Remote Tank Read Audit Log

Last Modified on 02/27/2025 4:47 pm EST

Located in the *RTM Import Menu* screen, this file displays an audit log of all of the import readings that have been imported. This table can be reviewed to determine if a customer tank has imported properly and displays the tank imports in descending order.

1. Press **Ctrl+R** on the keyboard.

2. Select the field to search from the *Name* drop-down (*Tank RRN, Customer, Tank Reading Date*).

3. Enter the search values in the *From* and *To value* fields.

4. Arrow down to enter additional search variables and select **OK** when finished.
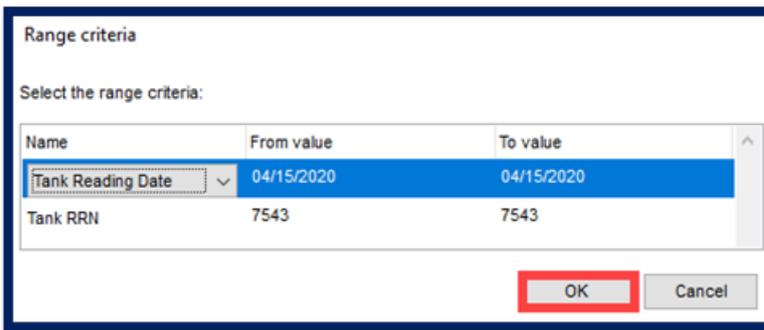
5. The system will automatically filter down to display the results entered.

6. To verify that a monitor is reading enter the *Tank Reading Date* (or range of dates).

7. Select the *Import Error* header record to sort the data.

8. Click again to bring the errors to the top of the screen.

Page down to see the different errors and correct the information as needed in the monitor portal or in Energy Force.

Field validating on	In the field	Written to Audit Log	Updated Tank	Reason / Notes	Previously an audit record in the audit log?	Does it ever show	Error Message
Batch number	Empty or 0	Yes	Yes		No	Yes	Batch # is zero.
Customer number	Empty, 0, or Invalid Customer #	No	No		Both	Yes	TankRRN 1234 is either inactive or could not be found under Customer 0
Gallons Left	Empty or 0	Yes	Yes	When 0 gallons and a percentage that is greater than 0 in the audit log both after gallons left and after % left is 0. However, when updating the tank gallons is set to 0 and the percent is set to the percent in the file.	No	Yes	Gallons left in tank is zero
Percent left	Empty or 0	Yes	Yes	In the log it calculates the estimated percent left using the tank capacity in EF and shows both the after tank gallons and after tank percent. When it updates the tank it shows Empty field for Est Percent Left and updates the Est Gallons left.	No	Yes	Tank Percent Left is zero.
Reading Date	Empty, 00/00/0000, or invalid	No	No	This gets hit when the reading date is empty or 0 because both an empty date in the audit log is 0 and the date that comes in is 0 so they equate. If date is invalid it comes in as 0 also.	No	Yes	Reading Date was previously processed for tank RRN___ Customer Number ___
Reading Date	Empty, 00/00/0000, or Invalid	No	No		Yes	Yes	Reading Date 00/00/0000 is prior to most recent reading of _____ for Customer#: ____ Tank RRN: ____ AND Reading Date 00/00/0000 is prior to 5 days ago.
Reading Date	If the date is prior to 5 days from the current date.	No	No		No	Yes	Reading date is prior to 5 days ago.
Reading Date	Prior to a reading date in the audit table.	No	No		No	Yes	Reading Date _____ is prior to more recent reading of _____ for customer # _____ Tank RRN _____
Reading Date	Date is the same date as a deliver to that tank.	No	No		No	Yes	Meter reading and delivery occurred on the same day.
Reading Time	Invalid	Yes	Yes		No		No Error shows
Reading Time	Empty or 0	Yes	Yes		No	Yes	Reading time is 0.
Tank number	Empty or 0	No	No		No	Yes	Tank RRN 0 is either inactive or could not be found under Customer# _____
					No	No	Customer# is not valid.
					No	No	Reading Date ___ is not valid.
Note:	When the audit log is updated it looks like it calculates the percent in the audit log. However, when the tank is updated it updates it with the percent that comes from the import file.						