

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.

Range criteria

Select the range criteria:

Name	From value	To value
Tank Reading Date	04/15/2020	04/15/2020
Tank RRN	7543	7543

5. The system will automatically filter down to display the results entered.

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File Type	File Name	Line	User Id	Import Date	Import Time	Division #	Customer #	Tank RRN	Meter #	Reading Date	Reading Time	Est Glns	% Left	After Est Glns	After % Left	Error Type	Import Error
We	wesroc.csv	648	AUTO	05/10/2022	04:10:18	1	414688	30343	RTM909335	05/09/2022	20:43:38	400.00	80%	340.00	68%		
We	wesroc.csv	647	AUTO	05/10/2022	04:10:18	1	20215	21787	RTM907761	05/09/2022	22:46:26	385.00	77%	395.00	79%		
We	wesroc.csv	646	AUTO	05/10/2022	04:10:18	1	181140	33214	FRTM874677	05/10/2022	01:28:36	1700.00	85%	1520.00	76%		
We	wesroc.csv	645	AUTO	05/10/2022	04:10:18	1	19971	27584	FRTM874612	05/10/2022	01:33:02	72.00	9%	64.00	8%		
We	wesroc.csv	644	AUTO	05/10/2022	04:10:18	1	181140	33094	FRTM869286	05/10/2022	00:07:07	50.00	10%	475.00	95%		
We	wesroc.csv	643	AUTO	05/10/2022	04:10:18	1	181140	31903	FRTM869279	05/10/2022	01:07:04	680.00	68%	680.00	68%		
We	wesroc.csv	642	AUTO	05/10/2022	04:10:18	1	426500	1112	RTM864871	05/09/2022	22:09:04	385.00	77%	385.00	77%		
We	wesroc.csv	641	AUTO	05/10/2022	04:10:18	1	19749	3235	RTM864871	05/09/2022	23:04:30	235.00	47%	235.00	47%		
We	wesroc.csv	640	AUTO	05/10/2022	04:10:18	1	160332	4012	RTM864870	05/09/2022	20:14:58	379.50	76%	380.00	76%		
We	wesroc.csv	639	AUTO	05/10/2022	04:10:18	1	574333	20570	RTM864869	05/09/2022	23:06:57	289.50	58%	290.00	58%		
We	wesroc.csv	638	AUTO	05/10/2022	04:10:18	1	364526	30715	RTM864868	05/09/2022	22:08:21	305.00	61%	305.00	61%		
We	wesroc.csv	637	AUTO	05/10/2022	04:10:18	1	48930	33260	RTM864867	05/10/2022	00:14:10	275.00	55%	280.00	56%		
We	wesroc.csv	636	AUTO	05/10/2022	04:10:18	1	14660	2740	RTM864866	05/09/2022	19:05:02	600.00	60%	600.00	60%		
We	wesroc.csv	635	AUTO	05/10/2022	04:10:18	1	14660	13954	RTM864864	05/09/2022	21:20:05	230.00	46%	230.00	46%		
We	wesroc.csv	634	AUTO	05/10/2022	04:10:18	1	508104	32732	RTM864863	05/09/2022	21:11:35	230.00	46%	230.00	46%		
We	wesroc.csv	633	AUTO	05/10/2022	04:10:18	1	169705	15877	RTM864860	05/10/2022	01:10:18	220.00	44%	215.00	43%		
We	wesroc.csv	632	AUTO	05/10/2022	04:10:18	1	2294	1841	RTM864867	05/09/2022	22:21:01	250.00	50%	255.00	51%		
We	wesroc.csv	631	AUTO	05/10/2022	04:10:18	1	100966	21132	RTM864858	05/09/2022	21:19:35	330.00	66%	330.00	66%		
We	wesroc.csv	630	AUTO	05/10/2022	04:10:18	1	130994	17930	RTM864856	05/10/2022	01:17:38	379.30	76%	380.00	76%		
We	wesroc.csv	629	AUTO	05/10/2022	04:10:18	1	578452	33102	RTM864852	05/09/2022	22:07:03	159.80	32%	160.00	32%		
We	wesroc.csv	628	AUTO	05/10/2022	04:10:18	1	18906	18595	RTM864850	05/09/2022	22:16:13	229.30	46%	230.00	46%		
We	wesroc.csv	627	AUTO	05/10/2022	04:10:18	1	18784	5860	RTM864844	05/10/2022	00:14:29	310.00	31%	310.00	31%		
We	wesroc.csv	626	AUTO	05/10/2022	04:10:18	1	288240	1048	RTM864839	05/09/2022	21:17:44	264.50	53%	265.00	53%		
We	wesroc.csv	625	AUTO	05/10/2022	04:10:18	1	902925	21769	RTM864836	05/09/2022	21:03:12	305.00	61%	305.00	61%		
We	wesroc.csv	624	AUTO	05/10/2022	04:10:18	1	788333	32415	FRTM856626	05/10/2022	00:25:50	8400.00	70%	8040.00	67%		
We	wesroc.csv	623	AUTO	05/10/2022	04:10:18	1	906504	6993	BRTM855326	05/09/2022	04:39:24	8820.00	49%	8640.00	48%		
We	wesroc.csv	622	AUTO	05/10/2022	04:10:18	1	228964	33447		05/10/2022	00:44:12	710.00	71%	540.00	54%		
We	wesroc.csv	621	AUTO	05/10/2022	04:10:18	1	181140	31902	FRTM852934	05/10/2022	00:48:09	510.00	51%	300.00	30%		
We	wesroc.csv	620	AUTO	05/10/2022	04:10:18	1	649700	27367	FRTM852932	05/10/2022	00:45:04	810.00	81%	570.00	57%		
We	wesroc.csv	619	AUTO	05/10/2022	04:10:18	1	534080	23516	FRTM852928	05/10/2022	00:48:06	440.00	88%	415.00	83%		

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.

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File Type	File Name	Line	User Id	Import Date	Import Time	Division #	Customer #	Tank RRN	Meter #	Reading Date	Reading Time	Est Glns	% Left	After Est Glns	After % Left	Error Type	Import Error
OK	chs-yuma.csv	1	CHSUser	04/15/2023	04:37:53	1	104973	1002	20272536	04/14/2023	12:11:00	216.59	43%	220.00	44%		
OK	chs-yuma.csv	2	CHSUser	04/15/2023	04:37:53	1	118921	10029	20365525	04/14/2023	17:58:00	292.40	58%	300.00	60%		

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

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File Type	File Name	Line	User Id	Import Date	Import Time	Division #	Customer #	Tank RRN	Meter #	Reading Date	Reading Time	Est Glns	% Left	After Est Glns	After % Left	Error Type	Import Error
OK	chs-yuma.csv	2320	CHSUser	04/15/2023	04:37:53	1	105644	969	20380830	04/14/2023	04:41:00	0.00	0%	440.00	88%	E	Tank RRN: 959 is inactive

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.
<p>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.</p>							