# endicator™

## intelligent energy monitoring

## endicator™ Timestamps

Since endicator™ has an internal real–time calendar/clock, it is able to save the date and time when certain events of interest occurred.  The date/time information is known as a "timestamp" and includes year, day, month, hour, and minute.

Timestamps are not modified by the user.  They are automatically updated by endicator™ when the associated event occurs.

Here is a list of events which have associated timestamps, and their BACnet objects:

(AO = Analog Output Object, AI = Analog Input Object, BO = Binary Output Object)

| Event | Initiated By | Timestamp Objects |
|-------|-------------|-------------------|
| Clear Totalizers | Writing any value to AO 0   *OR*  Setting active BO 0. | AI 59 (Year)  AI 60 (Month & Day)  AI 61 (Hour & Minute) |
| Peak Window KW Occurs. | endicator™ tags event automatically. | AI 62 (Year)  AI 63 (Month & Day)  AI 64 (Hour & Minute) |
| Clear Peak Window KW event. | Writing any value to AO 1   *OR*  Setting active BO 1. | AI 65 (Year)  AI 66 (Month & Day)  AI 67 (Hour & Minute) |

Note that AI 60, 63, and 66 each contain 2 separate pieces of information.  The high data byte is the Month (value 1-12) and the low data byte is the Day (value 1-31).

Note that AI 61, 64, and 67 each contain 2 separate pieces of information.  The high data byte is the Hour (value 0-23) and the low data byte is the Minute (value 0-59).