

Subject: CBMS error message structure

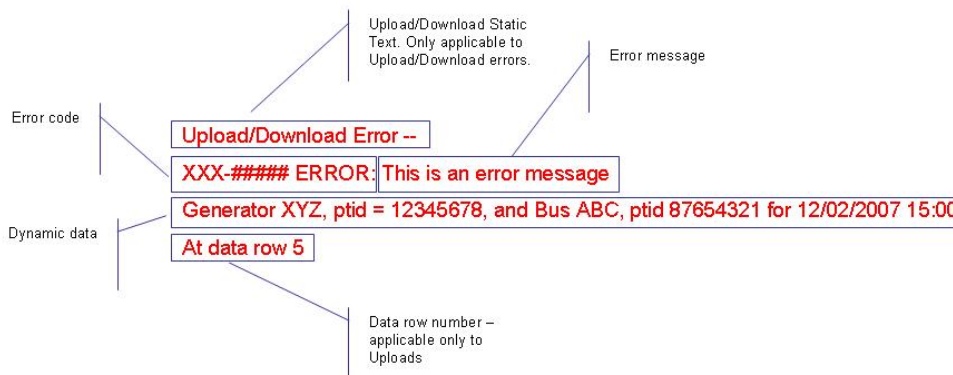
Revision History		
Revision Date	Version	Summary of Changes
7/5/07	0.1	Initial working copy
8/9/07	0.2	Updated with Transaction Bid error messages (still draft format)

Background

As the NYISO continues to re-architect the Bidding and Scheduling software, a new structure for error messages is being implemented. This memo describes the new formats for error messages that are displayed to end users. These error messages will go into effect after the October 2007 software release, and will initially apply to Load Bidding and Transaction Bidding functions. This document will be updated as other re-architected functions are brought online.

Error Guidelines

Errors will be structured as follows:



- 1) Error code

All errors shall begin with unique error code. For example,

CBM-100001

Error code syntax shall be as follows:

XXX-##### where:

XXX = an internal alphanumeric code meaningful to the NYISO

= a five-digit numeric code

2) Error message

The actual error message begins with the word "ERROR:" followed by a single space, then followed by the actual message describing the error. For example,

ERROR: The field Market may not be left null.

3) Dynamic Data

Whenever applicable, dynamic data will be appended to the error on the line following the error message. For example,

CBM-20015 ERROR: Cannot bid a 25th hour on this day.

Bus XYZBus, ptid = 12345678 for [bid time]

4) Upload/Download Static Text

In all cases of an Upload/Download error, the following text will be included in the line immediately preceding the error message line:

Upload/Download Error --

For example:

Upload/Download Error --

CBM-20015 ERROR: Cannot bid a 25th hour on this day.

Bus XYZBus, ptid = 12345678 for [bid time]

5) Data Row Number - For any Upload (not download) errors that have to do with a specific row of data in the input file, the following text should be included as the last line of the error, after the dynamic data:

At data row [data row#]

For example:

Upload/Download Error --

CBM-20015 ERROR: Cannot bid a 25th hour on this day.

Bus XYZBus, ptid = 12345678 for [bid time]

At data row 5

Note: This will not be included for any U/D framework errors, any errors related specifically to submitted header data, any errors related to contract-level data, or any other error which does not pertain to a specific row in the input file.

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6) Error list

Note: Upload/Download Static text and Data Row # might be included in the error messages depending on how the user is interacting with the system.

Error Code	Area	Error Message
CBM-10001	Transaction Bidding	ERROR: Invalid User Reference. Data cannot be greater than 16 characters in length. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10002	Transaction Bidding	ERROR: A transaction with the NYISO reference as the source must have an external sink. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10003	Transaction Bidding	ERROR: Transaction bid with source and sink at the same location (within same external subzone) is not allowed. Contact NYISO if you feel you received this message in error. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10004	Transaction Bidding	ERROR: TRANS_PRIORITY must be greater than zero. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10005	Transaction Bidding	ERROR: Transaction Priority cannot be greater than 99. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10006	Transaction Bidding	ERROR: Source generator submitted [Source Value from input file] could not be identified. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10007	Transaction Bidding	ERROR: Sink load submitted [Sink Value from input file] could not be identified. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10008	Transaction Bidding	ERROR: Submitted NERC Priority is invalid. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10009	Transaction Bidding	ERROR: Firm (DAM & HAM) transactions must have nerc_priority = 7. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10010	Transaction Bidding	ERROR: Firm DAM & HAM transactions with internal generators must have a non null transaction priority. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].

Error Code	Area	Error Message
CBM-10011	Transaction Bidding	ERROR: Firm DAM & HAM transactions with external generators must have null transaction priority. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10012	Transaction Bidding	ERROR: User is not authorized to submit DAM transactions. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10013	Transaction Bidding	ERROR: User is not authorized to submit HAM transactions. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10014	Transaction Bidding	ERROR: NonFirm transactions must have nerc_priority between 1 and 6. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10015	Transaction Bidding	ERROR: NonFirm transactions must have null transaction priority. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID]].
CBM-10016	Transaction Bidding	ERROR: User is not authorized to submit NONFIRM transactions. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10017	Transaction Bidding	ERROR: The Transaction Type does not match the existing Contract Type. Existing Contract type is [Preexisting Transaction Contract Type] Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10018	Transaction Bidding	ERROR: A transaction contract with these parameters already exists and you are not authorized to submit transactions for it. Change the user_ref to make a new contract. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10019	Transaction Bidding	ERROR: Partial data received. MWH must not be null. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10020	Transaction Bidding	ERROR: The Energy MW must be a whole number. MW value: xxx Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10021	Transaction Bidding	ERROR: Energy bid MW must be positive values. MW value: xxx Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10022	Transaction Bidding	ERROR: Bus is not energy bid qualified. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10023	Transaction Bidding	ERROR: Bus is not price cap bid qualified. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10024	Transaction Bidding	ERROR: External source transactions can not supply a price cap bid. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].

Error Code	Area	Error Message
CBM-10025	Transaction Bidding	ERROR: Only Import/Export Transactions are allowed using the referenced Proxy Unit. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10027	Transaction Bidding	ERROR: Only Wheel-Thru Transactions are allowed using the referenced Proxy Unit. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10028	Transaction Bidding	ERROR: Zero energy for DAM Transaction bids not allowed. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10029	Transaction Bidding	ERROR: Bid times for transactions requiring reservations invalid. Must be submitted before DAM Transmission Reservation Validation (NOTE: 4 digit year is required). Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10030	Transaction Bidding	ERROR: Bid times invalid. Must be submitted before DAM closing. (NOTE: 4 digit year is required). Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10031	Transaction Bidding	ERROR: Generator is not DAM fixed energy bid qualified. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10049	Transaction Bidding	ERROR: Export transactions must supply a price cap bid. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10032	Transaction Bidding	ERROR: Firm DAM & HAM transactions with external generators must have non null decremental dollars. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10033	Transaction Bidding	ERROR: Firm DAM & HAM transactions with internal generators must have null decremental dollars. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10034	Transaction Bidding	ERROR: Bid times for transactions requiring reservations invalid. Must be submitted before HAM Transmission Reservation Validation (NOTE: 4 digit year is required). Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10035	Transaction Bidding	ERROR: Bid times invalid. Must be submitted before HAM closing. (NOTE: 4 digit year is required). Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10036	Transaction Bidding	ERROR: Generator is not HAM fixed energy bid qualified. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10037	Transaction Bidding	ERROR: Only DAM internal transactions can supply a price cap bid. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].

Error Code	Area	Error Message
CBM-10038	Transaction Bidding	ERROR: HAM transactions with a zero bid can only be entered if a non-zero DAM transaction exists. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10039	Transaction Bidding	ERROR: HAM Bid Price only permitted for DAM bids. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10040	Transaction Bidding	ERROR: NonFirm transactions must have null sink price cap dollars. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10041	Transaction Bidding	ERROR: NonFirm transactions must have null decremental dollars. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10042	Transaction Bidding	ERROR: External transactions must have all components of nerc_tag. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10043	Transaction Bidding	ERROR: The PSE entered with NERC tag is not an authorized PSE. Contact NYISO if you feel you received this message in error. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10044	Transaction Bidding	ERROR: The RCA entered with NERC tag does not match Sink provided with Bid. Contact NYISO if you feel you received this message in error. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10045	Transaction Bidding	ERROR: The SCA entered with NERC tag does not match Source provided with Bid. Contact NYISO if you feel you received this message in error. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10046	Transaction Bidding	ERROR: The NERC tag ID entered with the Bid is already in use for this hour and market. Contact NYISO if you feel you received this message in error. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10047	Transaction Bidding	ERROR: Users organization must be billing qualified for transactions serving external sinks. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus load name [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10048	Transaction Bidding	ERROR: Cannot delete. Prescheduled bids cannot be deleted via this interface. Bid ID: [Submitted BBS_ID], Transaction ID: [Submitted Transaction_ID], Date & Time: [Submitted Date], Market: [Submitted Market].
CBM-10050	Transaction Bidding	ERROR: Bid not found. Cannot delete. No existing bid is associated with supplied Transaction ID, Date & Time and Market. Bid ID: [Submitted BBS_ID], Transaction ID: [Submitted Transaction_ID], Date & Time: [Submitted Date], Market: [Submitted Market].

Error Code	Area	Error Message
CBM-10051	Transaction Bidding	ERROR: User is not authorized to delete transaction bid. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus load name [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10052	Transaction Bidding	ERROR: Cannot delete a bid that is Being Evaluated, Accepted or Rejected. Bid ID: [Submitted BBS_ID], Transaction ID: [Submitted Transaction_ID], Date & Time: [Submitted Date], Market: [Submitted Market].
CBM-10053	Transaction Bidding	ERROR: Cannot delete bid after DAM Transmission Reservation Validation has occurred. Bid ID: [Submitted BBS_ID], Transaction ID: [Submitted Transaction_ID], Date & Time: [Submitted Date], Market: [Submitted Market].
CBM-10054	Transaction Bidding	ERROR: Cannot delete bid after DAM closed. Bid ID: [Submitted BBS_ID], Transaction ID: [Submitted Transaction_ID], Date & Time: [Submitted Date], Market: [Submitted Market].
CBM-10055	Transaction Bidding	ERROR: Cannot delete bid after HAM Transmission Reservation Validation has occurred. Bid ID: [Submitted BBS_ID], Transaction ID: [Submitted Transaction_ID], Date & Time: [Submitted Date], Market: [Submitted Market].
CBM-10056	Transaction Bidding	ERROR: Cannot Delete Bid After HAM Closed. Bid ID: [Submitted BBS_ID], Transaction ID: [Submitted Transaction_ID], Date & Time: [Submitted Date], Market: [Submitted Market].
CBM-10057	Transaction Bidding	ERROR: Invalid User Reference. Must not contain the text "Emergency". Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10058	Transaction Bidding	ERROR: A transaction with the NYISO reference as the sink must have an external source. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10059	Transaction Bidding	ERROR: Bid time with minutes other than 00 not allowed. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus load name [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10060	Transaction Bidding	ERROR: Invalid PSE Number. Value cannot be greater than 7 characters long. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus load name [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10061	Transaction Bidding	ERROR: Responses exceed the maximum of 50000.
CBM-10062	Transaction Bidding	ERROR: Source Generator: [SOURCE value], not found.
CBM-10063	Transaction Bidding	ERROR: Sink Bus: [SINK value], not found.

Error Code	Area	Error Message
CBM-10064	Transaction Bidding	ERROR: Bid must be identified by either a Bid ID or a Bid ID, Transaction ID, Date & Time and Market or a Transaction ID, Date & Time and Market. Bid ID: [Submitted BBS_ID], Transaction ID: [Submitted Transaction_ID], Date & Time: [Submitted Date], Market: [Submitted Market].
CBM-10065	Transaction Bidding	ERROR: Bid not found. Cannot delete. Supplied Bid ID does not match an existing bid. Bid ID: [Submitted BBS_ID], Transaction ID: [Submitted Transaction_ID], Date & Time: [Submitted Date], Market: [Submitted Market].
CBM-10066	Transaction Bidding	ERROR: HAM bid has schedule. Cannot delete. Bid ID: [Submitted BBS_ID], Transaction ID: [Submitted Transaction_ID], Date & Time: [Submitted Date], Market: [Submitted Market].
CBM-10067	Transaction Bidding	ERROR: Invalid Energy Bid MW. Value cannot be greater than 9999. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10068	Transaction Bidding	ERROR: Invalid Decremental Dollar. Value cannot be greater than 9999 or less than -9999. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10069	Transaction Bidding	ERROR: Invalid Sink Price Cap Dollar. Value cannot be greater than 9999 or less than -9999. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10070	Transaction Bidding	ERROR: Invalid Ham Bid Price. Value cannot be greater than 9999 or less than -9999. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10071	Transaction Bidding	ERROR: Cannot confirm/unconfirm: Transaction not found. Bid ID:[Submitted Bid id], Confirm: [Submitted Conf Flag]
CBM-10072	Transaction Bidding	ERROR: Bid Status: [Bid Status]. Confirm/unconfirm not allowed for current bid status. Bid ID:[Submitted Bid id], Confirm: [Submitted Conf Flag]
CBM-10073	Transaction Bidding	ERROR: Cannot confirm bid after DAM Transmission Reservation Validation has occurred. Bid ID:[Submitted Bid id], Confirm: [Submitted Conf Flag]
CBM-10074	Transaction Bidding	ERROR: Cannot confirm bid after DAM closing. Bid ID:[Submitted Bid id], Confirm: [Submitted Conf Flag]
CBM-10075	Transaction Bidding	ERROR: No permission to confirm or un-confirm, user is not transaction bid qualified for the DAM market. Bid ID:[Submitted Bid id], Confirm: [Submitted Conf Flag]
CBM-10076	Transaction Bidding	ERROR: No permission to confirm or un-confirm\, user is not transaction bid qualified for the HAM market. Bid ID:[Submitted Bid id], Confirm: [Submitted Conf Flag]

Error Code	Area	Error Message
CBM-10077	Transaction Bidding	ERROR: No permission to confirm or un-confirm\, user is not transaction bid qualified for the NONFIRM market. Bid ID:[Submitted Bid id], Confirm: [Submitted Conf Flag]
CBM-10078	Transaction Bidding	ERROR: Cannot confirm bid after HAM Transmission Reservation Validation has occurred. Bid ID:[Submitted Bid id], Confirm: [Submitted Conf Flag]
CBM-10079	Transaction Bidding	ERROR: User not authorized to modify transaction bid. Bid ID:[Submitted Bid id], Confirm: [Submitted Conf Flag]
CBM-10080	Transaction Bidding	ERROR: Cannot confirm bid after HAM closing. Bid ID:[Submitted Bid id], Confirm: [Submitted Conf Flag]
CBM-10081	Transaction Bidding	ERROR: The NERC tag ID entered with the Bid is already defined within this request for a different contract for this hour and market. Data rows xxx and xxx conflict. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10082	Transaction Bidding	ERROR: User is not authorized to delete this transaction. Transaction id: xxx.
CBM-10083	Transaction Bidding	ERROR: Transaction bids exist for this transaction contract. Transaction bids with transaction id: xxx must be deleted first.
CBM-10084	Transaction Bidding	ERROR: User is not authorized to update this transaction. Transaction id: xxx.
CBM-10085	Transaction Bidding	ERROR: Data access error. [Specific error message]
CBM-10086	Transaction Bidding	ERROR: Bilateral bid is a required parameter.
CBM-10087	Transaction Bidding	ERROR: Bid date is invalid or null.
CBM-10088	Transaction Bidding	ERROR: Market is invalid or null.
CBM-10089	Transaction Bidding	ERROR: Contract is null or not uniquely identified.
CBM-10090	Transaction Bidding	ERROR: Source is not uniquely identified.
CBM-10091	Transaction Bidding	ERROR: Sink is not uniquely identified.
CBM-10092	Transaction Bidding	ERROR: Sink does not correctly identify a subzone.
CBM-10093	Transaction Bidding	ERROR: Source does not correctly identify a subzone.
CBM-10094	Transaction Bidding	ERROR: User reference is a required parameter.
CBM-10095	Transaction Bidding	ERROR: NERC priority is a required parameter.
CBM-10096	Transaction Bidding	ERROR: [text of unexpected error]
CBM-10097	Transaction Bidding	ERROR: Start and End Date are more then 31 days apart.
CBM-10098	Transaction Bidding	ERROR: Unable to locate contracts to delete.

Error Code	Area	Error Message
CBM-10099	Transaction Bidding	ERROR: Unable to locate contracts to reassign.
CBM-10100	Transaction Bidding	ERROR: A MHBT Contract cannot have an internal source and an internal sink. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID].
CBM-10101	Transaction Bidding	ERROR: Only Multi-hour block contracts can be submitted through this interface.
CBM-10102	Transaction Bidding	ERROR: Only standard transaction contracts can be submitted through this interface.
CBM-10103	Transaction Bidding	ERROR: DAM or HAM market are valid for Multi-hour block bids. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10105	Transaction Bidding	ERROR: Min Run Time must be a whole number. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10106	Transaction Bidding	ERROR: xxx is an invalid Min Run Time. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10107	Transaction Bidding	ERROR: Min Run Time must be greater than 1 and less than or equal to 25. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10108	Transaction Bidding	ERROR: Min Run Time invalid. Value cannot exceed number of hours in the bid day. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10109	Transaction Bidding	ERROR: Min Run Time Must Be Null for HAM bids. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10110	Transaction Bidding	ERROR: HAM MHBT transactions with can only be entered if a corresponding DAM transaction exists. Generator [Source Generator Name], ptid = [Source Generator PTID] and Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time].
CBM-10111	Transaction Bidding	ERROR: Bid must be identified by a Bid ID and Confirm value.
CBM-10112	Transaction Bidding	ERROR: User is not authorized to submit transactions.
CBM-20001	Load Bidding	CBM-20001 ERROR: Meter authority users are denied access to load bid data.
CBM-20003	Load Bidding	CBM-20003 ERROR: Virtual Bid data must identify a load bus by ptid.
CBM-20004	Load Bidding	CBM-20004 ERROR: Virtual Bid data must identify a start date/time.

Error Code	Area	Error Message
CBM-20006	Load Bidding	CBM-20006 ERROR: Unauthorized request to get physical load bids.
CBM-20007	Load Bidding	CBM-20007 ERROR: Unauthorized request to get virtual load bids.
CBM-20008	Load Bidding	CBM-20008 ERROR: Unauthorized request to get virtual supply bids.
CBM-20009	Load Bidding	CBM-20009 ERROR: At least One Load Bid Type must be Submitted. Energy Bid MWs is non null or Energy Forecast Bid MWs is non null or Energy Price Cap Bid MWs at point 1 is non null. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20010	Load Bidding	CBM-20010 ERROR: Load could not be identified from input data. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20011	Load Bidding	CBM-20011 ERROR: At least One Load Bid Type must be Submitted. Energy Price Cap Bid MWs at point 1 is non null. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20012	Load Bidding	CBM-20012 ERROR: Cannot bid virtual load against a load bus that is not of type Virtual Load. Load type: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20013	Load Bidding	CBM-20013 ERROR: Partial data received. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20014	Load Bidding	CBM-20014 ERROR: Bid time with minutes other than 00 not allowed. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20015	Load Bidding	CBM-20015 ERROR: Hour 25 cannot be submitted for this date. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20016	Load Bidding	CBM-20016 ERROR: Bid Time is after the market close time. (NOTE: 4 digit year is required) Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20017	Load Bidding	CBM-20017 ERROR: Bid Time is beyond the maximum future bid days allowed. (NOTE: 4 digit year is required) Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20018	Load Bidding	CBM-20018 ERROR: Bus <bus ptid> is not qualified for Fixed or Forecast Bid. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20019	Load Bidding	CBM-20019 ERROR: Bus <bus ptid> is not qualified for Interruptible Bidding. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20020	Load Bidding	CBM-20020 ERROR: Bus xxx is Not qualified for Price Cap Bid. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20021	Load Bidding	CBM-20021 ERROR: Energy Price Cap MWs and \$/MW at point 1 must be either null or non null. Price cap 1: xxx; price cap 1 \$/mw: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20022	Load Bidding	CBM-20022 ERROR: Energy Price Cap MWs and \$/MW at point 2 must be either null or non null. Price cap 2: xxx; price cap 2 \$/mw: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]

Error Code	Area	Error Message
CBM-20023	Load Bidding	CBM-20023 ERROR: Energy Price Cap MWs and \$/MW at point 3 must be either null or non null. Price cap 3: xxx; price cap 3 \$/mw: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20024	Load Bidding	CBM-20024 ERROR: Energy Price Cap MWs may not be zero. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20025	Load Bidding	CBM-20025 ERROR: Energy Price Cap \$/MW must be entered in the curve with no points skipped. Price cap 1: xxx; price cap 2: xxx price cap 3: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20026	Load Bidding	CBM-20026 ERROR: Price cap \$/MW values must be in ascending order. Price cap 1 \$: xxx; price cap 2 \$: xxx price cap 3 \$: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20027	Load Bidding	CBM-20027 ERROR: The data value is larger than the allowed precision. Value requested: <price cap submitted> Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20028	Load Bidding	CBM-20028 ERROR: For Energy Price Caps all negative MWs must be supplied before any positive MWs. Price cap 1: xxx; price cap 2: xxx price cap 3: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20029	Load Bidding	CBM-20029 ERROR: Cannot submit forecast values against a load bus that is not of type Real Load or Station Service Load. Load type: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20030	Load Bidding	CBM-20030 ERROR: Cannot update forecast bid after the set forecast update time. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20031	Load Bidding	CBM-20031 ERROR: Bid Time is beyond the maximum future bid days allowed. (NOTE: 4 digit year is required) Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20032	Load Bidding	CBM-20032 ERROR: At least One Load Bid Type must be Submitted. Energy Bid MWs is non null or Energy Forecast Bid MWs is non null or Energy Price Cap Bid MWs at point 1 is non null. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20033	Load Bidding	CBM-20033 ERROR: Invalid API call. Required arguments are null.
CBM-20034	Load Bidding	CBM-20034 ERROR: <username> is not authorized for any load buses.
CBM-20035	Load Bidding	CBM-20035 ERROR: Unable to locate bids to delete.

Error Code	Area	Error Message
CBM-20036	Load Bidding	CBM-20036 ERROR: Load bid not found. Cannot delete.
CBM-20037	Load Bidding	CBM-20037 ERROR: User <caller> is not authorized to delete load bid.
CBM-20038	Load Bidding	CBM-20038 ERROR: User <caller> is not authorized to bid for bus.
CBM-20039	Load Bidding	CBM-20039 ERROR: Unable to uniquely identify bid to delete.
CBM-20039	Load Bidding	CBM-20039 ERROR: Unable to uniquely identify bid to delete.
CBM-20041	Load Bidding	CBM-20041 ERROR: Cannot delete a bid that doesn't uniquely identify a load and time or bid id.
CBM-20042	Load Bidding	CBM-20042 ERROR: Cannot delete bid after market closed. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20043	Load Bidding	CBM-20043 ERROR: Cannot delete a load bid with null bid status. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20044	Load Bidding	CBM-20044 ERROR: Cannot delete a bid that is Being Evaluated, Accepted or Rejected. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20045	Load Bidding	CBM-20045 ERROR: User <caller> not authorized for Physical Load Bidding.
CBM-20046	Load Bidding	CBM-20046 ERROR: User <caller> not authorized for Virtual Load Bidding.
CBM-20047	Load Bidding	CBM-20047 ERROR: User <caller> not authorized for Virtual Supply Bidding.
CBM-20048	Load Bidding	CBM-20048 ERROR: Unrecognized load type: <load type>

Error Code	Area	Error Message
CBM-20049	Load Bidding	CBM-20049 ERROR: Unable to initialize load bid validator.
CBM-20050	Load Bidding	CBM-20050 ERROR: Interrupt MW values submitted without specifying interrupt type. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20051	Load Bidding	CBM-20051 ERROR: Bus xxx is Not qualified for 10 minute Interruptible Bid. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20052	Load Bidding	CBM-20052 ERROR: Bus xxx is Not qualified for 30 minute Interruptible Bid. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20053	Load Bidding	CBM-20053 ERROR: Interruptible Price Cap \$/MW must be >= 0. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20054	Load Bidding	CBM-20054 ERROR: Interruptible Price Cap MWs must be <= the sum of the positive Price Cap MWs at points 1, 2, and 3. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20055	Load Bidding	CBM-20055 ERROR: Interruptible Price Cap MWs must be > 0. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20056	Load Bidding	CBM-20056 ERROR: Interruptible Fixed \$/MW must be >= 0. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20057	Load Bidding	CBM-20057 ERROR: Interruptible Fixed MWs must be > 0. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20058	Load Bidding	CBM-20058 ERROR: Interruptible Price Cap MWs cannot be entered without a corresponding Price Cap Bid. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20059	Load Bidding	CBM-20059 ERROR: Interruptible Price Cap MWs and \$/MW must be either null or non null. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20060	Load Bidding	CBM-20060 ERROR: Interruptible Fixed MWs cannot be entered without a corresponding Fixed Energy Bid. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20061	Load Bidding	CBM-20061 ERROR: Interruptible Fixed MWs and \$/MW must be either null or non null. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20062	Load Bidding	CBM-20062 ERROR: At least One Load Bid Type must be Submitted. Energy Price Cap Bid MWs at point 1 is non null. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20063	Load Bidding	CBM-20063 ERROR: Fixed Energy Bid MWs must be >= 0. MW value: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]

Error Code	Area	Error Message
CBM-20064	Load Bidding	CBM-20064 ERROR: Forecast Energy Bid MWs must be >= 0. MW value: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20065	Load Bidding	CBM-20065 ERROR: Unable to initialize load bid validator. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20066	Load Bidding	CBM-20066 ERROR: Bid must identify a valid load bus. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20067	Load Bidding	CBM-20067 ERROR: The Energy Forecast Bid MWs must be a whole number. MW value: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20068	Load Bidding	CBM-20068 ERROR: The Energy Bid MW must be a whole number. MW value: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20069	Load Bidding	CBM-20069 ERROR: The Interruptible Price Cap MW must be a whole number. MW value: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20070	Load Bidding	CBM-20070 ERROR: The Interruptible Fixed MW must be a whole number. MW value: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20071	Load Bidding	CBM-20071 ERROR: The Energy Price Cap MW must be a whole number. MW value: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20072	Load Bidding	CBM-20072 ERROR: Bus xxx is not qualified for Fixed or Forecast Bid. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20073	Load Bidding	CBM-20073 ERROR: Cannot bid physical load against a load bus that is not of type Real Load or Station Service Load. Load type: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20074	Load Bidding	CBM-20074 ERROR: Cannot bid virtual supply against a load bus that is not of type Virtual Supply. Load type: xxx Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20075	Load Bidding	CBM-20075 ERROR: Sink Bus: xxx not found. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20076	Load Bidding	CBM-20076 ERROR: Forecast MW are greater than maximum allowable value. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20077	Load Bidding	CBM-20077 ERROR: Fixed MW are greater than maximum allowable value. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20078	Load Bidding	CBM-20078 ERROR: Price Cap MW are greater than maximum allowable value. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]

Error Code	Area	Error Message
CBM-20079	Load Bidding	CBM-20079 ERROR: Interrupt Fixed Dollars are greater than maximum allowable value. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20080	Load Bidding	CBM-20080 ERROR: Interrupt Fixed MW are greater than maximum allowable value. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20081	Load Bidding	CBM-20081 ERROR: Unable to determine if load is price cap qualified. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
CBM-20082	Load Bidding	CBM-20082 ERROR: Price Cap Dollars are greater than maximum allowable value. Bus [Sink Bus Name], ptid = [Sink Bus PTID] for [Bid Time]
UPD-10001	CBM Up/Down	UPD-10001 ERROR: The field Date & Time can not be null.
UPD-10002	CBM Up/Down	UPD-10002 ERROR: [Date & Hour field value] is an invalid Date.
UPD-10003	CBM Up/Down	UPD-10003 ERROR: The field 'Load Area Bus' can not be null.
UPD-10004	CBM Up/Down	UPD-10004 ERROR: If bid id is not provided then both bid date time and load identifier must be provided.
UPD-10005	CBM Up/Down	UPD-10005 ERROR: User xxx not authorized to delete bids.
UPD-10006	CBM Up/Down	UPD-10006 ERROR: "xxx" is an invalid xxx.
UPD-10007	CBM Up/Down	UPD-10007 ERROR: User xxx not authorized to bid.
UPD-10008	CBM Up/Down	UPD-10008 ERROR: The field Market can not be null.
UPD-10009	CBM Up/Down	UPD-10009 ERROR: The field Market must equal DAM, HAM or NON-FIRM.
UPD-10010	CBM Up/Down	UPD-10010 ERROR: The field Market must equal DAM or HAM.
UPD-10011	CBM Up/Down	UPD-10011 ERROR: The field Source can not be null.
UPD-10012	CBM Up/Down	UPD-10012 ERROR: The field Sink can not be null.
UPD-10013	CBM Up/Down	UPD-10013 ERROR: The field User Reference can not be null.

Error Code	Area	Error Message
UPD-10014	CBM Up/Down	UPD-10014 ERROR: Invalid User Reference. Must not contain the text "Emergency".
UPD-10015	CBM Up/Down	UPD-10015 ERROR: The field Bid Energy MW can not be null.
UPD-10016	CBM Up/Down	UPD-10016 ERROR: The field NERC Priority can not be null.
UPD-10017	CBM Up/Down	UPD-10017 ERROR: [NERC Priority field value] is an invalid NERC priority id.
UPD-10018	CBM Up/Down	UPD-10018 ERROR: [NERC Priority field value] is an invalid NERC Priority Id. NERC Priority ID must = 7 for Multi Hour Block Transactions.
UPD-10019	CBM Up/Down	UPD-10019 ERROR: [Transaction Priority field value] is an invalid Transaction Priority.
UPD-10020	CBM Up/Down	UPD-10020 ERROR: [Sink Price Cap Dollar field value] is an invalid Sink Price Cap Dollar.
UPD-10021	CBM Up/Down	UPD-10021 ERROR: [Decremental Dollar field value] is an invalid Decremental Dollar.
UPD-10022	CBM Up/Down	UPD-10022 ERROR: [HAM Bid Price field value] is an invalid HAM Bid Price.
UPD-10023	CBM Up/Down	UPD-10023 ERROR: The field Minimum Run Time must be null.
UPD-10024	CBM Up/Down	UPD-10024 ERROR: [Min Run Time value] is an invalid Min Run Time.
UPD-10025	CBM Up/Down	UPD-10025 ERROR: [TRANSACTION_ID value] is an invalid TRANSACTION_ID.
UPD-10026	CBM Up/Down	UPD-10026 ERROR: [FRP_CONFIRMED Value] is an invalid FRP Confirm Value.
UPD-10027	CBM Up/Down	UPD-10027 ERROR: [SELLER_CONFIRMED Value] is an invalid SELLER Confirm Value.
UPD-10028	CBM Up/Down	UPD-10028 ERROR: [BUYER_CONFIRMED Value] is an invalid BUYER Confirm Value.
UPD-10029	CBM Up/Down	UPD-10029 ERROR: [STATUS Value] is an invalid Status.
UPD-10030	CBM Up/Down	UPD-10030 ERROR: [BID_ID value] is an invalid BID_ID.

Error Code	Area	Error Message
UPD-10031	CBM Up/Down	UPD-10031 ERROR: Source Generator: [SOURCE value] is an invalid Source.
UPD-10032	CBM Up/Down	UPD-10032 ERROR: Sink Bus: [SINK value] is an invalid Sink.
UPD-10033	CBM Up/Down	UPD-10033 ERROR: NUM_ROWS: [num_rows value] is an invalid NUM_ROWS.
UPD-10034	CBM Up/Down	UPD-10034 ERROR: Bid MW: [bid_mw value] is an invalid Bid MW.
UPD-10035	CBM Up/Down	UPD-10035 ERROR: [conf_flag value] is an invalid confirmation flag, must be Y or N.
UPD-10036	CBM Up/Down	UPD-10036 ERROR: Hour 25 cannot be submitted for this date.
UPD-10042	CBM Up/Down	UPD-10042 ERROR: xxx is an invalid bus.
UDF-10001	U/D Framework	UDF-10001 ERROR: The file could not be opened.
UDF-10002	U/D Framework	UDF-10002 ERROR: QUERY_TYPE is missing.
UDF-10003	U/D Framework	UDF-10003 ERROR: The header variable USERID is not in [submitted header data]
UDF-10004	U/D Framework	UDF-10004 ERROR: The header variable PASSWORD is not in [submitted header data]
UDF-10005	U/D Framework	UDF-10005 ERROR: The header variable DATA_ROWS is not in [submitted header data]
UDF-10006	U/D Framework	UDF-10006 ERROR: Error Reading Header.
UDF-10007	U/D Framework	UDF-10007 ERROR: Invalid username/password; logon denied.
UDF-10008	U/D Framework	UDF-10008 ERROR: Can't process more than 50000 data rows per file.
UDF-10009	U/D Framework	UDF-10009 ERROR: No Data Rows Entered.
UDF-10010	U/D Framework	UDF-10010 ERROR: Failed data rows checksum evaluation. Data rows read from request: [number of data rows in input file]; Data rows in header: [value of DATA_ROWS parameter]

Error Code	Area	Error Message
UDF-10011	U/D Framework	UDF-10011 ERROR: You can not run an Upload/Download request of the same type until your previous request has completed.
UDF-10012	U/D Framework	UDF-10012 ERROR: The row contains no data;
UDF-10015	U/D Framework	UDF-10015 Error: xxx is an invalid value for DATA_ROWS.
UDF-10016	U/D Framework	UDF-10016 ERROR: Only HTTP POST is supported in Upload/Download.
UDF-10017	U/D Framework	UDF-10017 ERROR: No file specified.
UDF-10018	U/D Framework	UDF-10018 ERROR: The template does not match any known template types.
UDF-10019	U/D Framework	UDF-10019 ERROR: Unable to load converter for template: xxx