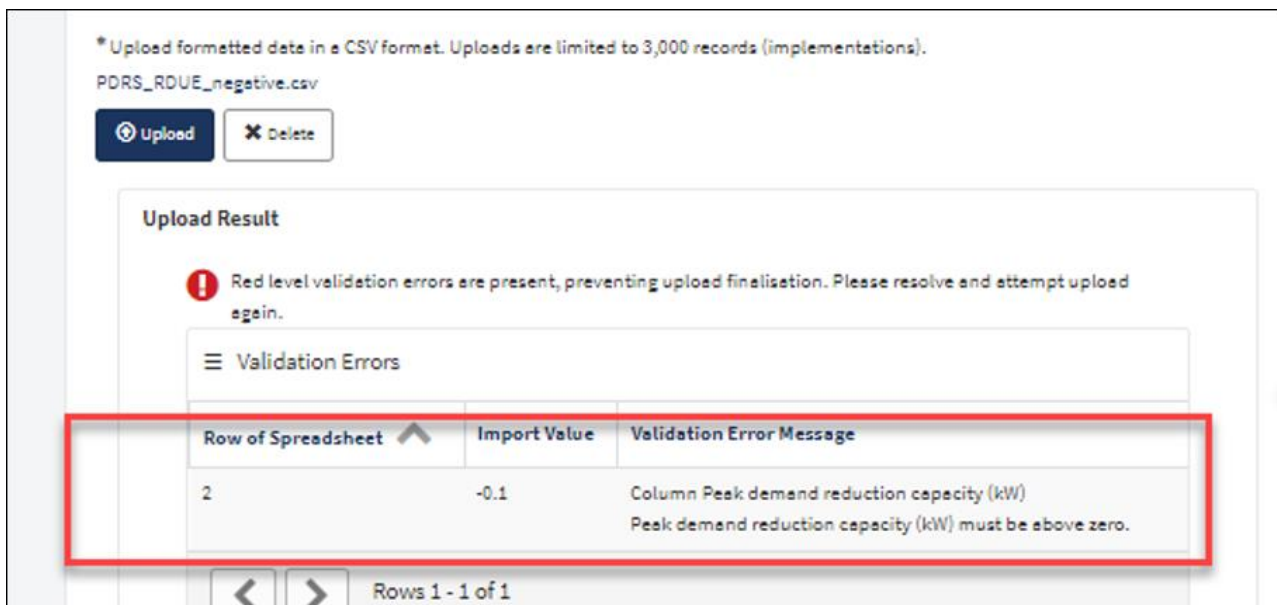**Enhancements to TESSA (September 2024, 2nd release)**

Validation of total energy savings

TESSA will now validate the total savings for each implementation row in the implementation data file.

PDRS

The system will check the 'Peak demand reduction capacity (kW)' column. The value in the 'Peak demand reduction capacity (kW)' must be above zero. If the value is **less than or equal to zero**, the below error will appear.

ESS - PIAM&V, NABERS & Aggregated

The system will check the 'Calculation Method' column.

If the Calculation Method contains:

- Project Impact Assessment with Measurement and Verification Method

- Metered Baseline Method - NABERS Baseline

- Metered Baseline Method - Aggregated Metered Baseline

Then the system will not perform a total energy savings check and will move to the next row in the implementation data file.

ESS – MBM

The system will check the 'Calculation Method' column.

If the Calculation Method contains:

- Metered Baseline Method - Normalised baseline
- Metered Baseline Method - Baseline unaffected by output
- Metered Baseline Method - Baseline per unit of output

Then the total energy savings **must be greater than or equal to zero.**

The system will total the following columns, and use the total to determine the energy savings:

- Electricity Savings (MWh)
- Gas Savings (MWh)
- Diesel Savings (MWh)
- Biofuel Savings (MWh)
- Biogas Savings (MWh)
- Biomass Savings (MWh)
- On-site Renewable Savings (MWh)

If the total energy savings is not **greater than or equal to zero,** the below error will appear.

Upload Result

🚫 Red level validation errors are present, preventing upload finalisation. Please resolve and attempt upload again.

☰ Validation Errors

Row of Spreadsheet	Import Value	Validation Error Message
3	-7.0	Total (net) energy savings (MWh) must greater than or equal to zero.
4	-12.0	Total (net) energy savings (MWh) must greater than or equal to zero.
5	-17.0	Total (net) energy savings (MWh) must greater than or equal to zero.
6	-22.0	Total (net) energy savings (MWh) must greater than or equal to zero.
7	-27.0	Total (net) energy savings (MWh) must greater than or equal to zero.
8	-32.0	Total (net) energy savings (MWh) must greater than or equal to zero.
9	-37.0	Total (net) energy savings (MWh) must greater than or equal to zero.
10	-42.0	Total (net) energy savings (MWh) must greater than or equal to zero.

< > Rows 1 - 8 of 8

ESS - ALL OTHER CALCULATION METHODS

For all other ESS calculation methods, the total savings **must be greater than zero**, the system will total the following columns, and use the total to determine the energy savings:

- Electricity Savings (MWh)

- Gas Savings (MWh)

- Diesel Savings (MWh)

- Biofuel Savings (MWh)

- Biogas Savings (MWh)

- Biomass Savings (MWh)

- On-site Renewable Savings (MWh)

If the total energy savings is not **greater than zero**, the below error message will appear.

'AS/NZS 2712 Certificate Expiry' removed from accepted products published data

The 'AS/NZS 2712 Certificate Expiry' column has been removed from the public data list for accepted products.