

01/27/2026

Subject: Bidding Upload Download (BUD) System

Statement: This technical bulletin (“TB”) communicates key procedures for using the new Bidding Upload Download (“BUD”) System, including endpoints, upload/download operations, and important notes for Market Participants (“MP”).

Details:

System Overview

To strengthen data security during transit, a multi-year upgrade project for the NYISO’s Marketplace Bidding & Scheduling (MIS) and Joint Energy Scheduling System (“JESS”) has been initiated in 2024 and is in progress. The Bidding Upload Download (“BUD”) system is being enhanced to support bulk submission of energy and transaction bids with improved authentication and authorization. The upload functionality is restricted to loads and transactions only, whereas the download functionality is available for transactions, loads, and generators.

Note: Generator bid upload functionality (POST) is under development and targeted for release in Q2 2026.

Accessing the BUD System

Prerequisites:

- Ensure Java version 8 or higher is installed.
- Obtain access credentials and a valid certificate for the NYISO Marketplace.

Access Options:

- JSON-Compatible Systems: If your system can use JSON files, access the BUD system directly via a web browser at:

<https://updown-api.nyiso.com/updown/api/v1>

- CSV-Compatible Systems: If your system only supports CSV files, you can use the UpDown Converter Tool (via Postman or a similar API client) to convert CSV to JSON during the transition. The UpDown Converter Tool, along with setup and usage instructions, is available on the Market Access Login page under the Bidding Upload Download System section. Please note that this converter tool is intended only to assist during the transition period and will not be supported once the old system has been retired.

Bidding Upload and Download Transactions

Market Participants use bidding upload transactions to submit bid data and bidding download transactions to retrieve bid and schedule data from the BUD system. Both processes, previously handled through CSV templates and batch procedures, now use a JSON-based approach. Participants format requests according to the defined JSON schema, transmit them to the BUD system, and receive JSON responses containing either validation results or requested data.

Instructions for processing these transactions are provided below.

Upload Operations (POST)

Endpoint References

New Endpoint	Method	Old Template
load-bid	POST	LOAD BID
delete-load-bid	POST	DELETE_LOAD_BID
tran-bid	POST	TRAN BID
confirm-tran-bid	POST	CONFIRM_TRAN_BID
delete-tran-bid	POST	DELETE_TRAN_BID

General Process:

- Prepare bid data (generator, load, or transaction) in JSON format according to the defined schema.
- Submit the JSON payload to the BUD system via a web browser at: <https://updown-api.nyiso.com/updown/api/v1>
- The system validates the data and returns a JSON response indicating status (success, failure, or errors).

For CSV Users:

- Convert CSV to JSON using the UpdownConverter tool
- Enter the CSV file path when prompted.
- Copy the JSON output.
- Prepare the POST request:

- For Load Bids:

```
POST https://updown-api.nyiso.com/updown/api/v1/load-bid
```

- For Transaction Bids:

```
POST https://updown-api.nyiso.com/updown/api/v1/tran-bid
```

- Paste the JSON into the request body and send.

Example JSON Structures

Load Bid:

```
{
  "submissionParameters": {
    "requestType": "LOAD_BID",
    "doCommit": true,
    "processUnidentifiedBids": true
  },
  "submitLoadBids": [
    {
      "ptid": 123456,
      "bidDate": "2024-11-30T00:00-05:00",
      "forecastMw": 300.0,
      "fixedBidMw": 300.0,
      "priceCap1Mw": 350.0,
      "priceCap1MwDollar": 20.0,
      "priceCap2Mw": 450.0,
      "priceCap2MwDollar": 25.0,
      "interruptFixedMwDollar": 250.0,
      "interruptPriceCapMw": 10.0,
      "interruptPriceCapMwDollar": 400.0
    }
  ]
}
// Additional bid objects as needed
```

```
]
}
```

Transaction Bid:

```
{
  "submissionParameters": {
    "requestType": "TRAN_BID",
    "doCommit": true,
    "processUnidentifiedBids": true
  },
  "submitTransactionBids": [
    {
      "bidDate": "2025-10-04T04:00-04:00",
      "sourcePtid": "678912",
      "sinkPtid": 123456,
      "userReference": "new contract",
      "market": "DAM",
      "bidEnergyMw": 10.0
    }
    // additional bid objects as needed
  ]
}
```

Deleting a Bid:

- Prepare the POST request:

- For Load Bids:

```
POST https://updown-api.nyiso.com/updown/api/v1/delete-load-bid
```

- For Transaction Bids:

```
POST https://updown-api.nyiso.com/updown/api/v1/delete-tran-bid
```

- Paste the JSON into the request body and send.

Example JSON Structures

Delete Load Bid:

```
{
  "submissionParameters": {
    "requestType": "DELETE_LOAD_BID",
    "doCommit": true,
    "processUnidentifiedBids": true
  },
  "deleteLoadBids": [
    { "bidId": 123456789 },
    { "bidDate": "11/30/2024 00:00", "ptid": 123456 }
    // additional bid objects as needed
  ]
}
```

Delete Transaction Bid:

```
{
  "submissionParameters": {
    "requestType": "DELETE_TRAN_BID",
    "doCommit": true,
    "processUnidentifiedBids": true
  }
}
```

```

},
"deleteTransactionBids": [
  { "bidId": 123456789 },
  { "bidDate": "11/30/2024 00:00", "market": "DAM", "tranId": 123456 }
  // additional bid objects as needed
]
}

```

Confirming a Transaction Bid:

- Prepare the POST request:

POST <https://updown-api.nyiso.com/updown/api/v1/confirm-tran-bid>

- Paste the JSON into the request body and send.

Example JSON Structure

```

{
  "submissionParameters": {
    "requestType": "CONFIRM_TRAN_BID",
    "doCommit": true,
    "processUnidentifiedBids": true
  },
  "deleteTransactionBids": [
    { "bidId": 123456789, "confirmStatus": true }
    // additional bid objects as needed
  ]
}

```

Download Operations (GET)

Endpoint References

New Endpoint	Method	Old Template
load-detail	GET	LOAD_DETAIL
load-sch	GET	LOAD_SCH
tran-sch	GET	TRAN_SCH
tran-contract	GET	TRAN_CONTRACT
gen-detail	GET	GEN_DETAIL
gen-sch	GET	GEN_SCH
gen-rtd	GET	GEN_RTD
gen-out	GET	GEN_OUT
u-comm	GET	U_COMM

- Prepare the GET request:

- Base endpoint:

GET <https://updown-api.nyiso.com/updown/api/v1>

- For CSV users append the output from the converter to the endpoint.

- Example Load request:

GET <https://updown-api.nyiso.com/updown/api/v1/load-detail?ptid=123456>

- Example Transaction request:

GET <https://updown-api.nyiso.com/updown/api/v1/tran-sch?ptid=123456>

- Example Generator request:

GET <https://updown-api.nyiso.com/updown/api/v1/gen-detail?ptid=123456>

- Send the GET request to retrieve the data.

The NYISO anticipates that this Technical Bulletin will be incorporated into the Market Participant's User Guide during its next available recertification period.