

The structure of several JESS (Marketplace) upload/download templates will be modified to support CTS Bidding and 15-minute Bid Curve Block market enhancements. This document specifies the revised structure for each of these templates.

Templates Impacted:

1. Submit External Transaction Bid; EXT_TRAN_BID
2. Download External Transaction Bids Schedules; EXT_TRAN_SCH

1 Submit External Transaction Bid [MPUG 8.2.5, EXT_TRAN_BID]

1.1 Request Parameters

Submit External Transaction Bid – Request –Header		
Field	Mandatory?	Values
BID_TYPE	Y	EXT_TRAN_BID
USERID	Y	
PASSWORD	Y	
DATA ROWS	Y	
UPLOAD_RESPONSE	N	
PROCESS_UNIDENTIFIED_BIDS	N	
MHBT	N	

Submit External Transaction Bid – Request –Body	
Position #	JESS Parameter
1	Date & Time
2	Source
3	Sink
4	Market
5	Spare
6	Spare
7	Spare
8	Sending Control Area
9	PSE
10	PSE Number
11	Receiving Control Area
12	NERC Priority
13	User Reference
14	Spare
15	Hourly Evaluation Default Bid Block
16	Bid Schedule Type Id
17	Minimum Runtime
18	Optional HAM Bid Price
19	Duration

Submit External Transaction Bid – Request –Body	
Position #	JESS Parameter
20	Spare
21	Spare
22	Energy Profile MW- Block 1
23	MW 1-Block 1
24	MW 2-Block 1
25	MW 3-Block 1
26	MW 4-Block 1
27	MW 5-Block 1
28	MW 6-Block 1
29	MW 7-Block 1
30	MW 8-Block 1
31	MW 9-Block 1
32	MW 10-Block 1
33	MW 11-Block 1
34	\$/MW 1-Block 1
35	\$/MW 2-Block 1
36	\$/MW 3-Block 1
37	\$/MW 4-Block 1
38	\$/MW 5-Block 1
39	\$/MW 6-Block 1
40	\$/MW 7-Block 1
41	\$/MW 8-Block 1
42	\$/MW 9-Block 1
43	\$/MW 10-Block 1
44	\$/MW 11-Block 1
45	Energy Profile MW-Block 2
46	MW 1-Block 2
47	MW 2-Block 2
48	MW 3-Block 2
49	MW 4-Block 2
50	MW 5-Block 2
51	MW 6-Block 2
52	MW 7-Block 2
53	MW 8-Block 2
54	MW 9-Block 2
55	MW 10-Block 2
56	MW 11-Block 2
57	\$/MW 1-Block 2
58	\$/MW 2-Block 2
59	\$/MW 3-Block 2
60	\$/MW 4-Block 2
61	\$/MW 5-Block 2
62	\$/MW 6-Block 2
63	\$/MW 7-Block 2

Submit External Transaction Bid – Request –Body	
Position #	JESS Parameter
64	\$/MW 8-Block 2
65	\$/MW 9-Block 2
66	\$/MW 10-Block 2
67	\$/MW 11-Block 2
68	Energy Profile MW-Block 3
69	MW 1-Block 3
70	MW 2-Block 3
71	MW 3-Block 3
72	MW 4-Block 3
73	MW 5-Block 3
74	MW 6-Block 3
75	MW 7-Block 3
76	MW 8-Block 3
77	MW 9-Block 3
78	MW 10-Block 3
79	MW 11-Block 3
80	\$/MW 1-Block 3
81	\$/MW 2-Block 3
82	\$/MW 3-Block 3
83	\$/MW 4-Block 3
84	\$/MW 5-Block 3
85	\$/MW 6-Block 3
86	\$/MW 7-Block 3
87	\$/MW 8-Block 3
89	\$/MW 9-Block 3
90	\$/MW 10-Block 3
91	\$/MW 11-Block 3
92	Energy Profile MW-Block 4
93	MW 1-Block 4
94	MW 2-Block 4
95	MW 3-Block 4
96	MW 4-Block 4
97	MW 5-Block 4
98	MW 6-Block 4
99	MW 7-Block 4
100	MW 8-Block 4
101	MW 9-Block 4
102	MW 10-Block 4
103	MW 11-Block 4
104	\$/MW 1-Block 4
105	\$/MW 2-Block 4
106	\$/MW 3-Block 4
107	\$/MW 4-Block 4
108	\$/MW 5-Block 4

Submit External Transaction Bid – Request –Body	
Position #	JESS Parameter
109	\$/MW 6-Block 4
110	\$/MW 7-Block 4
111	\$/MW 8-Block 4
112	\$/MW 9-Block 4
113	\$/MW 10-Block 4
114	\$/MW 11-Block 4

1.2 Response Parameters

Submit External Transaction Bid –Response –Header	
Field	Values
TIME_STAMP	
BID_TYPE	EXT_TRAN_BID
DATA ROWS	

External Transaction Bid –Response –Body	
Position #	JESS Parameter
1	Date & Time
2	Source Name
3	Source PTID
4	Sink Name
5	Sink PTID
6	Market
7	Spare
8	Spare
9	Spare
10	Sending Control Area
11	PSE
12	PSE Number
13	Spare
14	Receiving Control Area
15	NERC Priority
16	User Reference
17	Spare
18	NERC E-Tag Status Check
19	Spare
20	Bid Id
21	Transaction Id
22	FRP Confirm Status
23	Seller Confirm Status
24	Buyer Confirm Status
25	Spare

External Transaction Bid –Response –Body	
Position #	JESS Parameter
26	Spare
27	Minimum Run Time
28	Optional HAM Bid Price
29	Bid Schedule Type Id
30	Schedule Start Time
31	Bid Status
32	Message
33	Spare
34	Spare
35	Energy Profile MW- Block 1
36	MW 1-Block 1
37	MW 2-Block 1
38	MW 3-Block 1
39	MW 4-Block 1
40	MW 5-Block 1
41	MW 6-Block 1
42	MW 7-Block 1
43	MW 8-Block 1
44	MW 9-Block 1
45	MW 10-Block 1
46	MW 11-Block 1
47	MW 12-Block 1
48	\$/MW 1-Block 1
49	\$/MW 2-Block 1
50	\$/MW 3-Block 1
51	\$/MW 4-Block 1
52	\$/MW 5-Block 1
53	\$/MW 6-Block 1
54	\$/MW 7-Block 1
55	\$/MW 8-Block 1
56	\$/MW 9-Block 1
57	\$/MW 10-Block 1
58	\$/MW 11-Block 1
59	\$/MW 12-Block 1
60	Energy Profile MW-Block 2
61	MW 1-Block 2
62	MW 2-Block 2
63	MW 3-Block 2
64	MW 4-Block 2
65	MW 5-Block 2
66	MW 6-Block 2
67	MW 7-Block 2
68	MW 8-Block 2

External Transaction Bid –Response –Body	
Position #	JESS Parameter
69	MW 9-Block 2
70	MW 10-Block 2
71	MW 11-Block 2
72	MW 12-Block 2
73	\$/MW 1-Block 2
74	\$/MW 2-Block 2
75	\$/MW 3-Block 2
76	\$/MW 4-Block 2
77	\$/MW 5-Block 2
78	\$/MW 6-Block 2
79	\$/MW 7-Block 2
80	\$/MW 8-Block 2
81	\$/MW 9-Block 2
82	\$/MW 10-Block 2
83	\$/MW 11-Block 2
84	\$/MW 12-Block 2
85	Energy Profile MW-Block 3
86	MW 1-Block 3
87	MW 2-Block 3
88	MW 3-Block 3
89	MW 4-Block 3
90	MW 5-Block 3
91	MW 6-Block 3
92	MW 7-Block 3
93	MW 8-Block 3
94	MW 9-Block 3
95	MW 10-Block 3
96	MW 11-Block 3
97	MW 12-Block 3
98	\$/MW 1-Block 3
99	\$/MW 2-Block 3
100	\$/MW 3-Block 3
101	\$/MW 4-Block 3
102	\$/MW 5-Block 3
103	\$/MW 6-Block 3
104	\$/MW 7-Block 3
105	\$/MW 8-Block 3
106	\$/MW 9-Block 3
107	\$/MW 10-Block 3
108	\$/MW 11-Block 3
109	\$/MW 12-Block 3
110	Energy Profile MW-Block 4
111	MW 1-Block 4

External Transaction Bid –Response –Body	
Position #	JESS Parameter
112	MW 2-Block 4
113	MW 3-Block 4
114	MW 4-Block 4
115	MW 5-Block 4
116	MW 6-Block 4
117	MW 7-Block 4
118	MW 8-Block 4
119	MW 9-Block 4
120	MW 10-Block 4
121	MW 11-Block 4
122	MW 12-Block 4
123	\$/MW 1-Block 4
124	\$/MW 2-Block 4
125	\$/MW 3-Block 4
126	\$/MW 4-Block 4
127	\$/MW 5-Block 4
128	\$/MW 6-Block 4
129	\$/MW 7-Block 4
130	\$/MW 8-Block 4
131	\$/MW 9-Block 4
132	\$/MW 10-Block 4
133	\$/MW 11-Block 4
134	\$/MW 12-Block 4

2 Download External Transaction Bids Schedules [MPUG 8.3.6, EXT_TRAN_SCH]

2.1 Request Parameters

Download External Transaction Bids and Schedules –Request –Header	
Variable Name	Mandatory
USERID	Y
PASSWORD	Y
QUERY_TYPE	Y
MARKET_TYPE	Y
DATE	Y
TRANSACTION_ID	N
SOURCE	N
SINK	N
USER_REFERENCE	N
STATUS	N
NUM_HOURS	N
MODIFIED_DATE	N

Download External Transaction Bids and Schedules –Request –Header	
Variable Name	Mandatory
BID_SCHEDULE_TYPE_ID	N
SCHEDULES	N

Download External Transaction Bids and Schedules –Request –Body		
Variable Name	Value	Mandatory
N/A		

2.2 Response Parameters

Download External Transaction Bids and Schedules –Response –Header	
Field	Values
TIME_STAMP	
BID_TYPE	EXT_TRAN_SCH
DATA ROWS	

Download External Transaction Bids and Schedules –Response –Body	
Position #	JESS Parameter
1	Date & Time
2	Source Name
3	Source PTID
4	Sink Name
5	Sink PTID
6	Market
7	Spare
8	Spare
9	Spare
10	Sending Control Area
11	PSE
12	PSE Number
13	Spare
14	Receiving Control Area
15	NERC Priority
16	User Reference
17	Spare
18	NERC E-Tag Status Check
19	Checkout Mw
20	Bid Id
21	Transaction Id
22	FRP Confirm Status
23	Seller Confirm Status
24	Buyer Confirm Status
25	Spare

Download External Transaction Bids and Schedules –Response –Body	
Position #	JESS Parameter
26	Sched Energy
27	Minimum Runtime
28	Optional HAM Bid Price
29	Bid Schedule Type Id
30	Schedule Timestamp
31	Bid Status
32	Message
33	Spare
34	Spare
35	Energy Profile MW- Block 1
36	MW 1-Block 1
37	MW 2-Block 1
38	MW 3-Block 1
39	MW 4-Block 1
40	MW 5-Block 1
41	MW 6-Block 1
42	MW 7-Block 1
43	MW 8-Block 1
44	MW 9-Block 1
45	MW 10-Block 1
46	MW 11-Block 1
47	MW 12-Block 1
48	\$/MW 1-Block 1
49	\$/MW 2-Block 1
50	\$/MW 3-Block 1
51	\$/MW 4-Block 1
52	\$/MW 5-Block 1
53	\$/MW 6-Block 1
54	\$/MW 7-Block 1
55	\$/MW 8-Block 1
56	\$/MW 9-Block 1
57	\$/MW 10-Block 1
58	\$/MW 11-Block 1
59	\$/MW 12-Block 1
60	Energy Profile MW-Block 2
61	MW 1-Block 2
62	MW 2-Block 2
63	MW 3-Block 2
64	MW 4-Block 2
65	MW 5-Block 2
66	MW 6-Block 2
67	MW 7-Block 2
68	MW 8-Block 2
69	MW 9-Block 2

Download External Transaction Bids and Schedules –Response –Body	
Position #	JESS Parameter
70	MW 10-Block 2
71	MW 11-Block 2
72	MW 12-Block 2
73	\$/MW 1-Block 2
74	\$/MW 2-Block 2
75	\$/MW 3-Block 2
76	\$/MW 4-Block 2
77	\$/MW 5-Block 2
78	\$/MW 6-Block 2
79	\$/MW 7-Block 2
80	\$/MW 8-Block 2
81	\$/MW 9-Block 2
82	\$/MW 10-Block 2
83	\$/MW 11-Block 2
84	\$/MW 12-Block 2
85	Energy Profile MW-Block 3
86	MW 1-Block 3
87	MW 2-Block 3
88	MW 3-Block 3
89	MW 4-Block 3
90	MW 5-Block 3
91	MW 6-Block 3
92	MW 7-Block 3
93	MW 8-Block 3
94	MW 9-Block 3
95	MW 10-Block 3
96	MW 11-Block 3
97	MW 12-Block 3
98	\$/MW 1-Block 3
99	\$/MW 2-Block 3
100	\$/MW 3-Block 3
101	\$/MW 4-Block 3
102	\$/MW 5-Block 3
103	\$/MW 6-Block 3
104	\$/MW 7-Block 3
105	\$/MW 8-Block 3
106	\$/MW 9-Block 3
107	\$/MW 10-Block 3
108	\$/MW 11-Block 3
109	\$/MW 12-Block 3
110	Energy Profile MW-Block 4
111	MW 1-Block 4
112	MW 2-Block 4
113	MW 3-Block 4

Download External Transaction Bids and Schedules –Response –Body	
Position #	JESS Parameter
114	MW 4-Block 4
115	MW 5-Block 4
116	MW 6-Block 4
117	MW 7-Block 4
118	MW 8-Block 4
119	MW 9-Block 4
120	MW 10-Block 4
121	MW 11-Block 4
122	MW 12-Block 4
123	\$/MW 1-Block 4
124	\$/MW 2-Block 4
125	\$/MW 3-Block 4
126	\$/MW 4-Block 4
127	\$/MW 5-Block 4
128	\$/MW 6-Block 4
129	\$/MW 7-Block 4
130	\$/MW 8-Block 4
131	\$/MW 9-Block 4
132	\$/MW 10-Block 4
133	\$/MW 11-Block 4
134	\$/MW 12-Block 4