Buyer/Seller, the payment from the Deviation and Ancillary Service Pool Account shall be made on pro rata basis from the balance available in the Fund.

(ii) The liability to pay interest for the delay in payments to the "Deviation and Ancillary Service Pool Account" shall remain until interest is paid; irrespective of the fact that Buyer/Seller who have to receive payments have been paid from the "Deviation and Ancillary Service Pool Account" in part or full.

(4) All Buyer/Seller which had at any time during the previous financial year failed to make payment of Charges for Deviation within the time specified in these

Regulations shall be required to open a Letter of Credit (LC) equal to 110% of its average payable weekly liability for Deviations in the previous financial year, in favour of the SLDC before 14th April of the financial year.

Provided that:

(i) if any Buyer/Seller fails to make payment of Charges for Deviation by the time specified in these Regulations during the current financial year, it shall be required to open a Letter of Credit equal to 110% of weekly outstanding liability in favour of State Load Despatch Centre within a fortnight from the due date of payment.

(ii) LC amount shall be increased to 110% of the payable weekly liability for Deviation in any week during the year, if it exceeds the previous LC amount by more than 50%.

Illustration: If the average payable weekly liability for Deviation of a Buyer/Seller during 2025-26 is Rs 20 Crore, the Buyer/Seller shall open LC for Rs 22 Crore in 2026-27. If the weekly payable liability during any week in 2025-26 is Rs 35 Crore which is more than 50% of the previous LC amount of Rs. 33 Crore, the Buyer/Seller shall increase the LC amount to Rs 38.5 Crore (1.1 X 35.0) by adding Rs 16.5 Crore.

(5) In case of failure to pay into the "Deviation and Ancillary Service Pool Account" within the specified time of 9 days from the date of issue of statement of Charges for Deviations, the SLDC shall be entitled to encash the LC of the Buyer/Seller to the extent of the default and the Buyer/Seller shall recoup the LC amount within 3 days.

(6) In case a State Entity defaults in making payment of a weekly bill, by more than 30 days beyond the due date, the SLDC, in order to recover the dues, may, apart from invoking the provisions made elsewhere in these regulations, also suitably curtail the schedule for the defaulting State Entity, by way of withholding No Objection Certificate (NOC)/ concurrence or any other appropriate means, after giving a notice of 30 days to such defaulting State Entity and may also continue such curtailment till the entire updated outstanding amount, including interest, is paid by that defaulting State Entity and the requisite letter of credit, as per the

requirement of Sub-regulation (5) of this Regulation is also opened and made operative.

13. Application of Fund Collected through Deviations

The surplus amount, if any in the Deviation and Ancillary Service Pool Account as on last day of the month, shall be transferred to a separate fund to be called "State Power Systems Development Fund" (SPSDF) to be created and maintained by SLDC. The manner of operation and utilization of SPSDF shall be specified by the Commission.

14. Power to Relax.

The Commission may by general or special order, for reasons to be recorded in writing, and after giving an opportunity of hearing to the parties likely to be affected by grant of relaxation, may relax any of the provisions of these Regulations on its own motion or on an application made before it by an interested person.

15. Power to Issue Directions

The Commission may, at any time, on its own motion or on an application filed by any affected party, issue such directions as it may consider necessary in furtherance of the objective and purpose of these Regulations.

16. Power to Amend

The Commission may, at anytime, vary, alter, modify or amend any provisions of these Regulations.

17. Power to Remove Difficulties

If any difficulty arises in giving effect to the provisions of these Regulations, the Commission may, by general or specific order, make such provisions not inconsistent with the provisions of the Act, as may appear to be necessary for removing the difficulty.

18. Repeal and Savings

(1) Save as otherwise provided in these regulations, the Uttarakhand Electricity Regulatory Commission (Deviation Settlement Mechanism and Related Matters) Regulations, 2017 shall stand repealed from the date of commencement of these Regulations.

(2) Notwithstanding such repeal, anything done or any action taken or purported to have been done or taken, including any procedure, minutes, reports, confirmation or declaration of any instrument executed under the repealed regulations, shall be deemed to have been done or taken under the relevant provisions of these regulations.

By the order of the Commission

(Neeraj Sati)
Secretary

Operating Procedure for Qualified Coordinating Agency (QCA)

1. Qualifying Requirement for QCA

The following are the general guidelines for appointing QCA by the Wind and Solar Generators:

i. The QCA shall be a company incorporated in India under the Companies Act, 1956/2013.

ii. The QCA shall have the experience in the field of Wind and/ or Solar Power forecasting and scheduling for a minimum period of one (1) year with appropriate accuracy levels in forecasting.

iii. The QCA shall have capability to manage multiple plant owners connected to a pooling station in order to de-pool deviation charges.

iv. The financial strength of the QCA shall be such that it shall be in a position to handle the risk of penalties due to deviation charges applicable to RE generator. Considering this, the net worth of the QCA shall be at least Rs. 1.50 Crores (One Crore and Fifty Lakhs only) in the previous financial year which shall reflect from its audited accounts duly certified by the Chartered Accountant.

v. Operational requirements - The QCA shall have fully functional forecasting and scheduling tools to obtain the desired output.

vi. The QCA shall have a compatible system in place, for seamless flow of information to and from SLDC in order to facilitate forecasting, scheduling and revision of schedule, intimation of outages/ grid constraints etc. and it shall have capability to provide real time monitoring systems in place for seamless flow of information to and from SLDC.

vii. QCA shall have an established team of Renewable Resource Analysts, modeling Statisticians, Energy modelers and 24x7 operation and monitoring team.

Note:

Provided that when a generator(s) is not availing the services of QCA and a lead generator or individual generator acting as a QCA, it will be exempted from the aforesaid qualifying requirements of QCA mentioned above at S. No. (i) to (iii).

2. **Appointment of QCA by Generators**

i. Wind and Solar Generators (more than one legal owner) including those connected via Pooling Station to State Grid shall appoint a common Qualified Coordinating Agency (QCA) with a consensus and mutually agreed terms & conditions amongst the Generators in that Pooling Station. Any one of the lead Generator may also act as a QCA with the consensus among the generators including those connected via pooling station to State Grid and shall be registered as a QCA at SLDC.

ii. Wind and Solar generators (single legal owner) connected directly or via pooling station to State Grid may appoint a QCA or may act as a QCA and shall be registered as a QCA at SLDC.

iii. Wind and solar generators (more than one legal owner)connected directly or via pooling station to State Grid shall submit a consent letter as per format Annexure-II and copy of agreement made with QCA clearly specifying the "QCA" who shall be responsible for coordinating on behalf of all the generators including those connected via pooling Station to state Grid on issues like forecasting, scheduling, deviation charges, metering, SCADA, and other responsibilities assigned to QCA in the UERC (Deviation Settlement Mechanism and related matters) Regulation, 2026, and under this operating procedure. All wind and solar generators shall provide all the required support to the Qualified Coordinating Agency (QCA).

iv. QCA shall be the single point of contact with SLDC on behalf of its coordinated generator(s).

3. **Registration of QCA with SLDC**

i. The QCA shall submit the consent letters and copy of agreements with Generators who have appointed him as a QCA and then apply for registration with SLDC.

ii. The QCA shall apply for registration with SLDC by submitting duly filled up application form as per the enclosed format (Annexure-III), Undertaking as per the enclosed format (Annexure-IV), Declaration as per the enclosed format (Annexure-V).

iii. The eligible QCA will be registered with SLDC and Registration No. will be provided by the SLDC. After registration with SLDC, QCA shall be treated as State Entity for the purpose of UERC (Deviation Settlement Mechanism and related matters) Regulation, 2026.

iv. Each pooling Station shall have one QCA. However, one QCA can be registered for many pooling stations. In case a particular Wind or Solar Generators alone is connected to a Pooling station, then such Generator can also act as a QCA and get registered with SLDC by submitting the duly filled up application form, Undertaking & Declaration.

v. In case QCA has obtained registration on the basis of false information or by suppressing material information, the registration of such entity shall be revoked.

vi. The registration of the QCA will be revoked on the request of majority generators who have appointed the QCA.

vii. The QCA may cancel their Registration by submitting "No Objection Certificate" (NOC) from the concerned Generators. The Generators shall choose another QCA and got it registered immediately after cancellation of the registration of existing QCA.

viii. In the event non-compliance of any of the terms/ conditions/ rules outlined under Regulation 2(1)(x) of UERC (Deviation Settlement Mechanism and related matters) Regulations, 2026 by QCA, the registration of the QCA will be revoked by SLDC.

4. Roles and Responsibilities of QCA

QCA shall be the single point of contact with SLDC on behalf of all the Generators connected to a pooling station for the following purpose:

i. QCA shall provide time block- wise Available Capacity and Forecasted Generation on day ahead basis with Intraday periodic revisions of the same to SLDC on behalf of all the Wind/Solar/Hybrid Generating stations with or without ESS and Stand-alone ESS connected to the pooling station(s) at interconnection point and also coordinate with SLDC for scheduling.

Provided that:

(a) The combined forecast at the time of injection either by ESS or from both solar/wind/hybrid and Stand-alone ESS shall be provided by QCA;

(b) The Scheduling of power for charging of ESS shall be done by SLDC as per contracts executed between the buyer and seller. The scheduling of power shall be done by SLDC as per separate requisition to be provided by QCA for charging of ESS.

Note-Separate sign convention shall be used for injection and drawl of the power from the grid.

ii. QCA shall be responsible for coordination with STU/Discoms / SLDC for installation of Special Energy Meters (SEM) alongwith AMR facility (modem, antenna & SIM) and integration of SEM with AMR Server of SLDC for meter data downloading remotely at SLDC.

iii. QCA shall ensure periodical testing and calibration of SEMs as per CEA (Installation and Operation of Meters) Regulations, 2006 and UERC (State Grid Code) Regulation, 2016 and amendments thereof, if any.

iv. QCA shall undertake commercial settlement of deviation charges which includes payment / receipt of deviation charges to / from the State Deviation Pool Account on behalf of Generators.

v. QCA shall undertake de-pooling of amount (payable / receivable) on behalf of the generators from the State Deviation Pool Account and settling them with the individual generator.

vi. QCA shall also undertake commercial settlement of all other charges on behalf of the generators as specified under these Regulations as amended from time to time.

vii. QCA shall submit details of contracts entered by Wind and Solar Generators connected to a pooling station. QCA shall obtain PPA rates on affidavit from Wind and Solar Generators supported by the copy of PPA and submit the same to SLDC for computation of deviation charges:

Provided that such information will not be shared to any party by SLDC without prior consent of concerned Wind and Solar based Generators.

viii. QCA must have designated and qualified operator(s) available for twenty-four (24) hours every day for contact and Communication with the SLDC, in accordance with SLDC instructions and other communication policies and protocols.

ix. QCA shall provide Turbine/Inverter- wise and pooling stations details (Static data) as per format available at SLDC website.

x. The QCA shall maintain historical data, all turbine / invertor -wise and pooling station -wise SCADA data and forecasting & scheduling data of pooling station and other necessary records, registers and accounts and shall furnish the same to SLDC on request.

xi. QCA shall ensure Available Capacity (AvC) and data exchange of other parameters from QCA to SLDC and will also ensure data transfer of Available Capacity (AvC) of individual Turbines / inverters and maintenance schedules invariably, for use of SLDC in producing power forecasts and Deviation calculations.

xii. QCA shall ensure transfer of turbine / invertor level SCADA data to Pooling Station in real time and from the Pooling Station to the connected Grid Substation to SLDC without any interruption. The guidelines for providing telemetry data shall be as specified by the SLDC.

Annexure-II

Consent Letter Proforma

To,

The Chief Engineer,
State Load Dispatch Centre,
Vidyut Bhawan Saharanpur Road,
Majra, Near ISBT, Dehradun, Uttarakhand 248001

Sub: Appointment of QCA as per UERC (Deviation settlement Mechanism and related matters) Regulation, 2026 as amended from time to time.

Dear Sir,

I/We would like to inform you that I/we as the Wind/Solar power generator at (name) pooling station have decided to exclusively appoint ...as the Qualified Coordinating Agency (QCA), as per UERC (Deviation settlement Mechanism and related matters) Regulation, 2026.

Kindly find below the details of our capacity at .... (Name) pooling station having ..... MW.

Sr. No.	Customer Name	No. of WTGs/ PV Panels	Contact Person	Mail ID & Contact No.	Capacity in MW

I/We would like to state that henceforth the role of QCA at .... (Name) Pooling station will be taken care by……………………………

Contact Person 1...............

Address: ……………………………….

Phones (o)............, (M):…………………… (E-mail):…………………………...

Contact Person 2:…………………………………………………..

(M):........... ...., (E-mail)……………………………

Contact Person 3:. ………………

(o):................. ...., (Email):………………………..

This is for your kind information and records.

Regards,

<< Signing Authority Name >>

<< Signing Authority Designation>>

Annexure-III

APPLICATION FOR REGISTRATION OF QUALIFIED COORDINATING AGENCY (QCA) WITH SLDC

Sr. No	Particulars	Applied for - Tick the relevant
1	Applied for - Tick the relevant	New Registration/ Change of Registration/Cancel Registration
2	Name of the Qualified Coordinating Agency (QCA)	
3	Registered Address	
4	Phone No./Fax/E-mail Id of Office	
5	Phone No./Fax/E-mail Id of Control Room	
6	Nodal Officer / Contact Person - Name, Designation, Address, Mobile, Fax & Email.	
7	Pooling Station wise total Wind / Solar Generating Capacity for which QCA registration is required.	
8	Pooling Stations wise list of Generators alongwith Consent letter & Agreement with Generators is enclosed. The list includes - Pooling Station (Name & Address), Capacity in MW, Type, Voltage in KV, Grid Substation Name, Name of Generators connected with Capacity in MW).	
9	Date of Commencement of agreement between QCA and Generators.	
10	Period of agreement with Generators.	
11	Details of Registration Fee payable to SLDC (Mode / No / Date)	
12	Bank Account Details of QCA for handling DSM mechanism – SLDC (i) Bank A/C No. (ii) Bank IFSC Code- (iii) Name of Bank - (iv) Bank Address -	
13	**Undertaking:** (i) We hereby undertake to abide by the instructions issued by the SLDC for compliance of regulatory provisions of UERC (Deviation Settlement Mechanism and related matters) Regulations 2026 and subsequent amendments thereof. (ii) We also undertake to inform SLDC regarding termination/breach of the agreement if any and shall not discharge the QCA functions without valid authorisations by Generators. (iii) We also agree to pay the fees as approved by UERC from time to time.	
		Signature of the Authorised Officer Name and Designation of Authorised Officer

Annexure -IV

UNDERTAKING TO BE GIVEN BY PROSPECTIVE QCA AT THE TIME OF REGISTRATION

Name: M/S....................................... (Name of QCA), ... (Postal address)

[To be provided by the QCA on a Rs. 100 stamp paper]

1. We, as a QCA shall be regulated by UERC (Deviation Settlement Mechanism and related matters) Regulations, 2026 and subsequent amendments thereof.
2. We as a QCA shall be responsible for settlement of Deviation Charges as per the UERC (Deviation Settlement Mechanism and related matters) Regulations, 2026 regulations for the pooling stations/ RE Generators for which we represent as a QCA.
3. As per the UERC (Deviation Settlement Mechanism and related matters) Regulations, 2026, we as a QCA, agree to provide the forecasting schedules to SLDC on day-ahead basis on behalf of Wind and Solar pooling stations/RE Generator connected to STU /DISCOM substations.
4. We as a QCA agree to provide the consent letter from all the generators connected to the pooling station/ RE Generator for being appointed as the QCA.
5. We understand that we can revise the day ahead schedules as per the prevailing regulations.
6. We agree that if there is any deviation from the schedule, then for such Energy, Deviation charges shall be applicable as per the UERC (Deviation Settlement Mechanism and related matters) Regulations, 2026 as amended from time to time.
7. We shall be responsible for commercial settlements with the SLDC on behalf of wind and solar generators connected to the pooling station and RE generators.
8. We understand that SLDC will compute the Deviation charges of pooling stations as per UERC (Deviation Settlement Mechanism and related matters) Regulations, 2026 and publish the same on its website on a monthly basis.
9. We as QCA shall abide by UERC (Deviation Settlement Mechanism and related matters) Regulations, 2026, as amended from time to time for all transactions.
10. We shall establish necessary SCADA data of the turbine / invertor and pooling station for the purpose of monitoring and billing as per procedure.

11. In the event of any fault in generating system resulting in lower generation then, we shall revise the forecast and the same shall be intimated to SLDC as per the procedure.
12. We agree to provide WTG's/ Invertor wise static data and pooling stations details as per the formats specified by SLDC.
13. We agree, if payments against the Charges for Deviation Charges are delayed by more than two days i.e., beyond nine (09) days from the date of issue of DSM account by SLDC, the defaulting QCA shall have to pay simple interest@0.04% for each day of delay.
14. We are agreeing for the above terms and conditions for registering as QCA with SLDC, PTCUL Dehradun, Uttarakhand.

Details of Bank Guarantee is enclosed.

(Name and Postal address of QCA)

for Pooling station:

PTCUL/DISCOM Substation Station:

Voltage level at injecting point:

List of generators connected to the pooling station along with installed capacity for which consent is obtained:

1.

2.

Declaration: All that is stated in the above is true and correct.

QCA Authorized Signatory

Annexure-V

DECLARATION

{Declaration to be signed by the M.D./CEO/Authorised Signatory of the Applicant (QCA)}

I/ We certify that all information furnished is / are true to the best of my/ our knowledge and belief.

I/We shall abide by such term and conditions that the UERC, SLDC may impose to participate in the Forecasting, Scheduling and DSM for Solar & Wind Generation from time to time.

I/ We hereby also confirm that:

I/We have obtained consent from all the generators connected to the Pooling Stations as QCA and the copy of agreement is attached herewith.

S. No.	Name of Pooling Station	Name of Generator	No. of turbines / Inverters	Capacity of Each turbine/Inverter	Total Capacity	Accepted as QCA
1.						
2.						
Total capacity of Pooling Station					Total capacity of Pooling Station	

INDEMNIFICATION

The Wind / Solar Energy generator and QCA shall keep SLDC indemnified at all times and shall undertake to indemnify, defend and save the SLDC harmless from any and all damages, losses, claims and actions, including those relating to injury to or death of any person or damages to property, demands, suits, recoveries, costs and expenses, court costs, attorney fees, and all other obligations by or to third parties, arising out of or resulting from the Registration of QCA under DSM Mechanism.

The Wind / Solar Energy generators and QCA shall keep SLDC indemnified at all times and shall undertake to indemnify, defend and save the SLDC harmless from any and all damages, losses, claims and actions, arising out of disputes with SLDC, as well as with generators and QCA inclusive of confidentiality issues.

Date: Signature of the QCA.