

WattNode® Logger for LonWorks® - Option NR1

Overview

Option NR1 is available for WattNode Logger for LonWorks models to change which network variables are logged to the flash memory, and the order in which they are logged to the short and long log records. This supports a customer requirement to log non-resettable energy values and to place the positive energy sum in the short log record for faster downloads.

Without Opt NR1, the meter logs the energy sum (nvoEnergySum) and the positive energy sum (nvoEngyPosSum). The nvoEnergySum value is available in both the short and long log formats, while the nvoEngyPosSum is only available in the long log format.

With Opt NR1, the meter logs the non-resettable positive energy sum (nvoEnergyPosSumNR) in place of nvoEnergySum (available in short and long logs). The meter logs the non-resettable energy sum (nvoEnergySumNR) in place of nvoEnergyPosSum (available only in the long logs).

Details

- Release Date: 2018-08-09
- Add Option NR1 for use with WattNode Logger models with and without Option PT.
- Log nvoEnergyPosSumNR in place of nvoEnergySum
- Log nvoEnergySumNR in place of nvoEnergyPosSum

Firmware Upgrade

It is possible to upgrade existing firmware to these new versions. See our website or contact technical support for the upgrade files. There are some important notes:

- 1) The upgrade will only change how data is logged after the upgrade. It will not affect existing log records. We recommend you download all log records immediately before performing the firmware upgrade so that all new records will be consistent.
- 2) We recommend against an upgrade that would add or remove Option PT, as this may cause problems. In other words, if your meter has Option PT, then use the Opt PT,NR1 firmware version. If your meter does not have Option PT, then use the Opt NR1 firmware version.
- 3) CCS can upgrade meters for a service charge.

Versions and LonWorks IDs

Common Information

- LonWorks Resource Files: Standard - Ver 13.0, CControlSys - Ver 1.05

Logger with Option NR1

- Firmware version: 3.73
- Program ID: 8:00022:1500:0A:04:0A - FT10 Logger, Option NR1
- XIF File Name: WNC-FT-Log-NR1-373.XIF
- Firmware Flash Image: WNC-FT-Log-NR1-373.NXE
- Device Template Name: WNC-FT-Log-NR1-373

Logger with Option PT, NR1

- Firmware version: 3.72
- Program ID: 9:00022:1500:0A:04:0D - FT10 Logger, Option PT, NR1
- XIF File Name: WNC-FT-Log-PT-NR1-372.XIF
- Firmware Flash Image: WNC-FT-Log-PT-NR1-372.NXE
- Device Template Name: WNC-FT-Log-PT-NR1-372

Additional Information

See the regular WattNode manual for information not in this supplement:

- **WattNode Logger for LonWorks Installation and Operation Manual**

Contact technical support for other questions.