# Remote Tank Read Audit Log

Last Modified on 03/03/2026 5:39 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.