



Draft Legal Text

SECAS Contact:

Name:

Harry Jones

Number:

020 7081 3345

Email:

SEC.change@gemserv.com

SECMP0018:

Standard Electricity Distributor Configuration Settings

Summary

This modification aims to set default values for Electricity Network Parties (ENPs) configuration settings for all Electrical Smart Metering Equipment (ESME). This will reduce the need for ENPs to apply settings immediately after the ESME is first installed and commissioned.

About this document

This document contains the draft SEC legal text that will deliver the intent of SECMP00018.

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1. Draft Legal Text

This section sets out the draft Legal Text Changes for SECMP0018. These changes have been drafted against the GB Companion Specification (GBCS) version 3.0.

Schedule 8 - GB Companion Specification Version 3.0,

Changes to Schedule 8 - GB Companion Specification Version 3.0, Annex 7: Data Item Values to be set prior to installation of Device

Annex 7 – Data Item Values to be set prior to installation of Devices

Tables 28a and 28b lists data items and values that shall be configured in Devices prior to installation.

Device	Data Item	Reference	Value	Notes
ESME (all variants)	Maximum Meter Balance Threshold	SMETS 5.7.4.27	300,000,000 millipence	NA
ESME (all variants)	Randomised Offset Limit	SMETS 5.7.4.33	600 seconds	The Randomised Offset Is the product of the Randomised Offset Limit(5.7.4.33) and the Randomised Offset Number(5.7.1.5) rounded to the nearest second. This value is used to delay the Tariff Switching Table times, the Auxiliary Load Control Switch switching times, and HAN Connected Auxiliary Load Control Switch switching times
<u>ESME (all variants)</u>	<u>RMS Extreme Over Voltage Threshold</u>	<u>SMETS 5.7.4.35</u>	<u>265.0 volts</u>	<u>GBCS Use Cases specify a resolution to tenths of volts</u>
<u>ESME (all variants)</u>	<u>RMS Extreme Over Voltage Measurement Period</u>	<u>SMETS 5.7.4.34</u>	<u>180 seconds</u>	<u>NA</u>
<u>ESME (all variants)</u>	<u>RMS Extreme Under Voltage Threshold</u>	<u>SMETS 5.7.4.37</u>	<u>190.0 volts</u>	<u>NA</u>
<u>ESME (all variants)</u>	<u>RMS Extreme Under Voltage Measurement Period</u>	<u>SMETS 5.7.4.36</u>	<u>180 seconds</u>	<u>NA</u>
<u>ESME (all variants)</u>	<u>RMS Voltage Sag Threshold</u>	<u>SMETS 5.7.4.40</u>	<u>190.0 volts</u>	<u>NA</u>

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Device	Data Item	Reference	Value	Notes
ESME (all variants)	RMS Voltage Sag Measurement Period	SMETS 5.7.4.38	180 seconds	NA
ESME (all variants)	RMS Voltage Swell Threshold	SMETS 5.7.4.41	265.0 volts	NA
ESME (all variants)	RMS Voltage Swell Measurement Period	SMETS 5.7.4.39	180 seconds	NA
ESME (all variants)	(Phase[1]) Average RMS Voltage Measurement Period	SMETS 5.7.4.6 (5.19.1.3)	1800 seconds	NA
ESME (all variants)	(Phase[1]) Average RMS Under Voltage Threshold	SMETS 5.7.4.5 (5.19.1.2)	212.0 volts	NA
ESME (all variants)	(Phase[1]) Average RMS Over Voltage Threshold	SMETS 5.7.4.4 (5.19.1.1)	258.0 volts	NA
Polyphase ESME	Phase[2] Average RMS Voltage Measurement Period	SMETS 5.19.1.3	1800 seconds	NA
Polyphase ESME	Phase[2] Average RMS Under Voltage Threshold	SMETS 5.19.1.2	212.0 volts	NA
Polyphase ESME	Phase[2] Average RMS Over Voltage Threshold	SMETS 5.19.1.1	258.0 volts	NA
Polyphase ESME	Phase[3] Average RMS Voltage Measurement Period	SMETS 5.19.1.3	1800 seconds	NA
Polyphase ESME	Phase[3] Average RMS Under Voltage Threshold	SMETS 5.19.1.2	212.0 volts	NA
Polyphase ESME	Phase[3] Average RMS Over Voltage Threshold	SMETS 5.19.1.1	258.0 volts	NA
ESME (all variants)	Maximum Demand Configurable Time Period: - start time	SMETS 5.7.4.26	16:00 in hh:mm	
ESME (all variants)	Maximum Demand Configurable Time Period:- end time	SMETS 5.7.4.26	20:00 in hh:mm	

Table 0a: Data items and values to be configured prior to installation of Devices

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Data Item	Reference	COSEM class ID	OBIS Code	Attribute ID	Attribute Name	COSEM datatype	Encoded value	Decoded value
Maximum Meter Balance Threshold	SMETS 5.7.4.27	9000	0-0:94.44.2.20	4	value_passive	double-long	0x11E1A300	300,000,000
Randomised Offset Limit	SMETS 5.7.4.33	1	0-0:94.44.0.1	2	value	long-unsigned	0x0258	600
RMS Extreme Over Voltage Threshold	SMETS 5.7.4.35	71	0-0:17.0.1.255	4	threshold_normal	double-long-unsigned	0x00000A5A	2650
RMS Extreme Over Voltage Measurement Period	SMETS 5.7.4.34	71	0-0:17.0.1.255	6	min_over_threshold_duration	double-long-unsigned	0x000000B4	180
RMS Extreme Under Voltage Threshold	SMETS 5.7.4.37	71	0-0:17.0.2.255	4	threshold_normal	double-long-unsigned	0x0000076C	1900
RMS Extreme Under Voltage Measurement Period	SMETS 5.7.4.36	71	0-0:17.0.2.255	6	min_over_threshold_duration	double-long-unsigned	0x000000B4	180
RMS Voltage Sag Threshold	SMETS 5.7.4.40	71	0-0:17.0.3.255	4	threshold_normal	double-long-unsigned	0x0000076C	1900
RMS Voltage Sag Measurement Period	SMETS 5.7.4.38	71	0-0:17.0.3.255	6	min_over_threshold_duration	double-long-unsigned	0x000000B4	180
RMS Voltage Swell Threshold	SMETS 5.7.4.41	71	0-0:17.0.4.255	4	threshold_normal	double-long-unsigned	0x00000A5A	2650
RMS Voltage Swell Measurement	SMETS 5.7.4.39	71	0-0:17.0.4.255	6	min_over_threshold_duration	double-long-unsigned	0x000000B4	180

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Data Item	Reference	COSEM class ID	OBIS Code	Attribute ID	Attribute Name	COSEM datatype	Encoded value	Decoded value
<u>ment</u> <u>Period</u>								
(Phase[1]) Average RMS Voltage Measure ment Period	SMETS 5.7.4.6 (5.19.1.3)	<u>7</u>	<u>1- 0:32.24.0.255</u>	<u>4</u>	<u>capture _period</u>	<u>double- long- unsigne d</u>	<u>0x00000 708</u>	<u>1800</u>
(Phase[1]) Average RMS Under Voltage Threshold	SMETS 5.7.4.5 (5.19.1.2)	<u>1</u>	<u>1-0:32.31.0.4</u>	<u>2</u>	<u>value</u>	<u>double- long- unsigne d</u>	<u>0x00000 848</u>	<u>2120</u>
(Phase[1]) Average RMS Over Voltage Threshold	SMETS 5.7.4.4 (5.19.1.1)	<u>1</u>	<u>1-0:32.35.0.4</u>	<u>2</u>	<u>value</u>	<u>double- long- unsigne d</u>	<u>0x00000 A14</u>	<u>2580</u>
Phase[2] Average RMS Voltage Measure ment Period	SMETS 5.19.1.3	<u>7</u>	<u>1- 0:52.24.0.255</u>	<u>4</u>	<u>capture _period</u>	<u>double- long- unsigne d</u>	<u>0x00000 708</u>	<u>1800</u>
Phase[2] Average RMS Under Voltage Threshold	SMETS 5.19.1.2	<u>1</u>	<u>1-0:52.31.0.4</u>	<u>2</u>	<u>value</u>	<u>double- long- unsigne d</u>	<u>0x00000 848</u>	<u>2120</u>
Phase[2] Average RMS Over Voltage Threshold	SMETS 5.19.1.1	<u>1</u>	<u>1-0:52.35.0.4</u>	<u>2</u>	<u>value</u>	<u>double- long- unsigne d</u>	<u>0x00000 A14</u>	<u>2580</u>
Phase[3] Average RMS Voltage Measure ment Period	SMETS 5.19.1.3	<u>7</u>	<u>1- 0:72.24.0.255</u>	<u>4</u>	<u>capture _period</u>	<u>double- long- unsigne d</u>	<u>0x00000 708</u>	<u>1800</u>
Phase[3] Average RMS	SMETS 5.19.1.2	<u>1</u>	<u>1-0:72.31.0.4</u>	<u>2</u>	<u>value</u>	<u>double- long-</u>	<u>0x00000 848</u>	<u>2120</u>

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Data Item	Reference	COSEM class ID	OBIS Code	Attribute ID	Attribute Name	COSEM datatype	Encoded value	Decoded value
<u>Under Voltage Threshold</u>						<u>unsigned</u>		
<u>Phase[3] Average RMS Over Voltage Threshold</u>	<u>SMETS 5.19.1.1</u>	<u>1</u>	<u>1-0:72.35.0.4</u>	<u>2</u>	<u>value</u>	<u>double-long-unsigned</u>	<u>0x00000A14</u>	<u>2580</u>

Table 28b: DLMS COSEM values to be configured in Devices at manufacture.

<u>Event / Alert Code</u>	<u>Event / Alert Code Meaning</u>	<u>Default Configuration - Send WAN Alert</u> <u>Y = Send Alert</u> <u>N = Do not send Alert</u>	<u>Default Configuration - Store Alert in Power Event Log</u> <u>Y = Store in log</u> <u>N = Do not store in log</u>
<u>0x8002</u>	<u>Average RMS Voltage above Average RMS Over Voltage Threshold (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8003</u>	<u>Average RMS Voltage above Average RMS Over Voltage Threshold on Phase 1 (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8004</u>	<u>Average RMS Voltage above Average RMS Over Voltage Threshold on Phase 2 (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8005</u>	<u>Average RMS Voltage above Average RMS Over Voltage Threshold on Phase 3 (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8006</u>	<u>Average RMS Voltage below Average RMS Under Voltage Threshold (current value below threshold; previous value above threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8007</u>	<u>Average RMS Voltage below Average RMS Under Voltage Threshold on Phase 1 (current value below threshold; previous value above threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8008</u>	<u>Average RMS Voltage below Average RMS Under Voltage Threshold on Phase 2 (current value below threshold; previous value above threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8009</u>	<u>Average RMS Voltage below Average RMS Under Voltage Threshold on Phase 3 (current value below threshold; previous value above threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8020</u>	<u>RMS Voltage above Extreme Over Voltage Threshold (voltage rises above for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>

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<u>Event / Alert Code</u>	<u>Event / Alert Code Meaning</u>	<u>Default Configuration - Send WAN Alert</u> <u>Y = Send Alert</u> <u>N = Do not send Alert</u>	<u>Default Configuration - Store Alert in Power Event Log</u> <u>Y = Store in log</u> <u>N = Do not store in log</u>
<u>0x8002</u>	<u>Average RMS Voltage above Average RMS Over Voltage Threshold (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8003</u>	<u>Average RMS Voltage above Average RMS Over Voltage Threshold on Phase 1 (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8021</u>	<u>RMS Voltage above Extreme Over Voltage Threshold on Phase 1 (voltage rises above for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x8022</u>	<u>RMS Voltage above Extreme Over Voltage Threshold on Phase 2 (voltage rises above for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x8023</u>	<u>RMS Voltage above Extreme Over Voltage Threshold on Phase 3 (voltage rises above for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x8024</u>	<u>RMS Voltage above Voltage Swell Threshold (voltage rises above for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x8025</u>	<u>RMS Voltage above Voltage Swell Threshold on Phase 1 (voltage rises above for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x8026</u>	<u>RMS Voltage above Voltage Swell Threshold on Phase 2 (voltage rises above for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x8027</u>	<u>RMS Voltage above Voltage Swell Threshold on Phase 3 (voltage rises above for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x8028</u>	<u>RMS Voltage below Extreme Under Voltage Threshold (voltage falls below for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x8029</u>	<u>RMS Voltage below Extreme Under Voltage Threshold on Phase 1 (voltage falls below for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x802A</u>	<u>RMS Voltage below Extreme Under Voltage Threshold on Phase 2 (voltage falls below for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x802B</u>	<u>RMS Voltage below Extreme Under Voltage Threshold on Phase 3 (voltage falls below for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x802C</u>	<u>RMS Voltage below Voltage Sag Threshold (voltage falls below for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x802D</u>	<u>RMS Voltage below Voltage Sag Threshold on Phase 1 (voltage falls below for longer than the configurable period)</u>	<u>N</u>	<u>N</u>

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<u>0x8002</u>	<u>Average RMS Voltage above Average RMS Over Voltage Threshold (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8003</u>	<u>Average RMS Voltage above Average RMS Over Voltage Threshold on Phase 1 (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x802E</u>	<u>RMS Voltage below Voltage Sag Threshold on Phase 2 (voltage falls below for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x802F</u>	<u>RMS Voltage below Voltage Sag Threshold on Phase 3 (voltage falls below for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x8085</u>	<u>Average RMS Voltage below Average RMS Over Voltage Threshold (current value below threshold; previous value above threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8086</u>	<u>Average RMS Voltage below Average RMS Over Voltage Threshold on Phase 1 (current value below threshold; previous value above threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8087</u>	<u>Average RMS Voltage below Average RMS Over Voltage Threshold on Phase 2 (current value below threshold; previous value above threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8088</u>	<u>Average RMS Voltage below Average RMS Over Voltage Threshold on Phase 3 (current value below threshold; previous value above threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8089</u>	<u>Average RMS Voltage above Average RMS Under Voltage Threshold (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x808A</u>	<u>Average RMS Voltage above Average RMS Under Voltage Threshold on Phase 1 (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x808B</u>	<u>Average RMS Voltage above Average RMS Under Voltage Threshold on Phase 2 (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x808C</u>	<u>Average RMS Voltage above Average RMS Under Voltage Threshold on Phase 3 (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x808D</u>	<u>RMS Voltage above Extreme Over Voltage Threshold (voltage returns below for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x808E</u>	<u>RMS Voltage above Extreme Over Voltage Threshold on Phase 1 (voltage returns below for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x808F</u>	<u>RMS Voltage above Extreme Over Voltage Threshold on Phase 2 (voltage returns below for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>

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<u>Event / Alert Code</u>	<u>Event / Alert Code Meaning</u>	<u>Default Configuration - Send WAN Alert</u> <u>Y = Send Alert</u> <u>N = Do not send Alert</u>	<u>Default Configuration - Store Alert in Power Event Log</u> <u>Y = Store in log</u> <u>N = Do not store in log</u>
<u>0x8002</u>	<u>Average RMS Voltage above Average RMS Over Voltage Threshold (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8003</u>	<u>Average RMS Voltage above Average RMS Over Voltage Threshold on Phase 1 (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8090</u>	<u>RMS Voltage above Extreme Over Voltage Threshold on Phase 3 (voltage returns below for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x8091</u>	<u>RMS Voltage above Voltage Swell Threshold (voltage returns below for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x8092</u>	<u>RMS Voltage above Voltage Swell Threshold on Phase 1 (voltage returns below for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x8093</u>	<u>RMS Voltage above Voltage Swell Threshold on Phase 2 (voltage returns below for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x8094</u>	<u>RMS Voltage above Voltage Swell Threshold on Phase 3 (voltage returns below for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x8095</u>	<u>RMS Voltage below Extreme Under Voltage Threshold (voltage returns above for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x8096</u>	<u>RMS Voltage below Extreme Under Voltage Threshold on Phase 1 (voltage returns above for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x8097</u>	<u>RMS Voltage below Extreme Under Voltage Threshold on Phase 2 (voltage returns above for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x8098</u>	<u>RMS Voltage below Extreme Under Voltage Threshold on Phase 3 (voltage returns above for longer than the configurable period)</u>	<u>Y</u>	<u>Y</u>
<u>0x8099</u>	<u>RMS Voltage below Voltage Sag Threshold (voltage returns above for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x809A</u>	<u>RMS Voltage below Voltage Sag Threshold on Phase 1 (voltage returns above for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x809B</u>	<u>RMS Voltage below Voltage Sag Threshold on Phase 2 (voltage returns above for longer than the configurable period)</u>	<u>N</u>	<u>N</u>
<u>0x809C</u>	<u>RMS Voltage below Voltage Sag Threshold on Phase 3 (voltage returns above for longer than the configurable period)</u>	<u>N</u>	<u>N</u>

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<u>0x8002</u>	<u>Average RMS Voltage above Average RMS Over Voltage Threshold (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8003</u>	<u>Average RMS Voltage above Average RMS Over Voltage Threshold on Phase 1 (current value above threshold; previous value below threshold)</u>	<u>Y</u>	<u>Y</u>
<u>0x8010</u>	<u>Over Current</u>	<u>N</u>	<u>N</u>
<u>0x8011</u>	<u>Over Current L1</u>	<u>N</u>	<u>N</u>
<u>0x8016</u>	<u>Over Current L2</u>	<u>N</u>	<u>N</u>
<u>0x8013</u>	<u>Over Current L3</u>	<u>N</u>	<u>N</u>
<u>0x8014</u>	<u>Power Factor Threshold Below</u>	<u>N</u>	<u>N</u>
<u>0x8015</u>	<u>Power Factor Threshold Ok</u>	<u>N</u>	<u>N</u>

Table 28c: WAN Alert and Power Event Log settings to be configured prior to installation of Devices



<u>Attribute</u>	<u>COSEM datatype</u>	<u>Tag</u>	<u>Length</u>	<u>Value</u>	<u>Meaning</u>
<u>entries:entries[1..2]</u>	<u>array</u>	<u>0x01</u>	<u>0x02</u>		<u>An array with two entries, the first turns on monitoring and the second turns it off</u>
<u>entries:entries[1].schedule_table_entry.Index</u>	<u>long-unsigned</u>	<u>0x12</u>		<u>0x0001</u>	<u>The first entry which turns monitoring on</u>
<u>entries:entries[1].schedule_table_entry.enable</u>	<u>boolean</u>	<u>0x03</u>		<u>0x01</u>	<u>True, so the entry always executes</u>
<u>entries:entries[1].schedule_table_entry.script_logical_name</u>	<u>octet-string(6)</u>	<u>0x09</u>	<u>0x06</u>	<u>0x00000A8064FF</u>	<u>0-0:10.128.100.255 which, as per Table 7.3.8, is the script table controlling monitoring</u>
<u>entries:entries[1].schedule_table_entry.script_selector</u>	<u>long-unsigned</u>	<u>0x12</u>		<u>0x0001</u>	<u>Meaning start monitoring at the time in this entry</u>
<u>entries:entries[1].schedule_table_entry.switch_time</u>	<u>octet-string(4)</u>	<u>0x09</u>	<u>0x04</u>	<u>0x10000000</u>	<u>16:00:00:00 - the time at which monitoring is to turn on</u>
<u>entries:entries[1].schedule_table_entry.validity_window</u>	<u>long-unsigned</u>	<u>0x12</u>		<u>0xFFFF</u>	<u>The script is processed at any time after power failure</u>
<u>entries:entries[1].schedule_table_entry.exec_weekdays</u>	<u>bit-string(7)</u>	<u>0x04</u>	<u>0x07</u>	<u>0xF8</u>	<u>0xF8 = 0b11111000, which means execute this script on Monday to Friday inclusive</u>

<u>Attribute</u>	<u>COSEM datatype</u>	<u>Tag</u>	<u>Length</u>	<u>Value</u>	<u>Meaning</u>
<u>entries:entries[1]. schedule_table_entry. exec_specdays</u>	<u>bit-string(0)</u>	<u>0x04</u>	<u>0x00</u>		<u>No special day processing</u>
<u>entries:entries[1]. schedule_table_entry. begin_date</u>	<u>octet-string(5)</u>	<u>0x09</u>	<u>0x05</u>	<u>0xFFFF0A1FFF</u>	<u>0xFFFF (means any year), 0x0A (means tenth month, so October), 0x1F (means 31st), and 0xFF (means any day of the week)</u>
<u>entries:entries[1]. schedule_table_entry. end_date</u>	<u>octet-string(5)</u>	<u>0x09</u>	<u>0x05</u>	<u>0xFFFF021CFF</u>	<u>0xFFFF (means any year), 0x02 (means second month, so February), 0x1C (means 28th), and 0xFF (means any day of the week)</u>
<u>entries:entries[2]. schedule_table_entry. index</u>	<u>long-unsigned</u>	<u>0x12</u>		<u>0x0002</u>	<u>The second entry which turns monitoring off</u>
<u>entries:entries[2]. schedule_table_entry. enable</u>	<u>boolean</u>	<u>0x03</u>		<u>0x01</u>	<u>True, so the entry always executes</u>
<u>entries:entries[2]. schedule_table_entry. script_logical_name</u>	<u>octet-string(6)</u>	<u>0x09</u>	<u>0x06</u>	<u>0x00000A8064FF</u>	<u>0-0:10.128.100.255 which, as per Table 7.3.8, is the script table controlling monitoring</u>
<u>entries:entries[2]. schedule_table_entry. script_selector</u>	<u>long-unsigned</u>	<u>0x12</u>		<u>0x0002</u>	<u>Meaning stop monitoring at the time in this entry</u>
<u>entries:entries[2]. schedule_table_entry. switch_time</u>	<u>octet-string(4)</u>	<u>0x09</u>	<u>0x04</u>	<u>0x14000000</u>	<u>20:00:00:00 - the time at which monitoring is to turn off</u>
<u>entries:entries[2]. schedule_table_entry. validity_window</u>	<u>long-unsigned</u>	<u>0x12</u>		<u>0xFFFF</u>	<u>The script is processed at any time after power failure</u>

<u>Attribute</u>	<u>COSEM datatype</u>	<u>Tag</u>	<u>Length</u>	<u>Value</u>	<u>Meaning</u>
<u>entries:entries[2]. schedule_table_entry. exec_weekdays</u>	<u>bit-string(7)</u>	<u>0x04</u>	<u>0x07</u>	<u>0xFE</u>	<u>0xFE = 0b11111110, which means execute this script every day</u>
<u>entries:entries[2]. schedule_table_entry. exec_specdays</u>	<u>bit-string(0)</u>	<u>0x04</u>	<u>0x00</u>		<u>No special day processing</u>
<u>entries:entries[2]. schedule_table_entry. begin_date</u>	<u>octet-string(5)</u>	<u>0x09</u>	<u>0x05</u>	<u>0x000001FFFF</u>	<u>From the start of time</u>
<u>entries:entries[2]. schedule_table_entry. end_date</u>	<u>octet-string(5)</u>	<u>0x09</u>	<u>0x05</u>	<u>0xFFFFFFFF</u>	<u>For all time</u>

Table 28d: Tag, length and values to be populated in attribute 2 of OBIS code 0-0:12.0.0.255 (which relates to the SMETS 'Maximum Demand Configurable Time Period ') to be configured prior to installation of ESME.