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SECMP0018 ‘Standard Electricity Distributor Configuration Settings’

Annex A

Legal text – Version 1.0

About this document

This document contains the redlined changes to the SEC that would be required to deliver this Modification Proposal.

We have redlined these changes against SEC Version 6.2.

Schedule 8 'GB Companion Specification' Version 3.0

Amend tables 28a and 28b in Annex 7 as follows:

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>
<u>ESME (all variants)</u>	<u>RMS Voltage Sag Measurement Period</u>	<u>SMETS 5.7.4.38</u>	<u>180 seconds</u>	<u>NA</u>
<u>ESME (all variants)</u>	<u>RMS Voltage Swell Threshold</u>	<u>SMETS 5.7.4.41</u>	<u>265.0 volts</u>	<u>NA</u>
<u>ESME (all variants)</u>	<u>RMS Voltage Swell Measurement Period</u>	<u>SMETS 5.7.4.39</u>	<u>180 seconds</u>	<u>NA</u>

Device	Data Item	Reference	Value	Notes
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 28a: Data items and values to be configured prior to installation of Devices

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
<u>RMS Extreme Over Voltage Threshold</u>	<u>SMETS 5.7.4.35</u>	<u>71</u>	<u>0-0:17.0.1.255</u>	<u>4</u>	<u>threshold_normal</u>	<u>double-long-unsigned</u>	<u>0x00000A5A</u>	<u>2650</u>
<u>RMS Extreme Over Voltage Measurement Period</u>	<u>SMETS 5.7.4.34</u>	<u>71</u>	<u>0-0:17.0.1.255</u>	<u>6</u>	<u>min_over_threshold_duration</u>	<u>double-long-unsigned</u>	<u>0x000000B4</u>	<u>180</u>
<u>RMS Extreme Under Voltage Threshold</u>	<u>SMETS 5.7.4.37</u>	<u>71</u>	<u>0-0:17.0.2.255</u>	<u>4</u>	<u>threshold_normal</u>	<u>double-long-unsigned</u>	<u>0x0000076C</u>	<u>1900</u>
<u>RMS Extreme Under Voltage Measurement Period</u>	<u>SMETS 5.7.4.36</u>	<u>71</u>	<u>0-0:17.0.2.255</u>	<u>6</u>	<u>min_over_threshold_duration</u>	<u>double-long-unsigned</u>	<u>0x000000B4</u>	<u>180</u>
<u>RMS Voltage Sag Threshold</u>	<u>SMETS 5.7.4.40</u>	<u>71</u>	<u>0-0:17.0.3.255</u>	<u>4</u>	<u>threshold_normal</u>	<u>double-long-unsigned</u>	<u>0x0000076C</u>	<u>1900</u>
<u>RMS Voltage Sag Measurement Period</u>	<u>SMETS 5.7.4.38</u>	<u>71</u>	<u>0-0:17.0.3.255</u>	<u>6</u>	<u>min_over_threshold_duration</u>	<u>double-long-unsigned</u>	<u>0x000000B4</u>	<u>180</u>
<u>RMS Voltage Swell Threshold</u>	<u>SMETS 5.7.4.41</u>	<u>71</u>	<u>0-0:17.0.4.255</u>	<u>4</u>	<u>threshold_normal</u>	<u>double-long-unsigned</u>	<u>0x00000A5A</u>	<u>2650</u>
<u>RMS Voltage Swell</u>	<u>SMETS 5.7.4.39</u>	<u>71</u>	<u>0-0:17.0.4.255</u>	<u>6</u>	<u>min_over_threshold</u>	<u>double-long-</u>	<u>0x000000B4</u>	<u>180</u>

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Data Item	Reference	COSEM class ID	OBIS Code	Attribute ID	Attribute Name	COSEM datatype	Encoded value	Decoded value
Measurement Period					old duration	unsigned		
(Phase[1]) Average RMS Voltage Measurement Period	SMETS 5.7.4.6 (5.19.1.3)	7	1-0:32.24.0.255	4	capture period	double-long-unsigned	0x00000708	1800
(Phase[1]) Average RMS Under Voltage Threshold	SMETS 5.7.4.5 (5.19.1.2)	1	1-0:32.31.0.4	2	value	double-long-unsigned	0x00000848	2120
(Phase[1]) Average RMS Over Voltage Threshold	SMETS 5.7.4.4 (5.19.1.1)	1	1-0:32.35.0.4	2	value	double-long-unsigned	0x00000A14	2580
Phase[2] Average RMS Voltage Measurement Period	SMETS 5.19.1.3	7	1-0:52.24.0.255	4	capture period	double-long-unsigned	0x00000708	1800
Phase[2] Average RMS Under Voltage Threshold	SMETS 5.19.1.2	1	1-0:52.31.0.4	2	value	double-long-unsigned	0x00000848	2120
Phase[2] Average RMS Over Voltage Threshold	SMETS 5.19.1.1	1	1-0:52.35.0.4	2	value	double-long-unsigned	0x00000A14	2580
Phase[3] Average RMS Voltage Measurement Period	SMETS 5.19.1.3	7	1-0:72.24.0.255	4	capture period	double-long-unsigned	0x00000708	1800

Data Item	Reference	COSEM class ID	OBIS Code	Attribute ID	Attribute Name	COSEM datatype	Encoded value	Decoded value
Phase[3] Average RMS Under Voltage Threshold	SMETS 5.19.1.2	1	1-0:72.31.0.4	2	value	double-long-unsigned	0x00000848	2120
Phase[3] Average RMS Over Voltage Threshold	SMETS 5.19.1.1	1	1-0:72.35.0.4	2	value	double-long-unsigned	0x00000A14	2580

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

Add tables 28c and 28d as follows:

Event / Alert Code	Event / Alert Code Meaning	Default Configuration - Send WAN Alert Y = Send Alert N = Do not send Alert	Default Configuration - Store Alert in Power Event Log Y = Store in log N = Do not store in log
0x8002	Average RMS Voltage above Average RMS Over Voltage Threshold (current value above threshold; previous value below threshold)	Y	Y
0x8003	Average RMS Voltage above Average RMS Over Voltage Threshold on Phase 1 (current value above threshold; previous value below threshold)	Y	Y
0x8004	Average RMS Voltage above Average RMS Over Voltage Threshold on Phase 2 (current value above threshold; previous value below threshold)	Y	Y
0x8005	Average RMS Voltage above Average RMS Over Voltage Threshold on Phase 3 (current value above threshold; previous value below threshold)	Y	Y
0x8006	Average RMS Voltage below Average RMS Under Voltage Threshold (current value below threshold; previous value above threshold)	Y	Y
0x8007	Average RMS Voltage below Average RMS Under Voltage Threshold on Phase 1 (current value below threshold; previous value above threshold)	Y	Y
0x8008	Average RMS Voltage below Average RMS Under Voltage Threshold on Phase 2 (current value below threshold; previous value above threshold)	Y	Y

<u>Event / Alert Code</u>	<u>Event / Alert Code Meaning</u>	<u>Default Configuration - Send WAN Alert</u> Y = Send Alert N = Do not send Alert	<u>Default Configuration - Store Alert in Power Event Log</u> Y = Store in log N = Do not store in log
<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>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>
<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>Event / Alert Code</u>	<u>Event / Alert Code Meaning</u>	<u>Default Configuration - Send WAN Alert</u> Y = Send Alert N = Do not send Alert	<u>Default Configuration - Store Alert in Power Event Log</u> Y = Store in log N = Do not store in log
<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>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>
<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>Event / Alert Code</u>	<u>Event / Alert Code Meaning</u>	<u>Default Configuration - Send WAN Alert</u> Y = Send Alert N = Do not send Alert	<u>Default Configuration - Store Alert in Power Event Log</u> Y = Store in log N = Do not store in log
<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>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>
<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>Event / Alert Code</u>	<u>Event / Alert Code Meaning</u>	<u>Default Configuration - Send WAN Alert</u> Y = Send Alert N = Do not send Alert	<u>Default Configuration - Store Alert in Power Event Log</u> Y = Store in log N = Do not store in log
<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>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>
<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

Attribute	COSEM datatype	Tag	Length	Value	Meaning
<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>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>

Attribute	COSEM datatype	Tag	Length	Value	Meaning
<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>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>0xFFFFFFFFFF</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.