



सत्यमेव जयते

भारत सरकार

Government of India

विद्युत मंत्रालय

Ministry of Power

उत्तर क्षेत्रीय विद्युत समिति

Northern Regional Power Committee

सं. उक्षेविस/ वाणिज्यिक/ 209/ आर पी सी (55वीं)/2022/5105-5152

दिनांक: 27/06/2022

सेवा में / To,

उ.क्षे.वि.स. के सभी सदस्य (संलग्न सूचीनुसार)
Members of NRPC (As per List)

विषय: उत्तर क्षेत्रीय विद्युत समिति की 55^{वीं} बैठक की कार्यसूची ।

Subject: Agenda for 55th meeting of Northern Regional Power Committee-reg

महोदय / Sir,

उत्तर क्षेत्रीय विद्युत समिति की 55^{वीं} बैठक दिनांक **30 जून, 2022** को **1100** बजे **विडियो कॉन्फ्रेंसिंग के माध्यम से** आयोजित की जाएगी । बैठक की कार्यसूची संलग्न है। **बैठक का लिंक एवं पासवर्ड नियत समय पर ईमेल द्वारा उपलब्ध करा दिया जायेगा ।**

The 55th meeting of Northern Regional Power Committee (NRPC) will be held at **1100 Hrs** on **30th June, 2022** via video conferencing. Agenda for the same is attached. The link and password for joining the meeting shall be sent in due course of time to the respective email-IDs.

भवदीय

Yours faithfully,

Naresh 27/6/22
(नरेश भंडारी)

(Naresh Bhandari)

सदस्य सचिव

Member Secretary

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उत्तरी क्षेत्रीय विद्युत समिति की 55^{वीं} बैठक

55th MEETING OF NORTHERN REGIONAL POWER COMMITTEE

Time & Date of NRPC meeting: 11:00 HRS; 30th June, 2022

Venue: Video Conferencing

AGENDA

A.1 Approval of MoM of 54th NRPC meeting

A.1.1 Minutes of 54th NRPC meeting has been issued on 27.06.2022. No comment has been received till the date.

Members may kindly approve the minutes of the meeting.

A.2 Manual of Communication Planning in Power System Operation (agenda by CTU)

A.2.1 CEA has recently published a “Manual of Communication Planning in Power System Operation” in March, 2022. As per clause 2.1 of the Manual, the planning criteria shall come into force from the date of its publication by the CEA i.e., 31.03.2022. Hence, for making coordinated plan for ISTS communication systems as per this manual, deliberation on important points with all the members for their views and suggestion w.r.t. planning of ISTS Communication System is necessary.

Points to be deliberated:

1. Clause 4.1.2:

“To ensure redundancy with route diversity, each communication channel (working path) planned for the Users shall be provided with alternate channel (protection path) in different routes, i.e., the working path and protection path should be resource disjoint. For last mile connectivity to load dispatch center, additional redundancy in different route may be considered. In case of failure of the working path, the protection path shall be available for the required communication services.”

Users may provide inputs for planning to CTU for nodes/ links which are presently not having route diversity with resource disjoint.

2. Clause 4.1.12:

4.1.12 “The requirements of the applicant(s) shall be examined by the concerned nodal agency before allowing the connectivity to the existing communication system. Any augmentation/expansion of the existing communication system shall be planned by the nodal agency to ensure redundancy with route diversity of the allocated communication system. However, in case of radial connectivity to the existing node, the applicant(s) shall develop their own redundant communication system up to the existing wideband node.”

(A) There are two types of cases:

(a) New & existing connectivity with the ISTS network where dual paths are feasible (OPGW/ADSS/UGFO): CTU will plan for redundant paths to ensure redundancy with route diversity of the allocated communication system for both new and existing network. For existing nodes, the possibility of redundant path will also be planned.

(b) New & existing connectivity with the ISTS network over radial path:

(i) RE Generators connected through on single dedicated line with ISTS

Protection path may be provided by user on diverse communication media like leased line/GPRS etc. upto the ISTS station (Data Collection Point -DCP) as per the service requirement and availability of communication media at that location. ISTS nodes/ISTS Elements/ Conventional Generators etc.

In case redundant path is not feasible, user shall develop their own alternate path upto the DCP/nearest wideband node on diverse communication path i.e. leased line/GPRS etc. as per the service requirement and availability of communication media at that location.

(B) The meter readings from several locations (mostly STU nodes) in each region are intermittent and having communication issues as the meters at the state nodes are not having secure & reliable communication links and are operational on public domain communication links like GPRS.

POSOCO has identified a list of such nodes for each region. It is proposed to provide the connectivity of such nodes on captive OPGW network for receiving the data successfully. After the deliberation in RPCs, the scheme shall be put up for approval in NCT.

3. Clause 6. SECURITY RISKS AND REQUIREMENTS

“6.1 Communication System shall be planned to ensure that all users and control centres connected to the communication system have robust cyber security programs in place to adequately and continuously manage cyber security risks that could adversely impact power system infrastructure.

6.2 Security barriers and isolations may be considered to ensure security at multiple levels across the end-to-end communication.

6.3 While planning a secured Communication System, security risks and their impact assessment should be taken into account.

6.4 Services and applications like PMU, SCADA, protection, AGC, AMR, video surveillance, voice etc may be segregated into different security zones based on risk and impact assessment. Restrictive control over data exchange between different security zones may be done according to the security policy (e.g. firewalls). Consequent to partitioning the services and applications into separate

security zones, partitioning of aggregate communication traffic is required which may be achieved by a combination of physical separation (e.g. equipment/link) and virtual separation (e.g. VPNs)

6.6 In case of radial connectivity to the existing node, the user(s) developing their own redundant communication system up to the existing wideband node should follow the cyber security guidelines in practice.”

CTU has included CEA (Cyber Security in Power Sector) Guidelines, 2021, along with requirement of firewall in RFP documents in consultation with CEA.

Members may kindly deliberate.

A.3 Scheduling and settlement of URS power (Agenda by TPDDL)

- A.3.1 The issue has already been discussed in 51st NRPC meeting, wherein, TPDDL was advised to raise the issue in next Commercial Sub-committee meeting.
- A.3.2 The matter was included as an agenda in 54th NRPC meeting, but it was not taken up due to absence of participants from TPDDL.
- A.3.3 TPDDL has submitted that scheduling of URS power is a regular practice in day-to-day power scheduling and dispatch; however, financial settlement of the same is not being done in a time bound manner. As per the information available in the public domain, it is given to understand that details of state wise URS power are provided in the final Regional Energy Account and subsequently the credit is passed on to the beneficiaries. In case the final REA is issued by RPC with a delay then URS power settlement is also delayed. To overcome the above deficiency, it is proposed that time lines of issuance of Final REA by RPC's should be revisited and strict timelines should be defined/followed for the same, failing which provision of carrying cost/interest should be incorporated to offset the financial losses suffered by the beneficiary on account of delay in receipt of URS credit. It is also suggested that details of power scheduled under URS be incorporated in provisional REA, if possible, to expedite the settlement process. Also, procedure/timelines should be issued for issuance of URS credit/debit within the state boundary and to be followed by state load dispatch centers so as to ensure that URS settlement within intra-state entities is done in a time bound manner.

Members may kindly deliberate.

A.4 Non-Scheduling of additional power to Haryana by JKSPDC - Violation of the agreement (Agenda by HPPC)

- A.4.1 In reference to the JKSPDC offer dated 28.01.2022, HERC approved the source for procurement of 270 MW (May to Sep) from Baglihar Stage-II for a period of 10 years w.e.f. 01.05.2022. HPPC issued Letter of Intent (LoI) to JK-SPDC and the same was accepted by JKSPDC on 15.06.2021 (**Annexure-I**).
- A.4.2 In the meanwhile, JKSPDC vide mail dated 23.02.2022 offered additional 75 MW Power from Baglihar Stage-I w.e.f. 01.04.2022 and the same was accepted by HPPC vide mail dated 22.03.2022 (**Annexure-II**). HPPC approached HERC for source approval for the same. HERC vide its order dated 30.03.2022 approved the

additional 75 MW Power. HPPC issued Lol dated 31.03.2022 (**Annexure-III**) to JK-SPDC for this power. The 75 MW Power was expected to be scheduled w.e.f. 01.04.2022.

- A.4.3 Haryana has already considered this power (270MW+75MW) in all its demand supply projections which was expected to schedule to Haryana.
- A.4.4 However, JK-SPDC vide mail dated 31.03.2022 (**Annexure-IV**) intimated that Unit-III (150MW) of the plant is under shutdown for arresting leakages in the MIV of the said unit. The repair work may take 2-3 weeks, as such JKSPDC will not be able to schedule 75 MW (16.66% of 450 MW) additional quantum till repair works are completed.
- A.4.5 In the meanwhile, HPPC vide mail dated 29.04.2022 (**Annexure-V**) asked JK-SPDC to confirm the scheduling of additional 270 MW Power w.e.f. 01.05.2022 to which it was informed that they shall supply only 50 MW Power as per the available discharge of water (**Annexure-VI**).
- A.4.6 It is apprised that JK-SPDC vide mail dated 30.04.2022 (**Annexure-VII**) refused to schedule any additional power(270MW+75MW) to Haryana stating that in view of upcoming Eid festival and prevailing power crisis, JKSPDC will not be able to supply any additional quantum to HPPC. This sudden refusal to schedule power by JKSPDC further aggravated the ongoing power crunch in the state.
- A.4.7 HPPC again requested to schedule the additional Power to JKSPDC vide mail dated 30.04.2022 and 01.05.2022. However, no response was received from JKSPDC. Accordingly, vide letter dated 09.05.2022 (**Annexure-VIII**). MoP, Gol was requested to intervene and direct JKSPDC to honour its commitments and schedule the Power to Haryana as per the agreement without any delay. HPPC is continuously writing to JKSPDC for scheduling the power but no communication has been received from their end till date.
- A.4.8 Further, it has been observed from the schedule that JK-SPDC is selling the Power to M/s PTC w.e.f. 01.06.2022 which should be scheduled to Haryana (**Annexure-IX**).
- A.4.9 In this regard, JK-SPDC may be asked to schedule the contracted Power (270MW+75MW) to Haryana.

Members may kindly deliberate.

A.5 Enhancement in upper limit of monthly fees and conveyance for technical and non-technical Consultants in NRPC Secretariat. (Agenda by NRPC Sectt)

- A.5.1 As per the decision taken in the 17th NRPC meeting held on 17.07.2010, a committee was constituted for finalizing the modalities for selection of officers on short term contract, their salary structure, other terms & conditions of the service etc. Further, as per decision in the 26th NRPC meeting held on 13.07.2012, the upper limit of monthly fee for technical and non-technical consultant fixed in 2010 was increased by 20%. Subsequently, in the 29th NRPC meeting, held on 13.09.2013 upper limit of monthly fee for technical and non-technical consultant fixed in 2010 was enhanced by 50%, which was further increased by 100% w.e.f April'2018 as per the decision taken in 42nd NRPC meeting.

A.5.2 The payment of Rs.5,000/- per month towards conveyance to Senior Consultant / Consultant / Junior Consultant and Rs.2,500/- per month to Accountant / Administrator / Junior Administrator fixed in 2013 was increased by 100% w.e.f. April'2018 as per the decision taken in 42nd NRPC meeting.

A.5.3 In view of the increase in the cost of living, it is proposed to review the fee structure of the consultants. It is proposed that the upper limit of monthly fee for technical and non-technical consultant fixed in 2010 and the payment towards conveyance charges fixed in 2013 may be increased by 175% w.e.f 1st April 2022.

Members may kindly approve.

A.6 Increment in monthly fees and conveyance charges of Jr. Administrator (Agenda by NRPC Sectt)

A.6.1 As per the recommendations of the selection committee, the monthly consolidated fee paid to the Technical and Non-technical manpower on contract basis is to be reviewed based on their performance after the completion of one year.

A.6.2 The salary of Jr. Administrator at NRPC Secretariat, was increased by 12.5% w.e.f. 01.04.2019, and from there onwards there has been no further hike in salary due to ongoing pandemic.

A.6.3 It is proposed to increase the monthly consolidated fee @ 12.5% per year of Jr. Administrator at NRPC Secretariat, by considering the increase in cost of living, as per the following breakup, which was fixed at Rs. 27,338/- w.e.f. 01.04.2019.

Designation	Monthly fee as on 01.04.2019	Effective monthly fee (w.e.f 01.04.2020)	Effective monthly fee w.e.f 01.04.2021	Proposed monthly fee w.e.f 01.04.2022
Jr. Administrator	27,338/-	30,755/-	34,600/-	38,925/-
Designation	Present monthly conveyance	Effective monthly conveyance w.e.f 01.04.2020	Effective monthly conveyance w.e.f 01.04.2021	Proposed monthly conveyance charges w.e.f 01.04.2022
Jr. Administrator	2500/-	2,813/-	3,165/-	3,561/-

A.6.4 The proposed monthly payable fee and conveyance charges to the Jr. Administrator at NRPC Secretariat (effective from 01.04.2022) is Rs.42,486/-.

Members may kindly approve.

A.7 Outsourcing of another Non-Technical Consultant (Jr. Administrator) in NRPC through ongoing manpower outsourcing contract (Agenda by NRPC Sectt)

A.7.1 Presently, there is no Private Secretary posted at NRPC Sectt, due to which work of MS office is getting hampered. Three months have passed since PS to MS, NRPC has retired and since then no one has been posted from CEA. It is therefore proposed to outsource one Non-Technical Consultant (Jr. Administrator) as Private

Secretary to MS, NRPC to look after the work of MS office, through ongoing manpower outsourcing contract.

- A.7.2 As per the approved recommendations of the Selection committee regarding engagement of technical and non-technical manpower in NRPC Secretariat, the monthly fees for non-technical consultant (Jr. Administrator) had been fixed at Rs 15,000/-, which was approved in 18th meeting of NRPC held on 27.11.2010. The same was increased thrice as per the break up given below:

Designation	2010 (Base Rate of monthly fee)	2012 (Increase of 20%)	2013 (Increase of 50%)	2018 (Increase of 100%)
Jr. Administrator	15,000/-	18,000/-	22,500/-	30,000/-
Designation	2010 (Base Rate of conveyance)	2012 (Increase of 20 %)	2013 (Increase of 50%)	2018 (Increase of 100%)
Jr. Administrator	-	-	2,500/-	5,000/-

It is proposed to hire one non-technical consultant through ongoing manpower outsourcing contract at fixed monthly fees of Rs 30,000/- plus conveyance charges of Rs 5,000/-, which would be within upper limit of monthly fee and conveyance charge.

Members may kindly approve.

A.8 Observation of low voltage & oscillations in the grid (agenda by NRLDC)

- A.8.1 As per the targets set by Govt. of India, huge amount of renewable generation is being integrated in the Northern region. Presently, more than 9000MW of renewable generation has been connected to the Northern grid at different ISTS stations such as Bhadla(PG) (3130MW), Fatehgarh-II (2480MW), Bikaner (PG) (2205MW), Fatehgarh-I (930MW), Bhadla-II (PG) (350MW) etc.. Significant amount of solar (4100MW) and wind (4292MW) has also been connected at intra-state level in Rajasthan control area.
- A.8.2 Recently, on 27.05.2022 and 10.06.2022, large oscillations were observed dominantly in RE evacuation substations of Rajasthan in Northern region during high solar and high wind generation in Northern region. Moreover, low voltages have also been continuously observed in the grid during high solar and wind generation. The plots for oscillations observed in the grid are shown in **Annexure-X**. In an integrated power system, such oscillations may propagate to affect or even trip other elements in the power system viz. line, generating unit etc.
- A.8.3 Voltage fluctuation including low voltage along with tripping/dip in RE generation was first observed on 15th Jan'22 and same was deliberated in 192nd and 193rd NRPC OCC meetings held on 18th Feb'22 and 22nd March'22. Apart from voltage fluctuation and voltage oscillations all other RE related issues were also deliberated in 195th NRPC-OCC meetings.
- A.8.4 On 10th June at 10:05hrs Oscillations in voltage started when a Jerk of around 15kV was observed, later sustained with amplitude of 3-4kV at 220kV level up to

10:13Hrs. After that amplitude of oscillation strengthened to 25-40kV/35-40kV at 220kV/400kV level. Oscillations mainly capture up to 10:55Hrs.

- A.8.5 Largest amplitude of oscillations was observed at 220kV Fatehgarh2_PG connected RE plants in comparison of 220kV Bhadla, 220kV Bhadla2 and 220kV Bikaner i.e. around 25kV~40kV. PMU data is not available from RVPN pooling substations.
- A.8.6 During the period of oscillations, the grid voltage near the RE generation was lower side. Plots for voltage fluctuations including severe low voltages are attached as **Annexure-X**.
- A.8.7 Similarly, on the days of high wind generation coinciding with high solar generation following issues are being faced in Rajasthan state control area:
- High MVar drawals were observed at intra-state network of Rajasthan
 - Voltages at all RE stations & nearby substations are low and fluctuating
 - Oscillations in the grid with high magnitudes in RE pockets
 - Very high loading of 220kV lines in Western Rajasthan
 - Very high export of power from Rajasthan state transmission system to ISTS network namely 400kV Barmer-Bhinmal loading (N-1 non-compliant)
- A.8.8 Issues of voltage fluctuation and undesirable response from RE plants creating threat on Grid operation, same need to be analysed in detailed and need to be rectified from its root cause for secure and reliable operation of Grid. To analyse any such kind of events a dedicated protection & reliability co-ordinator from each RE plants may be nominated for smooth sharing of data/tripping details and its detailed analysis.
- A.8.9 In order to damp the oscillations and improve voltages, Rajasthan may carry out study and analyse the quantum of RE generation and load in that area/zone to be curtailed including prioritization to improve the voltage profile and loading on 400kV & 220kV intra-state line within permissible limits. Moreover, curtailment of RE power needs to be quick so that oscillations damp out quickly.
- A.8.10 SLDC may also pursue the intrastate RE generators to support the grid by operating in voltage control mode and same should be regularly monitored at SLDC level. In case of high wind & high solar scenario, SLDC may make sure to keep maximum possible machines on bar near the RE pockets.
- A.8.11 Separate meeting was organized by NRLDC on 13.06.2022 and 21.06.2022 to discuss the issues being faced due to ISTS RE plants such as:
- No support during High Voltage Ride Through (HVRT) by RE Generators and in some cases aggravating the high voltage
 - Inadequate Reactive power support as mandated i.e. in power factor range of +/- 0.95 lag and lead.
 - Submission of latest report of harmonic content, DC injection and flicker measurement from field test
 - Issues related to wrong settings kept in 220kV lines and 220/33kV kV ICTs.

- Difference between response of model submitted and Actual response of Plant during event.
- Issues of Oscillation and Voltage fluctuation at RE plants and RE pooling stations.
- Study of RE plant behaviors with low SCR and low fault level at Point of interconnection (POI).

A.8.12 The issues were discussed in detail and action points for each developer were discussed in the both meetings held on 13.06.2022 and 21.06.2022.

Rajasthan and Solar IPPS are requested to provide analysis done at their end.

A.9 Status of DSM Charges (agenda by NRLDC)

A.9.1 Deviation Pool Account Fund of NR is being maintained & operated by NRLDC, in accordance with the CERC Regulations. As per Regulations 10 (1) of “Deviation Settlement Mechanism and Related matters” the payment of charges for Deviation shall have a high priority and the concerned constituents shall pay the indicated amounts within 10 days of issue of statement of Charges for Deviation including Additional Charges for Deviation by the Secretariat of the respective Regional Power Committee in to the “Regional Deviation Pool Account Fund” of the concerned region.

A.9.2 Status of DSM Charges payable to pool as on 20th June 2022 considering Week no-08 (due date of which is 17th June 2022) is indicated here in below: -

S. N.	Constituents	Outstanding payable to pool in Rs lakhs.
1	JAMMU AND KASHMIR	14618.53
2	RENEW SURYA RAVI	70.90
3	POWERGRID-NR	9.32
4	RENEW SUN BRIGHT	6.25
5	AYANA RENEWABLE ONE	6.13
6	Adani SE Jodhpur Two Ltd.	0.74

A.9.3 Last payment from JKPCL against Deviation Charges for Rs. 15 Crore was received on 03-06-2022.

A.9.4 NRLDC is continuously pursuing & sending regular correspondence to JKPCL for settlement of the long pending outstanding so that it can be disbursed to the receivable entities. Further, JKPCL is requested to make the payments regularly as per the Regulation in order to avoid any further delay payment interest liability.

Members may kindly deliberate.

A.10 Status of LC against Deviation Charges delayed payment (agenda by NRLDC)

A.10.1 The proviso (4) of Regulation 10 of CERC (Deviation Settlement Mechanism and related matters) Regulations, 2014 mandates all Regional Entities to open a Letter of Credit (LC) of a specified amount in favour of the concerned RLDC. The relevant Para of the Regulation is quoted below:

Quote

“All regional entities which had at any time during the previous financial year failed to make payment of Charges for Deviation including Additional 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 concerned RLDC within a fortnight from the date these Regulations come into force. Provided that –

- (i) if any regional entity fails to make payment of Charges for Deviation including Additional 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 respective Regional 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%.”

Unquote

A.10.2 Details of Entities who have not opened the LC for default in payment to deviation pool account during FY 21-22 are listed below:

Sl. No.	Name of NR Pool members	No of defaults in Deviation Payment (21-22)	LC Amount (Rs. in Lakh.)	Status
1	JAMMU AND KASHMIR	47	303.65	Not Opened
2	Adani SE Jodhpur 2	18	7.82	Not Opened
3	AYANA RENEWABLE ONE	10	48.47	Not Opened
4	POWERGRID-NR	10	17.83	Not Opened
5	AVAADA SUNCE	9	9.77	Not Opened
6	ADANI HYBRID	8	45.05	Not Opened
7	RENEW JAL URJA	7	14.88	Not Opened
8	AVAADA RJHN	6	5.79	Not Opened
9	MAHINDRA RENEWABLES	6	10.63	Not Opened
10	UTTAR PRADESH	6	366.77	Not Opened
11	ADANI HYBRID TWO	5	22.34	Not Opened

Sl. No.	Name of NR Pool members	No of defaults in Deviation Payment (21-22)	LC Amount (Rs. in Lakh.)	Status
12	PUNJAB	4	894.02	Not Opened
13	ACME CSEPL	3	10.69	Not Opened
14	RENEW SUN BRIGHT	3	7.36	Not Opened
15	RENEW POWER	3	8.45	Not Opened
16	ADANI HYBRID FOUR	2	26.98	Not Opened
17	AZURE FORTY THREE	2	21.82	Not Opened
18	AZURE POWER MAPLE	2	42.82	Not Opened
19	RENEW SOLAR URJA	2	28.39	Not Opened
20	AZURE POWER	1	9.16	Not Opened
21	AZURE FORTY ONE	1	9.39	Not Opened
22	CLEAN SOLAR POWER	1	50.09	Not Opened
23	RENEW JHARKHAND	1	22.77	Not Opened
24	UTTARAKHAND	1	385.38	Not Opened

It is requested to all the entities to open the LC in line with the Regulations of CERC.

A.11 Submission of Bank Account details for disbursement of payments of Pool Accounts (agenda by NRLDC)

A.11.1 As per Sub proviso (3) of clause 10 of Central Electricity Regulatory Commission (Deviation Settlement Mechanism and related matters) Regulations, 2014, “All payments to the entities entitled to receive any amount on account of charges for Deviation shall be made within 2 working days of receipt of the payments in the “Regional Deviation Pool Account Fund” of the concerned region”.

A.11.2 NRLDC has requested the entities to submit the Bank Account details vide various meetings of NRPC (42, 43 & 44th Commercial Sub Committee Meeting & 48th NRPC Meeting). However, Chandigarh & Railways are yet to submit these details to NRLDC for pool account disbursement. As of now, the payment from various pool accounts is being made through cheque to Chandigarh & Railways.

A.11.3 Chandigarh & Railways are requested to submit the bank account details at the earliest for enabling electronic mode of payments from the pool accounts.

Members may kindly update.

A.12 Reactive Energy charges status (agenda by NRLDC)

A.12.1 Reactive Energy Charges status as on 20th Jun 2022 considering Week no-08 (with due date 17th June 2022) is indicated here in below: -

S No.	Constituents	Outstanding payable to pool in Rs in lakhs.
1	JAMMU AND KASHMIR	1959.52

A.12.2 Last payment from JKPCCL against Reactive Energy Charges of Rs. 5.24 Crore was received on 03-06-2022.

A.12.3 NRLDC has been continuously pursuing & sending regular correspondence to JKPCCL for settlement of the outstanding dues so as to disburse it to the receivable entities. JKPCCL is requested to make the payments regularly as per the Regulation in order to avoid any further liability arising due to delay payment interest.

Members may kindly deliberate.

A.13 Congestion Charges (agenda by NRLDC)

A.13.1 Outstanding amount against the entities payable to pool as on 20th Jun 2022 is indicated here in below: -

No.	Constituents	Outstanding payable to pool in Rs in lakhs.
1	JAMMU AND KASHMIR	0.24

A.13.2 No payments have been received from JKPCCL against Congestion Charges since 30-09-2021.

A.13.3 NRLDC has been continuously pursuing & sending regular correspondence to JKPCCL for settlement of the outstanding dues. JKPCCL is requested to clear all the long pending outstanding dues.

Members may kindly deliberate.

A.14 Reconciliation of Pool Accounts (agenda by NRLDC)

A.14.1 A separate in-house web portal poolar.nrldc.in was created for reconciliation of pool accounts and all the entities were provided with Username & Password to access the web portal to for reconciliation of the accounts.

A.14.2 Monthly reconciliation statement of the pool accounts is being published through this web portal since April 2020 and reconciliation statement upto May 2022 has been uploaded in the portal.

- A.14.3 Reconciliation of pool accounts by Delhi, Punjab, Haryana & Railways are pending.
- A.14.4 All the Members of these Pool Accounts are requested to reconcile the statement on monthly basis to avoid any dispute in future. In case reconciliations are not done on time, the same would be considered as deemed reconciled.

Members may kindly deliberate.

A.15 NRLDC Fee & Charges (agenda by NRLDC)

- A.15.1 NRLDC is raising RLDC Fees and Charges bills to all its users on monthly basis. These bills are also being E-mailed to all the users on the day of billing through Fees & Charges portal of POSOCO (<https://fc.posoco.in/FnCWeb>). The bills can also be downloaded from RLDC Fees and Charges portal. The users can directly make the payment on this portal and shall enter the payment details therein.
- A.15.2 The status of outstanding against NRLDC Fee & Charges as on 20-06-2022 is as mentioned below:

Sl. No.	Entities	Amount Outstanding in Rs Lakhs.	Remarks
1	UT J&K	13.81	Outstanding against March 2022 & Apr 2022 bill of NRLDC F&C
2	ACME Chittorgarh Solar Energy Pvt Ltd	1.22	Outstanding against Apr 2022 bill of NRLDC F&C

Above users are requested to clear the outstanding at the earliest

A.16 Reconciliation of NRLDC Fees and Charges (agenda by NRLDC)

- A.16.1 Reconciliation statements of NRLDC Fees and Charges for Quarter-4 have been issued through the Fees and Charges web portal <https://fc.posoco.in/FnCWeb/#/landing> on 30.04.2022. Users are requested to download the same from “Reconciliation Dashboard” and upload the signed statement in the portal for reconciliation. The time line for uploading of signed statement was 15th May-2022. However, till date, only following users have uploaded the statement.

Sl. No.	Entities	Sl. No.	Entities
1	Adani Renewable Energy (RJ) Limited	8	Dehar HEP
2	Adani Solar Energy Four Private Limited	9	Pong HEP
3	Adani Solar Energy Jodhpur Two Limited	10	Delhi (TPDDL)
4	Avaada RJHN Private Limited	11	HP Seller
5	Avaada Sunce Energy Private Limited	12	Himachal Pradesh
6	ADHPL	13	UP Seller (MUNPL)

Sl. No.	Entities	Sl. No.	Entities
7	Bhakra Complex	14	KWHPS

A.16.2 Entities are once again requested to verify and upload the duly signed Reconciliation statement as a normal practice in the Fees & Charges portal of NRLDC. In case of non-receipt of any communication within one week from the date of 55th NRPC meeting, it will be presumed that all the Statements stand reconciled.

Members may kindly deliberate.

A.17 Scheduling, accounting and other treatment of the legacy shared projects in Northern Region (agenda by NRLDC)

A.17.1 There are some legacy Shared projects in NR which are considered as deemed LTA Transactions. However, at present there are different treatment for transmission charges and NRLDC fees and charges for different legacy transactions.

Sl. No.	Plant Name	State in which Plant is embedded	State whose entities have share in the plant	Share in %	Share in MW	Transaction ID for Schedule in Inter-state	Category
1	Bawana	Delhi	Haryana	10	137	SH-07	Scheduled under proper Open Access (CTU) Including Tr. Charges Including RLDC Fee & Charges Schedule changes are done ex-ante as per the IEGC
	Bawana	Delhi	Punjab	10	137	SH-06	
	CLP-Jhajjar	Haryana	Delhi	10	124	LT-05	
2	Rihand hydro	UP	MP	13.75	41.25	LT-01	Considered under deemed LTA. (without formal LTA/MTOA issuance by CTU) Tr. charges considered RLDC Fee & Charges not considered. Schedule changes are done ex-ante as per the IEGC
	Matatila	UP	MP	45	13.75	LT-02	
3	Vishnu Prayag	UP	Uttarakhand	12	60	SH-01	Considered under deemed LTA. (without formal LTA/MTOA issuance
	Alaknanda	UP	Uttarakhand	12	40	LT-38	

Sl. No.	Plant Name	State in which Plant is embedded	State whose entities have share in the plant	Share in %	Share in MW	Transaction ID for Schedule in Inter-state	Category
	Rajghat	MP	UP	25	11.25	LT-13	by CTU) Tr. Charges not considered RLDC Fee & Charges not considered. Schedule changes are done ex-ante as per the IEGC
4	Khara	UP	HP	20	14.4	SH-02	Considered under deemed LTA. (without formal LTA/MTOA issuance by CTU) Tr. Charges not considered RLDC Fee & Charges not considered. Schedule of these transactions are changed post-facto based on actual generation as per legacy.
	RSD	Punjab	HP		22	SH-04	
	Chibro	Uttarakhand	HP	25	60	SH-05	
	Khodri	Uttarakhand	HP	25	30		
	Dhalipur	Uttarakhand	HP	25	12.75		
	Dhakrani	Uttarakhand	HP	25	8.43		
	Kulhal	Uttarakhand	HP	20	6		

A.17.2 The matter has already been discussed in 40th, 43rd and 44th Commercial Sub-Committee meetings. It has also been discussed in 43rd TCC/46th NRPC, 45th TCC/48th NRPC meeting and 47th TCC/49th NRPC meeting.

As per MoM of 44th NRPC Meeting, MS (NRPC) requested all the concerned utilities to submit their observations/objection before 01.4.2022 positively.

****X****

Re: Regarding confirmation of 50 MW and additional 100 MW share from BHEP-1 and 270 MW(May to Sep) Power from BHEP-2

ED Electric JKSPDC <edelectricalpdc@gmail.com>

Tue 06/15/2021 3:55 PM

To: Ce Hppc <Cehppc@uhbvn.org.in>

Cc: Managing Director <md@jkspdcl.com>;ceebhep <ceebhep@gmail.com>;Dgm Electric <dgmelectric2jkspdc@gmail.com>

Sir,

In reference to the trailing mail, I am directed to confirm that the scheduling of power shall be done as under:

1. In addition to 50 MW power already being scheduled since 1st April 2021, additional quantum of 100 MW power shall also be scheduled w.e.f. 1st July 2021 from BHEP-I for a period of 10 years on existing tariff, term & condition of PPA for 50 MW power of BHEP-I.
2. 270 MW power shall be scheduled w.e.f 1st May 2022 from BHEP-II for a period of 10 years on existing tariff, term & condition of PPA for 50 MW power of BHEP-I.

Regards

Executive Director (E)
Corporate Office, JKPDCC

On Tue, Jun 15, 2021 at 11:47 AM Ce Hppc <Cehppc@uhbvn.org.in> wrote:

Dear Sir,

On the subject cited matter, it is intimated that HERC vide its order dated 10.06.201 in petition HERC/PRO-9 of 2021 and HERC/PRO-13 of 2021 has approved the following:

- i) Extension of source of 50 MW Hydro Power from the 450 MW Baglihar Stage-1 HEP for the next 10 years w.e.f 01.04.2021 at the existing tariff and terms and conditions.
- ii) Procurement of additional 100 MW gross power round the clock from 450 MW Baglihar Stage-1 Hydroelectric Project (HEP) for a period of 10 years w.e.f. 01.07.2021 and
- iii) Procurement of 270 MW gross power during the months of May to September from 450 MW Baglihar Stage-2 Hydroelectric Project (HEP) for a period of 10 years w.e.f. May 2022 at the terms and conditions similar to the procurement of 50 MW gross power being currently scheduled from the Generator JKSPDC.

You are kindly requested to provide your acknowledge in the matter, so that scheduling of additional power may be done from effective dates.

Regards
CE/HPPC

Petition under Section 86(1)(b) of the Electricity Act, 2003 read with the Haryana Electricity Regulatory Commission (Conduct of Business) Regulations, 2019 seeking source approval for procurement of additional 75 MW gross power from 450 MW Baglihar Stage

Ce Hppc <Cehppc@uhbvn.org.in>

Tue 03/22/2022 11:28 AM

To: Managing Director <md@jkspdcl.com>;ceebhep <ceebhep@gmail.com>;ED Electric JKSPDC <edelectricalpdc@gmail.com>;Dgm Electric <dgmelectric2jkspdc@gmail.com>

Sir,

In respect to the offer of additional 75 MW Power from Baglihar Stage-1, S CPP in the 63rd meeting decided to procure additional 75 MW Power during the months of April to October every year from Baglihar HEP Stage-1 of JK-SPDC for 10 years w.e.f. 01.04.2022. However, scheduling of the Power will be started after the approval of HERC. Please find attached the petition for source approval which is filed in HERC.

Regards
CE/HPPC

Re: letter for intimate the Order dated 30.03.2022 in Petition no. 15 of 2022.

Ce Hppc <Cehppc@uhbvn.org.in>

Thu 03/31/2022 5:49 PM

To: Dgm Electric <dgmelectric2jkspdc@gmail.com>; ED Electric JKSPDC <edelectricalpdc@gmail.com>; Managing Director <md@jkspdc.com>

1 attachments (199 KB)

HERC Baglihar Order dated 31.03.2022.pdf;

Sir,

In this regard it is intimated that the matter was heard on 30.03.2022 in which both the representatives of HPPC and JKSPDC were present, regarding the source approval of additional 75 MW power from Baglihar HEP stage-1 during the months of April to October w.e.f. 01.04.2022. The commission approved the same and orders are attached as in the trailing mail.

Regards

From: Director(Tariff) HERC <dir-trf.herc@nic.in>

Sent: Thursday, March 31, 2022 1:25:11 PM

To: Ce Hppc <Cehppc@uhbvn.org.in>; cehppc@gmail.com <cehppc@gmail.com>; edelectricalpdc <edelectricalpdc@gmail.com>; md <md@jkspdc.com>; ceebhep <ceebhep@gmail.com>; xenegenbhep1 <xenegenbhep1@gmail.com>; dgmelectric2jkspdc <dgmelectric2jkspdc@gmail.com>

Subject: letter for intimate the Order dated 30.03.2022 in Petition no. 15 of 2022.

Please find enclosed attachment

Regards.



30/04/2022, 20:50

Gmail - Offer for 75 MW (16.66% of 450 MW) additional quantum from BHEP-I



Chief Engineer Haryana Discoms HPPC <cehppc@gmail.com>

Offer for 75 MW (16.66% of 450 MW) additional quantum from BHEP-I

Sajad Tariq DGM(E) <dgmelectric2jkspdc@gmail.com>

To: CE HPPC <cehppc@gmail.com>

Cc: md@jkspdc.com, ED Electric JKSPDC <edelectricalpdc@gmail.com>, Chief Engineer <ceebhep@gmail.com>

Thu, Mar 31, 2022 at 11:20 AM

Sir,

In reference to our offer for 75 MW (16.66% of 450 MW) power from Baglihar HEP Stage-I which is under consideration of HPPC, I am directed to inform that we have to shutdown Unit-III (150MW) of the plant for arresting leakages in the MIV of the said unit. The repair work may take 2-3 weeks, as such JKSPDC will not be able to schedule 75 MW (16.66% of 450 MW) additional quantum till repair works are completed. In-case the work is completed earlier we will inform you accordingly.

Regards,
(Sajad Tariq)
Dy. General Manager (Electric),
Corporate Office, JKPCD

Annexure V

41

Re: Regarding confirmation of 50 MW and additional 100 MW share from BHEP-1 and 270 MW(May to Sep) Power from BHEP-2

Ce Hppc <Cehppc@uhbvn.org.in>

Fr 04/29/2022 11:14 AM

To: ED Electric JKSPDC <edelectricalpdc@gmail.com>; Dgm Electric <dgmelectric2jkspdc@gmail.com>; Managing Director <md@jkspdcl.com>

Sir

In respect of trailing mail, you are again kindly requested to provide the consent of scheduling of 270 MW power(May to Sep) which shall flow w.e.f 1st May 2022 from BHEP-II. Further, you are also requested that kindly provide the injecting entity name which is registered on NRLDC Portal for the punching of application for Baglihar HEP Stage-II.

CE/HPPC

From: Ce Hppc <Cehppc@uhbvn.org.in>

Sent: Wednesday, April 13, 2022 5:33 PM

To: ED Electric JKSPDC <edelectricalpdc@gmail.com>

Subject: Re: Regarding confirmation of 50 MW and additional 100 MW share from BHEP-1 and 270 MW(May to Sep) Power from BHEP-2

In respect of trailing mail, you are kindly requested to provide acknowledge regarding scheduling of 270 MW power(May to Sep) which shall flow w.e.f 1st May 2022 from BHEP-II. Further, you are also requested that kindly provide the injecting entity name which is registered on NRLDC Portal for the punching of application for Baglihar HEP Stage-II.

From: ED Electric JKSPDC <edelectricalpdc@gmail.com>

it: Tuesday, June 15, 2021 3:54 PM

To: Ce Hppc <Cehppc@uhbvn.org.in>

Cc: Managing Director <md@jkspdcl.com>; ceebhep <ceebhep@gmail.com>; Dgm Electric <dgmelectric2jkspdc@gmail.com>

Subject: Re: Regarding confirmation of 50 MW and additional 100 MW share from BHEP-1 and 270 MW(May to Sep) Power from BHEP-2

Sir,

In reference to the trailing mail, I am directed to confirm that the scheduling of power shall be done as under:

1. In addition to 50 MW power already being scheduled since 1st April 2021, additional quantum of 100 MW power shall also be scheduled w.e.f. 1st July 2021 from BHEP-I for a period of 10 years on existing tariff, term & condition of PPA for 50 MW power of BHEP-I.
2. 270 MW power shall be scheduled w.e.f 1st May 2022 from BHEP-II for a period of 10 years on existing tariff, term & condition of PPA for 50 MW power of BHEP-I.

Regards

Executive Director (E)
Corporate Office, JKPDC

On Tue, Jun 15, 2021 at 11:47 AM Ce Hppc <Cehppc@uhbvn.org.in> wrote:
Dear Sir,

On the subject cited matter, it is intimated that HERC vide its order dated 10.06.201 in petition HERC/PRO-9 of 2021 and HERC/PRO-13 of 2021 has approved the following:

- i) Extension of source of 50 MW Hydro Power from the 450 MW Baglihar Stage 1 HEP

Re: Regarding confirmation of 50 MW and additional 100 MW share from BHEP-1 and 270 MW(May to Sep) Power from BHEP-2

Sajad Tariq DGM(E) <dgmelectric2jkspdc@gmail.com>

on 04/29/2022 5:34 PM

To: Ce Hppc <Cehppc@uhbvn.org.in>

Cc: ED Electric JKSPDC <edelectricalpdc@gmail.com>; Managing Director <md@jkspdc.com>

Sir,

As per available discharge data we might be able to supply 50 MW from BHEP-II w.e.f 1st May 2022, final confirmation will be given tomorrow 30-04-2022 by 10:30 am. Pertinently the quantum shall be increased in coming days as the discharge is anticipated to increase henceforth.

Regards,

(Sajad Tariq)

Dy. General Manager (Electric),
Corporate Office, JKSPDC



On Fri, Apr 29, 2022 at 11:14 AM Ce Hppc <Cehppc@uhbvn.org.in> wrote:

Sir

In respect of trailing mail, you are again kindly requested to provide the consent of scheduling of 270 MW power(May to Sep) which shall flow w.e.f 1st May 2022 from BHEP-II. Further, you are also requested that kindly provide the injecting entity name which is registered on NRLDC Portal for the punching of application for Baglihar HEP Stage-II.

CE/HPPC

From: Ce Hppc <Cehppc@uhbvn.org.in>

Sent: Wednesday, April 13, 2022 5:33 PM

To: ED Electric JKSPDC <edelectricalpdc@gmail.com>

Subject: Re: Regarding confirmation of 50 MW and additional 100 MW share from BHEP-1 and 270 MW(May to Sep) Power from BHEP-2

In respect of trailing mail, you are kindly requested to provide acknowledge regarding scheduling of 270 MW power(May to Sep) which shall flow w.e.f 1st May 2022 from BHEP-II. Further, you are also requested that kindly provide the injecting entity name which is registered on NRLDC Portal for the punching of application for Baglihar HEP Stage-II.

From: ED Electric JKSPDC <edelectricalpdc@gmail.com>

Sent: Tuesday, June 15, 2021 3:54 PM

To: Ce Hppc <Cehppc@uhbvn.org.in>

Cc: Managing Director <md@jkspdc.com>; ceebhep <ceebhep@gmail.com>; Dgm Electric <dgmelectric2jkspdc@gmail.com>

Subject: Re: Regarding confirmation of 50 MW and additional 100 MW share from BHEP-1 and 270 MW(May to Sep) Power from BHEP-2

Sir,

In reference to the trailing mail, I am directed to confirm that the scheduling of power shall be done as under:

1. In addition to 50 MW power already being scheduled since 1st April 2021, additional quantum of 100 MW power shall also be scheduled w.e.f 1st July 2021 from BHEP-I for a period of 10 years on existing tariff, term & condition of PPA for 50 MW power of BHEP-I.
2. 270 MW power shall be scheduled w.e.f 1st May 2022 from BHEP-II for a period of 10 years on existing tariff, term & condition of PPA for 50 MW power of BHEP-I.

Regards

Executive Director (E)
Corporate Office, JKSPDC

On Tue Jun 15 2021 at 11:47 AM Ce Hppc <Cehppc@uhbvn.org.in> wrote:

On the subject cited matter, it is intimated that HERC
HERC/PRO-13 of 2021 has approved the following:

dated 10.06.201 in petition HERC/PRO-9 of 2021 and

- i) Extension of source of 50 MW Hydro Power from the 450 MW Baglihar Stage-1 HEP for the next 10 years w.e.f 01.04.2022 at the existing tariff and terms and conditions.
 - ii) Procurement of additional 100 MW gross power round the clock from 450 MW Baglihar Stage-1 Hydroelectric Project (HEP) for a period of 10 years w.e.f. 01.07.2021 and
 - iii) Procurement of 270 MW gross power during the months of May to September from 450 MW Baglihar Stage-2 Hydroelectric Project (HEP) for a period of 10 years w.e.f. May 2022 at the terms and conditions similar to the procurement of 50 MW gross power being currently scheduled from the Generator JKSPDC
- You are kindly requested to provide your acknowledge in the matter, so that scheduling of additional power may be done from effective dates.

Regards
CE/HPPC

Re: Regarding confirmation of 50 MW and additional 100 MW share from BHEP-1 and 270 MW(May to Sep) Power from BHEP-2 Annexure-VII (5) 2

Sajad Tariq DGM(E) <dgmelectric2jkspdc@gmail.com>

Sat 04/30/2022 10:38 AM

To: Ce Hppc <Cehppc@uhbvn.org.in>

Cc: ED Electric JKSPDC <edelectricalpdc@gmail.com>; Managing Director <md@jkspdcl.com>; Chief Engineer <ceebhep@gmail.com>; XENEGEN BHEP <XENEGENBHEP1@gmail.com>

Sir,

In reference to the trailing mail, I am directed to inform that in view of upcoming Eid festival and prevailing power crisis, JKSPDC will not be able to supply any additional quantum to HPPC. However, JKSPDC values its relationship with HPPC and assures that once the situation in J&K improves we shall supply requisite quantum.

Regards,

(Sajad Tariq)

Dy. General Manager (Electric),
Corporate Office, JKPDC



On Fri, 29 Apr, 2022, 5:34 pm Sajad Tariq DGM(E), <dgmelectric2jkspdc@gmail.com> wrote:
Sir,

s per available discharge data we might be able to supply 50 MW from BHEP-II w.e.f 1st May 2022, final confirmation will be given tomorrow 30-04-2022 by 10:30 am. Pertinently the quantum shall be increased in coming days as the discharge is anticipated to increase henceforth.

Regards,

(Sajad Tariq)

Dy. General Manager (Electric),
Corporate Office, JKPDC



On Fri, Apr 29, 2022 at 11:14 AM Ce Hppc <Cehppc@uhbvn.org.in> wrote:
Sir

In respect of trailing mail, you are again kindly requested to provide the consent of scheduling of 270 MW power(May to Sep) which shall flow w.e.f 1st May 2022 from BHEP-II. Further, you are also requested that kindly provide the injecting entity name which is registered on NRLDC Portal for the punching of application for Baglihar HEP Stage-II.

CE/HPPC

From: Ce Hppc <Cehppc@uhbvn.org.in>

Sent: Wednesday, April 13, 2022 5:33 PM

To: ED Electric JKSPDC <edelectricalpdc@gmail.com>

Subject: Re: Regarding confirmation of 50 MW and additional 100 MW share from BHEP-1 and 270 MW(May to Sep) Power from BHEP-2

In respect of trailing mail, you are kindly requested to provide acknowledge regarding scheduling of 270 MW power(May to Sep) which shall flow w.e.f 1st May 2022 from BHEP-II. Further, you are also requested that kindly provide the injecting entity name which is registered on NRLDC Portal for the punching of application for Baglihar HEP Stage-II.

From: ED Electric JKSPDC <edelectricalpdc@gmail.com>

Sent: Tuesday, June 15, 2021 3:54 PM

To: Ce Hppc <Cehppc@uhbvn.org.in>

Cc: Managing Director <md@jkspdcl.com>; ceebhep <ceebhep@gmail.com>; Dgm Electric <dgmelectric2jkspdc@gmail.com>

Subject: Re: Regarding confirmation of 50 MW and additional 100 MW share from BHEP-1 and 270 MW(May to Sep) Power from BHEP-2

Sir,

In reference to the trailing mail, I am directed to confirm that the scheduling hall be done as under:

1. In addition to 50 MW power already being scheduled since 1st April 2021, additional quantum of 100 MW power shall also be scheduled w.e.f. 1st July 2021 from BHEP-I for a period of 10 years on existing tariff, term & condition of PPA for 50 MW power of BHEP-I.
2. 270 MW power shall be scheduled w.e.f 1st May 2022 from BHEP-II for a period of 10 years on existing tariff, term & condition of PPA for 50 MW power of BHEP-I.

Regards

Executive Director (E)
Corporate Office, JKPCDC

On Tue, Jun 15, 2021 at 11:47 AM Ce Hppc <Cehppc@uhbvn.org.in> wrote:
Dear Sir,

On the subject cited matter, it is intimated that HERC vide its order dated 10.06.201 in petition HERC/PRO-9 of 2021 and HERC/PRO-13 of 2021 has approved the following:

- i) Extension of source of 50 MW Hydro Power from the 450 MW Baglihar Stage-1 HEP for the next 10 years w.e.f 01.04.2021 at the existing tariff and terms and conditions.
- ii) Procurement of additional 100 MW gross power round the clock from 450 MW Baglihar Stage-1 Hydroelectric Project (HEP) for a period of 10 years w.e.f. 01.07.2021 and
- iii) Procurement of 270 MW gross power during the months of May to September from 450 MW Baglihar Stage-2 Hydroelectric Project (HEP) for a period of 10 years w.e.f. May 2022 at the terms and conditions similar to the procurement of 50 MW gross power being currently scheduled from the Generator JKSPDC.

You are kindly requested to provide your acknowledge in the matter, so that scheduling of additional power may be done from effective dates.

Regards
CE/HPPC



UTTAR HARYANA BIJLI VITRAN NIGAM

(A Government of Haryana Undertaking)

Plot: C-16, Vidyut Sadan, Sector-6, Panchkula-134109 (Haryana)
Phone: 0172-2572535, 2583553 (O) E-mail: md@uhbvn.org.in

To

The Secretary(Power),
Ministry of Power,
Govt. of India,
Shram Shakti Bhawan,
Rafi Marg, New Delhi-110001

Memo No. Ch-206/CE/HPPC/SE/C&R-I/ PPA-6/LTP-II
Dated: 09.05.2022

Sub: Non Scheduling of additional power to Haryana by JKSPDC - Violation of the agreement.

Respected Sir,

In reference to the JKSPDC offer dated 28.01.2022, HERC approved the source for procurement of 270 MW (May to Sep) from Baglihar Stage-II for a period of 10 years w.e.f. 01.05.2022. HPPC issued Lol to JK-SPDC and the same was accepted by JKSPDC on 15.06.2021.

Subsequently, JKSPDC vide mail dated 23.02.2022 offered additional 75 MW Power from Baglihar Stage-I w.e.f. 01.04.2022 and the same was accepted by HPPC vide mail dated 22.03.2022. HERC vide its order dated 30.03.2022 approved this additional 75 MW Power. HPPC issued Lol dated 31.03.2022 to JK-SPDC for this power. This 75 MW Power was expected to be scheduled w.e.f. 01.04.2022.

However, JK-SPDC vide mail dated 31.03.2022 intimated that Unit-III (150MW) of the plant is under shutdown for arresting leakages in the MIV of the said unit. The repair work may take 2-3 weeks, as such JKSPDC will not be able to schedule 75 MW (16.66% of 450 MW) additional quantum till repair works are completed.



HPPC vide mail dated 29.04.2022 asked JK-SPDC to confirm the scheduling of additional 270 MW Power w.e.f. 01.05.2022 to which it was informed that they shall supply only 50 MW Power as per the available discharge of water.

Now, JK-SPDC vide mail dated 30.04.2022 has refused to schedule any power(270MW+75MW) to Haryana stating that in view of upcoming Eid festival and prevailing power crisis, JKSPDC will not be able to supply any additional quantum to HPPC.

It is pertinent to mention that Haryana has already considered this power (270MW+75MW) in all its demand supply projections which was expected to schedule to Haryana.

This sudden refusal to schedule power by JKSPDC is further going to aggravate the ongoing power crunch in the state. MoP is already aware the Power supply situation in Haryana.

In view of the aforesaid position, Hon'ble Ministry is requested to intervene and direct JKSPDC to honour its commitments and schedule the Power to Haryana as per the agreement without any delay. An immediate positive response in the matter is solicited, please.


7/5/22
o/c Managing Director
UHBVN, Panchkula


CC:

1. SPS to ACS/Power, Govt. of Haryana, for kind information of ACS, please.



JAMMU AND KASHMIR POWER DEVELOPMENT CORPORATION LTD.
Office of The Executive Engineer, Generation Division Power House
BHEP-I Chanderkote.

Email:- billing.bhep.1@gmail.com

Tele/Fax:- 01998-288119
 No.GD/PH/BHEP-I/4948-54
 Dated: 31/05/2022

Haryana Power Purchasing Centre
 Shakti Bhawan Sector 06
 Punchkula, Haryana
 Email:-cehppc@uhbvn.org.in

Power Trading Corp;India Ltd
 2nd floor, NBCC Tower
 Bhikaji Cama Place,
 New Delhi.

Fax:- 011-41659142

Email:- controlroom@ptcindia.com

Subject: Power availability from BHEP-I.


Sir,

The following is the power availability from BHEP-I for 01/06/2022 .

Time Slot (Hrs)	Schedule Generation	Share of PDD	Share of HPPC	Share of PTC
00:00 to 24:00	450 MW	247.74 MW	150 MW	52.26 MW
Total MWHrs	10800 MWHrs	5945.76 MWHrs	3600 MWHrs	1254.24 MWHrs

Installed capacity=450MW

Yours faithfully


 Executive Engineer
 Generation Division
 BHEP-I Chanderkote

Copy to the :-

1. Managing Director JKPDC Jammu for information.
2. Executive Director (Electric) JKPDC Jammu for information
3. Chief Engineer (Electric) BHEP Chanderkote for information.
4. Chief Engineer (Civil) BHEP Chanderkote for information.
5. State Load Despatch Centre Jammu for information.
6. Executive Engineer (Mech) Div. BHEP Chanderkote for information.



JAMMU AND KASHMIR POWER DEVELOPMENT CORPORATION LTD.
Office of The Executive Engineer, Generation Division Power House
BHEP-I Chanderkote.

Email:- billing.bhep.1@gmail.com

Tele/Fax:- 01998-288119
No.GD/PH/BHEP-I/4955-61
Dated: 01/06/2022

Haryana Power Purchasing Centre
Shakti Bhawan Sector 06
Punchkula, Haryana
Email:-cehppc@uhbvn.org.in

Power Trading Corpn;India Ltd
2nd floor, NBCC Tower
Bhikaji Cama Place,
New Delhi.

Fax:- 011-41659142
Email:- controlroom@ptcindia.com

Subject: Power availability from BHEP-I.


Sir,

The following is the power availability from BHEP-I for 02/06/2022 .

Time Slot (Hrs)	Schedule Generation	Share of PDD	Share of HPPC	Share of PTC
00:00 to 24:00	450 MW	247.74 MW	150 MW	52.26 MW
Total MWHrs	10800 MWHrs	5945.76 MWHrs	3600 MWHrs	1254.24 MWHrs

Installed capacity=450MW

Yours faithfully


Executive Engineer
Generation Division
BHEP-I Chanderkote

Copy to the :-

1. Managing Director JKPDC Jammu for information.
2. Executive Director (Electric) JKPDC Jammu for information
3. Chief Engineer (Electric) BHEP Chanderkote for information.
4. Chief Engineer (Civil) BHEP Chanderkote for information.
5. State Load Despatch Centre Jammu for information.
6. Executive Engineer (Mech) Div. BHEP Chanderkote for information.



JAMMU AND KASHMIR POWER DEVELOPMENT CORPORATION LTD.
Office of The Executive Engineer, Generation Division Power House
BHEP-I Chanderkote.

Email:- billing.bhep.1@gmail.com

Tele/Fax:- 01998-288119
No.GD/PH/BHEP-I/4962-68
Dated: 02/06/2022

Haryana Power Purchasing Centre
Shakti Bhawan Sector 06
Punchkula, Haryana
Email:- cehppc@uhbvn.org.in

Power Trading Corpn;India Ltd
2nd floor, NBCC Tower
Bhikaji Cama Place,
New Delhi.
Fax:- 011-41659142
Email:- controlroom@ptcindia.com

Subject: Power availability from BHEP-I.


Sir,

The following is the power availability from BHEP-I for 03/06/2022 .

Time Slot (Hrs)	Schedule Generation	Share of PDD	Share of HPPC	Share of PTC
00:00 to 24:00	450 MW	247.74 MW	150 MW	52.26 MW
Total MWHrs	10800 MWHrs	5945.76 MWHrs	3600 MWHrs	1254.24 MWHrs

Installed capacity=450MW

Yours faithfully


Executive Engineer
Generation Division
BHEP-I Chanderkote

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JAMMU AND KASHMIR POWER DEVELOPMENT CORPORATION LTD.
Office of The Executive Engineer, Generation Division Power House
BHEP-I Chanderkote.

Email:- billing.bhep.1@gmail.com

Tele/Fax:- 01998-288119
No.GD/PH/BHEP-I/4983-89
Dated: 05/06/2022

Haryana Power Purchasing Centre
Shakti Bhawan Sector 06
Punchkula, Haryana
Email:-cehppc@uhbvn.org.in

Power Trading Corpn;India Ltd
2nd floor, NBCC Tower
Bhikaji Cama Place,
New Delhi.
Fax:- 011-41659142
Email:- controlroom@ptcindia.com

Subject: Power availability from BHEP-I.


Sir,

The following is the power availability from BHEP-I for 06/06/2022 .

Time Slot (Hrs)	Schedule Generation	Share of PDD	Share of HPPC	Share of PTC
00:00 to 24:00	450 MW	248.1 MW	150 MW	51.9 MW
Total MWHrs	10800 MWHrs	5954.4 MWHrs	3600 MWHrs	1245.6 MWHrs

Installed capacity=450MW

Yours faithfully


Executive Engineer
Generation Division
BHEP-I Chanderkote

Copy to the :-

1. Managing Director JKPDC Jammu for information.
2. Executive Director (Electric) JKPDC Jammu for information
3. Chief Engineer (Electric) BHEP Chanderkote for information.
4. Chief Engineer (Civil) BHEP Chanderkote for information.
5. State Load Despatch Centre Jammu for information.
6. Executive Engineer (Mech) Div. BHEP Chanderkote for information.



JAMMU AND KASHMIR POWER DEVELOPMENT CORPORATION LTD.
Office of The Executive Engineer, Generation Division Power House
BHEP-I Chanderkote.

Email:- billing.bhep.1@gmail.com

Haryana Power Purchasing Centre
Shakti Bhawan Sector 06
Punchkula, Haryana
Email:- cehppc@uhbvn.org.in

Tele/Fax:- 01998-288119
No.GD/PH/BHEP-I/4990-96
Dated: 06/06/2022
Power Trading Corpn;India Ltd
2nd floor, NBCC Tower
Bhikaji Cama Place,
New Delhi.
Fax:- 011-41659142
Email:- controlroom@ptcindia.com

Subject: Power availability from BHEP-I.


Sir,

The following is the power availability from BHEP-I for 07/06/2022 .

Time Slot (Hrs)	Schedule Generation	Share of PDD	Share of HPPC	Share of PTC
00:00 to 24:00	450 MW	248.1 MW	150 MW	51.9 MW
Total MWHrs	10800 MWHrs	5954.4 MWHrs	3600 MWHrs	1245.6 MWHrs

Installed capacity=450MW

Yours faithfully


Executive Engineer
Generation Division
BHEP-I Chanderkote

Copy to the :-

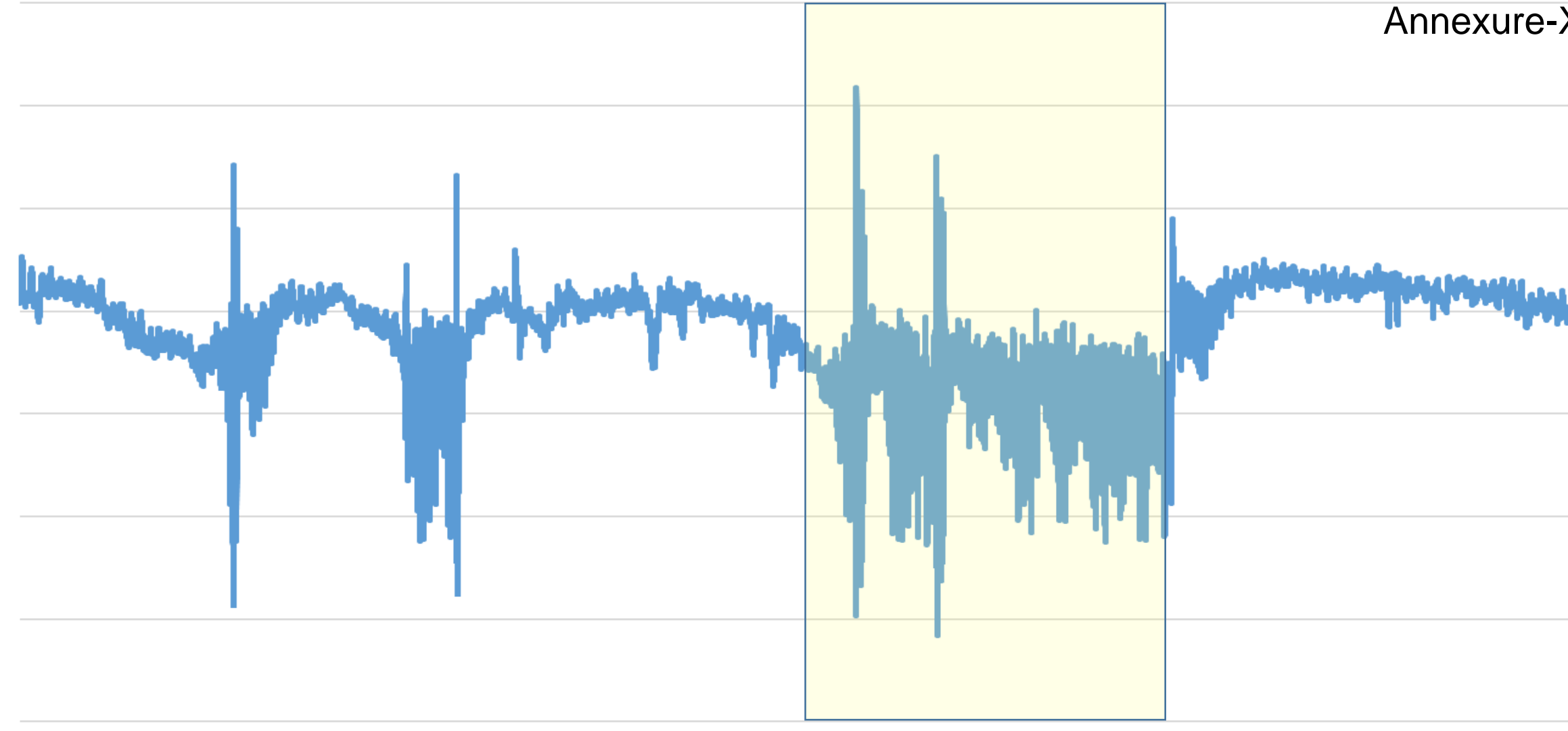
1. Managing Director JKPDC Jammu for information.
2. Executive Director (Electric) JKPDC Jammu for information
3. Chief Engineer (Electric) BHEP Chanderkote for information.
4. Chief Engineer (Civil) BHEP Chanderkote for information.
5. State Load Despatch Centre Jammu for information.
6. Executive Engineer (Mech) Div. BHEP Chanderkote for information.

Fatehgarh-II Voltage of Bhadla-II line (phase voltage)

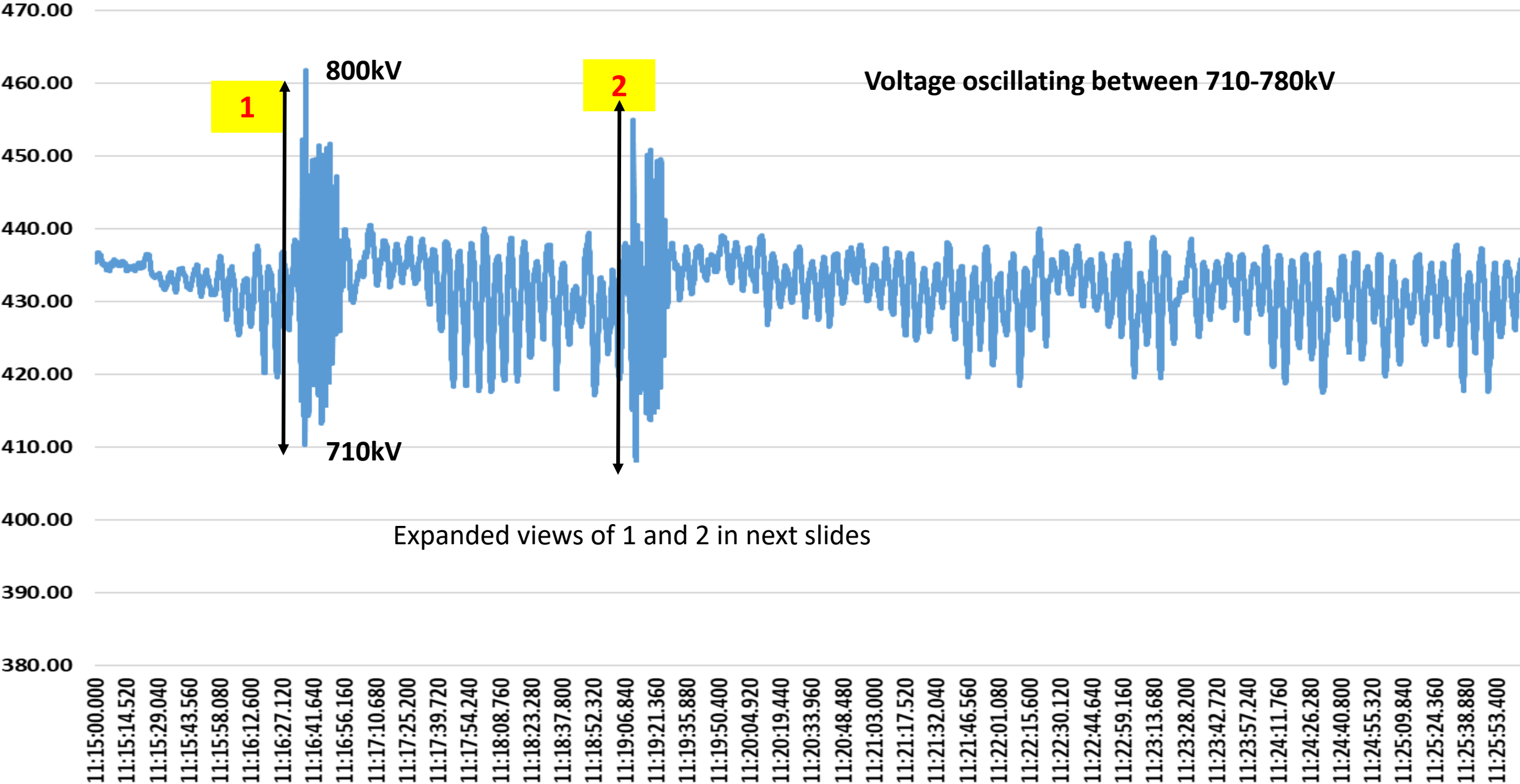
Annexure-X

470.00
460.00
450.00
440.00
430.00
420.00
410.00
400.00

10:50:00.000
10:51:11.320
10:52:22.880
10:53:34.440
10:54:46.040
10:55:57.840
10:57:09.560
10:58:21.200
10:59:33.000
11:00:44.320
11:01:55.920
11:03:07.520
11:04:18.960
11:05:30.280
11:06:41.520
11:07:53.040
11:09:04.280
11:10:15.600
11:11:26.800
11:12:38.240
11:13:49.520
11:15:00.880
11:16:12.280
11:17:23.800
11:18:35.320
11:19:46.520
11:20:58.080
11:22:09.520
11:23:20.720
11:24:32.000
11:25:43.160
11:26:54.600
11:28:06.160
11:29:17.560
11:30:29.080
11:31:40.680
11:32:51.920
11:34:03.480
11:35:15.160
11:36:26.600
11:37:38.000
11:38:49.520

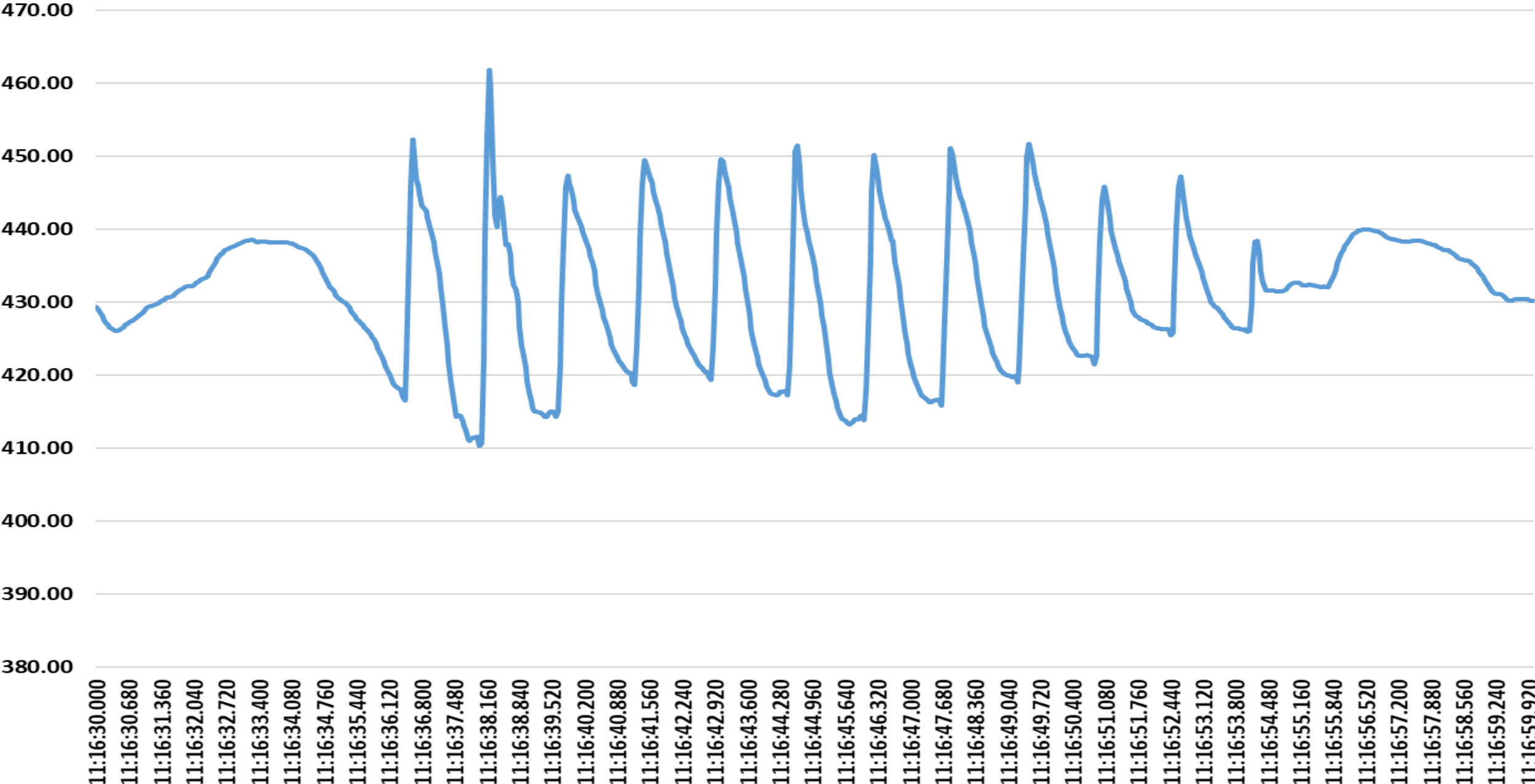


Fatehgarh-II Voltage of Bhadla-II line (R phase voltage)



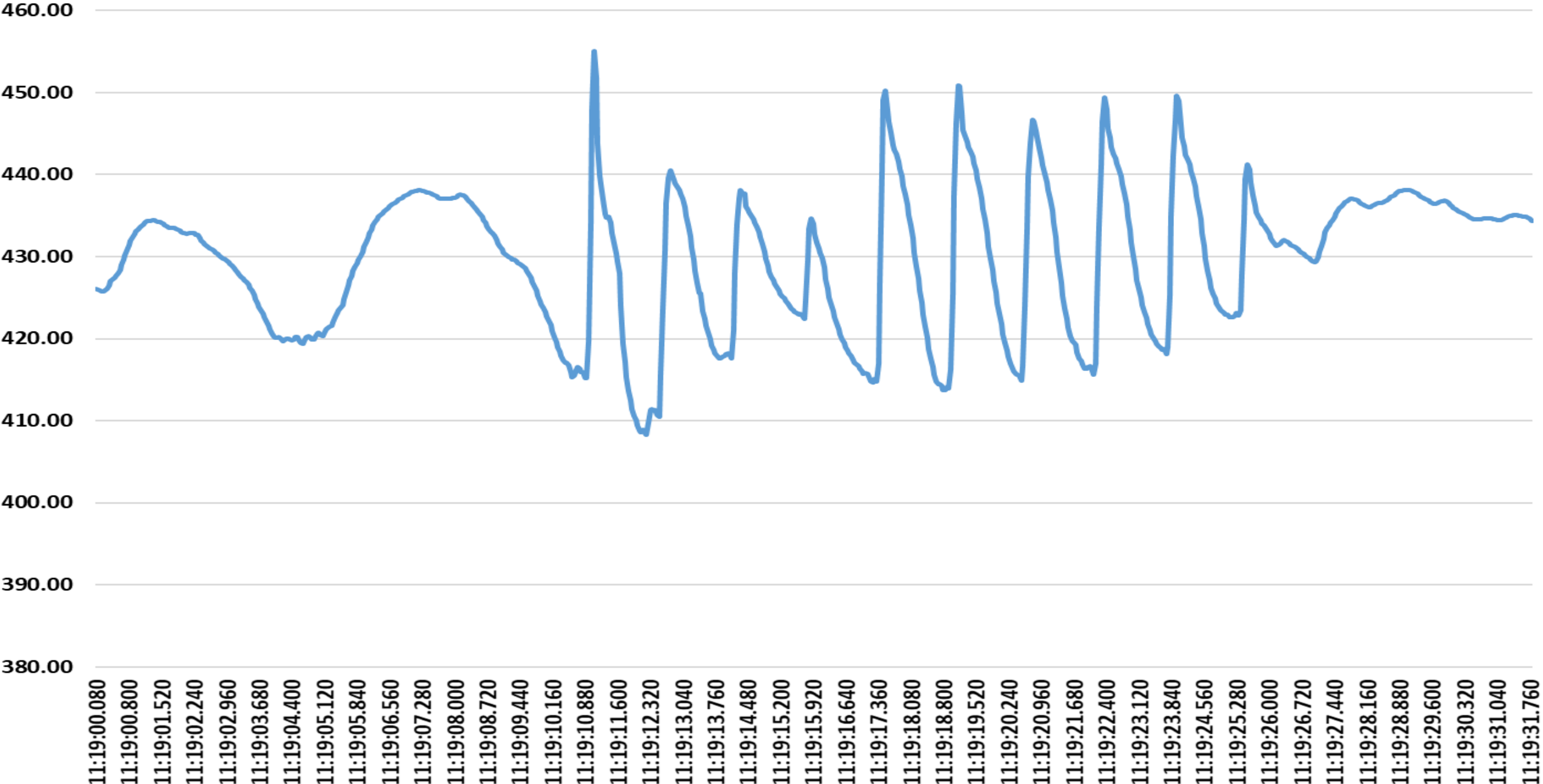
1

Fatehgarh-II Voltage of Bhadla-II line (R phase voltage)

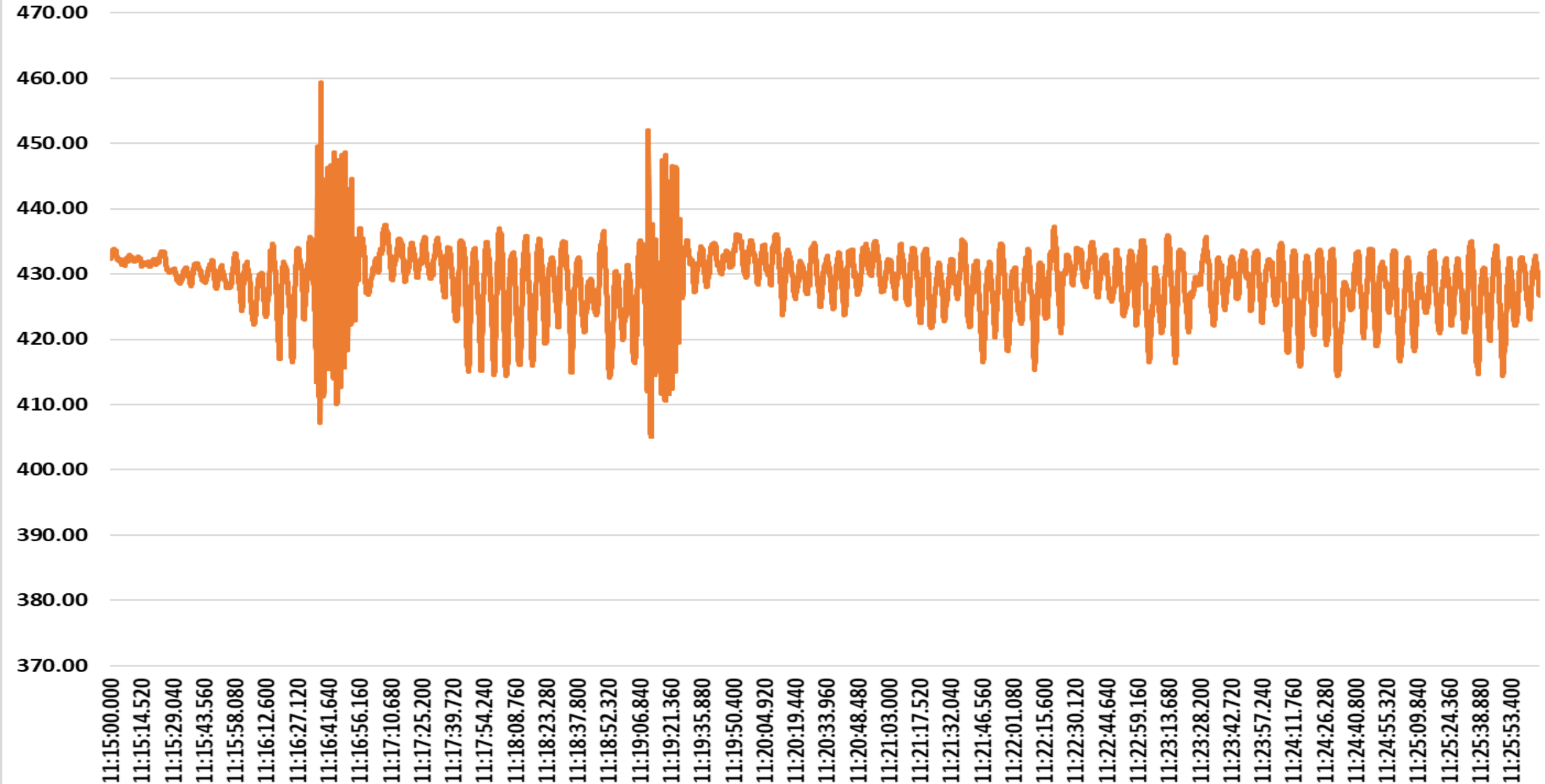


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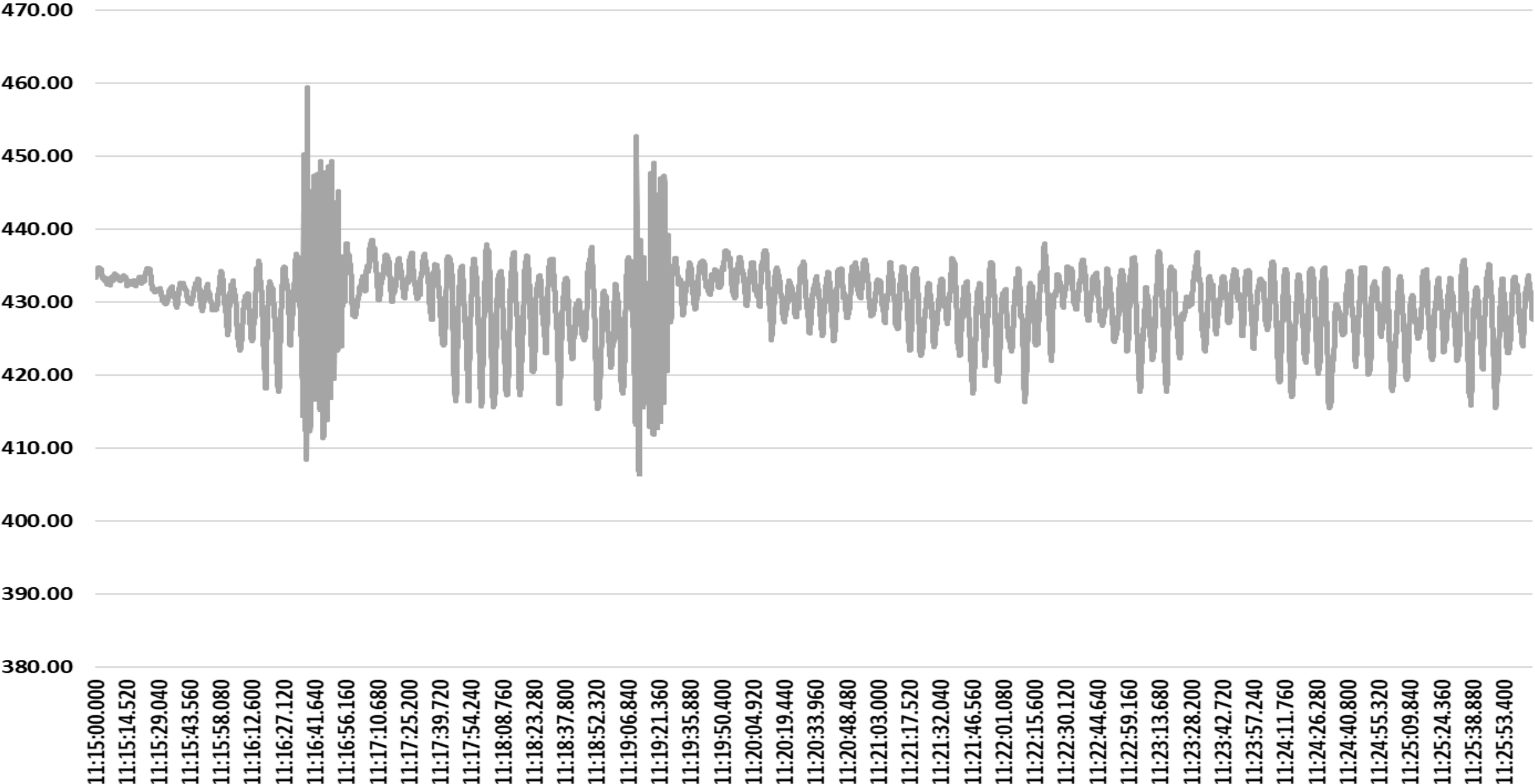
Fatehgarh-II Voltage of Bhadla-II line (R phase voltage)



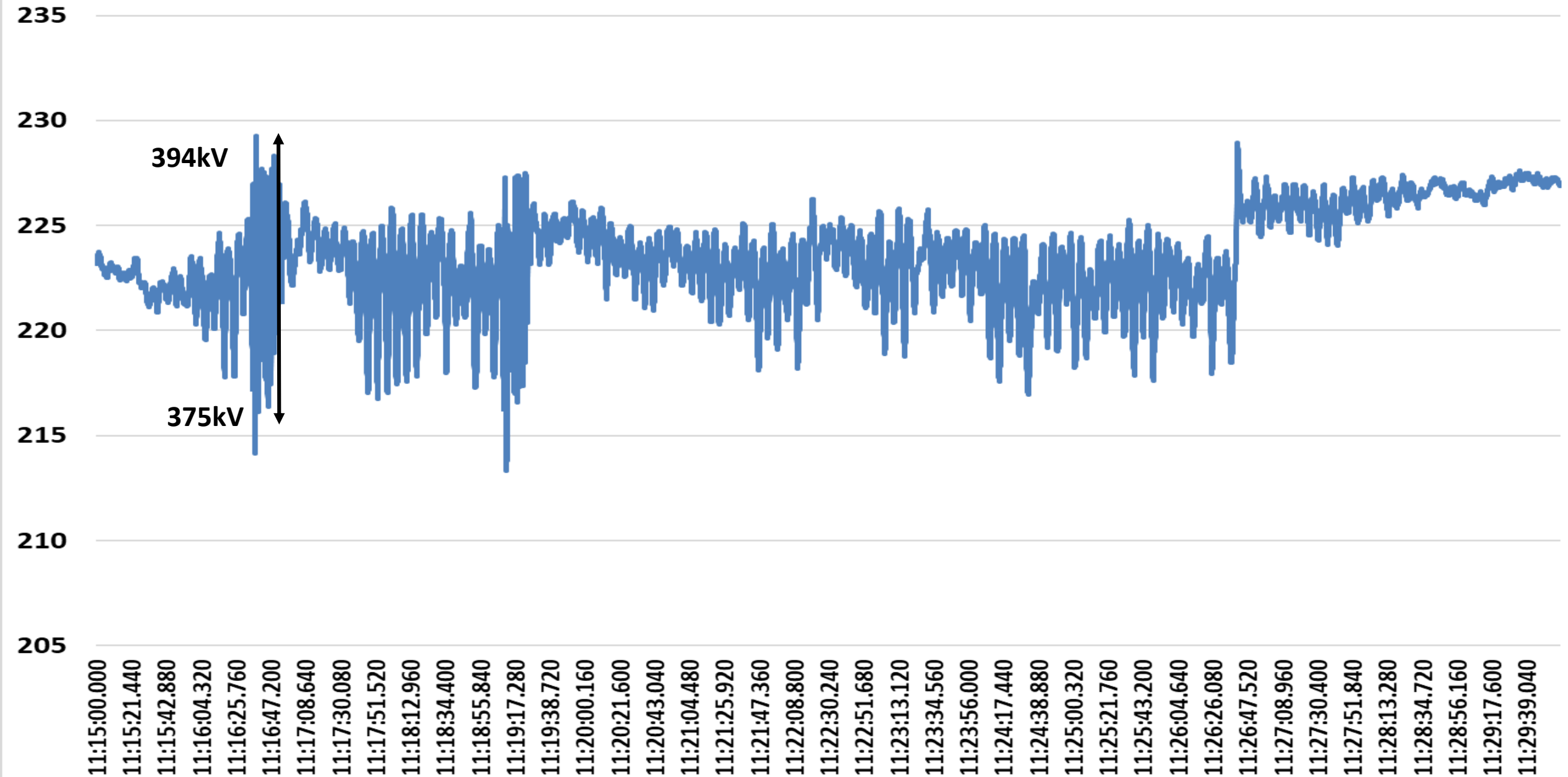
Fatehgarh-II Voltage of Bhadla-II line (Y phase voltage)



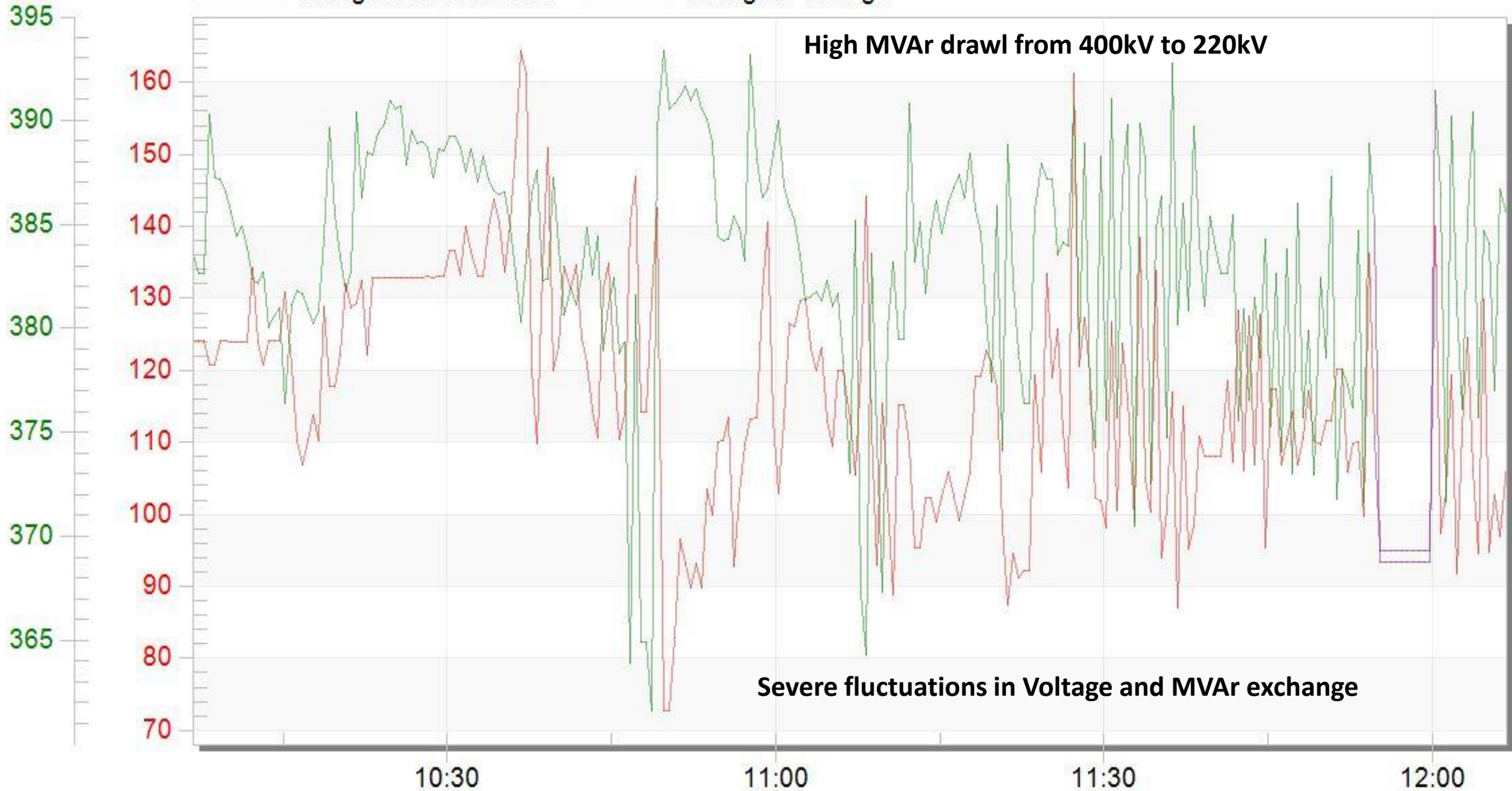
Fatehgarh-II Voltage of Bhadla-II line (B phase voltage)



Voltage of Jodhpur 400kV bus (R phase voltage)



Ramgarh ICTs MVAR Ramgarh Voltage

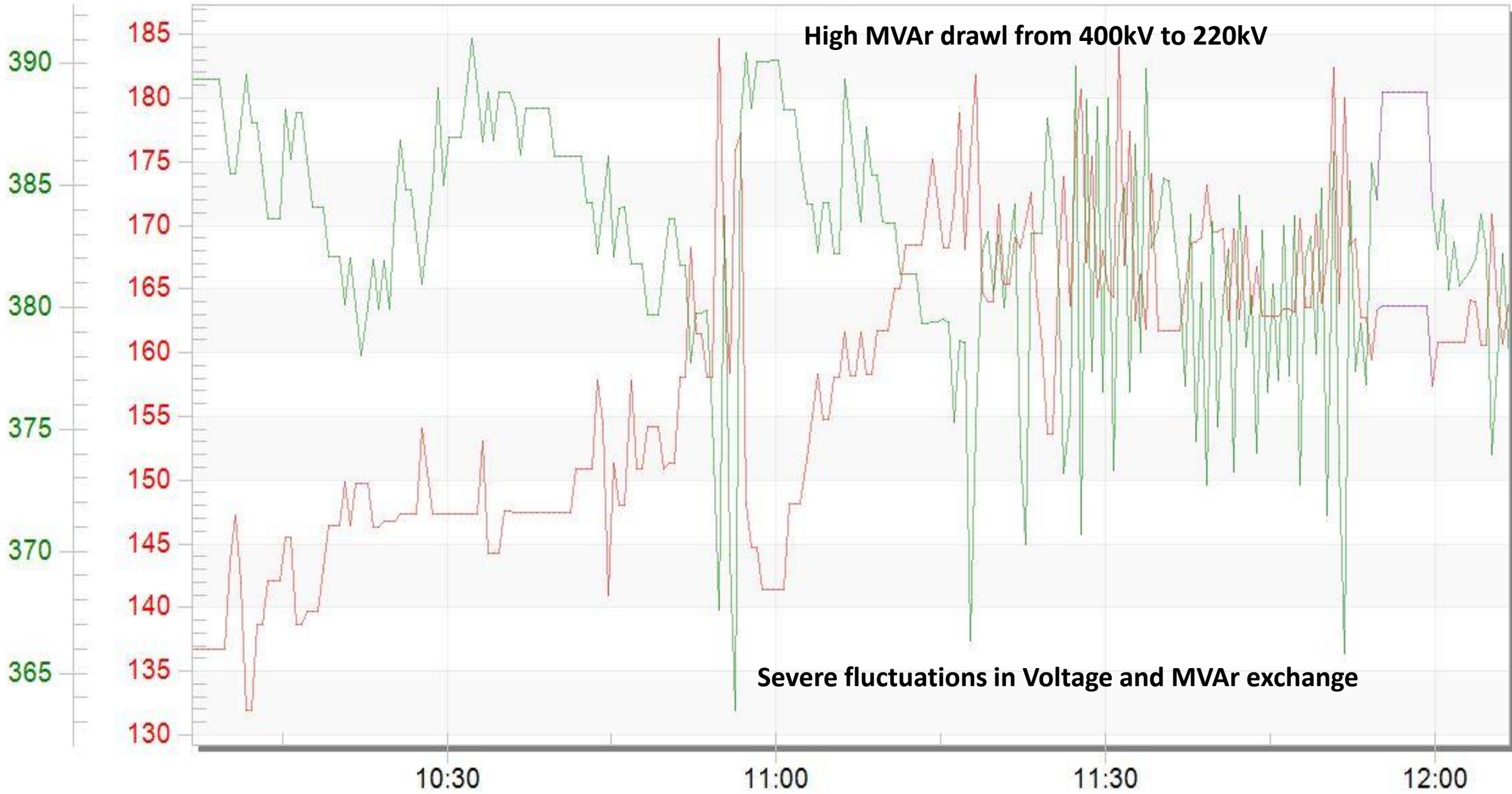


High MVAR drawl from 400kV to 220kV

Severe fluctuations in Voltage and MVAR exchange

May 27 Fri 2022

— Kankani ICTs MVAR — Kankani Voltage

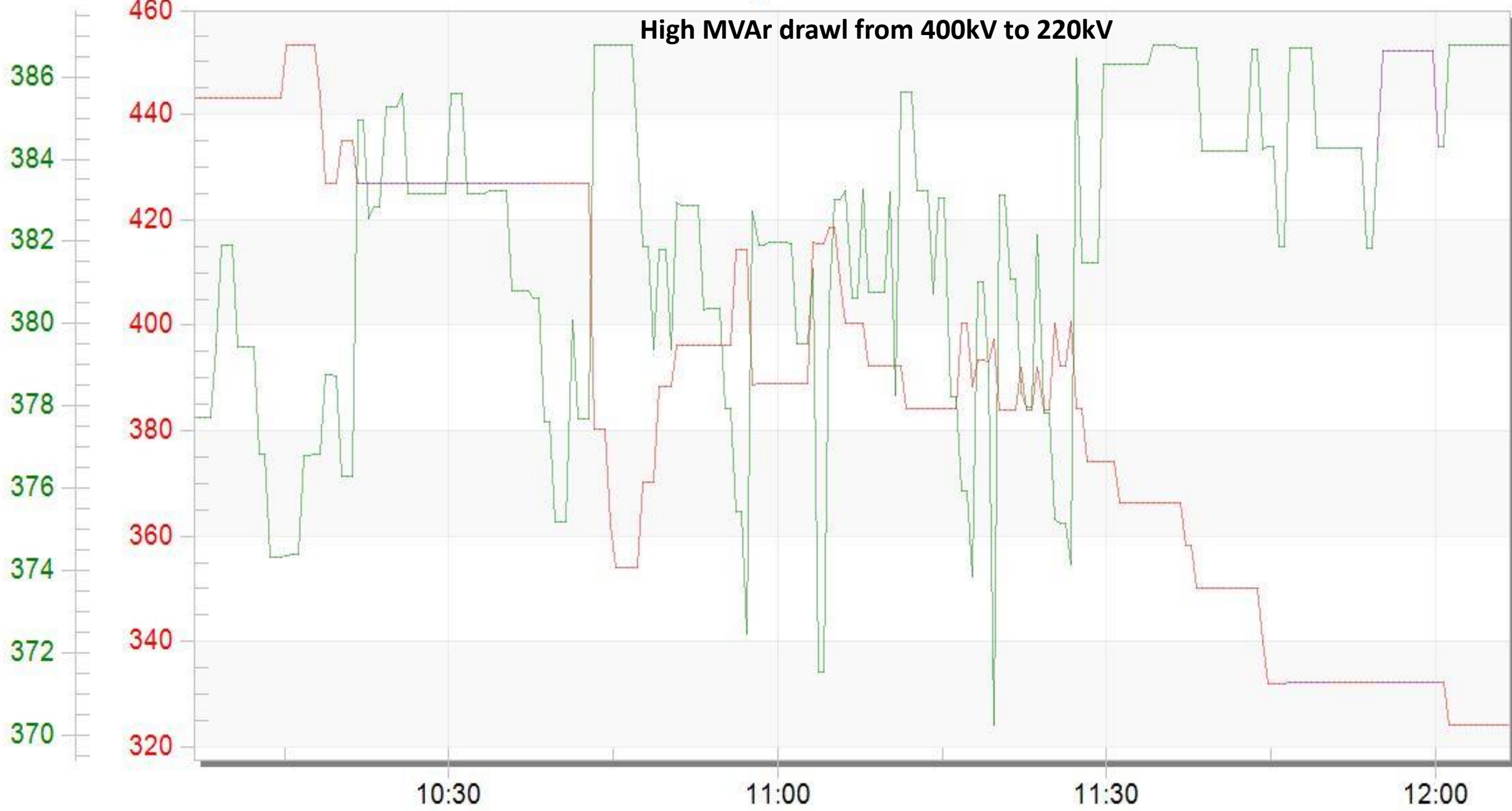


High MVAR drawl from 400kV to 220kV

Severe fluctuations in Voltage and MVAR exchange

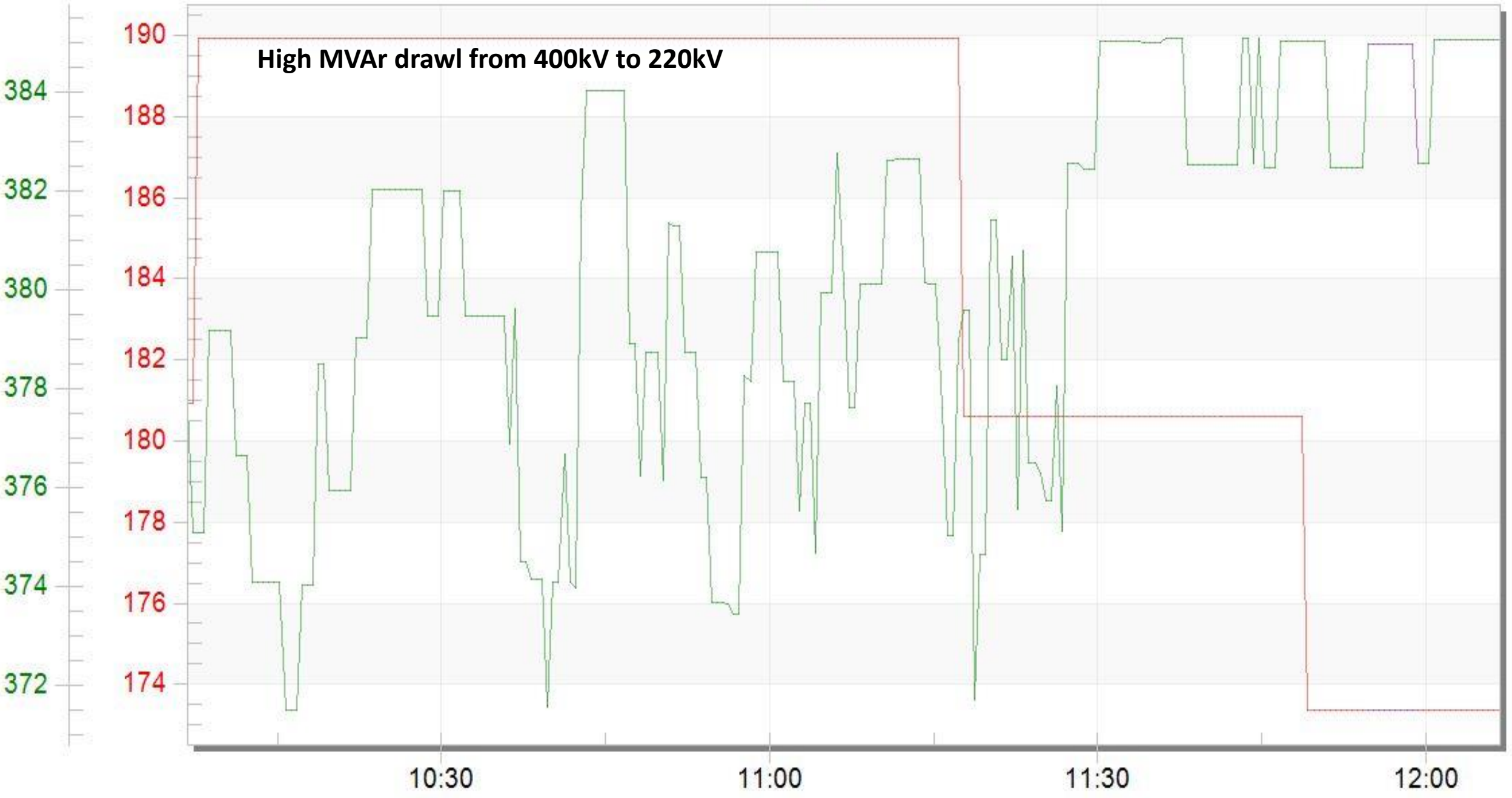
Akal ICTs MVAR Akal Voltage

High MVAR drawl from 400kV to 220kV



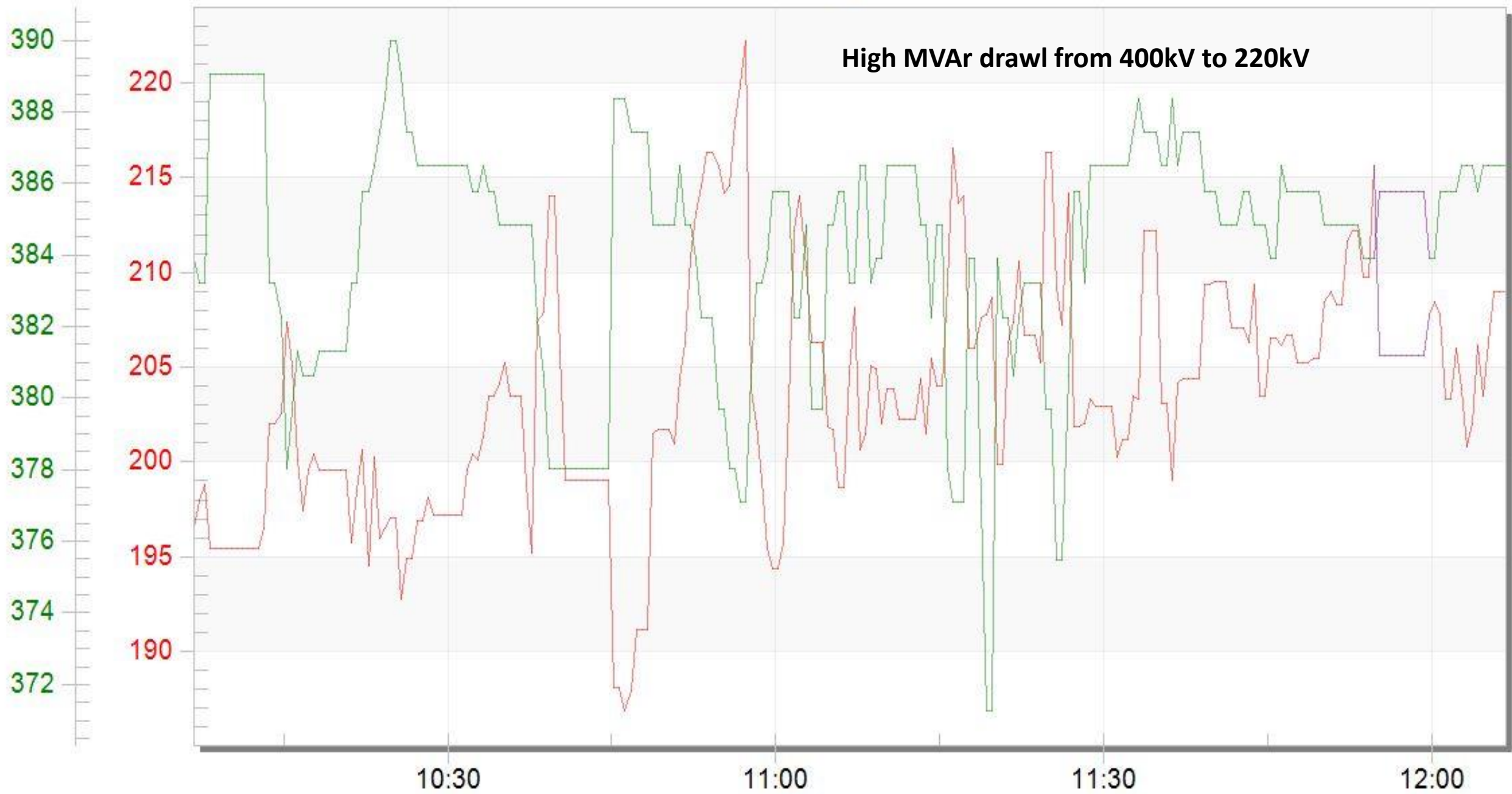
May 27 Fri 2022

Barmer ICTs MVAR Barmer Voltage



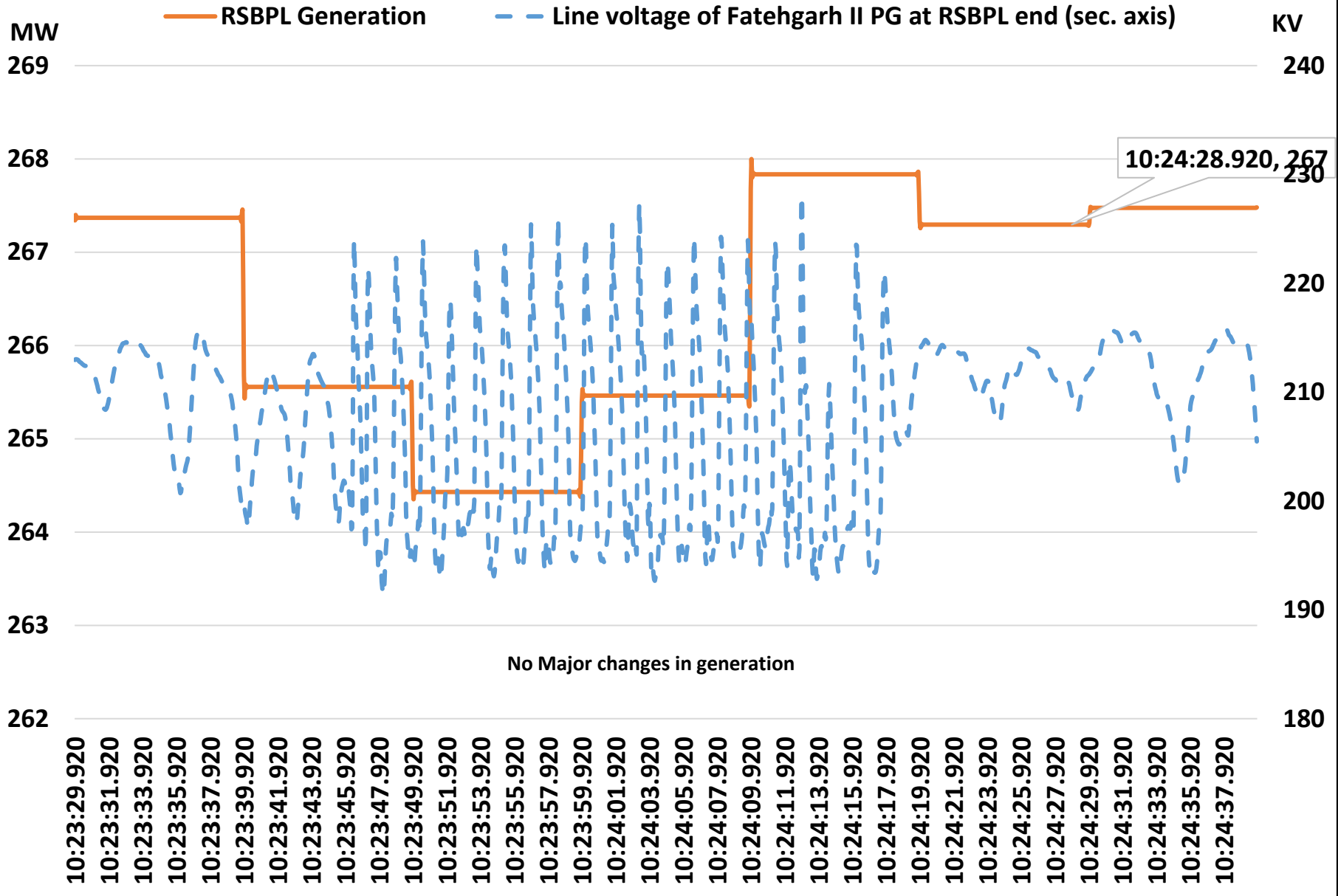
High MVAR draw from 400kV to 220kV

Jodhpur ICTs MVAR Jodhpur Voltage

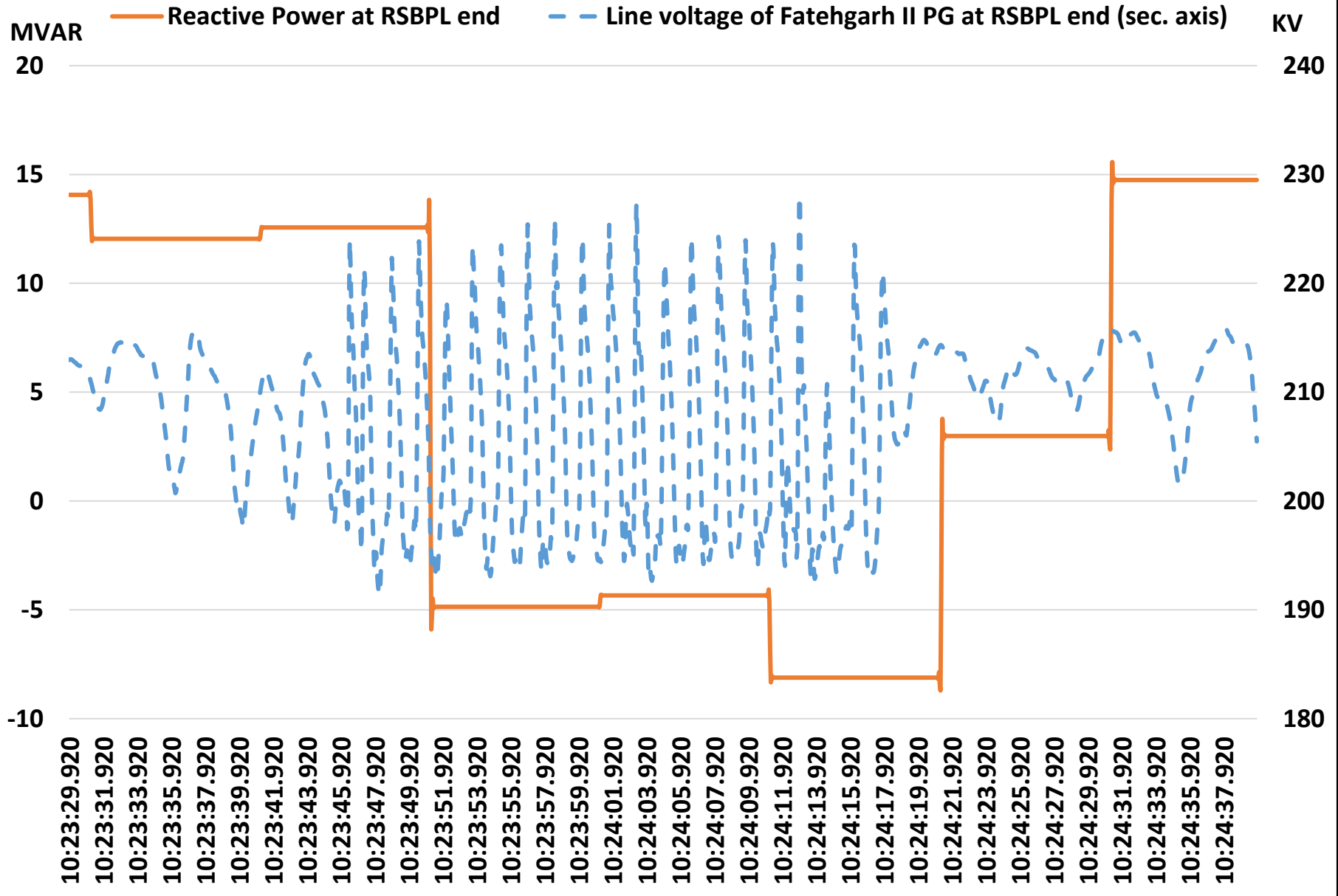


High MVAR drawl from 400kV to 220kV

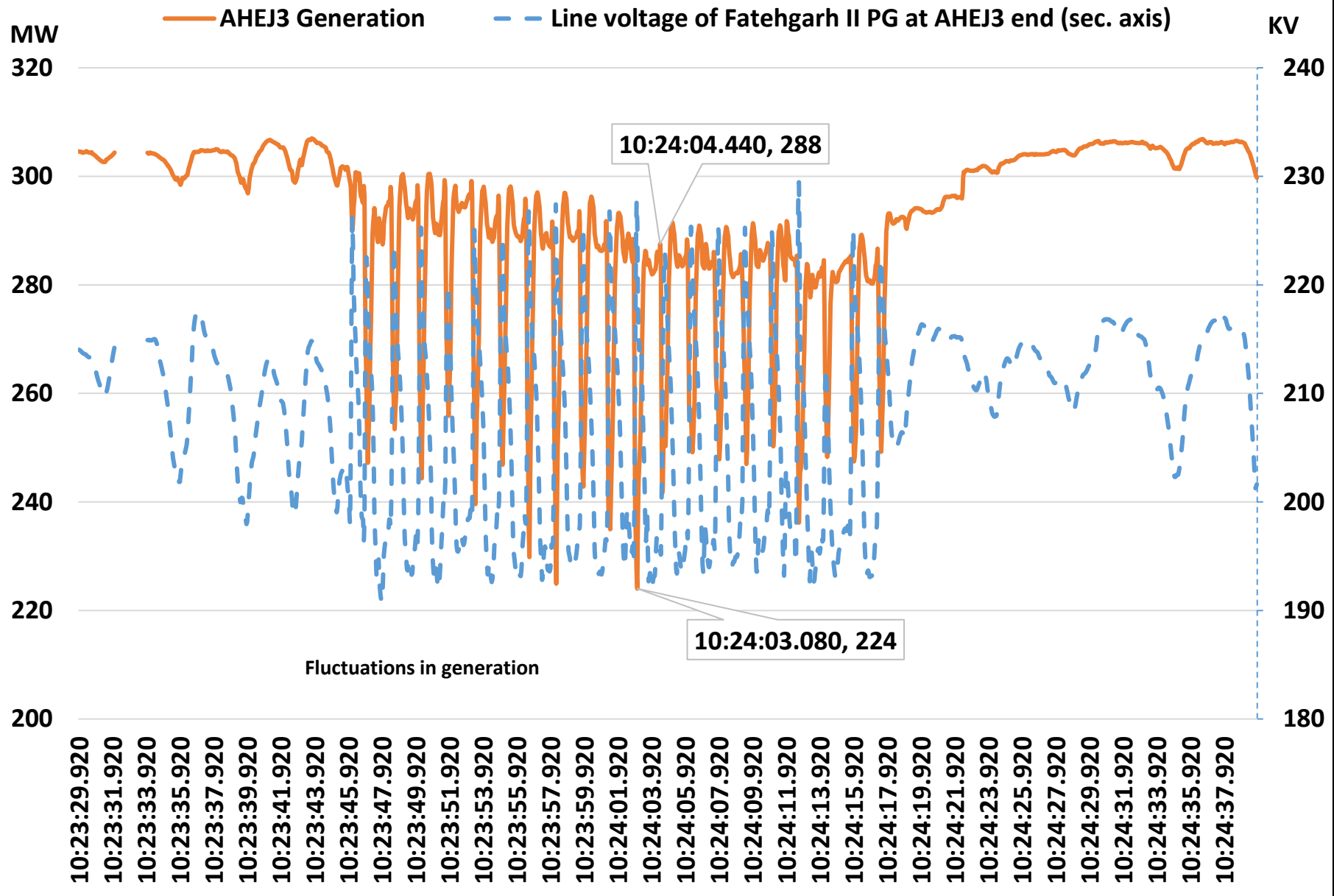
RE Generator Pooled at Fatehgarh II PG



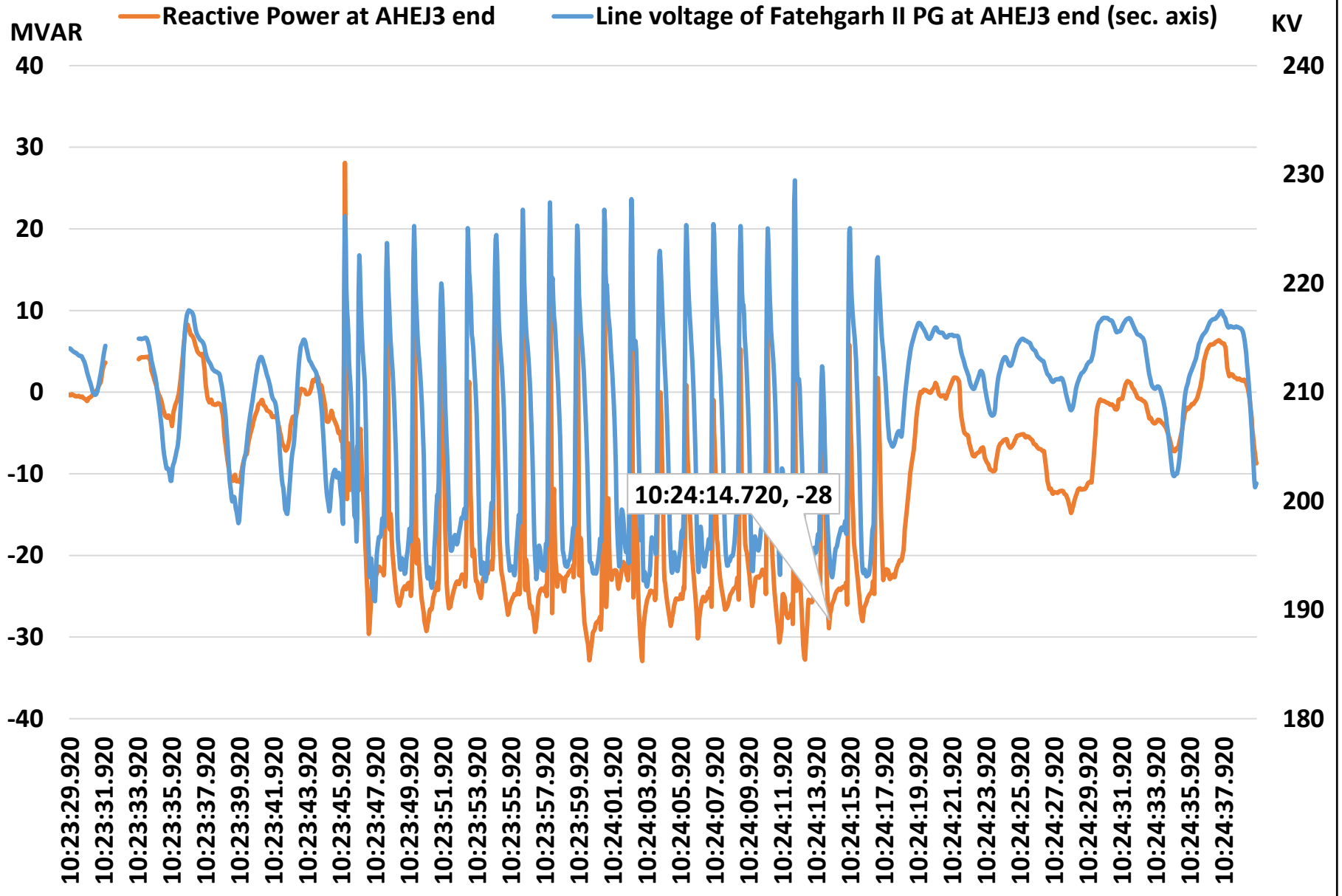
RE Generator Pooled at Fatehgarh II PG



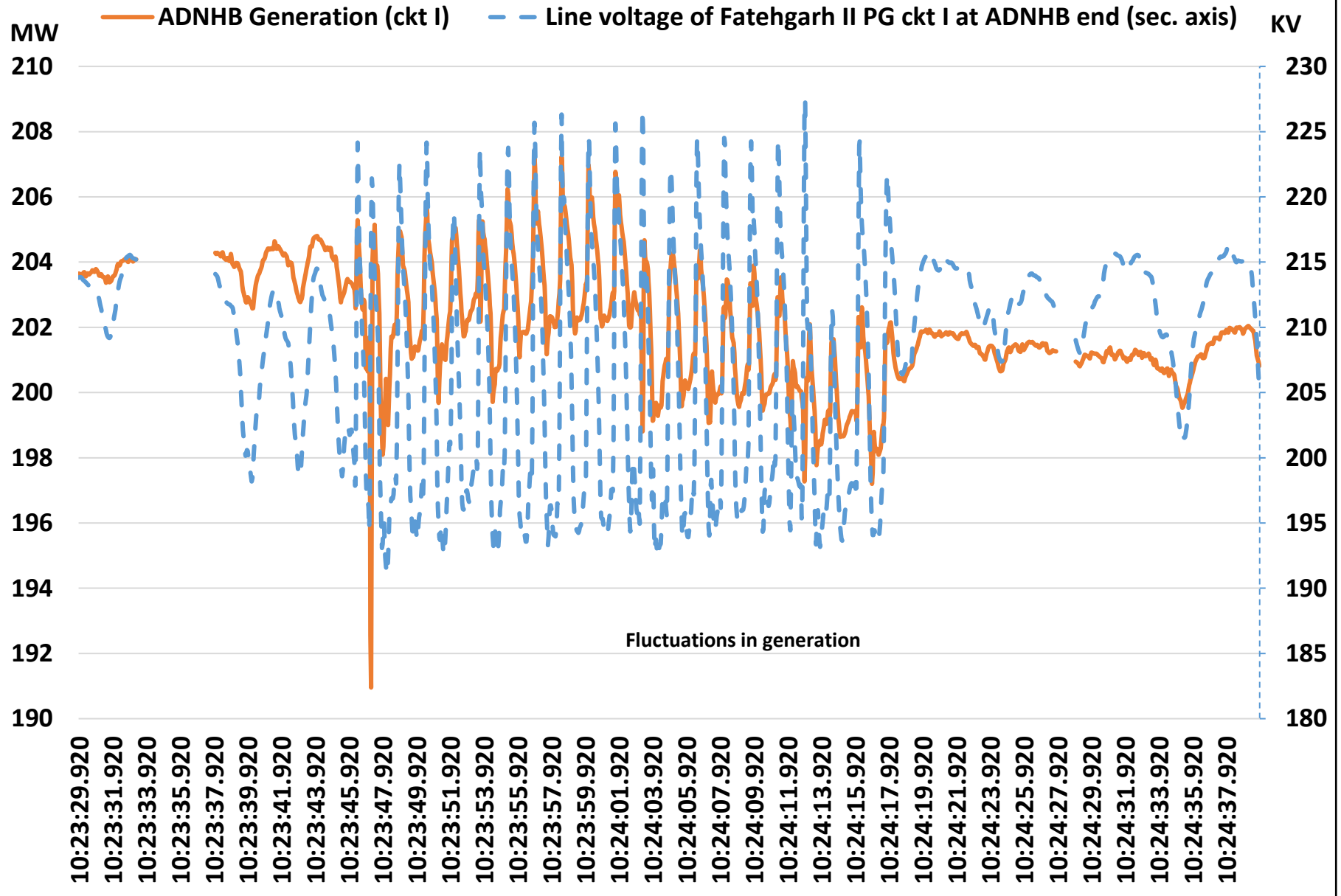
RE Generator Pooled at Fatehgarh II PG



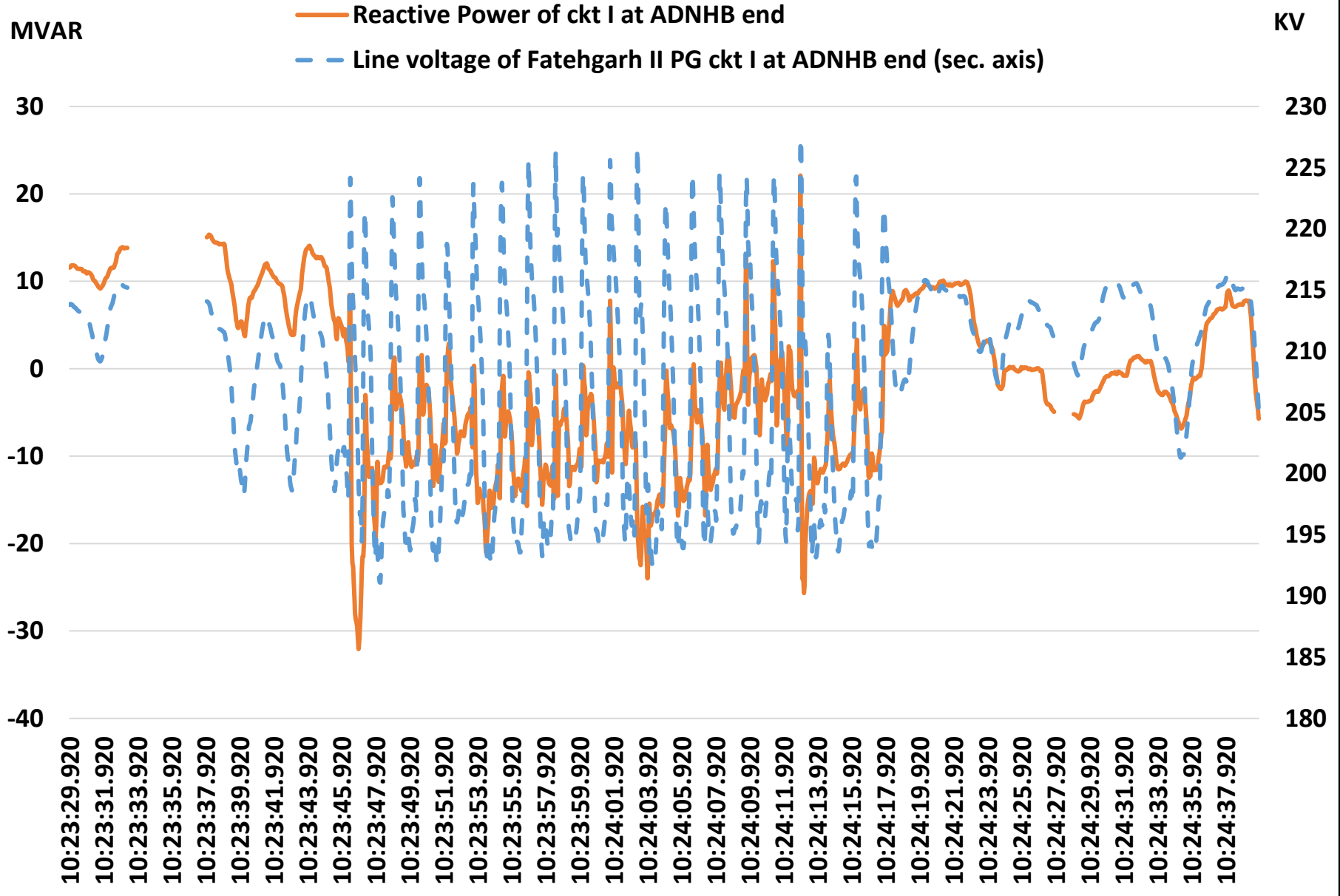
RE Generator Pooled at Fatehgarh II PG



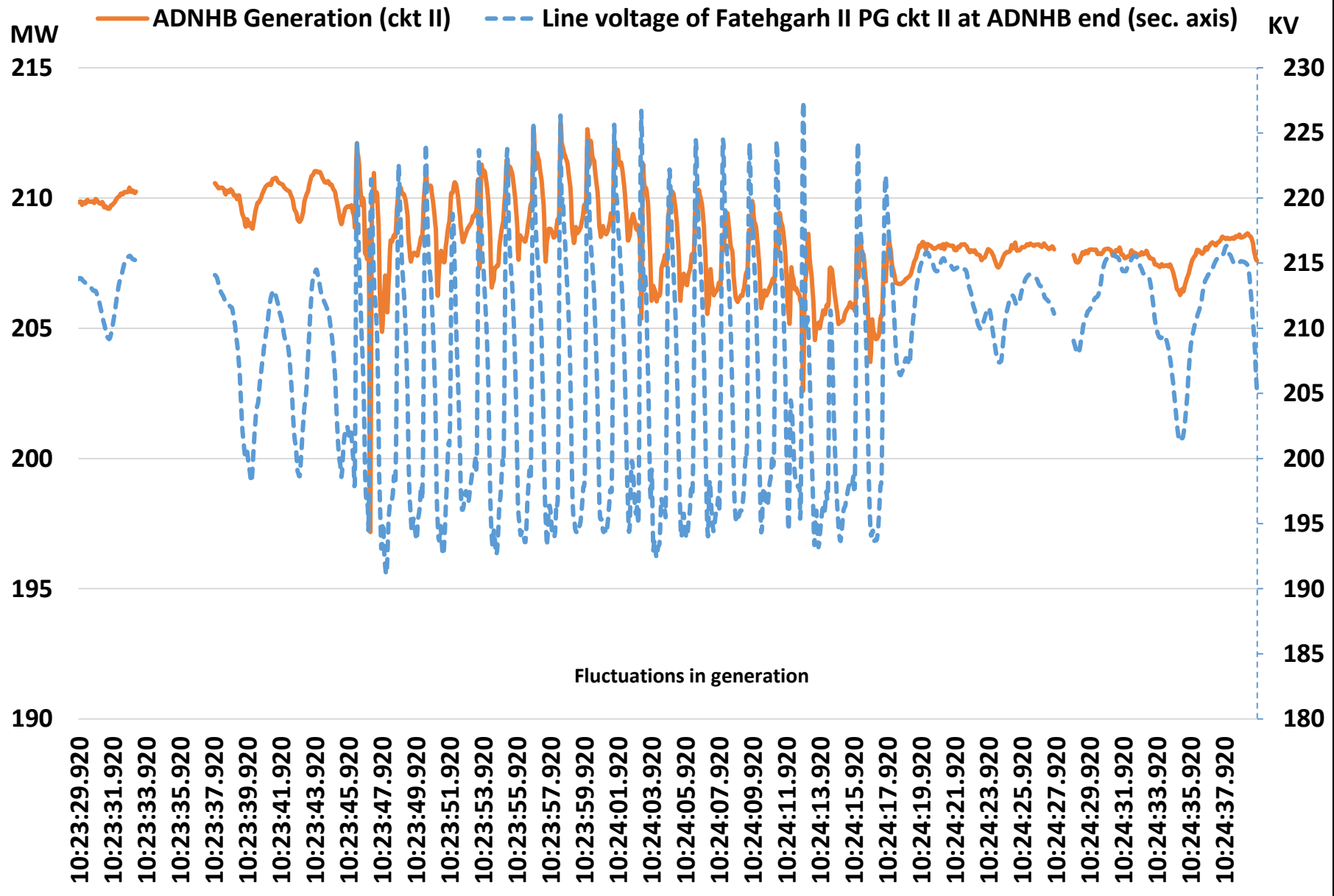
RE Generator Pooled at Fatehgarh II PG



RE Generator Pooled at Fatehgarh II PG



RE Generator Pooled at Fatehgarh II PG



RE Generator Pooled at Fatehgarh II PG

- Reactive Power of ckt II at ADNHB end
- - - Line voltage of Fatehgarh II PG ckt II at ADNHB end (sec. axis)

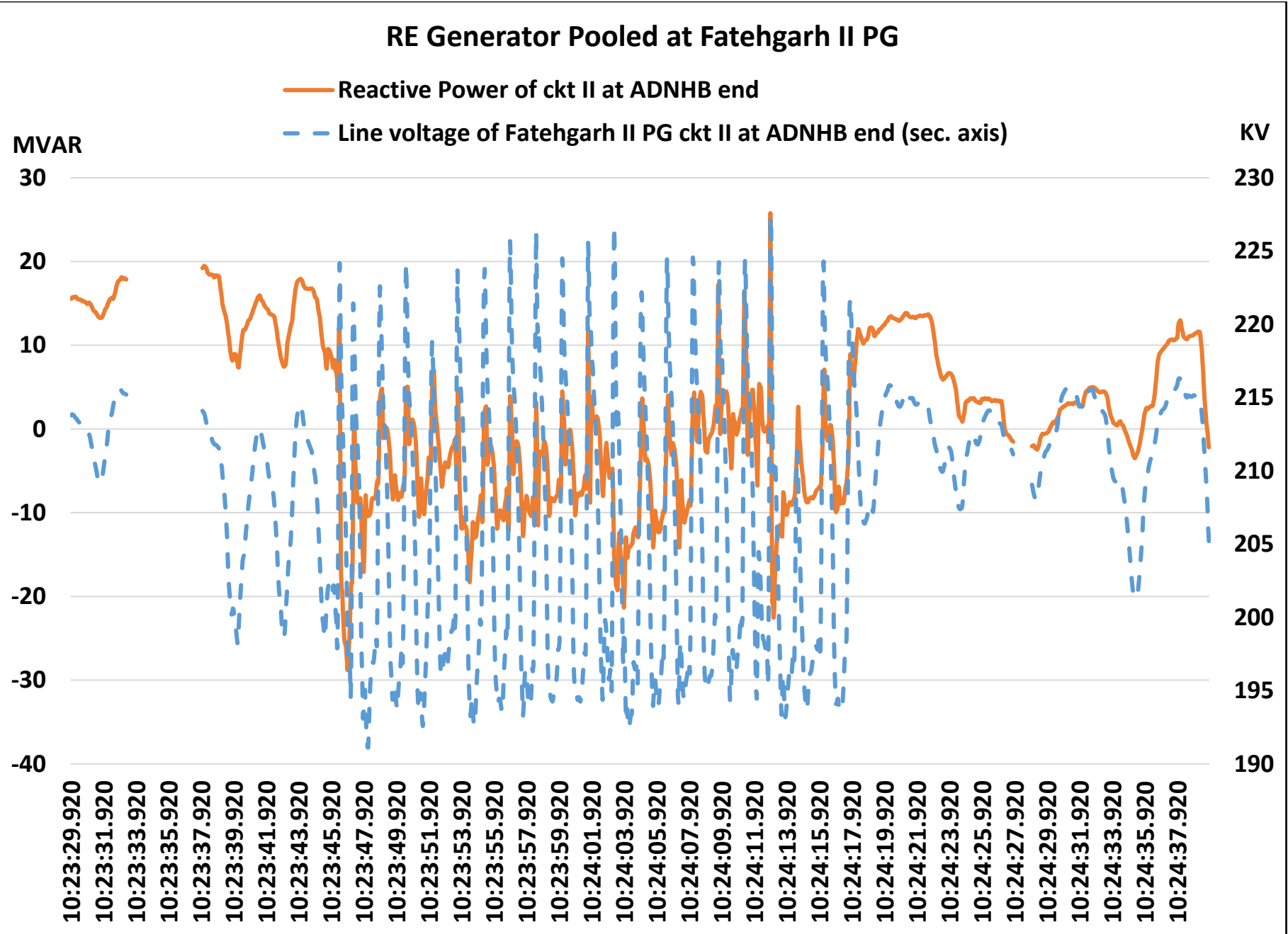
MVAR

30
20
10
0
-10
-20
-30
-40

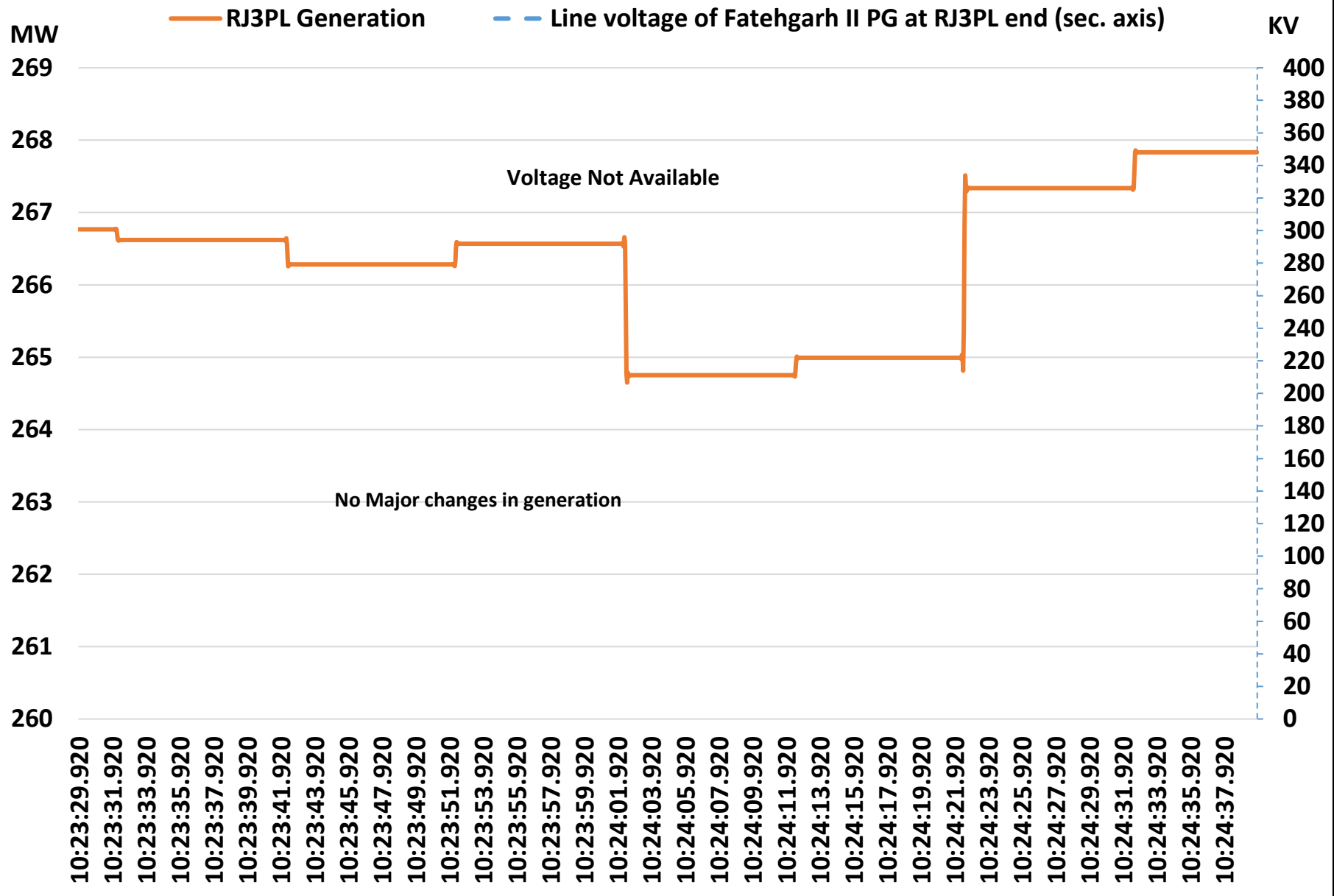
KV

230
225
220
215
210
205
195
190

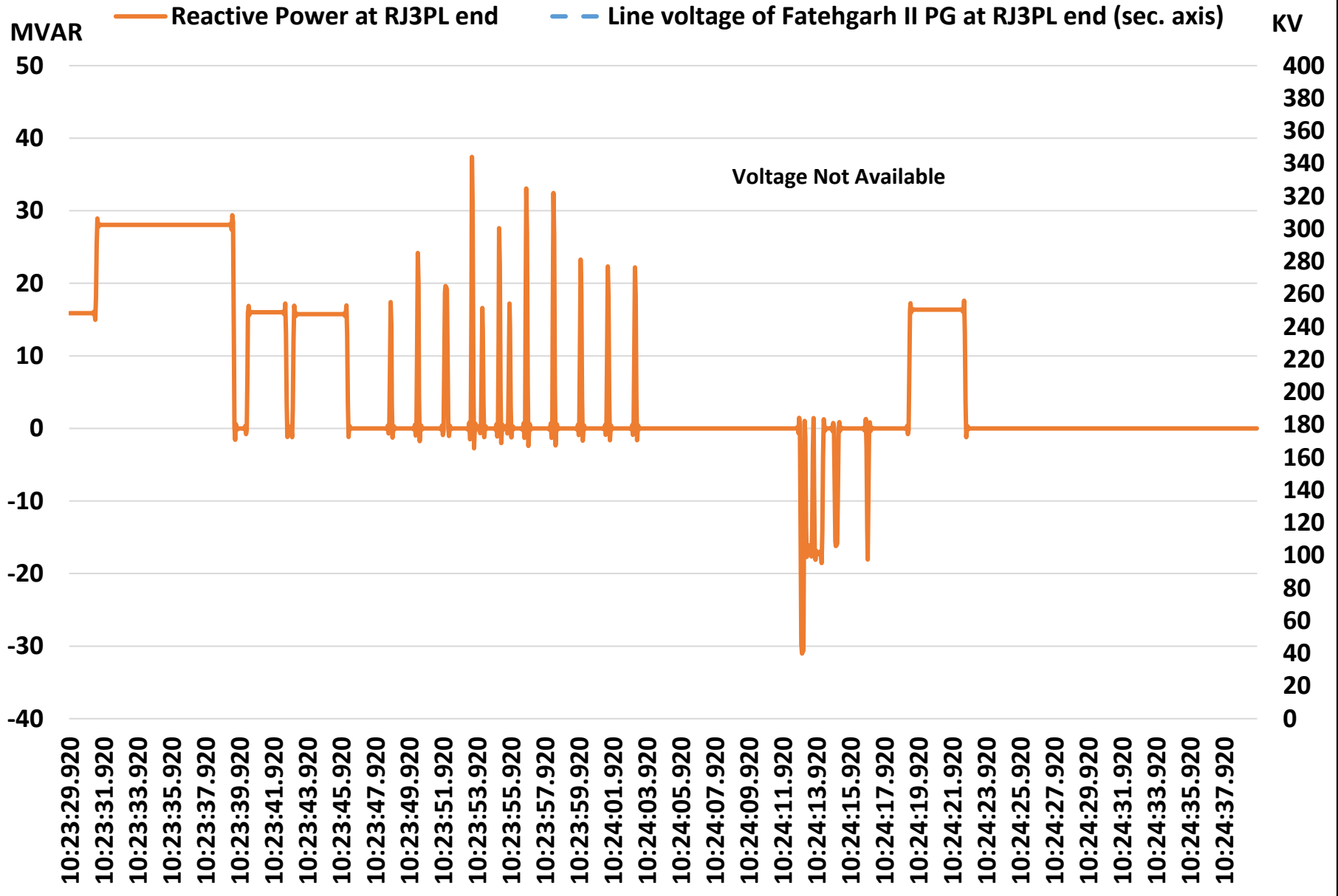
10:23:29.920
10:23:31.920
10:23:33.920
10:23:35.920
10:23:37.920
10:23:39.920
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10:23:43.920
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10:23:53.920
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10:23:57.920
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10:24:03.920
10:24:05.920
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10:24:11.920
10:24:13.920
10:24:15.920
10:24:17.920
10:24:19.920
10:24:21.920
10:24:23.920
10:24:25.920
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10:24:37.920



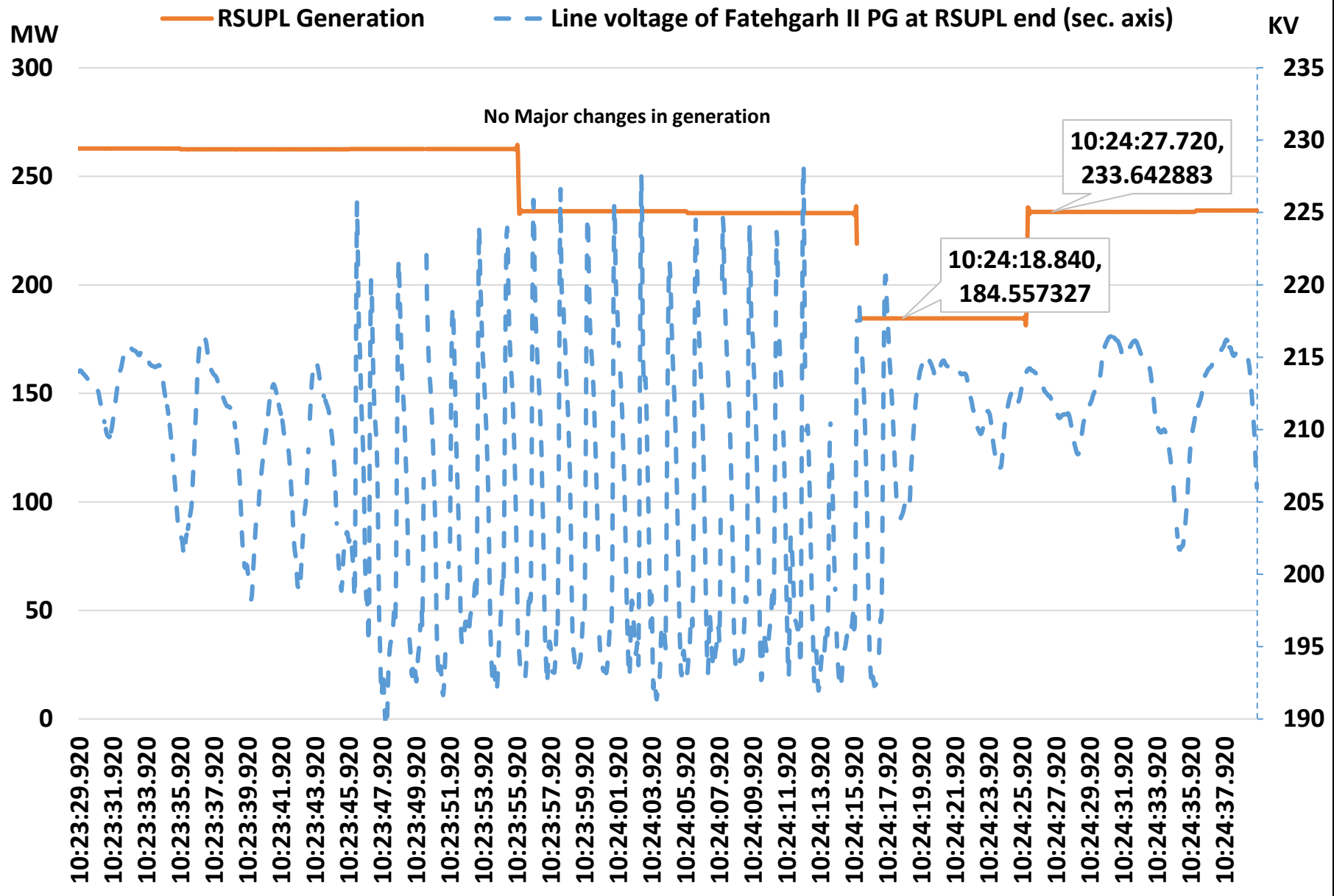
RE Generator Pooled at Fatehgarh II PG



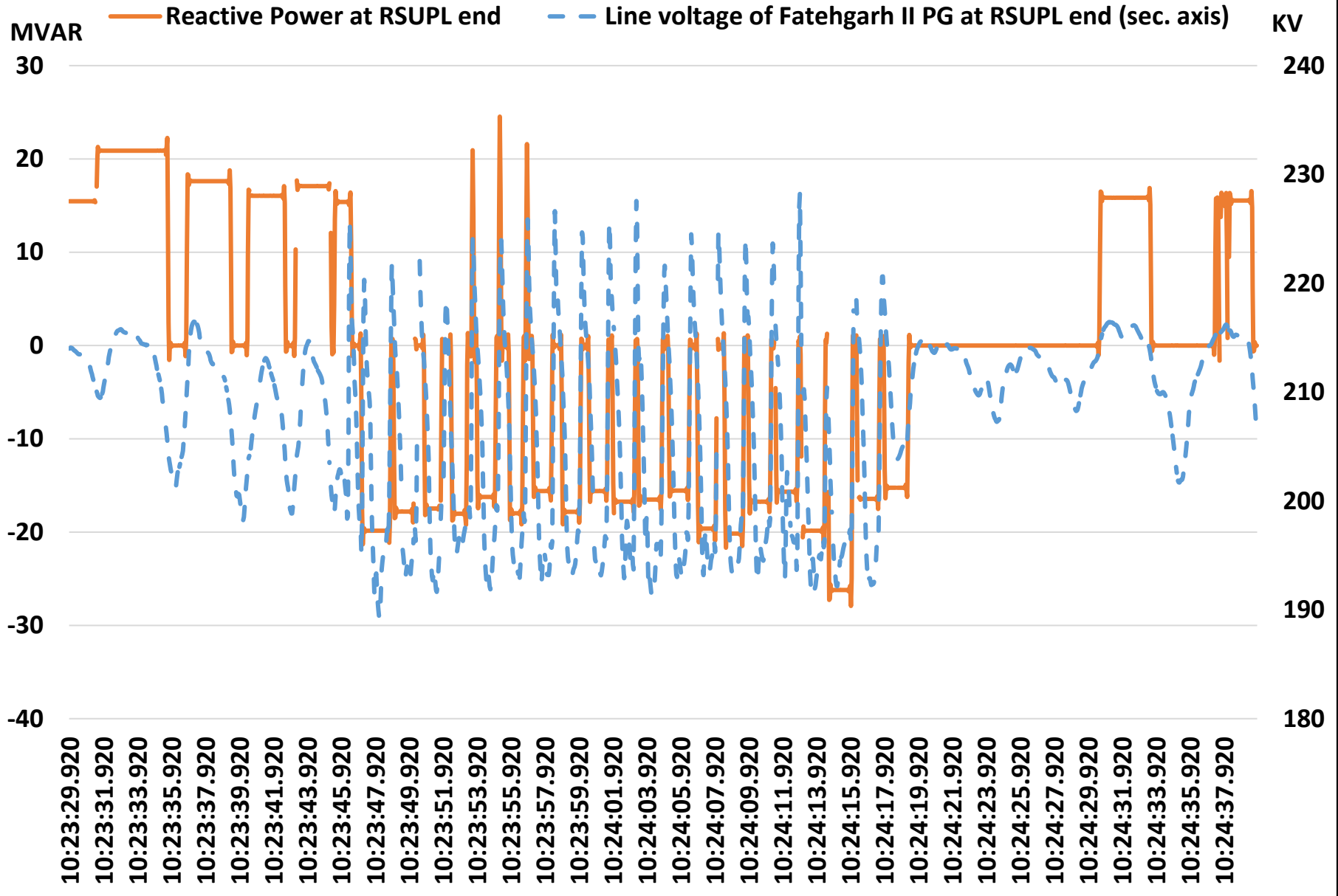
RE Generator Pooled at Fatehgarh II PG



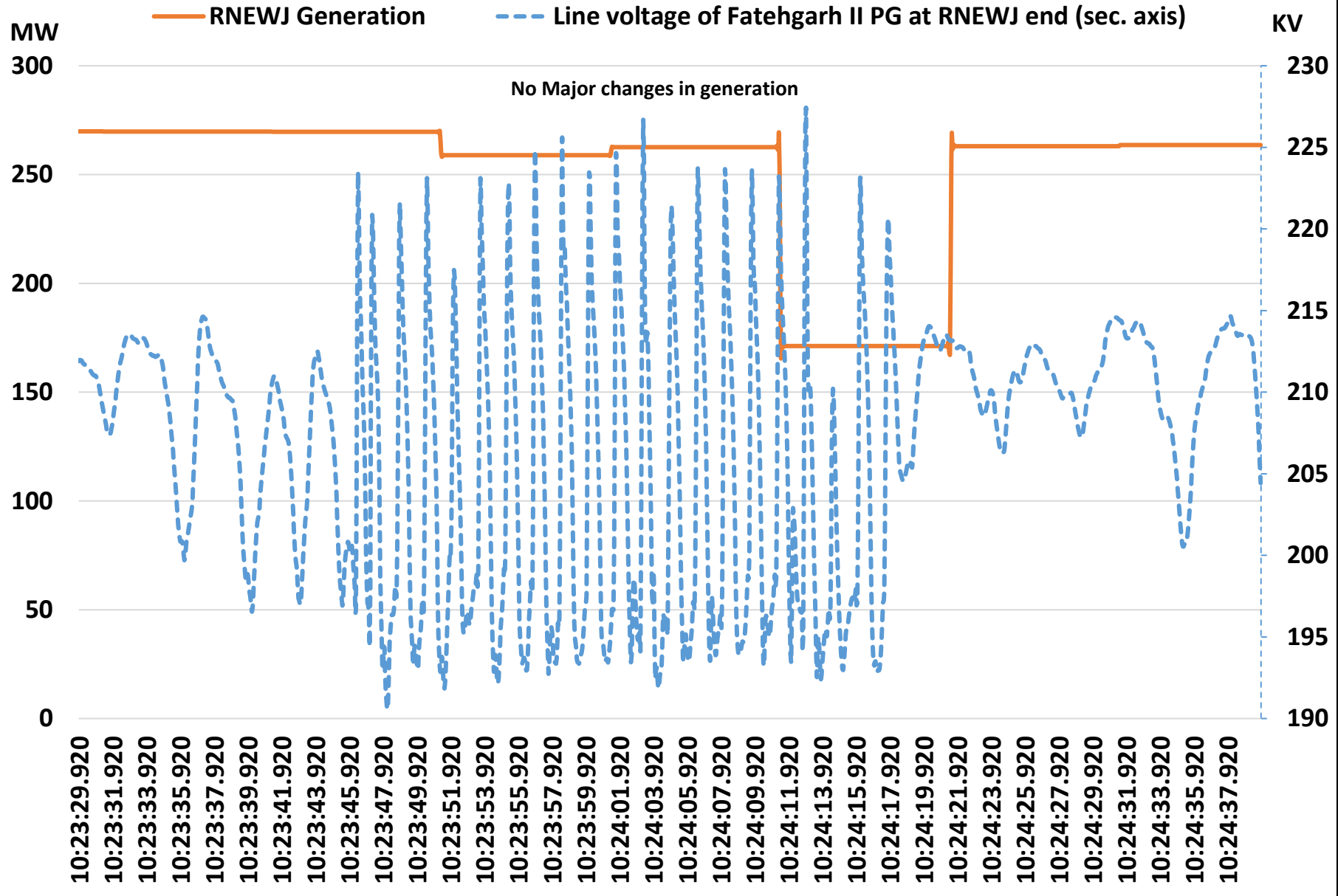
RE Generator Pooled at Fatehgarh II PG



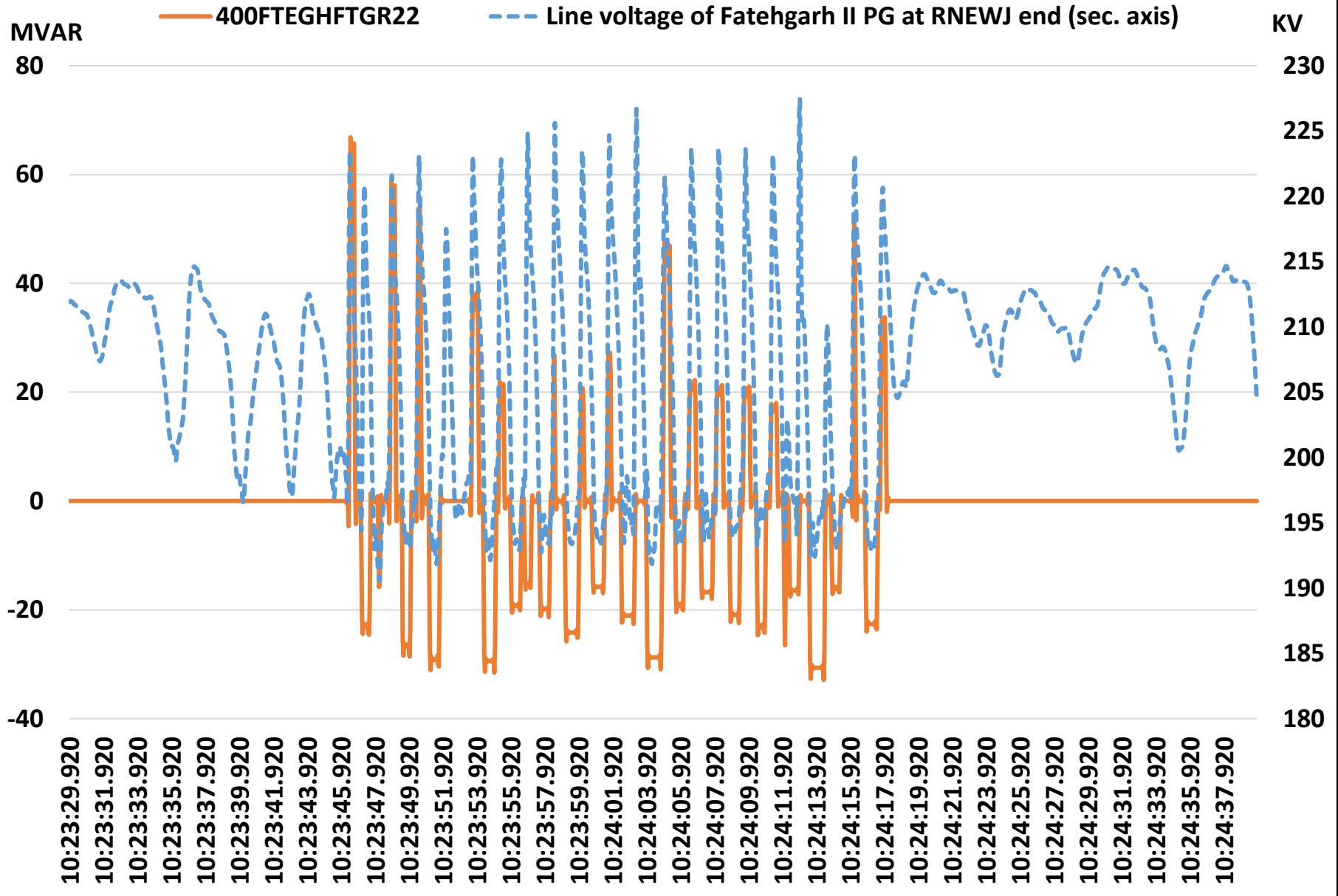
RE Generator Pooled at Fatehgarh II PG



RE Generator Pooled at Fatehgarh II PG



RE Generator Pooled at Fatehgarh II PG



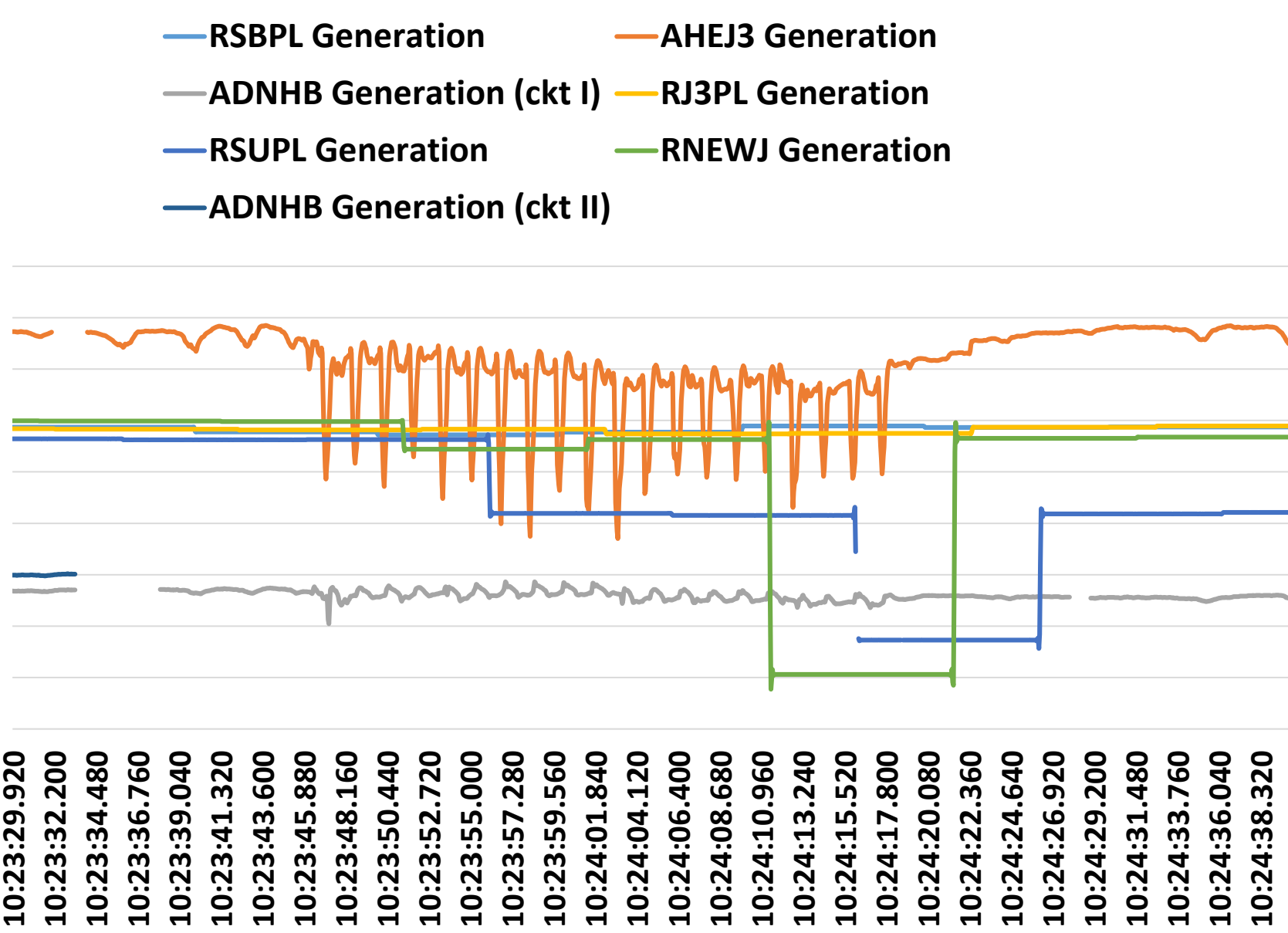
Active Power Generation

- RSBPL Generation
- ADNHB Generation (ckt I)
- RSUPL Generation
- ADNHB Generation (ckt II)
- AHEJ3 Generation
- RJ3PL Generation
- RNEWJ Generation

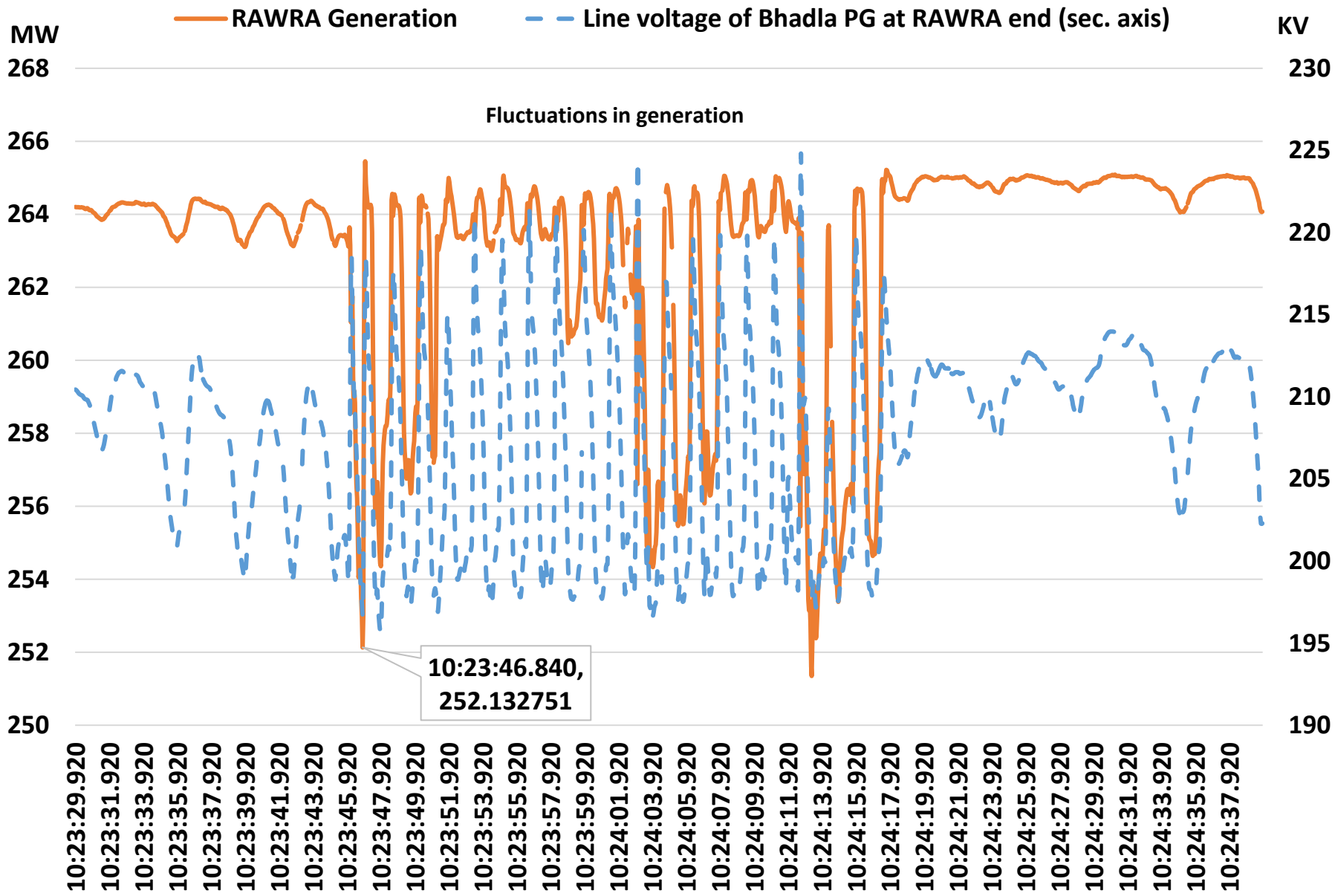
MW

330
310
290
270
250
230
210
190
170
150

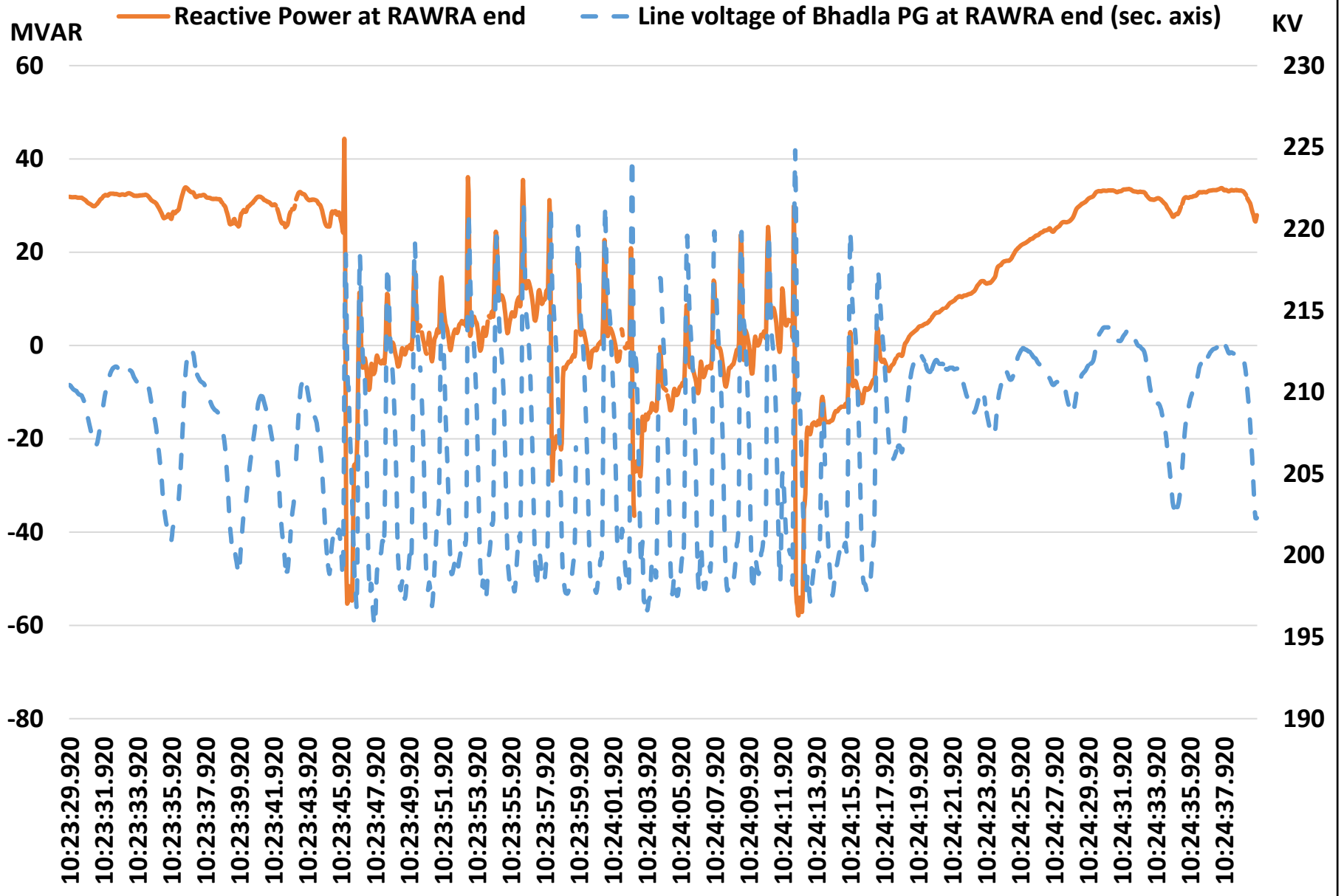
10:23:29.920
10:23:32.200
10:23:34.480
10:23:36.760
10:23:39.040
10:23:41.320
10:23:43.600
10:23:45.880
10:23:48.160
10:23:50.440
10:23:52.720
10:23:55.000
10:23:57.280
10:23:59.560
10:24:01.840
10:24:04.120
10:24:06.400
10:24:08.680
10:24:10.960
10:24:13.240
10:24:15.520
10:24:17.800
10:24:20.080
10:24:22.360
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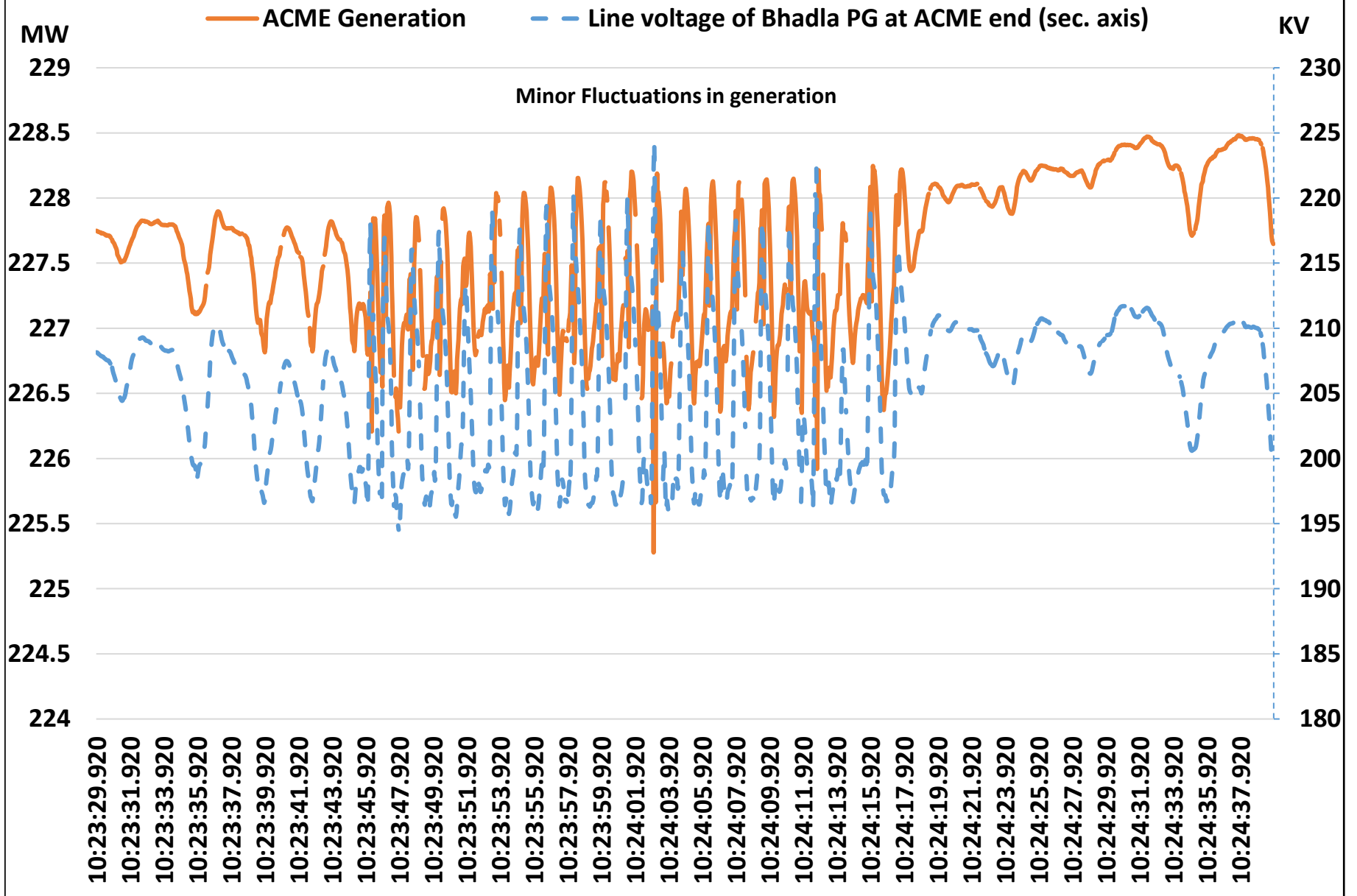
RE Generator Pooled at Bhadla PG



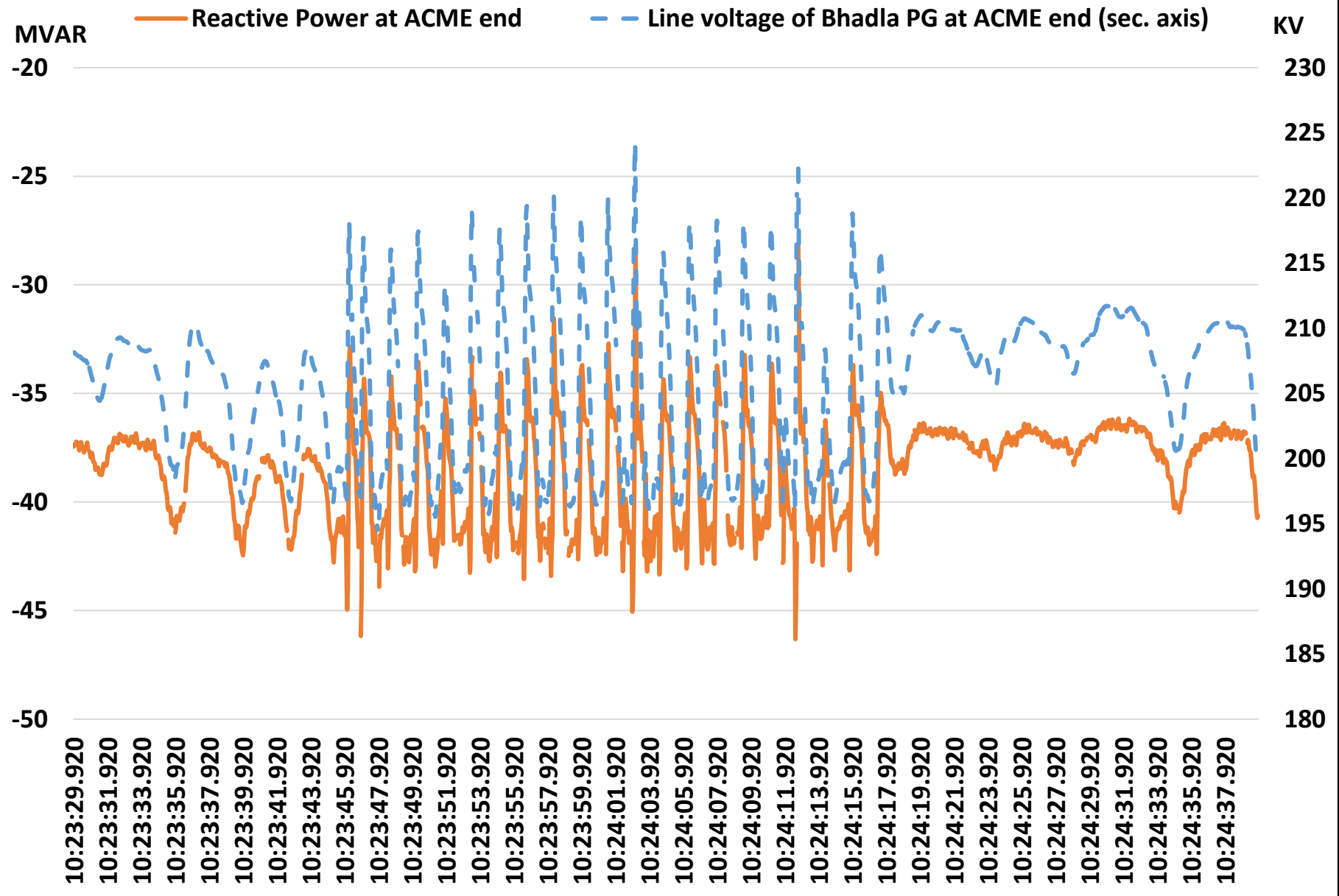
RE Generator Pooled at Bhadla PG



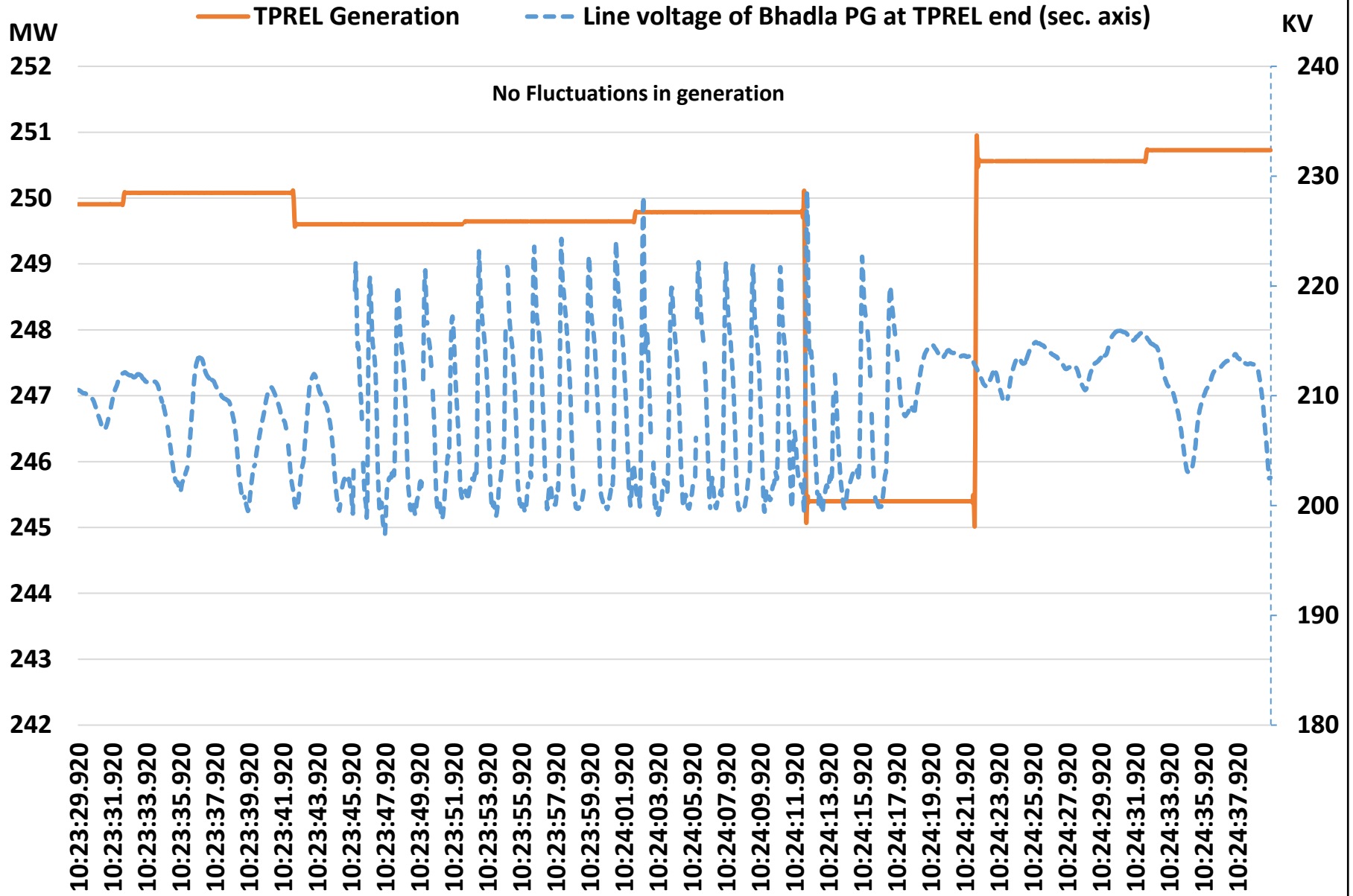
RE Generator Pooled at Bhadla PG



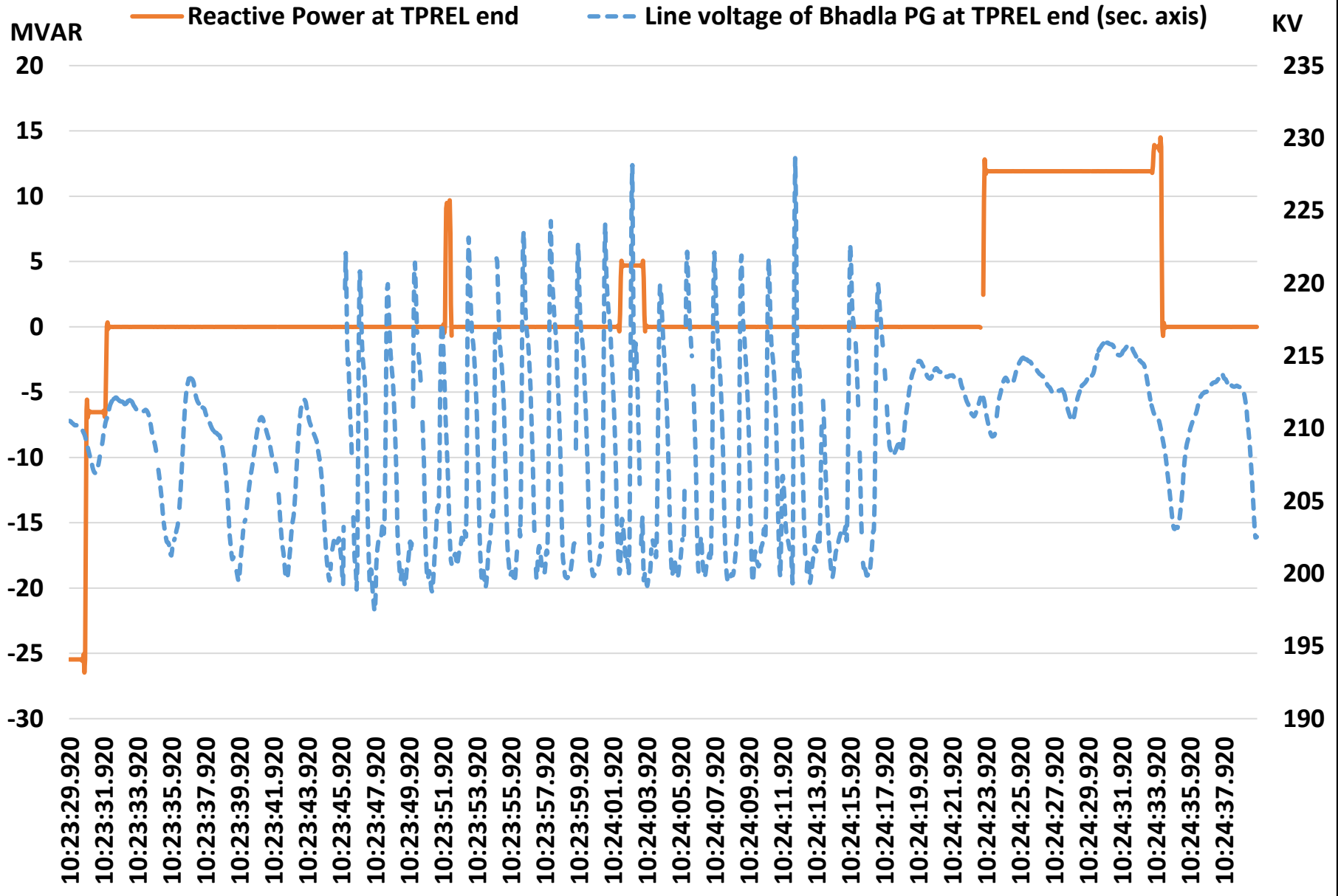
RE Generator Pooled at Bhadla PG



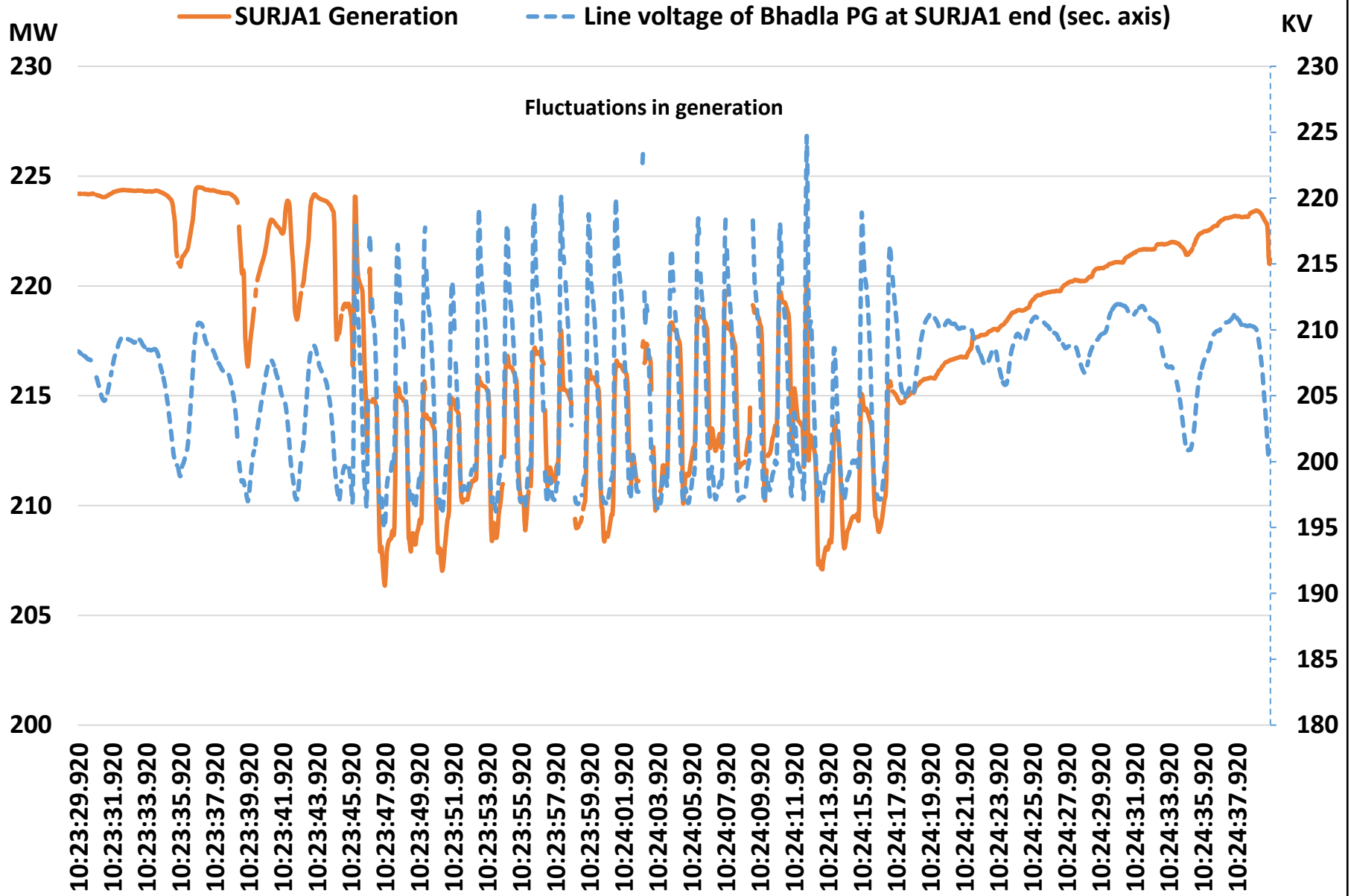
RE Generator Pooled at Bhadla PG



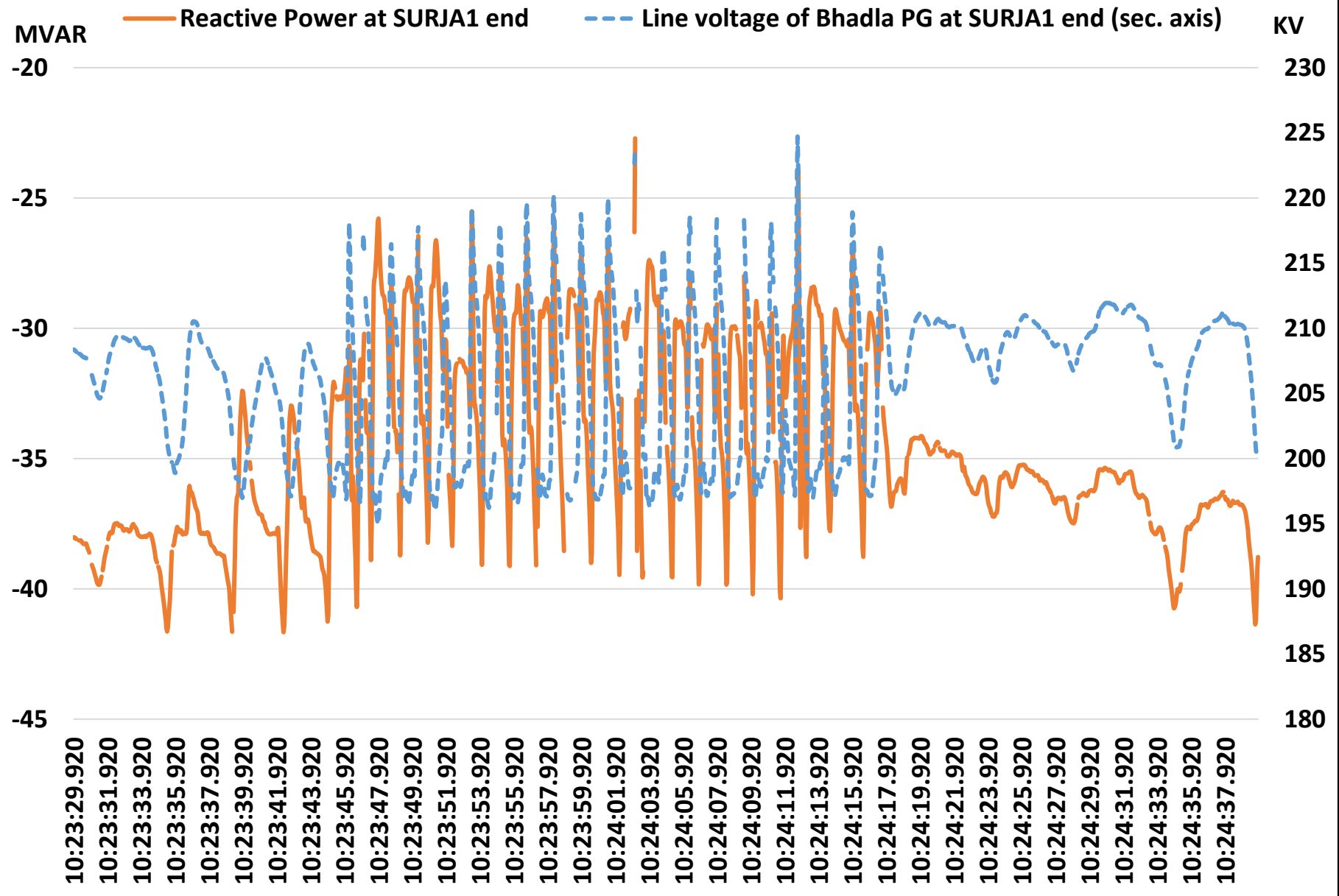
RE Generator Pooled at Bhadla PG



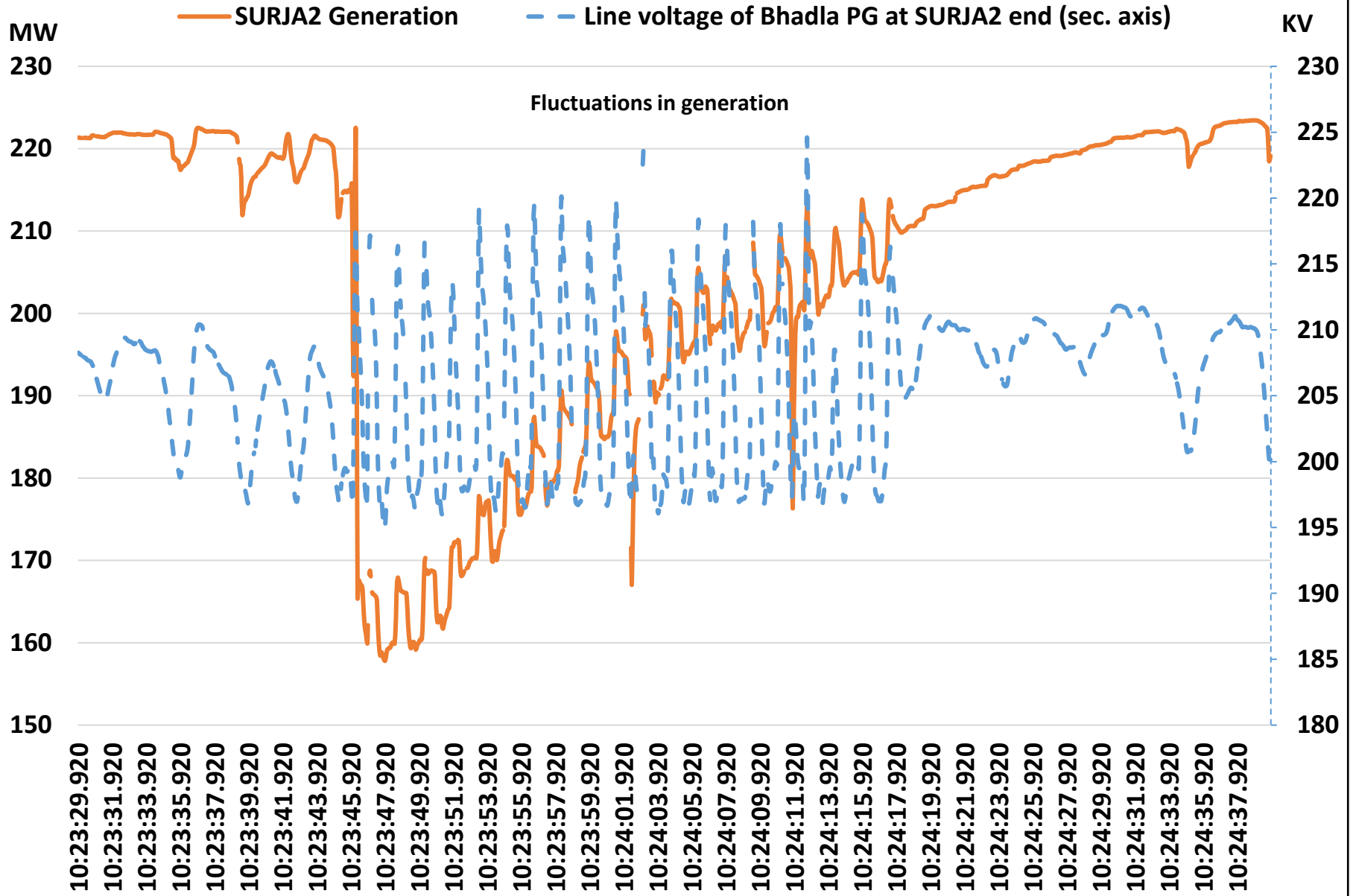
RE Generator Pooled at Bhadla PG



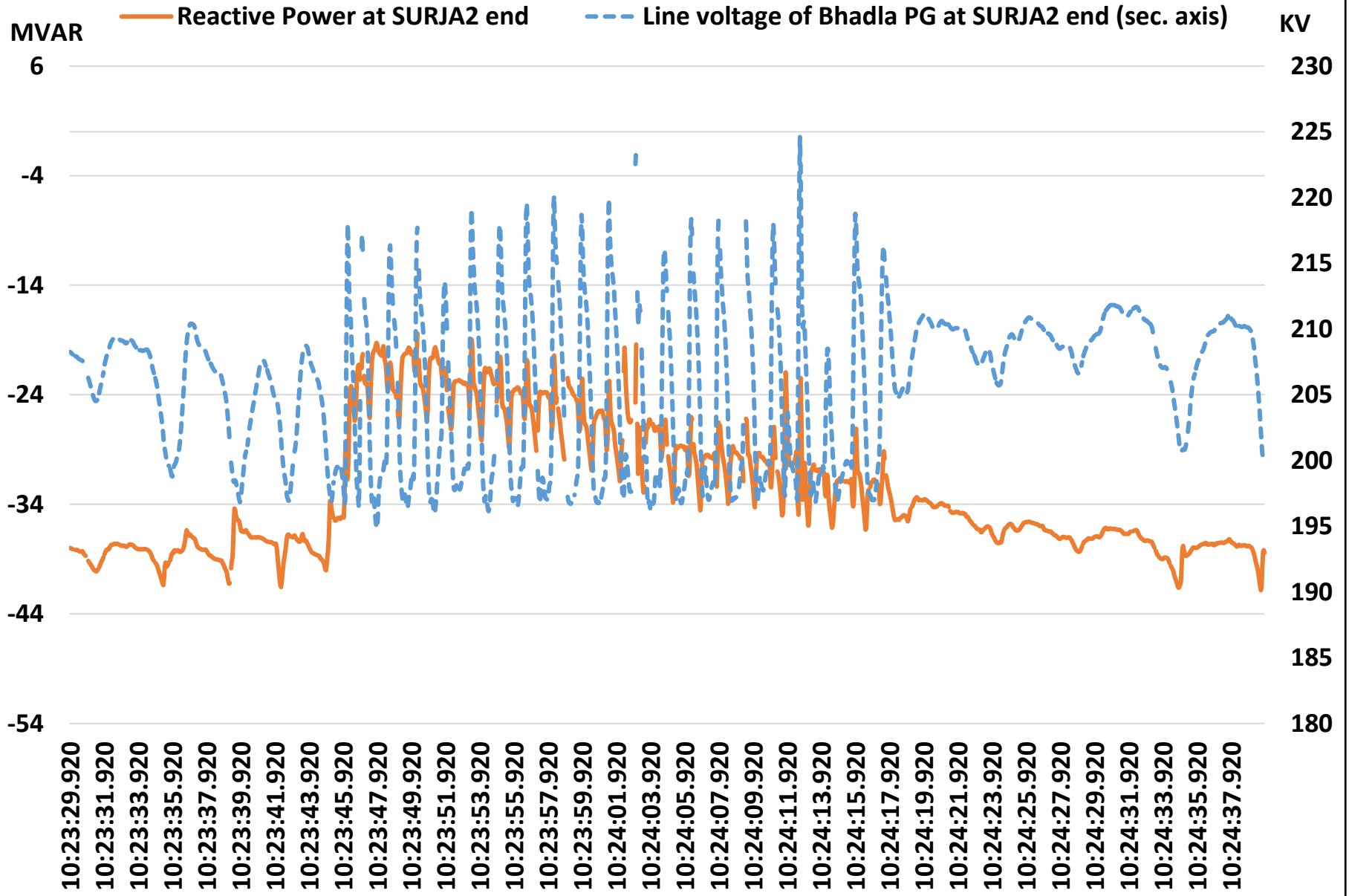
RE Generator Pooled at Bhadla PG



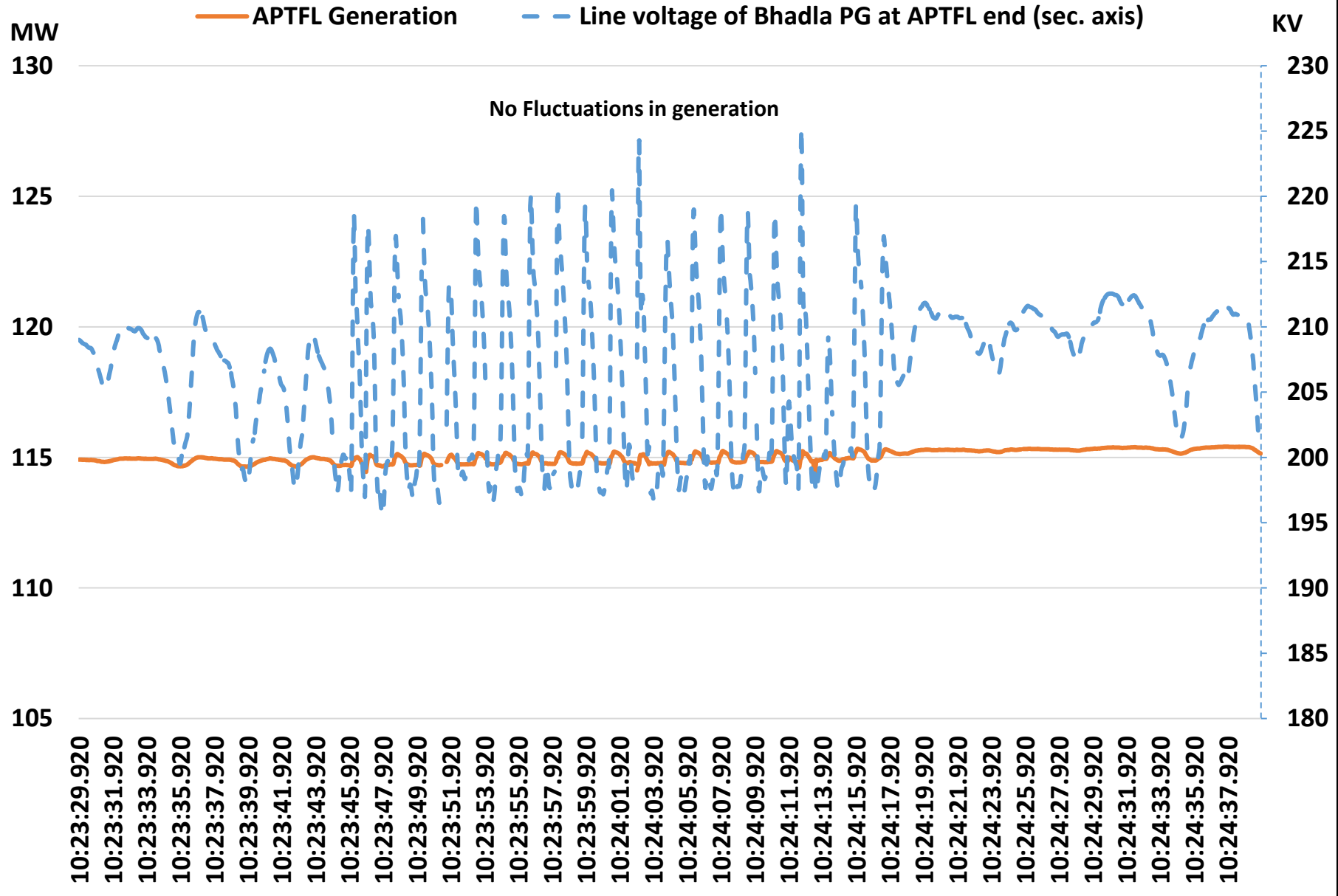
RE Generator Pooled at Bhadla PG



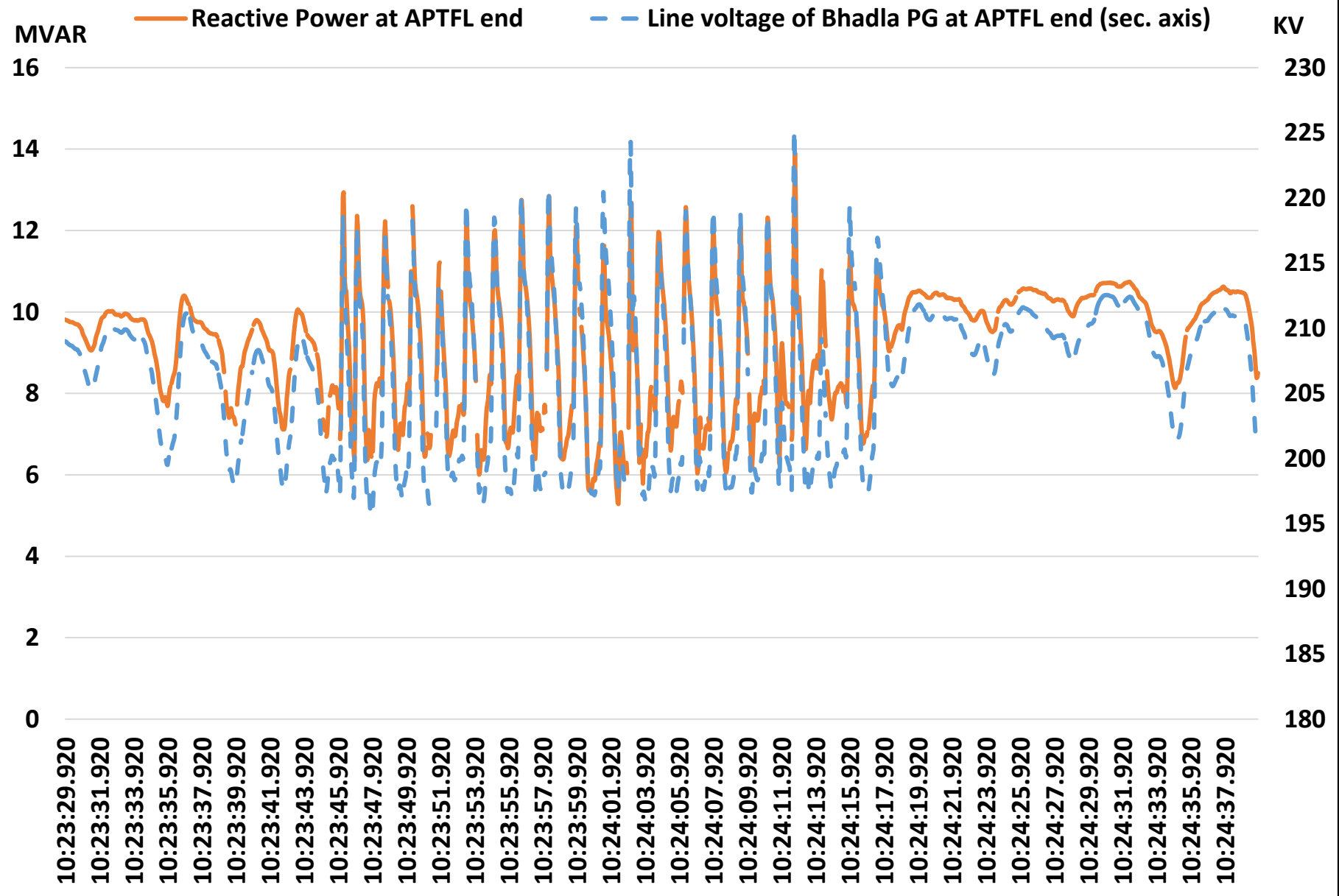
RE Generator Pooled at Bhadla PG



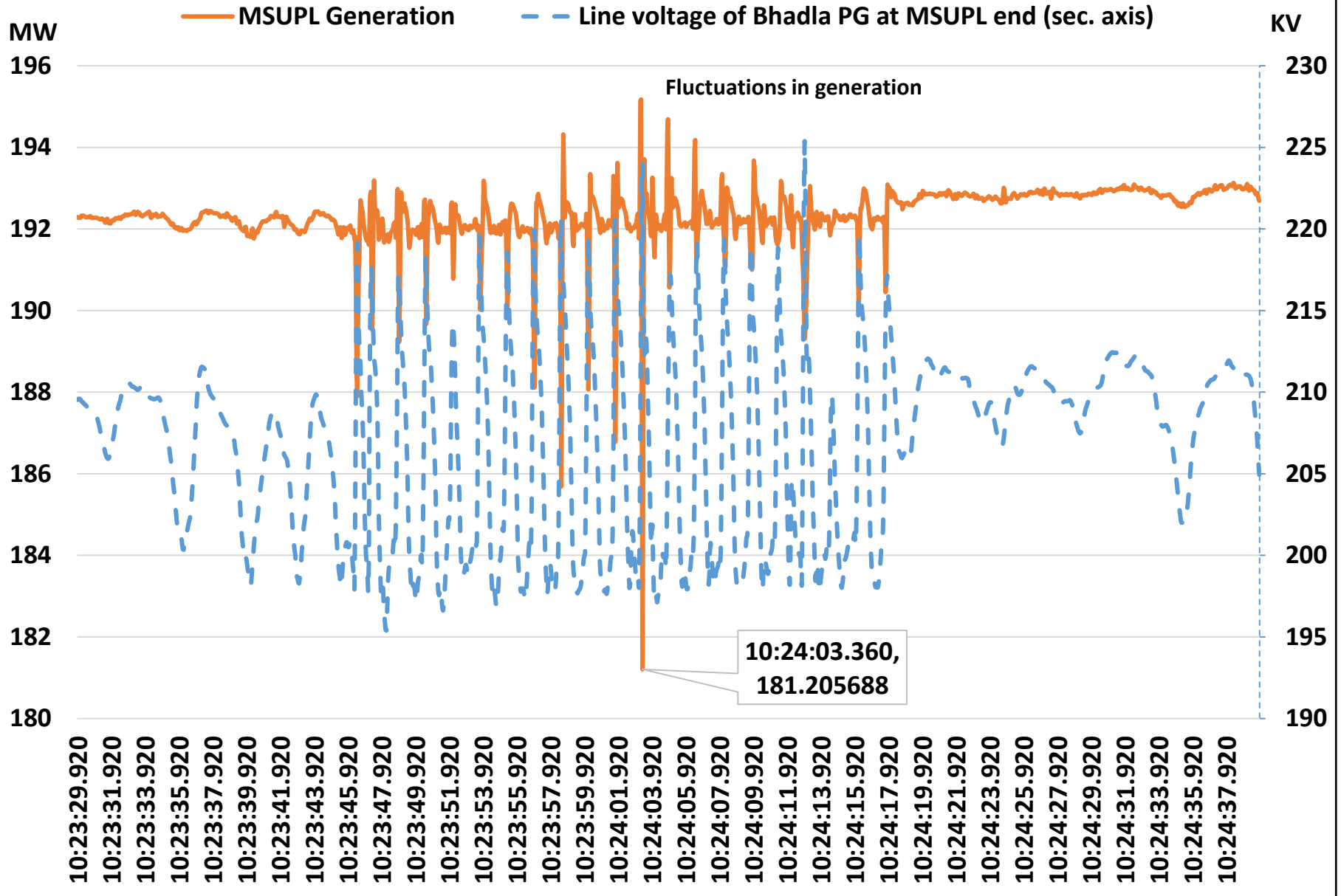
RE Generator Pooled at Bhadla PG



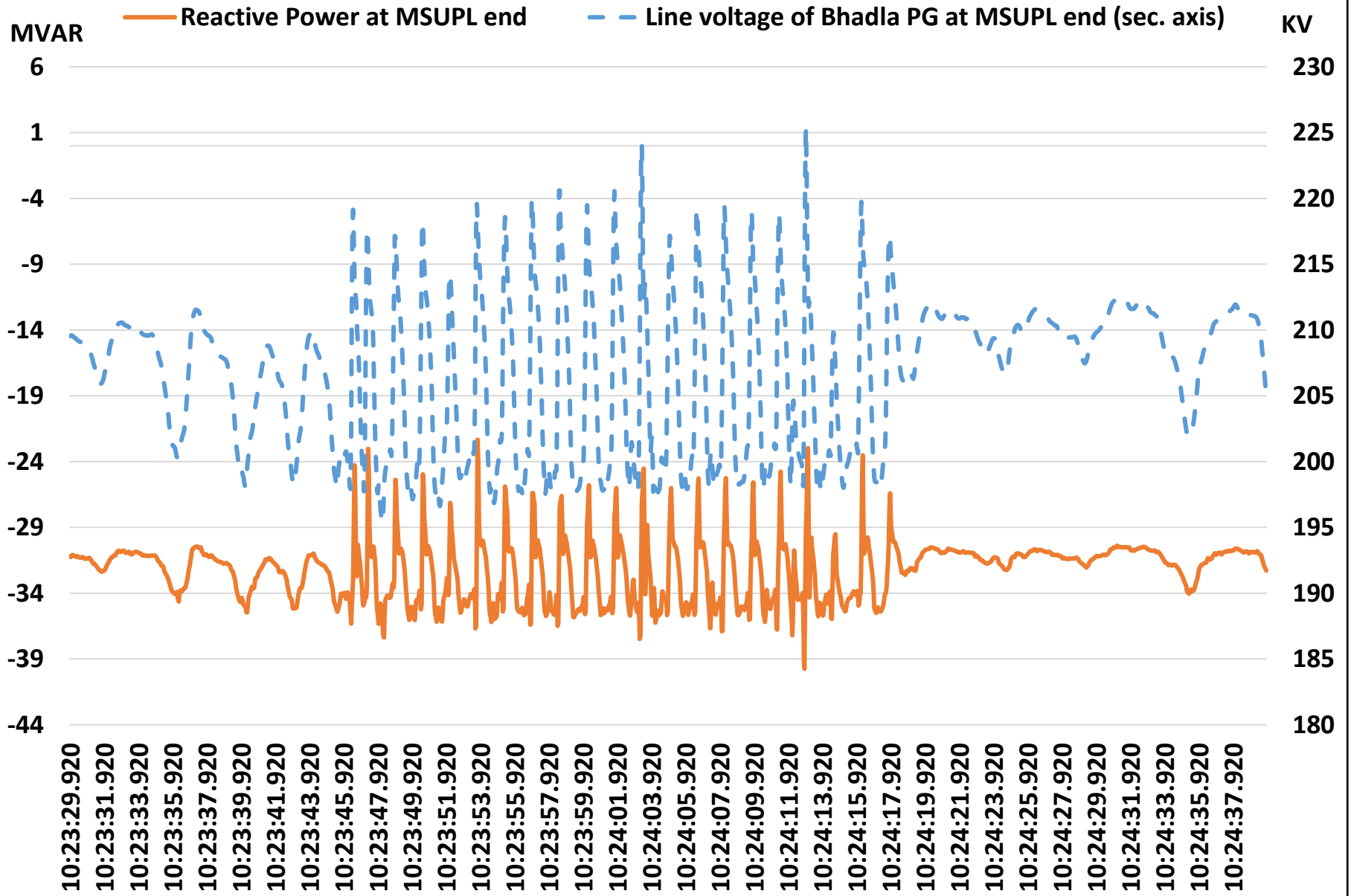
RE Generator Pooled at Bhadla PG



RE Generator Pooled at Bhadla PG



RE Generator Pooled at Bhadla PG



Active Power Generation

