

Issue 5345

61968-11

Add attribute nextReadingSchedule to UsagePoint
Background and current usage of the information

Background and examples

- Among a lot of information the (new) Energy supplier will be informed about when "the next reading" will occur
- Example:
 - At the day of "change of supplier" there is (normally) an (extra) reading, but when will the next (ordinary) reading be done? If it is a yearly read meter, will next reading take place in the summer, next month, or at some date next year? In the electricity industry we have fewer and fewer annual read meters. But even if read once a month, you can then inform: "at midnight March 1st".
 - In the gas industry, the same standards and systems are usually used as for electricity. But the annual readings are more common – and "midnight" may not be at "midnight".

The need has been implemented differently...

- In Denmark it is a "MM-DD" information that is provided
 - Example: 10-17: Next reading will occur October 17th
- In Sweden and Norway it was implemented as a date
 - Or actually as a dateTime attribute (but with "0000" in Sweden)
- If the next annual reading will be done in January 2024, you may not know yet at which date
 - Then just "January" should be possible to send in the message
- In Belgium it has been implemented with two attributes, one telling the month another telling the day

What datatype to use?

- A datatype "DateTime" is not possible to use with "MM-DD", it should be more generic
- In the implementations / (local) profiles it could then become
 - gMonthDay (MM-DD)
 - dateTime
 - date
- The suggestion would then be to have the attribute as String in canonical CIM