

ELECTRONIC METER

SMW110-C07E

SMW110-C47E

SMW110W4-N141C600 (Smart meter)

MODBUS® RTU Interface Specifications

SPEC. NO. : MED-T0067

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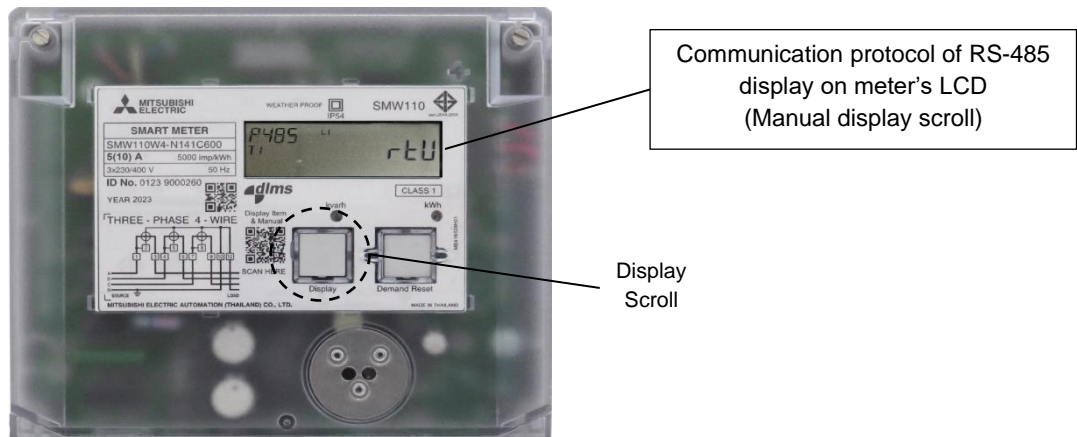
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1. Functions

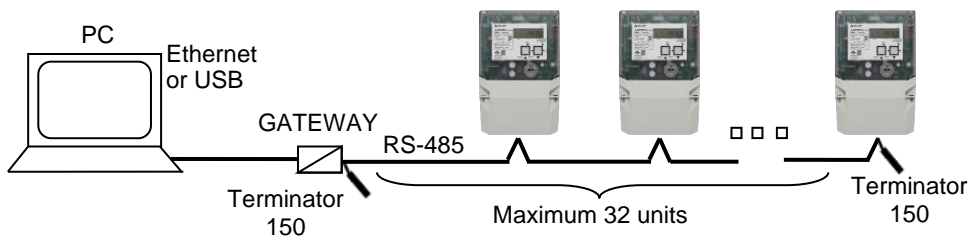
SMW110 meter can communicate with client device using RTU transmission mode of MODBUS protocol. Communication is available through RS-485 which supports multiple SMW110 meter connected on a network. It is a two wire connection communication speed are 4800/9600/19200 bps. SMW110 meter is capable to communicate via optical (DLMS) and RS-485 port (MODBUS RTU) simultaneously.

2. Checking before usage

Before communicating with Modbus, Check LCD display show the communication protocol of RS-485 (P485) as “rtU”. If LCD display show the communication protocol of RS-485 as other, user must change protocol from other to rtU by using “Modbus Meter Setting” software.
(Download setting software from our website: www.meath-co.com/meter/sara_doc.php?cat=22)



3. System Configurations



⚠ Caution:

1. The communication cable must be connecting while the terminal cover is closed. Otherwise may cause an electric shock or death.
2. Do not lay RS-485 cable together with power line due to prevention of noise from power line or surge that may cause communication failures or equipment in communication system damage.
3. Do not lay RS-485 cable between building due to that may cause in communication system damage.

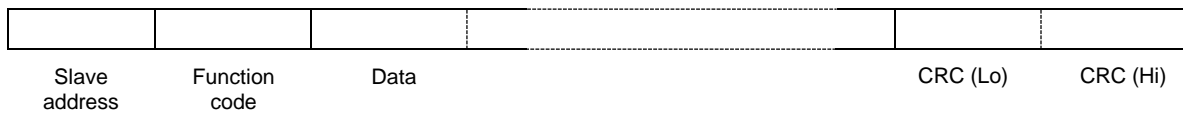
4. Technical Characteristic

Item	Specifications
Physical interface	RS-485 2wires half duplex
Protocol	RTU mode
Transmission wiring type	Multi-point bus (daisy-chain)
Baud rate	4800, 9600, 19200 bps (Default is 4800 bps)
Data bit	8
Stop bit	1
Parity	Even, None (Default is Even)
CRC polynomial	0xA001
Slave address	1 to 247 (F7h) (see detail in Appendix A)
Response time	0ms to 20,000ms (programmable) (Default is 10 ms)
Distance	1,200 m
Max. number	32
Terminator	150Ω 1/2W
Recommended cable	Shielded twisted pair, recommend LiYCY 2x0.25 mm ²

5. Specification for Communication

5.1 Standard Communication Frame

The standard communication frame consists of:



Slave address : 01h to F7h

Function code : 03h Read Holding Registers (maximum 250 bytes)
: 10h Write multiple registers

Data : 8 bit HEX data
: The Cyclical Redundancy Check (CRC) field is two bytes, containing a 16-bit binary value.

<NOTE>

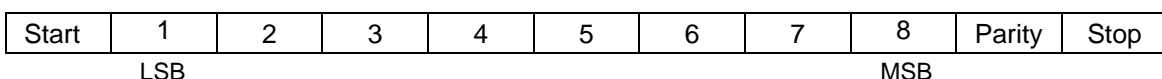
Procedure for generating CRC:

1. Load a 16-bit register with FFFF hex (all 1's). This is called the CRC register.
2. Exclusive OR the first 8-bit byte of the message with the low-order byte of the 16-bit CRC register, putting the result in the CRC register.
3. Shift the CRC register one bit to the right (toward the LSB), zero-filling the MSB. Extract and examine the LSB.
4. (If the LSB was 0): Repeat Step 3 (another shift).
(If the LSB was 1): Exclusive OR the CRC register with the polynomial value 0xA001 (1010 0000 0000 0001).
5. Repeat Step 3 and 4 until 8 shifts have been performed. When this is done, a complete 8-bit byte will have been processed.
6. Repeat Step 2 through 5 for the next 8-bit byte of the message. Continue this until all byte will have been processed.
7. The final content of the CRC register is the CRC value.
8. When the CRC is placed into the message, its upper and lower bytes must be swapped as described above.

5.2 Bit Sequence

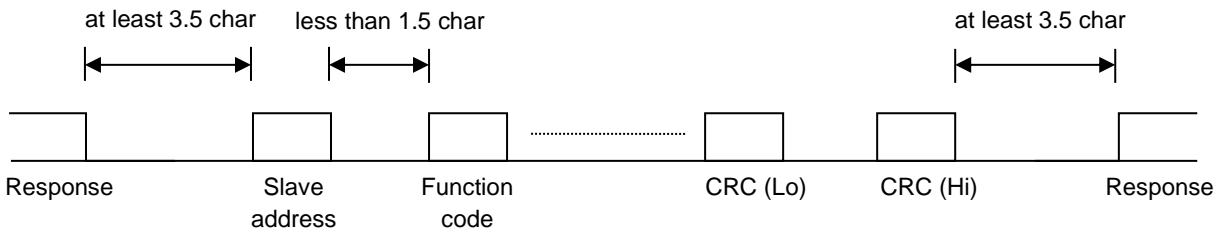
With RTU character framing, the bit sequence is below.

<Example> With Parity Checking and Stop bit is1.



5.3 MODBUS Message RTU Framing

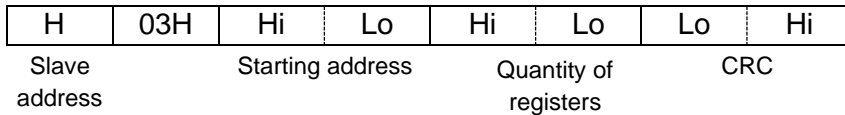
A MODBUS message is placed by transmitting device into a frame that has a known beginning and ending point. This allows devices to receive a new frame to begin at the start of the message, and to know when the message is completed. Partial messages must be detected and errors must be set as a result. In RTU mode, message frames are separated by a silent interval of at least 3.5 characters.



6. Framing of Query and Response

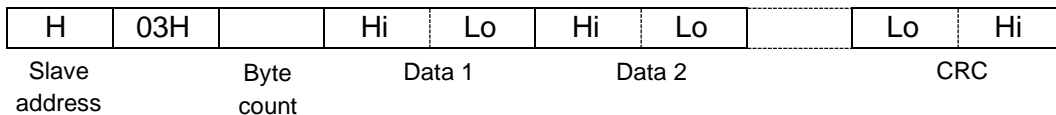
6.1 Read Holding Registers (03h)

- Query framing



- Slave address : 01h to F7h
- Starting address : 2 bytes
- Quantity of registers : 2 bytes (Maximum 125)
- CRC : 2 bytes

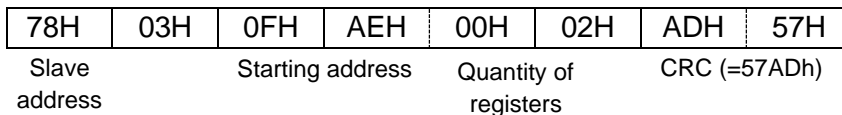
- Response framing (Maximum 255 bytes)



- Byte count : Byte count of response data (Maximum 250).

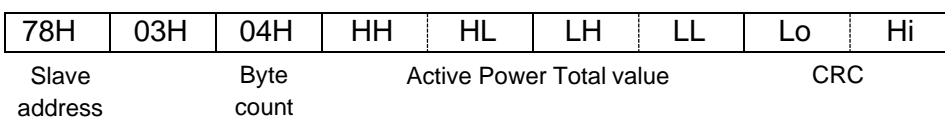
<Example1> In case of reading Active Power Total* value Slave address is 78h.

- Query framing



* Register address Active Power Total is 0FAEh ~ 0FAFh (see section 8.1)

- Response framing



<Example2> In case of reading Frequency Phase 1* value to Frequency Phase 3* value. Slave address is 78h.

Query framing

78H	03H	0FH	D8H	00H	03H	8DH	4DH
Slave address	Starting address		Quantity of registers		CRC (=4D8Dh)		

* Register address of Frequency Phase 1, 2 and 3 is 0FD8h, 0FDh and 0FDAh respectively (see section 8.1)

▪ Response framing

78H	03H	06H	Hi	Lo	Hi	Lo	Hi	Lo	Lo	Hi
Slave address	Byte count	Frequency Phase 1 value		Frequency Phase 2 value		Frequency Phase 3 value		CRC		

<Example3> In case of reading Display Wh (imp+exp) total*. Slave address is 78h.

▪ Query framing

78H	03H	0FH	AAH	00H	02H	ECH	96H
Slave address	Starting address		Quantity of registers		CRC (=96ECh)		

* Register address of Display Wh (imp+exp) total is 0FAAh-0FABh. (see section 8.1)

▪ Response framing

78H	03H	04H	HH	HL	LH	LL	Lo	Hi
Slave address	Byte count	Display Wh (imp+exp) total value					CRC	

Note: More detail about reading energy data can see in important note, section 8.1

6.2 Write Multiple Registers (10h)

▪ Query framing

H	10H	Hi	Lo	Hi	Lo		Hi	Lo	Hi	Lo		Lo	Hi
Slave address	Starting address		Quantity of registers		Byte count	Data1	Data2				CRC		

- Slave address : 01h to F7h
- Starting address : 2 bytes
- Quantity of registers : Maximum 123
- Byte count : Maximum 246
- Data1~ : Write data (Minimum 2 bytes)
- CRC : 2 bytes

▪ Response framing

H	10H	Hi	Lo	Hi	Lo	Lo	Hi
Slave address	Starting address		Quantity of registers		CRC		

<Example> In case of setting Slave Address*. Change Slave Address from 78h to 01h.

▪ Query framing

78H	10H	10H	00H	00H	01H	02H	00H	01H	Lo	Hi
Slave address	Starting address		Quantity of registers		Byte count	Data1		CRC		

* Register address of Slave Address is 1000h. (see section 8.1)

▪ Response framing

78H	10H	10H	00H	00H	01H	Lo	Hi
Slave address	Starting address		Quantity of registers		CRC		

7. Exception Codes

ERROR	Meaning	Exception code
Framing error	Query framing is incorrect.	No response is returned.
Overrun error	1 byte data length is incorrect.	
Parity error	1 byte data is incorrect.	
CRC error	Framing data is incorrect.	
Illegal function	The function code received in the query was except 03h and 10h.	01h
Illegal data address	The data address received in the query is not an allowable address for the slave.	02h
Illegal data value	The data value received in the query is not an allowable data value for the slave.	03h

▪ Response framing

H	※1	Exception code	Lo	Hi
Slave address	Function code		CRC	

※1 Function code: In an exception response, the server sets the MSB of the function code.

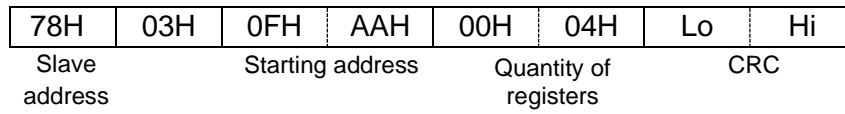
<Example>

Function code	Function code in an exception response
03h	83h
10h	90h

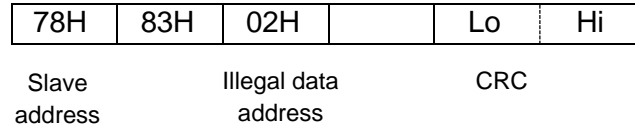
Example of illegal data address is shown as follows.

<Example> In case of reading from Display Wh (imp+exp) total (register address 0FAAh) to undefined register (address 0FADh). Slave address is 78h.

▪ Query framing



▪ Response framing



8. Data

8.1 List of Parameters

At the list of parameters, precautions are following.

- ※1 R/W : Read and writes register.
- R : Reads only register.
- W : Write without password.
- WP : Write with password.

※2 Support register are different by the model.

- O : Applicable
- X : Reserved, please ignore value from the Reserved area.

Register Address		Byte Count	Access ※1, Note12	Register name	Range	Units	Applicable ※2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
44003	0FA2h	8	R/W	Current Date/Time (default = 01/Jan/2000, 00:00:00)	00YYMMDDhhmmss00 Note7	-	O	O	O
44004	0FA3h								
44005	0FA4h								
44006	0FA5h								
44007	0FA6h	2	R	Digit no. to display energy (5 to 8 digit, default = 7)	5 to 8	-	O	O	O
44008	0FA7h	2	R	Unit of display energy 0: Wh, varh, 1: kWh, kvarh, (default) 2: MWh, Mvarh	0 to 2	-	O	O	O
44009	0FA8h	2	R	Decimal place no. to display energy (0 to 3 decimal place, default = 3)	0 to 3	-	O	O	O
44010	0FA9h	2	R	I _{max} (1 to 255)	1 to 255	A	O	O	O
44011	0FAAh	4	R	Display Wh (imp+exp) Total	0 to 99,999,999	Wh Note4	O	O	O
44012	0FABh	4	R	Display Varh (Q1+Q2) Total	0 to 99,999,999	varh Note4	X	X	O
44013	0FACH								
44014	0FADh								
44015	0FAEh								
44016	0FAFh	4	R	All Phase Instant. Active power (Abs(Import)-Abs(Export))	-2,147,483,648 to 2,147,483,647	0.001 kW	O	O	O
44017	0FB0h								
44018	0FB1h								
44019	0FB2h								
44020	0FB3h								
44021	0FB4h								
44022	0FB5h								
44023	0FB6h								
44024	0FB7h								
44025	0FB8h								
44026	0FB9h	4	R	All Phase Instant. Reactive power (Abs(Import)-Abs(Export))	0.001 kVar	O	O	O	
44027	0FBAh								
44028	0FBBh								
44029	0FBC	4	R	Phase 1 Instant. Reactive power (Abs(Import)-Abs(Export))	0.001 kVar	O	O	O	
44030	0FBDh								
44031 ~	0FBEh ~								Reserved
44038	0FC5h	4	R	VRMS Phase 1	0 to 16,777,215	0.01 V	O	O	O
44039	0FC6h								
44040	0FC7h								
44041	0FC8h								
44042	0FC9h								
44043	0FCAh								
44044	0FCBh								
44045	0FCC								
44046	0FCDh								
44047	0FCEh								
44048	0FCFh	4	R	IRMS Phase 1	0 to 16,777,215	0.01 A	O	O	O
44049	0FD0h								
44050	0FD1h								
44051	0FD2h								
44052	0FD3h								
44053	0FD4h								
44054	0FD5h								
44055	0FD6h								
44056	0FD7h								
44057	0FD8h								
44058	0FD9h	2	R	Power factor Total	-100 to 100	0.01	O	O	O
44059	0FDAh								
44060	0FDBh								
44061	0FDC								
44062	0FDDh								
44063	0FDEh								
44064	0FDFh								
44065	0FE0h								
44066	0FE1h								
44067	0FE2h								
44068	0FE3h	2	R	Power factor Phase 1	-100 to 100	0.01	O	O	O
44069	0FE4h								
44070	0FE5h								
44071	0FE6h								
44072	0FE7h								
44073	0FE8h								
44074	0FE9h								
44075	0FEAh								
44076	0FEBh								
44077	0FEC								
44078	0FEDh	8	R	Error code status (Bit mark of event status occurring) - Bit 0 Program Failure - Bit 1 RAM Failure - Bit 2 FRAM Failure - Bit 3 Flash Failure - Bit 4 OSC Failure - Bit 5 RTC Failure - Bit 6 Low Battery	0 to 127	-	O	O	O
44079	0FEEh								
44080	0FEFh								
44081 ~	0FF0h ~								
44096	0FFFh	2	R/W	Slave address (See detail Appendix A)	1 to 247	-	O	O	O
44097	1000h								
44098	1001h								
44099	1002h								
44100	1003h								
44101	1004h								
44102	1005h								
44103	1006h								
44104	1007h								
44105	1008h								
44073	0FE8h	2	R	Meter model 0: General 1: Advance model (SMW110-C07E, SMW110-C47E) 2: Basic model (SMW110-C01E, SMW110-C41E) 3: Smart meter model (SMW110W4-N141C600)	0 to 3	-	O	O	O
44074	0FE9h	4	R/WP	Multiplier (CT Ratio) (default = 1)	1 to 5,000	-	O	O	O
44075	0FEAh								
44076	0FEBh								
44077	0FEC								
44078	0FEDh	8	R	Meter Serial Number Long (default = 0)	0 to FFFFFFFFFFFFFFFh	-	O	O	O
44079	0FEEh								
44080	0FEFh								
44081 ~	0FF0h ~								
44096	0FFFh	2	R/W	Metering Data clear ^{Note10}	1	-	X	X	O
44097	1000h								
44098	1001h								
44099	1002h								
44100	1003h								
44101	1004h								
44102	1005h								
44103	1006h								
44104	1007h								
44105	1008h								
44097	1000h	2	R/W	MODBUS Response time setting (default = 10 ms)	0 to 20,000	ms	O	O	O
44098	1001h	2	R/W	Baud rate (bps) 0: 4800 bps (default), 1: 9600bps, 2: 19200bps	0 to 2	-	O	O	O
44099	1002h	2	R/W	Parity bit 0: Even parity (default) 1: None parity	0 to 1	-	O	O	O
44100	1003h	2	R/W	Password Login	0 to 4,294,967,295	-	O	O	O
44101	1004h	4	WP	Password Setting (default = 00000000h)		-	O	O	O
44102	1005h								

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
44215	1076h	4	R	Phase 2 active energy (Abs(Import)-Abs(Export))	0 to 999,999,999	Wh Note5	X	X	O
44216	1077h			Phase 3 active energy (Abs(Import)-Abs(Export))		Wh Note5	X	X	O
44217	1078h			Phase 3 active energy (Abs(Import)-Abs(Export))		Wh Note5	X	X	O
44218	1079h	4	R	All Phase active energy (Abs(Import)-Abs(Export)), Rate 1	0 to 999,999,999	Wh Note5	X	X	O
44219	107Ah			All Phase active energy (Abs(Import)-Abs(Export)), Rate 2		Wh Note5	X	X	O
44220	107Bh			All Phase active energy (Abs(Import)-Abs(Export)), Rate 3		Wh Note5	X	X	O
44221	107Ch			All Phase active energy (Abs(Import)-Abs(Export)), Rate 4		Wh Note5	X	X	O
44222	107Dh	4	R	Phase 1 active energy (Abs(Import)-Abs(Export)), Rate 1	0 to 999,999,999	Wh Note5	X	X	O
44223	107Eh			Phase 1 active energy (Abs(Import)-Abs(Export)), Rate 2		Wh Note5	X	X	O
44224	107Fh			Phase 1 active energy (Abs(Import)-Abs(Export)), Rate 3		Wh Note5	X	X	O
44225	1080h			Phase 1 active energy (Abs(Import)-Abs(Export)), Rate 4		Wh Note5	X	X	O
44226	1081h			Phase 2 active energy (Abs(Import)-Abs(Export)), Rate 1		Wh Note5	X	X	O
44227	1082h			Phase 2 active energy (Abs(Import)-Abs(Export)), Rate 2		Wh Note5	X	X	O
44228	1083h			Phase 2 active energy (Abs(Import)-Abs(Export)), Rate 3		Wh Note5	X	X	O
44229	1084h	4	R	Phase 2 active energy (Abs(Import)-Abs(Export)), Rate 4	0 to 999,999,999	Wh Note5	X	X	O
44230	1085h			Phase 3 active energy (Abs(Import)-Abs(Export)), Rate 1		Wh Note5	X	X	O
44231	1086h			Phase 3 active energy (Abs(Import)-Abs(Export)), Rate 2		Wh Note5	X	X	O
44232	1087h			Phase 3 active energy (Abs(Import)-Abs(Export)), Rate 3		Wh Note5	X	X	O
44233	1088h	4	R	Phase 3 active energy (Abs(Import)-Abs(Export)), Rate 4	0 to 999,999,999	Wh Note5	X	X	O
44234	1089h			Phase 1 active energy (Abs(Import)-Abs(Export)), Rate 1		Wh Note5	X	X	O
44235	108Ah			Phase 1 active energy (Abs(Import)-Abs(Export)), Rate 2		Wh Note5	X	X	O
44236	108Bh			Phase 1 active energy (Abs(Import)-Abs(Export)), Rate 3		Wh Note5	X	X	O
44237	108Ch			Phase 1 active energy (Abs(Import)-Abs(Export)), Rate 4		Wh Note5	X	X	O
44238	108Dh	4	R	Phase 2 active energy (Abs(Import)-Abs(Export)), Rate 1	0 to 999,999,999	Wh Note5	X	X	O
44239	108Eh			Phase 2 active energy (Abs(Import)-Abs(Export)), Rate 2		Wh Note5	X	X	O
44240	108Fh			Phase 2 active energy (Abs(Import)-Abs(Export)), Rate 3		Wh Note5	X	X	O
44241	1090h			Phase 2 active energy (Abs(Import)-Abs(Export)), Rate 4		Wh Note5	X	X	O
44242	1091h	4	R	Phase 3 active energy (Abs(Import)-Abs(Export)), Rate 1	0 to 999,999,999	Wh Note5	X	X	O
44243	1092h			Phase 3 active energy (Abs(Import)-Abs(Export)), Rate 2		Wh Note5	X	X	O
44244	1093h			Phase 3 active energy (Abs(Import)-Abs(Export)), Rate 3		Wh Note5	X	X	O
44245	1094h			Phase 3 active energy (Abs(Import)-Abs(Export)), Rate 4		Wh Note5	X	X	O
44246	1095h			All Phase Import reactive energy (Q1+Q2)		varh Note5	X	X	O
44247	1096h			Phase 1 Import reactive energy (Q1+Q2)		varh Note5	X	X	O
44248	1097h			Phase 2 Import reactive energy (Q1+Q2)		varh Note5	X	X	O
44249	1098h	4	R	Phase 3 Import reactive energy (Q1+Q2)	0 to 999,999,999	varh Note5	X	X	O
44250	1099h			All Phase Import reactive energy (Q1+Q2), Rate 1		varh Note5	X	X	O
44251	109Ah			All Phase Import reactive energy (Q1+Q2), Rate 2		varh Note5	X	X	O
44252	109Bh			All Phase Import reactive energy (Q1+Q2), Rate 3		varh Note5	X	X	O
44253	109Ch	4	R	All Phase Import reactive energy (Q1+Q2), Rate 4	0 to 999,999,999	varh Note5	X	X	O
44254	109Dh			Phase 1 Import reactive energy (Q1+Q2), Rate 1		varh Note5	X	X	O
44255	109Eh			Phase 1 Import reactive energy (Q1+Q2), Rate 2		varh Note5	X	X	O
44256	109Fh			Phase 1 Import reactive energy (Q1+Q2), Rate 3		varh Note5	X	X	O
44257	10A0h			Phase 1 Import reactive energy (Q1+Q2), Rate 4		varh Note5	X	X	O
44258	10A1h	4	R	Phase 2 Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44259	10A2h			Phase 2 Import reactive energy (Q1+Q2), Rate 2		varh Note5	X	X	O
44260	10A3h			Phase 2 Import reactive energy (Q1+Q2), Rate 3		varh Note5	X	X	O
44261	10A4h			Phase 2 Import reactive energy (Q1+Q2), Rate 4		varh Note5	X	X	O
44262	10A5h	4	R	Phase 3 Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44263	10A6h			Phase 3 Import reactive energy (Q1+Q2), Rate 2		varh Note5	X	X	O
44264	10A7h			Phase 3 Import reactive energy (Q1+Q2), Rate 3		varh Note5	X	X	O
44265	10A8h			Phase 3 Import reactive energy (Q1+Q2), Rate 4		varh Note5	X	X	O
44266	10A9h			All Phase Export reactive energy (Q3+Q4)		varh Note5	X	X	O
44267	10AAh			Phase 1 Export reactive energy (Q3+Q4)		varh Note5	X	X	O
44268	10ABh			Phase 2 Export reactive energy (Q3+Q4)		varh Note5	X	X	O
44269	10ACh	4	R	Phase 3 Export reactive energy (Q3+Q4)	0 to 999,999,999	varh Note5	X	X	O
44270	10ADh			All Phase Export reactive energy (Q3+Q4), Rate 1		varh Note5	X	X	O
44271	10AEh			All Phase Export reactive energy (Q3+Q4), Rate 2		varh Note5	X	X	O
44272	10AFh			All Phase Export reactive energy (Q3+Q4), Rate 3		varh Note5	X	X	O
44273	10B0h	4	R	All Phase Export reactive energy (Q3+Q4), Rate 4	0 to 999,999,999	varh Note5	X	X	O
44274	10B1h			Phase 1 Export reactive energy (Q3+Q4), Rate 1		varh Note5	X	X	O
44275	10B2h			Phase 1 Export reactive energy (Q3+Q4), Rate 2		varh Note5	X	X	O
44276	10B3h			Phase 1 Export reactive energy (Q3+Q4), Rate 3		varh Note5	X	X	O
44277	10B4h			Phase 1 Export reactive energy (Q3+Q4), Rate 4		varh Note5	X	X	O
44278	10B5h	4	R	Phase 2 Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44279	10B6h			Phase 2 Export reactive energy (Q3+Q4), Rate 2		varh Note5	X	X	O
44280	10B7h			Phase 2 Export reactive energy (Q3+Q4), Rate 3		varh Note5	X	X	O
44281	10B8h			Phase 2 Export reactive energy (Q3+Q4), Rate 4		varh Note5	X	X	O
44282	10B9h	4	R	Phase 3 Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44283	10BAh			Phase 3 Export reactive energy (Q3+Q4), Rate 2		varh Note5	X	X	O
44284	10BBh			Phase 3 Export reactive energy (Q3+Q4), Rate 3		varh Note5	X	X	O
44285	10BCh			Phase 3 Export reactive energy (Q3+Q4), Rate 4		varh Note5	X	X	O
44286	10BDh			All Phase Export reactive energy (Q3+Q4), Rate 1		varh Note5	X	X	O
44287	10BEh	4	R	All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	varh Note5	X	X	O
44288	10BFh			All Phase Export reactive energy (Q3+Q4), Rate 3		varh Note5	X	X	O
44289	10C0h			All Phase Export reactive energy (Q3+Q4), Rate 4		varh Note5	X	X	O
44290	10C1h			Phase 1 Export reactive energy (Q3+Q4), Rate 1		varh Note5	X	X	O
44291	10C2h	4	R	Phase 1 Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	varh Note5	X	X	O
44292	10C3h			Phase 1 Export reactive energy (Q3+Q4), Rate 3		varh Note5	X	X	O
44293	10C4h			Phase 1 Export reactive energy (Q3+Q4), Rate 4		varh Note5	X	X	O
44294	10C5h			Phase 2 Export reactive energy (Q3+Q4), Rate 1		varh Note5	X	X	O
44295	10C6h			Phase 2 Export reactive energy (Q3+Q4), Rate 2		varh Note5	X	X	O
44296	10C7h	4	R	Phase 2 Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	varh Note5	X	X	O
44297	10C8h			Phase 2 Export reactive energy (Q3+Q4), Rate 4		varh Note5	X	X	O
44298	10C9h			Phase 3 Export reactive energy (Q3+Q4), Rate 1		varh Note5	X	X	O
44299	10CAh			Phase 3 Export reactive energy (Q3+Q4), Rate 2		varh Note5	X	X	O
44300	10CBh	4	R	Phase 3 Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	varh Note5	X	X	O
44301	10CCh			Phase 3 Export reactive energy (Q3+Q4), Rate 4		varh Note5	X	X	O
44302	10CDh			Phase 1 Export reactive energy (Q3+Q4), Rate 1		varh Note5	X	X	O
44303	10CEh			Phase 1 Export reactive energy (Q3+Q4), Rate 2		varh Note5	X	X	O
44304	10CFh			Phase 1 Export reactive energy (Q3+Q4), Rate 3		varh Note5	X	X	O
44305	10D0h	4	R	Phase 1 Export reactive energy (Q3+Q4), Rate 4	0 to 999,999,999	varh Note5	X	X	O
44306	10D1h			Phase 2 Export reactive energy (Q3+Q4), Rate 1		varh Note5	X	X	O
44307	10D2h			Phase 2 Export reactive energy (Q3+Q4), Rate 2		varh Note5	X	X	O
44308	10D3h			Phase 2 Export reactive energy (Q3+Q4), Rate 3		varh Note5	X	X	O
44309	10D4h	4	R	Phase 2 Export reactive energy (Q3+Q4), Rate 4	0 to 999,999,999	varh Note5	X	X	O
44310	10D5h			Phase 3 Export reactive energy (Q3+Q4), Rate 1		varh Note5	X	X	O
44311	10D6h			Phase 3 Export reactive energy (Q3+Q4), Rate 2		varh Note5	X	X	O
44312	10D7h			Phase 3 Export reactive energy (Q3+Q4), Rate 3		varh Note5	X	X	O
44313	10D8h			Phase 3 Export reactive energy (Q3+Q4), Rate 4		varh Note5	X	X	O
44314	10D9h	4	R	Phase 1 Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44315	10DAh			Phase 1 Export reactive energy (Q3+Q4), Rate 2		varh Note5	X	X	O
44316	10DBh			Phase 1 Export reactive energy (Q3+Q4), Rate 3		varh Note5	X	X	O
44317	10DCh			Phase 1 Export reactive energy (Q3+Q4), Rate 4		varh Note5	X	X	O
44318	10DDh	4	R	Phase 2 Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44319	10DEh			Phase 2 Export reactive energy (Q3+Q4), Rate 2		varh Note5	X	X	O
44320	10DFh			Phase 2 Export reactive energy (Q3+Q4), Rate 3		varh Note5	X	X	O
44321	10E0h			Phase 2 Export reactive energy (Q3+Q4), Rate 4		varh Note5	X	X	O
44322	10E1h								

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
44323	10E2h	4	R	Phase 3 Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44324	10E3h			Phase 3 Export reactive energy (Q3+Q4), Rate 2		varh Note5	X	X	O
44325	10E4h			Phase 3 Export reactive energy (Q3+Q4), Rate 3		varh Note5	X	X	O
44326	10E5h			Phase 3 Export reactive energy (Q3+Q4), Rate 4		varh Note5	X	X	O
44327	10E6h	4	R	Phase 3 Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44328	10E7h			Phase 3 Export reactive energy (Q3+Q4), Rate 2		varh Note5	X	X	O
44329	10E8h			Phase 3 Export reactive energy (Q3+Q4), Rate 3		varh Note5	X	X	O
44330	10E9h			Phase 3 Export reactive energy (Q3+Q4), Rate 4		varh Note5	X	X	O
44331	10EAh	4	R	All Phase reactive energy (Q1)	0 to 999,999,999	varh Note5	X	X	O
44332	10EBh			Phase 1 reactive energy (Q1)		varh Note5	X	X	O
44333	10ECh			Phase 2 reactive energy (Q1)		varh Note5	X	X	O
44334	10EDh			Phase 3 reactive energy (Q1)		varh Note5	X	X	O
44335	10EEh	4	R	All Phase reactive energy (Q1), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44336	10EFh			All Phase reactive energy (Q1), Rate 2		varh Note5	X	X	O
44337	10F0h			All Phase reactive energy (Q1), Rate 3		varh Note5	X	X	O
44338	10F1h			All Phase reactive energy (Q1), Rate 4		varh Note5	X	X	O
44339	10F2h	4	R	Phase 1 reactive energy (Q1), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44340	10F3h			Phase 1 reactive energy (Q1), Rate 2		varh Note5	X	X	O
44341	10F4h			Phase 1 reactive energy (Q1), Rate 3		varh Note5	X	X	O
44342	10F5h			Phase 1 reactive energy (Q1), Rate 4		varh Note5	X	X	O
44343	10F6h	4	R	Phase 2 reactive energy (Q1), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44344	10F7h			Phase 2 reactive energy (Q1), Rate 2		varh Note5	X	X	O
44345	10F8h			Phase 2 reactive energy (Q1), Rate 3		varh Note5	X	X	O
44346	10F9h			Phase 2 reactive energy (Q1), Rate 4		varh Note5	X	X	O
44347	10FAh	4	R	Phase 3 reactive energy (Q1), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44348	10FBh			Phase 3 reactive energy (Q1), Rate 2		varh Note5	X	X	O
44349	10FCh			Phase 3 reactive energy (Q1), Rate 3		varh Note5	X	X	O
44350	10FDh			Phase 3 reactive energy (Q1), Rate 4		varh Note5	X	X	O
44351	10FEh	4	R	Phase 1 reactive energy (Q1), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44352	10FFh			Phase 1 reactive energy (Q1), Rate 2		varh Note5	X	X	O
44353	1100h			Phase 1 reactive energy (Q1), Rate 3		varh Note5	X	X	O
44354	1101h			Phase 1 reactive energy (Q1), Rate 4		varh Note5	X	X	O
44355	1102h	4	R	Phase 2 reactive energy (Q1), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44356	1103h			Phase 2 reactive energy (Q1), Rate 2		varh Note5	X	X	O
44357	1104h			Phase 2 reactive energy (Q1), Rate 3		varh Note5	X	X	O
44358	1105h			Phase 2 reactive energy (Q1), Rate 4		varh Note5	X	X	O
44359	1106h	4	R	Phase 3 reactive energy (Q1), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44360	1107h			Phase 3 reactive energy (Q1), Rate 2		varh Note5	X	X	O
44361	1108h			Phase 3 reactive energy (Q1), Rate 3		varh Note5	X	X	O
44362	1109h			Phase 3 reactive energy (Q1), Rate 4		varh Note5	X	X	O
44363	110Ah	4	R	All Phase reactive energy (Q2)	0 to 999,999,999	varh Note5	X	X	O
44364	110Bh			Phase 1 reactive energy (Q2)		varh Note5	X	X	O
44365	110Ch			Phase 2 reactive energy (Q2)		varh Note5	X	X	O
44366	110Dh			Phase 3 reactive energy (Q2)		varh Note5	X	X	O
44367	110Eh	4	R	All Phase reactive energy (Q2), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44368	110Fh			All Phase reactive energy (Q2), Rate 2		varh Note5	X	X	O
44369	1110h			All Phase reactive energy (Q2), Rate 3		varh Note5	X	X	O
44370	1111h			All Phase reactive energy (Q2), Rate 4		varh Note5	X	X	O
44371	1112h	4	R	Phase 1 reactive energy (Q2), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44372	1113h			Phase 1 reactive energy (Q2), Rate 2		varh Note5	X	X	O
44373	1114h			Phase 1 reactive energy (Q2), Rate 3		varh Note5	X	X	O
44374	1115h			Phase 1 reactive energy (Q2), Rate 4		varh Note5	X	X	O
44375	1116h	4	R	Phase 2 reactive energy (Q2), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44376	1117h			Phase 2 reactive energy (Q2), Rate 2		varh Note5	X	X	O
44377	1118h			Phase 2 reactive energy (Q2), Rate 3		varh Note5	X	X	O
44378	1119h			Phase 2 reactive energy (Q2), Rate 4		varh Note5	X	X	O
44379	111Ah	4	R	Phase 3 reactive energy (Q2), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44380	111Bh			Phase 3 reactive energy (Q2), Rate 2		varh Note5	X	X	O
44381	111Ch			Phase 3 reactive energy (Q2), Rate 3		varh Note5	X	X	O
44382	111Dh			Phase 3 reactive energy (Q2), Rate 4		varh Note5	X	X	O
44383	111Eh	4	R	Phase 1 reactive energy (Q2), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44384	111Fh			Phase 1 reactive energy (Q2), Rate 2		varh Note5	X	X	O
44385	1120h			Phase 1 reactive energy (Q2), Rate 3		varh Note5	X	X	O
44386	1121h			Phase 1 reactive energy (Q2), Rate 4		varh Note5	X	X	O
44387	1122h	4	R	Phase 2 reactive energy (Q2), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44388	1123h			Phase 2 reactive energy (Q2), Rate 2		varh Note5	X	X	O
44389	1124h			Phase 2 reactive energy (Q2), Rate 3		varh Note5	X	X	O
44390	1125h			Phase 2 reactive energy (Q2), Rate 4		varh Note5	X	X	O
44391	1126h	4	R	Phase 3 reactive energy (Q2), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44392	1127h			Phase 3 reactive energy (Q2), Rate 2		varh Note5	X	X	O
44393	1128h			Phase 3 reactive energy (Q2), Rate 3		varh Note5	X	X	O
44394	1129h			Phase 3 reactive energy (Q2), Rate 4		varh Note5	X	X	O
44395	112Ah	4	R	All Phase reactive energy (Q3)	0 to 999,999,999	varh Note5	X	X	O
44396	112Bh			Phase 1 reactive energy (Q3)		varh Note5	X	X	O
44397	112Ch			Phase 2 reactive energy (Q3)		varh Note5	X	X	O
44398	112Dh			Phase 3 reactive energy (Q3)		varh Note5	X	X	O
44399	112Eh	4	R	Phase 1 reactive energy (Q3), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44400	112Fh			Phase 1 reactive energy (Q3), Rate 2		varh Note5	X	X	O
44401	1130h			Phase 1 reactive energy (Q3), Rate 3		varh Note5	X	X	O
44402	1131h			Phase 1 reactive energy (Q3), Rate 4		varh Note5	X	X	O
44403	1132h	4	R	Phase 2 reactive energy (Q3), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44404	1133h			Phase 2 reactive energy (Q3), Rate 2		varh Note5	X	X	O
44405	1134h			Phase 2 reactive energy (Q3), Rate 3		varh Note5	X	X	O
44406	1135h			Phase 2 reactive energy (Q3), Rate 4		varh Note5	X	X	O
44407	1136h	4	R	Phase 3 reactive energy (Q3), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44408	1137h			Phase 3 reactive energy (Q3), Rate 2		varh Note5	X	X	O
44409	1138h			Phase 3 reactive energy (Q3), Rate 3		varh Note5	X	X	O
44410	1139h			Phase 3 reactive energy (Q3), Rate 4		varh Note5	X	X	O
44411	113Ah	4	R	All Phase reactive energy (Q3)	0 to 999,999,999	varh Note5	X	X	O
44412	113Bh			Phase 1 reactive energy (Q3)		varh Note5	X	X	O
44413	113Ch			Phase 2 reactive energy (Q3)		varh Note5	X	X	O
44414	113Dh			Phase 3 reactive energy (Q3)		varh Note5	X	X	O
44415	113Eh	4	R	All Phase reactive energy (Q3), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44416	113Fh			All Phase reactive energy (Q3), Rate 2		varh Note5	X	X	O
44417	1140h			All Phase reactive energy (Q3), Rate 3		varh Note5	X	X	O
44418	1141h			All Phase reactive energy (Q3), Rate 4		varh Note5	X	X	O
44419	1142h	4	R	Phase 1 reactive energy (Q3), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44420	1143h			Phase 1 reactive energy (Q3), Rate 2		varh Note5	X	X	O
44421	1144h			Phase 1 reactive energy (Q3), Rate 3		varh Note5	X	X	O
44422	1145h			Phase 1 reactive energy (Q3), Rate 4		varh Note5	X	X	O
44423	1146h	4	R	Phase 2 reactive energy (Q3), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44424	1147h			Phase 2 reactive energy (Q3), Rate 2		varh Note5	X	X	O
44425	1148h			Phase 2 reactive energy (Q3), Rate 3		varh Note5	X	X	O
44426	1149h			Phase 2 reactive energy (Q3), Rate 4		varh Note5	X	X	O
44427	114Ah	4	R	Phase 3 reactive energy (Q3), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44428	114Bh			Phase 3 reactive energy (Q3), Rate 2		varh Note5	X	X	O
44429	114Ch			Phase 3 reactive energy (Q3), Rate 3		varh Note5	X	X	O
44430	114Dh			Phase 3 reactive energy (Q3), Rate 4		varh Note5	X	X	O

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
44431	114Eh	4	R	Phase 1 reactive energy (Q3), Rate 3	0 to 999,999,999	varh Note5	X	X	O
44432	114Fh			Phase 1 reactive energy (Q3), Rate 4		varh Note5	X	X	O
44433	1150h			Phase 2 reactive energy (Q3), Rate 1		varh Note5	X	X	O
44434	1151h	4	R	Phase 2 reactive energy (Q3), Rate 2	0 to 999,999,999	varh Note5	X	X	O
44435	1152h			Phase 2 reactive energy (Q3), Rate 3		varh Note5	X	X	O
44436	1153h			Phase 2 reactive energy (Q3), Rate 4		varh Note5	X	X	O
44437	1154h			Phase 3 reactive energy (Q3), Rate 1		varh Note5	X	X	O
44438	1155h	4	R	Phase 3 reactive energy (Q3), Rate 2	0 to 999,999,999	varh Note5	X	X	O
44439	1156h			Phase 3 reactive energy (Q3), Rate 3		varh Note5	X	X	O
44440	1157h			Phase 3 reactive energy (Q3), Rate 4		varh Note5	X	X	O
44441	1158h			All Phase reactive energy (Q4)		varh Note5	X	X	O
44442	1159h			Phase 1 reactive energy (Q4)		varh Note5	X	X	O
44443	115Ah	4	R	Phase 2 reactive energy (Q4)	0 to 999,999,999	varh Note5	X	X	O
44444	115Bh			Phase 3 reactive energy (Q4)		varh Note5	X	X	O
44445	115Ch			All Phase reactive energy (Q4), Rate 1		varh Note5	X	X	O
44446	115Dh			All Phase reactive energy (Q4), Rate 2		varh Note5	X	X	O
44447	115Eh	4	R	All Phase reactive energy (Q4), Rate 3	0 to 999,999,999	varh Note5	X	X	O
44448	115Fh			All Phase reactive energy (Q4), Rate 4		varh Note5	X	X	O
44449	1160h			Phase 1 reactive energy (Q4), Rate 1		varh Note5	X	X	O
44450	1161h			Phase 1 reactive energy (Q4), Rate 2		varh Note5	X	X	O
44451	1162h			Phase 1 reactive energy (Q4), Rate 3		varh Note5	X	X	O
44452	1163h	4	R	Phase 1 reactive energy (Q4), Rate 4	0 to 999,999,999	varh Note5	X	X	O
44453	1164h			Phase 2 reactive energy (Q4), Rate 1		varh Note5	X	X	O
44454	1165h			Phase 2 reactive energy (Q4), Rate 2		varh Note5	X	X	O
44455	1166h			Phase 2 reactive energy (Q4), Rate 3		varh Note5	X	X	O
44456	1167h	4	R	Phase 2 reactive energy (Q4), Rate 4	0 to 999,999,999	varh Note5	X	X	O
44457	1168h			All Phase reactive energy (Q4), Rate 1		varh Note5	X	X	O
44458	1169h			All Phase reactive energy (Q4), Rate 2		varh Note5	X	X	O
44459	116Ah			All Phase reactive energy (Q4), Rate 3		varh Note5	X	X	O
44460	116Bh			All Phase reactive energy (Q4), Rate 4		varh Note5	X	X	O
44461	116Ch	4	R	Phase 1 reactive energy (Q4), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44462	116Dh			Phase 1 reactive energy (Q4), Rate 2		varh Note5	X	X	O
44463	116Eh			Phase 1 reactive energy (Q4), Rate 3		varh Note5	X	X	O
44464	116Fh			Phase 1 reactive energy (Q4), Rate 4		varh Note5	X	X	O
44465	1170h	4	R	Phase 2 reactive energy (Q4), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44466	1171h			Phase 2 reactive energy (Q4), Rate 2		varh Note5	X	X	O
44467	1172h			Phase 2 reactive energy (Q4), Rate 3		varh Note5	X	X	O
44468	1173h			Phase 2 reactive energy (Q4), Rate 4		varh Note5	X	X	O
44469	1174h			All Phase reactive energy (Q4), Rate 1		varh Note5	X	X	O
44470	1175h	4	R	All Phase reactive energy (Q4), Rate 2	0 to 999,999,999	varh Note5	X	X	O
44471	1176h			All Phase reactive energy (Q4), Rate 3		varh Note5	X	X	O
44472	1177h			All Phase reactive energy (Q4), Rate 4		varh Note5	X	X	O
44473	1178h			Phase 1 reactive energy (Q4), Rate 1		varh Note5	X	X	O
44474	1179h	4	R	Phase 1 reactive energy (Q4), Rate 2	0 to 999,999,999	varh Note5	X	X	O
44475	117Ah			Phase 1 reactive energy (Q4), Rate 3		varh Note5	X	X	O
44476	117Bh			Phase 1 reactive energy (Q4), Rate 4		varh Note5	X	X	O
44477	117Ch			Phase 2 reactive energy (Q4), Rate 1		varh Note5	X	X	O
44478	117Dh			Phase 2 reactive energy (Q4), Rate 2		varh Note5	X	X	O
44479	117Eh	4	R	Phase 2 reactive energy (Q4), Rate 3	0 to 999,999,999	varh Note5	X	X	O
44480	117Fh			Phase 2 reactive energy (Q4), Rate 4		varh Note5	X	X	O
44481	1180h			Phase 3 reactive energy (Q4), Rate 1		varh Note5	X	X	O
44482	1181h			Phase 3 reactive energy (Q4), Rate 2		varh Note5	X	X	O
44483	1182h	4	R	Phase 3 reactive energy (Q4), Rate 3	0 to 999,999,999	varh Note5	X	X	O
44484	1183h			Phase 3 reactive energy (Q4), Rate 4		varh Note5	X	X	O
44485	1184h			All Phase reactive energy (Abs(Import)+Abs(Export))		varh Note5	X	X	O
44486	1185h			Phase 1 reactive energy (Abs(Import)+Abs(Export))		varh Note5	X	X	O
44487	1186h			Phase 2 reactive energy (Abs(Import)+Abs(Export))		varh Note5	X	X	O
44488	1187h	4	R	Phase 3 reactive energy (Abs(Import)+Abs(Export))	0 to 999,999,999	varh Note5	X	X	O
44489	1188h			All Phase reactive energy (Abs(Import)+Abs(Export)), Rate 1		varh Note5	X	X	O
44490	1189h			All Phase reactive energy (Abs(Import)+Abs(Export)), Rate 2		varh Note5	X	X	O
44491	118Ah			All Phase reactive energy (Abs(Import)+Abs(Export)), Rate 3		varh Note5	X	X	O
44492	118Bh	4	R	All Phase reactive energy (Abs(Import)+Abs(Export)), Rate 4	0 to 999,999,999	varh Note5	X	X	O
44493	118Ch			Phase 1 reactive energy (Abs(Import)+Abs(Export)), Rate 1		varh Note5	X	X	O
44494	118Dh			Phase 1 reactive energy (Abs(Import)+Abs(Export)), Rate 2		varh Note5	X	X	O
44495	118Eh			Phase 1 reactive energy (Abs(Import)+Abs(Export)), Rate 3		varh Note5	X	X	O
44496	118Fh			Phase 1 reactive energy (Abs(Import)+Abs(Export)), Rate 4		varh Note5	X	X	O
44497	1190h	4	R	Phase 2 reactive energy (Abs(Import)+Abs(Export)), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44498	1191h			Phase 2 reactive energy (Abs(Import)+Abs(Export)), Rate 2		varh Note5	X	X	O
44499	1192h			Phase 2 reactive energy (Abs(Import)+Abs(Export)), Rate 3		varh Note5	X	X	O
44500	1193h			Phase 2 reactive energy (Abs(Import)+Abs(Export)), Rate 4		varh Note5	X	X	O
44501	1194h	4	R	All Phase reactive energy (Abs(Import)+Abs(Export)), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44502	1195h			All Phase reactive energy (Abs(Import)+Abs(Export)), Rate 2		varh Note5	X	X	O
44503	1196h			All Phase reactive energy (Abs(Import)+Abs(Export)), Rate 3		varh Note5	X	X	O
44504	1197h			All Phase reactive energy (Abs(Import)+Abs(Export)), Rate 4		varh Note5	X	X	O
44505	1198h			Phase 1 reactive energy (Abs(Import)+Abs(Export)), Rate 1		varh Note5	X	X	O
44506	1199h	4	R	Phase 1 reactive energy (Abs(Import)+Abs(Export)), Rate 2	0 to 999,999,999	varh Note5	X	X	O
44507	119Ah			Phase 1 reactive energy (Abs(Import)+Abs(Export)), Rate 3		varh Note5	X	X	O
44508	119Bh			Phase 1 reactive energy (Abs(Import)+Abs(Export)), Rate 4		varh Note5	X	X	O
44509	119Ch			Phase 2 reactive energy (Abs(Import)+Abs(Export)), Rate 1		varh Note5	X	X	O
44510	119Dh	4	R	Phase 2 reactive energy (Abs(Import)+Abs(Export)), Rate 2	0 to 999,999,999	varh Note5	X	X	O
44511	119Eh			Phase 2 reactive energy (Abs(Import)+Abs(Export)), Rate 3		varh Note5	X	X	O
44512	119Fh			Phase 2 reactive energy (Abs(Import)+Abs(Export)), Rate 4		varh Note5	X	X	O
44513	11A0h			Phase 3 reactive energy (Abs(Import)+Abs(Export)), Rate 1		varh Note5	X	X	O
44514	11A1h			Phase 3 reactive energy (Abs(Import)+Abs(Export)), Rate 2		varh Note5	X	X	O
44515	11A2h	4	R	Phase 3 reactive energy (Abs(Import)+Abs(Export)), Rate 3	0 to 999,999,999	varh Note5	X	X	O
44516	11A3h			Phase 3 reactive energy (Abs(Import)+Abs(Export)), Rate 4		varh Note5	X	X	O
44517	11A4h			All Phase reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44518	11A5h			Phase 1 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44519	11A6h	4	R	Phase 2 reactive energy (Abs(Import)-Abs(Export))	0 to 999,999,999	varh Note5	X	X	O
44520	11A7h			Phase 2 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44521	11A8h			Phase 2 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44522	11A9h			Phase 3 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44523	11AAh			Phase 3 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44524	11ABh	4	R	Phase 3 reactive energy (Abs(Import)-Abs(Export))	0 to 999,999,999	varh Note5	X	X	O
44525	11ACh			Phase 3 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44526	11ADh			Phase 3 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44527	11AEh			Phase 3 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44528	11AFh	4	R	Phase 3 reactive energy (Abs(Import)-Abs(Export))	0 to 999,999,999	varh Note5	X	X	O
44529	11B0h			Phase 3 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44530	11B1h			Phase 3 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44531	11B2h			Phase 3 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44532	11B3h			All Phase reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44533	11B4h	4	R	Phase 1 reactive energy (Abs(Import)-Abs(Export))	0 to 999,999,999	varh Note5	X	X	O
44534	11B5h			Phase 2 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44535	11B6h			Phase 2 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44536	11B7h			Phase 3 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O
44537	11B8h	4	R	Phase 3 reactive energy (Abs(Import)-Abs(Export))	0 to 999,999,999	varh Note5	X	X	O
44538	11B9h			Phase 3 reactive energy (Abs(Import)-Abs(Export))		varh Note5	X	X	O

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
44539	11BAh	4	R	All Phase reactive energy (Abs(Import)-Abs(Export)), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44540	11BBh			All Phase reactive energy (Abs(Import)-Abs(Export)), Rate 2		varh Note5	X	X	O
44541	11BCh			All Phase reactive energy (Abs(Import)-Abs(Export)), Rate 3		varh Note5	X	X	O
44542	11BDh			All Phase reactive energy (Abs(Import)-Abs(Export)), Rate 4		varh Note5	X	X	O
44543	11BEh			Phase 1 reactive energy (Abs(Import)-Abs(Export)), Rate 1		varh Note5	X	X	O
44544	11BFh			Phase 1 reactive energy (Abs(Import)-Abs(Export)), Rate 2		varh Note5	X	X	O
44545	11C0h	4	R	Phase 1 reactive energy (Abs(Import)-Abs(Export)), Rate 3	0 to 999,999,999	varh Note5	X	X	O
44546	11C1h			Phase 1 reactive energy (Abs(Import)-Abs(Export)), Rate 4		varh Note5	X	X	O
44547	11C2h			Phase 2 reactive energy (Abs(Import)-Abs(Export)), Rate 1		varh Note5	X	X	O
44548	11C3h			Phase 2 reactive energy (Abs(Import)-Abs(Export)), Rate 2		varh Note5	X	X	O
44549	11C4h			Phase 2 reactive energy (Abs(Import)-Abs(Export)), Rate 3		varh Note5	X	X	O
44550	11C5h			Phase 2 reactive energy (Abs(Import)-Abs(Export)), Rate 4		varh Note5	X	X	O
44551	11C6h	4	R	Phase 3 reactive energy (Abs(Import)-Abs(Export)), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44552	11C7h			Phase 3 reactive energy (Abs(Import)-Abs(Export)), Rate 2		varh Note5	X	X	O
44553	11C8h			Phase 3 reactive energy (Abs(Import)-Abs(Export)), Rate 3		varh Note5	X	X	O
44554	11C9h			Phase 3 reactive energy (Abs(Import)-Abs(Export)), Rate 4		varh Note5	X	X	O
44555	11CAh			Demand All Phase Import active power (Q1+Q4), Rate 1		varh Note5	X	X	O
44556	11CBh			Demand All Phase Import active power (Q1+Q4), Rate 2		varh Note5	X	X	O
44557	11CCh	4	R	Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	varh Note5	X	X	O
44558	11CDh			Demand All Phase Import active power (Q1+Q4), Rate 4		varh Note5	X	X	O
44559	11CEh			Demand All Phase Export active power (Q2+Q3)		varh Note5	X	X	O
44560	11CFh			Demand All Phase Export active power (Q2+Q3), Rate 1		varh Note5	X	X	O
44561	11D0h			Demand All Phase Export active power (Q2+Q3), Rate 2		varh Note5	X	X	O
44562	11D1h			Demand All Phase Export active power (Q2+Q3), Rate 3		varh Note5	X	X	O
44563	11D2h	4	R	Demand All Phase Export active power (Q2+Q3), Rate 4	0 to 999,999,999	varh Note5	X	X	O
44564	11D3h			Demand All Phase Import reactive power (Q1+Q2)		varh Note5	X	X	O
44565	11D4h			Demand All Phase Import reactive power (Q1+Q2), Rate 1		varh Note5	X	X	O
44566	11D5h			Demand All Phase Import reactive power (Q1+Q2), Rate 2		varh Note5	X	X	O
44567	11D6h			Demand All Phase Import reactive power (Q1+Q2), Rate 3		varh Note5	X	X	O
44568	11D7h			Demand All Phase Import reactive power (Q1+Q2), Rate 4		varh Note5	X	X	O
44569	11D8h	4	R	Demand All Phase Export reactive power (Q3+Q4)	0 to 999,999,999	varh Note5	X	X	O
44570	11D9h			Demand All Phase Export reactive power (Q3+Q4), Rate 1		varh Note5	X	X	O
44571	11DAh			Demand All Phase Export reactive power (Q3+Q4), Rate 2		varh Note5	X	X	O
44572	11DBh			Demand All Phase Export reactive power (Q3+Q4), Rate 3		varh Note5	X	X	O
44573	11DCh			Demand All Phase Export reactive power (Q3+Q4), Rate 4		varh Note5	X	X	O
44574	11DDh			Demand All Phase reactive power (Q1)		varh Note5	X	X	O
44575	11DEh	4	R	Demand All Phase reactive power (Q1), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44576	11DFh			Demand All Phase reactive power (Q1), Rate 2		varh Note5	X	X	O
44577	11E0h			Demand All Phase reactive power (Q1), Rate 3		varh Note5	X	X	O
44578	11E1h			Demand All Phase reactive power (Q1), Rate 4		varh Note5	X	X	O
44579	11E2h			Demand All Phase reactive power (Q2)		varh Note5	X	X	O
44580	11E3h			Demand All Phase reactive power (Q2), Rate 1		varh Note5	X	X	O
44581	11E4h	4	R	Demand All Phase reactive power (Q2), Rate 2	0 to 999,999,999	varh Note5	X	X	O
44582	11E5h			Demand All Phase reactive power (Q2), Rate 3		varh Note5	X	X	O
44583	11E6h			Demand All Phase reactive power (Q2), Rate 4		varh Note5	X	X	O
44584	11E7h			Demand All Phase reactive power (Q3)		varh Note5	X	X	O
44585	11E8h			Demand All Phase reactive power (Q3), Rate 1		varh Note5	X	X	O
44586	11E9h			Demand All Phase reactive power (Q3), Rate 2		varh Note5	X	X	O
44587	11EAh	4	R	Demand All Phase reactive power (Q3), Rate 3	0 to 999,999,999	varh Note5	X	X	O
44588	11EBh			Demand All Phase reactive power (Q3), Rate 4		varh Note5	X	X	O
44589	11ECh			Demand All Phase reactive power (Q4)		varh Note5	X	X	O
44590	11EDh			Demand All Phase reactive power (Q4), Rate 1		varh Note5	X	X	O
44591	11EEh			Demand All Phase reactive power (Q4), Rate 2		varh Note5	X	X	O
44592	11EFh			Demand All Phase reactive power (Q4), Rate 3		varh Note5	X	X	O
44593	11F0h	4	R	Demand All Phase reactive power (Q4), Rate 4	0 to 999,999,999	varh Note5	X	X	O
44594	11F1h			Demand All Phase reactive power (Q3)		varh Note5	X	X	O
44595	11F2h			Demand All Phase reactive power (Q3), Rate 1		varh Note5	X	X	O
44596	11F3h			Demand All Phase reactive power (Q3), Rate 2		varh Note5	X	X	O
44597	11F4h			Demand All Phase reactive power (Q3), Rate 3		varh Note5	X	X	O
44598	11F5h			Demand All Phase reactive power (Q3), Rate 4		varh Note5	X	X	O
44599	11F6h	4	R	Demand All Phase reactive power (Q4)	0 to 999,999,999	varh Note5	X	X	O
44600	11F7h			Demand All Phase reactive power (Q4), Rate 1		varh Note5	X	X	O
44601	11F8h			Demand All Phase reactive power (Q4), Rate 2		varh Note5	X	X	O
44602	11F9h			Demand All Phase reactive power (Q4), Rate 3		varh Note5	X	X	O
44603	11FAh			Demand All Phase reactive power (Q4), Rate 4		varh Note5	X	X	O
44604	11FBh			Demand All Phase reactive power (Q3)		varh Note5	X	X	O
44605	11FCh	4	R	Demand All Phase reactive power (Q3), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44606	11FDh			Demand All Phase reactive power (Q3), Rate 2		varh Note5	X	X	O
44607	11FEh			Demand All Phase reactive power (Q3), Rate 3		varh Note5	X	X	O
44608	11FFh			Demand All Phase reactive power (Q3), Rate 4		varh Note5	X	X	O
44609	1200h			Demand All Phase reactive power (Q4)		varh Note5	X	X	O
44610	1201h			Demand All Phase reactive power (Q4), Rate 1		varh Note5	X	X	O
44611	1202h	4	R	Demand All Phase reactive power (Q4), Rate 2	0 to 999,999,999	varh Note5	X	X	O
44612	1203h			Demand All Phase reactive power (Q4), Rate 3		varh Note5	X	X	O
44613	1204h			Demand All Phase reactive power (Q4), Rate 4		varh Note5	X	X	O
44614	1205h			Demand All Phase reactive power (Q3)		varh Note5	X	X	O
44615	1206h			Demand All Phase reactive power (Q3), Rate 1		varh Note5	X	X	O
44616	1207h			Demand All Phase reactive power (Q3), Rate 2		varh Note5	X	X	O
44617	1208h	4	R	Demand All Phase reactive power (Q3), Rate 3	0 to 999,999,999	varh Note5	X	X	O
44618	1209h			Demand All Phase reactive power (Q3), Rate 4		varh Note5	X	X	O
44619	120Ah			Demand All Phase reactive power (Q4)		varh Note5	X	X	O
44620	120Bh			Demand All Phase reactive power (Q4), Rate 1		varh Note5	X	X	O
44621	120Ch			Demand All Phase reactive power (Q4), Rate 2		varh Note5	X	X	O
44622	120Dh			Demand All Phase reactive power (Q4), Rate 3		varh Note5	X	X	O
44623	120Eh	4	R	Demand All Phase reactive power (Q4), Rate 4	0 to 999,999,999	varh Note5	X	X	O
44624	120Fh			Demand All Phase reactive power (Q3)		varh Note5	X	X	O
44625	1210h			Demand All Phase reactive power (Q3), Rate 1		varh Note5	X	X	O
44626	1211h			Demand All Phase reactive power (Q3), Rate 2		varh Note5	X	X	O
44627	1212h			Demand All Phase reactive power (Q3), Rate 3		varh Note5	X	X	O
44628	1213h			Demand All Phase reactive power (Q3), Rate 4		varh Note5	X	X	O
44629	1214h	4	R	Demand All Phase reactive power (Q4)	0 to 999,999,999	varh Note5	X	X	O
44630	1215h			Demand All Phase reactive power (Q4), Rate 1		varh Note5	X	X	O
44631	1216h			Demand All Phase reactive power (Q4), Rate 2		varh Note5	X	X	O
44632	1217h			Demand All Phase reactive power (Q4), Rate 3		varh Note5	X	X	O
44633	1218h			Demand All Phase reactive power (Q4), Rate 4		varh Note5	X	X	O
44634	1219h			Demand All Phase reactive power (Q3)		varh Note5	X	X	O
44635	121Ah	4	R	Demand All Phase reactive power (Q3), Rate 1	0 to 999,999,999	varh Note5	X	X	O
44636	121Bh			Demand All Phase reactive power (Q3), Rate 2		varh Note5	X	X	O
44637	121Ch			Demand All Phase reactive power (Q3), Rate 3		varh Note5	X	X	O
44638	121Dh			Demand All Phase reactive power (Q3), Rate 4		varh Note5	X	X	O
44639	121Eh			Demand All Phase reactive power (Q4)		varh Note5	X	X	O
44640	121Fh			Demand All Phase reactive power (Q4), Rate 1		varh Note5	X	X	O
44641	1220h	4	R	Demand All Phase reactive power (Q4), Rate 2	0 to 999,999,999	varh Note5	X	X	O
44642	1221h			Demand All Phase reactive power (Q4), Rate 3		varh Note5	X	X	O
44643	1222h			Demand All Phase reactive power (Q4), Rate 4		varh Note5	X	X	O
44644	1223h			Demand All Phase reactive power (Q3)		varh Note5	X	X	O
44645	1224h			Demand All Phase reactive power (Q3), Rate 1		varh Note5	X	X	O
44646	1225h			Demand All Phase reactive power (Q3), Rate 2		varh Note5	X	X	O

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
44647	1226h	4	R	Demand All Phase reactive power (Q4), Rate 4	0 to 999,999,999	Var Note5	X	X	O
44648	1227h								
44649	1228h	4	R	Demand All Phase active power (Abs(Import)-Abs(Export))	0 to 999,999,999	W Note5	X	X	O
44650	1229h								
44651	122Ah	4	R	Demand All Phase active power (Abs(Import)-Abs(Export)), Rate 1	0 to 999,999,999	W Note5	X	X	O
44652	122Bh								
44653	122Ch	4	R	Demand All Phase active power (Abs(Import)-Abs(Export)), Rate 2	0 to 999,999,999	W Note5	X	X	O
44654	122Dh								
44655	122Eh	4	R	Demand All Phase active power (Abs(Import)-Abs(Export)), Rate 3	0 to 999,999,999	W Note5	X	X	O
44656	122Fh								
44657	1230h	4	R	Demand All Phase active power (Abs(Import)-Abs(Export)), Rate 4	0 to 999,999,999	W Note5	X	X	O
44658	1231h								
44659	1232h	4	R	Demand All Phase reactive power (Abs(Import)-Abs(Export))	0 to 999,999,999	Var Note5	X	X	O
44660	1233h								
44661	1234h	4	R	Demand All Phase reactive power (Abs(Import)-Abs(Export)), Rate 1	0 to 999,999,999	Var Note5	X	X	O
44662	1235h								
44663	1236h	4	R	Demand All Phase reactive power (Abs(Import)-Abs(Export)), Rate 2	0 to 999,999,999	Var Note5	X	X	O
44664	1237h								
44665	1238h	4	R	Demand All Phase reactive power (Abs(Import)-Abs(Export)), Rate 3	0 to 999,999,999	Var Note5	X	X	O
44666	1239h								
44667	123Ah	4	R	Demand All Phase reactive power (Abs(Import)-Abs(Export)), Rate 4	0 to 999,999,999	Var Note5	X	X	O
44668	123Bh								
44669	123Ch	4	R	Max. Demand All Phase Export active power (Q2+Q3)	0 to 999,999,999	W Note5	X	X	O
44670	123Dh								
44671	123Eh	4	R	Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O
44672	123Fh								
44673	1240h	4	R	Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O
44674	1241h								
44675	1242h	4	R	Max. Demand All Phase Export active power (Q2+Q3), Rate 3	0 to 999,999,999	W Note5	X	X	O
44676	1243h								
44677	1244h	4	R	Max. Demand All Phase Export active power (Q2+Q3), Rate 4	0 to 999,999,999	W Note5	X	X	O
44678	1245h								
44679	1246h	4	R	Max. Demand All Phase Export reactive power (Q3+Q4)	0 to 999,999,999	Var Note5	X	X	O
44680	1247h								
44681	1248h	4	R	Max. Demand All Phase Export reactive power (Q3+Q4), Rate 1	0 to 999,999,999	Var Note5	X	X	O
44682	1249h								
44683	124Ah	4	R	Max. Demand All Phase Export reactive power (Q3+Q4), Rate 2	0 to 999,999,999	Var Note5	X	X	O
44684	124Bh								
44685	124Ch	4	R	Max. Demand All Phase Export reactive power (Q3+Q4), Rate 3	0 to 999,999,999	Var Note5	X	X	O
44686	124Dh								
44687	124Eh	4	R	Max. Demand All Phase Export reactive power (Q3+Q4), Rate 4	0 to 999,999,999	Var Note5	X	X	O
44688	124Fh								
44689	1250h	4	R	Max. Demand All Phase reactive power (Q1)	0 to 999,999,999	Var Note5	X	X	O
44690	1251h								
44691	1252h	4	R	Max. Demand All Phase reactive power (Q1), Rate 1	0 to 999,999,999	Var Note5	X	X	O
44692	1253h								
44693	1254h	4	R	Max. Demand All Phase reactive power (Q1), Rate 2	0 to 999,999,999	Var Note5	X	X	O
44694	1255h								
44695	1256h	4	R	Max. Demand All Phase reactive power (Q1), Rate 3	0 to 999,999,999	Var Note5	X	X	O
44696	1257h								
44697	1258h	4	R	Max. Demand All Phase reactive power (Q1), Rate 4	0 to 999,999,999	Var Note5	X	X	O
44698	1259h								
44699	125Ah	4	R	Max. Demand All Phase reactive power (Q2)	0 to 999,999,999	Var Note5	X	X	O
44700	125Bh								
44701	125Ch	4	R	Max. Demand All Phase reactive power (Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O
44702	125Dh								
44703	125Eh	4	R	Max. Demand All Phase reactive power (Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O
44704	125Fh								
44705	1260h	4	R	Max. Demand All Phase reactive power (Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O
44706	1261h								
44707	1262h	4	R	Max. Demand All Phase reactive power (Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O
44708	1263h								
44709	1264h	4	R	Max. Demand All Phase reactive power (Q3)	0 to 999,999,999	Var Note5	X	X	O
44710	1265h								
44711	1266h	4	R	Max. Demand All Phase reactive power (Q3), Rate 1	0 to 999,999,999	Var Note5	X	X	O
44712	1267h								
44713	1268h	4	R	Max. Demand All Phase reactive power (Q3), Rate 2	0 to 999,999,999	Var Note5	X	X	O
44714	1269h								
44715	126Ah	4	R	Max. Demand All Phase reactive power (Q3), Rate 3	0 to 999,999,999	Var Note5	X	X	O
44716	126Bh								
44717	126Ch	4	R	Max. Demand All Phase reactive power (Q3), Rate 4	0 to 999,999,999	Var Note5	X	X	O
44718	126Dh								
44719	126Eh	4	R	Max. Demand All Phase reactive power (Q4)	0 to 999,999,999	Var Note5	X	X	O
44720	126Fh								
44721	1270h	4	R	Max. Demand All Phase reactive power (Q4), Rate 1	0 to 999,999,999	Var Note5	X	X	O
44722	1271h								
44723	1272h	4	R	Max. Demand All Phase reactive power (Q4), Rate 2	0 to 999,999,999	Var Note5	X	X	O
44724	1273h								
44725	1274h	4	R	Max. Demand All Phase reactive power (Q4), Rate 3	0 to 999,999,999	Var Note5	X	X	O
44726	1275h								
44727	1276h	4	R	Max. Demand All Phase reactive power (Q4), Rate 4	0 to 999,999,999	Var Note5	X	X	O
44728	1277h								
44729	1278h	4	R	Max. Demand All Phase active power (Abs(Import)-Abs(Export))	0 to 999,999,999	W Note5	X	X	O
44730	1279h								
44731	127Ah	4	R	Max. Demand All Phase active power (Abs(Import)-Abs(Export)), Rate 1	0 to 999,999,999	W Note5	X	X	O
44732	127Bh								
44733	127Ch	4	R	Max. Demand All Phase active power (Abs(Import)-Abs(Export)), Rate 2	0 to 999,999,999	W Note5	X	X	O
44734	127Dh								
44735	127Eh	4	R	Max. Demand All Phase active power (Abs(Import)-Abs(Export)), Rate 3	0 to 999,999,999	W Note5	X	X	O
44736	127Fh								
44737	1280h	4	R	Max. Demand All Phase active power (Abs(Import)-Abs(Export)), Rate 4	0 to 999,999,999	W Note5	X	X	O
44738	1281h								
44739	1282h	4	R	Max. Demand All Phase reactive power (Abs(Import)-Abs(Export))	0 to 999,999,999	Var Note5	X	X	O
44740	1283h								
44741	1284h	4	R	Max. Demand All Phase reactive power (Abs(Import)-Abs(Export)), Rate 1	0 to 999,999,999	Var Note5	X	X	O
44742	1285h								
44743	1286h	4	R	Max. Demand All Phase reactive power (Abs(Import)-Abs(Export)), Rate 2	0 to 999,999,999	Var Note5	X	X	O
44744	1287h								
44745	1288h	4	R	Max. Demand All Phase reactive power (Abs(Import)-Abs(Export)), Rate 3	0 to 999,999,999	Var Note5	X	X	O
44746	1289h								
44747	128Ah	4	R	Max. Demand All Phase reactive power (Abs(Import)-Abs(Export)), Rate 4	0 to 999,999,999	Var Note5	X	X	O
44748	128Bh								
44749	128Ch	4	R	Cumulative Max. DM All Phase Import active power (Q1+Q4)	0 to 999,999,999	W Note5	X	X	O
44750	128Dh								
44751	128Eh	4	R	Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O
44752	128Fh								
44753	1290h	4	R	Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O
44754	1291h								

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
44967	1366h	4	R	Harmonic V Phase 2 (16th order)	0 to 4,294,967,295	0.01 V	X	X	O
44968	1367h								
44969	1368h								
44970	1369h	4	R	Harmonic V Phase 3 (1st order)					
44971	136Ah								
44972	136Bh	4	R	Harmonic V Phase 3 (2nd order)					
44973	136Ch								
44974	136Dh	4	R	Harmonic V Phase 3 (3rd order)					
44975	136Eh								
44976	136Fh	4	R	Harmonic V Phase 3 (4th order)					
44977	1370h								
44978	1371h	4	R	Harmonic V Phase 3 (5th order)					
44979	1372h								
44980	1373h	4	R	Harmonic V Phase 3 (6th order)					
44981	1374h								
44982	1375h	4	R	Harmonic V Phase 3 (7th order)					
44983	1376h								
44984	1377h	4	R	Harmonic V Phase 3 (8th order)					
44985	1378h								
44986	1379h	4	R	Harmonic V Phase 3 (9th order)					
44987	137Ah								
44988	137Bh	4	R	Harmonic V Phase 3 (10th order)					
44989	137Ch								
44990	137Dh	4	R	Harmonic V Phase 3 (11th order)					
44991	137Eh								
44992	137Fh	4	R	Harmonic V Phase 3 (12th order)					
44993	1380h								
44994	1381h	4	R	Harmonic V Phase 3 (13th order)					
44995	1382h								
44996	1383h	4	R	Harmonic V Phase 3 (14th order)					
44997	1384h								
44998	1385h	4	R	Harmonic V Phase 3 (15th order)					
44999	1386h								
45000	1387h	4	R	Harmonic V Phase 3 (16th order)					
45001	1388h								
45002	1389h	4	R	Harmonic I Phase 1 (1st order)					
45003	138Ah								
45004	138Bh	4	R	Harmonic I Phase 1 (2nd order)					
45005	138Ch								
45006	138Dh	4	R	Harmonic I Phase 1 (3rd order)					
45007	138Eh								
45008	138Fh	4	R	Harmonic I Phase 1 (4th order)					
45009	1390h								
45010	1391h	4	R	Harmonic I Phase 1 (5th order)					
45011	1392h								
45012	1393h	4	R	Harmonic I Phase 1 (6th order)					
45013	1394h								
45014	1395h	4	R	Harmonic I Phase 1 (7th order)					
45015	1396h								
45016	1397h	4	R	Harmonic I Phase 1 (8th order)					
45017	1398h								
45018	1399h	4	R	Harmonic I Phase 1 (9th order)					
45019	139Ah								
45020	139Bh	4	R	Harmonic I Phase 1 (10th order)					
45021	139Ch								
45022	139Dh	4	R	Harmonic I Phase 1 (11th order)					
45023	139Eh								
45024	139Fh	4	R	Harmonic I Phase 1 (12th order)					
45025	13A0h								
45026	13A1h	4	R	Harmonic I Phase 1 (13th order)					
45027	13A2h								
45028	13A3h	4	R	Harmonic I Phase 1 (14th order)					
45029	13A4h								
45030	13A5h	4	R	Harmonic I Phase 1 (15th order)					
45031	13A6h								
45032	13A7h	4	R	Harmonic I Phase 1 (16th order)					
45033	13A8h								
45034	13A9h	4	R	Harmonic I Phase 2 (1st order)					
45035	13AAh								
45036	13ABh	4	R	Harmonic I Phase 2 (2nd order)					
45037	13ACh								
45038	13ADh	4	R	Harmonic I Phase 2 (3rd order)					
45039	13AEh								
45040	13AFh	4	R	Harmonic I Phase 2 (4th order)					
45041	13B0h								
45042	13B1h	4	R	Harmonic I Phase 2 (5th order)					
45043	13B2h								
45044	13B3h	4	R	Harmonic I Phase 2 (6th order)					
45045	13B4h								
45046	13B5h	4	R	Harmonic I Phase 2 (7th order)					
45047	13B6h								
45048	13B7h	4	R	Harmonic I Phase 2 (8th order)					
45049	13B8h								
45050	13B9h	4	R	Harmonic I Phase 2 (9th order)					
45051	13BAh								
45052	13BBh	4	R	Harmonic I Phase 2 (10th order)					
45053	13BCh								
45054	13BDh	4	R	Harmonic I Phase 2 (11th order)					
45055	13BEh								
45056	13BFh	4	R	Harmonic I Phase 2 (12th order)					
45057	13C0h								
45058	13C1h	4	R	Harmonic I Phase 2 (13th order)					
45059	13C2h								
45060	13C3h	4	R	Harmonic I Phase 2 (14th order)					
45061	13C4h								
45062	13C5h	4	R	Harmonic I Phase 2 (15th order)					
45063	13C6h								
45064	13C7h	4	R	Harmonic I Phase 2 (16th order)					
45065	13C8h								
45066	13C9h	4	R	Harmonic I Phase 3 (1st order)					
45067	13CAh								
45068	13CBh	4	R	Harmonic I Phase 3 (2nd order)					
45069	13CCh								
45070	13CDh	4	R	Harmonic I Phase 3 (3rd order)					
45071	13CEh								
45072	13CFh	4	R	Harmonic I Phase 3 (4th order)					
45073	13D0h								
45074	13D1h	4	R	Harmonic I Phase 3 (5th order)					
45075	13D2h								
45076	13D3h	4	R	Harmonic I Phase 3 (6th order)					
45077	13D4h								
45078	13D5h	4	R	Harmonic I Phase 3 (7th order)					
45079	13D6h								
45080	13D7h	4	R	Harmonic I Phase 3 (8th order)					
45081	13D8h								
45082	13D9h	4	R	Harmonic I Phase 3 (9th order)					

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2			
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600	
45083	13DAh	4	R	Harmonic I Phase 3 (10th order)	0 to 4,294,967,295	0.01 A	X	X	O	
45084	13DBh			Harmonic I Phase 3 (11th order)		0.01 A	X	X	O	
45085	13DCh			Harmonic I Phase 3 (12th order)		0.01 A	X	X	O	
45086	13DDh			Harmonic I Phase 3 (13th order)		0.01 A	X	X	O	
45087	13DEh			Harmonic I Phase 3 (14th order)		0.01 A	X	X	O	
45088	13DFh			Harmonic I Phase 3 (15th order)		0.01 A	X	X	O	
45089	13E0h			Harmonic I Phase 3 (16th order)		0.01 A	X	X	O	
45090	13E1h									
45091	13E2h									
45092	13E3h									
45093	13E4h									
45094	13E5h									
45095	13E6h									
45096	13E7h									
45097 ~	13E8h ~	Reserved					X	X	X	
45112	13F7h									
45113	13F8h	4	R	All Phase Import active energy (Q1+Q4)	0 to 999,999,999	Wh Note5	O	O	O	
45114	13F9h			Phase 1 Import active energy (Q1+Q4)		Wh Note5	O	O	O	
45115	13FAh			Phase 2 Import active energy (Q1+Q4)		Wh Note5	O	O	O	
45116	13FBh			Phase 3 Import active energy (Q1+Q4)		Wh Note5	O	O	O	
45117	13FCh			All Phase Import active energy (Q1+Q4), Rate 1		Wh Note5	O	O	O	
45118	13FDh			All Phase Import active energy (Q1+Q4), Rate 2		Wh Note5	O	O	O	
45119	13FEh			All Phase Import active energy (Q1+Q4), Rate 3		Wh Note5	O	O	O	
45120	13FFh			All Phase Import active energy (Q1+Q4), Rate 4		Wh Note5	X	X	O	
45121	1400h									
45122	1401h									
45123	1402h									
45124	1403h									
45125	1404h									
45126	1405h									
45127	1406h									
45128	1407h									
45129	1408h	4	R	Demand All Phase Import active power (Q1+Q4)	0 to 999,999,999	W Note5	X	X	O	
45130	1409h			Max. Demand All Phase Import active power (Q1+Q4)		W Note5	X	X	O	
45131	140Ah			Max. Demand All Phase Import active power (Q1+Q4), Rate 1		W Note5	X	X	O	
45132	140Bh			Max. Demand All Phase Import active power (Q1+Q4), Rate 2		W Note5	X	X	O	
45133	140Ch			Max. Demand All Phase Import active power (Q1+Q4), Rate 3		W Note5	X	X	O	
45134	140Dh			Max. Demand All Phase Import active power (Q1+Q4), Rate 4		W Note5	X	X	O	
45135	140Eh									
45136	140Fh									
45137	1410h									
45138	1411h									
45139	1412h	4	R	Max. Demand All Phase Import reactive power (Q1+Q2)	0 to 999,999,999	Var Note5	X	X	O	
45140	1413h			Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1		Var Note5	X	X	O	
45141	1414h			Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2		Var Note5	X	X	O	
45142	1415h			Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3		Var Note5	X	X	O	
45143	1416h			Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4		Var Note5	X	X	O	
45144	1417h									
45145	1418h									
45146	1419h									
45147	141Ah									
45148	141Bh									
45149	141Ch									
45150	141Dh									
45151	141Eh	2	R	Number of billing (Billing reset count) (default = 0)	0 to 99 Note9	-	O	O	O	
45152	141Fh	Reserved					X	X	X	
45153	1420h									
45154	1421h	8	R	Last billing date, time (Previous 1) (default = 01/Jan/2000, 00:00:00)	00YYMMDDhhmmss00 Note7	-	O	O	O	
45155	1422h			Previous 1 All Phase Import active energy (Q1+Q4)		Wh Note5	O	O	O	
45156	1423h			Previous 1 All Phase Import active energy (Q1+Q4), Rate 1		Wh Note5	O	O	O	
45157	1424h			Previous 1 All Phase Import active energy (Q1+Q4), Rate 2		Wh Note5	O	O	O	
45158	1425h			Previous 1 All Phase Import active energy (Q1+Q4), Rate 3		Wh Note5	O	O	O	
45159	1426h									
45160	1427h									
45161	1428h									
45162	1429h									
45163	142Ah									
45164	142Bh									
45165 ~	142Ch ~	Reserved					X	X	X	
45250	1481h									
45251	1482h	4	R	Previous 2 All Phase Import active energy (Q1+Q4)	0 to 999,999,999	Wh Note5	O	O	O	
45252	1483h			Previous 2 All Phase Import active energy (Q1+Q4), Rate 1		Wh Note5	O	O	O	
45253	1484h			Previous 2 All Phase Import active energy (Q1+Q4), Rate 2		Wh Note5	O	O	O	
45254	1485h			Previous 2 All Phase Import active energy (Q1+Q4), Rate 3		Wh Note5	O	O	O	
45255	1486h									
45256	1487h									
45257	1488h									
45258	1489h									
45259 ~	148Ah ~	Reserved					X	X	X	
46285	188Ch									
46286	188Dh	2	R	Number of available billing data (default = 1)	1 to 13 Note9	-	X	X	O	
46287	188Eh	2	WP	Manual demand reset ^{Note11}	1	-	X	X	O	
46288 ~	188Fh ~	Reserved					X	X	X	
415499	3C8Ah									
415500	3C8Bh									
415501	3C8Ch	6	R	Previous 1 billing date, time (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
415502	3C8Dh			Previous 1 All Phase Import active energy (Q1+Q4), Total rate		Wh Note5	X	X	O	
415503	3C8Eh	4	R	Previous 1 All Phase Import active energy (Q1+Q4), Rate 1	0 to 999,999,999	Wh Note5	X	X	O	
415504	3C8Fh			Previous 1 All Phase Import active energy (Q1+Q4), Rate 2		Wh Note5	X	X	O	
415505	3C90h			Previous 1 All Phase Import active energy (Q1+Q4), Rate 3		Wh Note5	X	X	O	
415506	3C91h			Previous 1 All Phase Import active energy (Q1+Q4), Rate 4		Wh Note5	X	X	O	
415507	3C92h									
415508	3C93h									
415509	3C94h									
415510	3C95h									
415511	3C96h									
415512	3C97h									
415513	3C98h	4	R	Previous 1 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X	O	
415514	3C99h			Previous 1 All Phase Export active energy (Q2+Q3), Rate 1		Wh Note5	X	X	O	
415515	3C9Ah			Previous 1 All Phase Export active energy (Q2+Q3), Rate 2		Wh Note5	X	X	O	
415516	3C9Bh			Previous 1 All Phase Export active energy (Q2+Q3), Rate 3		Wh Note5	X	X	O	
415517	3C9Ch			Previous 1 All Phase Export active energy (Q2+Q3), Rate 4		Wh Note5	X	X	O	
415518	3C9Dh									
415519	3C9Eh									
415520	3C9Fh									
415521	3CA0h									
415522	3CA1h									
415523	3CA2h	4	R	Previous 1 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X	O	
415524	3CA3h			Previous 1 All Phase Import reactive energy (Q1+Q2), Rate 1		Varh Note5	X	X	O	
415525	3CA4h			Previous 1 All Phase Import reactive energy (Q1+Q2), Rate 2		Varh Note5	X	X	O	
415526	3CA5h			Previous 1 All Phase Import reactive energy (Q1+Q2), Rate 3		Varh Note5	X	X	O	
415527	3CA6h									
415528	3CA7h									
415529	3CA8h									
415530	3CA9h									

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
415531	3CAAh	4	R	Previous 1 All Phase Import reactive energy (Q1+Q2), Rate 4	0 to 999,999,999	Varh Note5	X	X	O
415532	3CABh	4	R	Previous 1 All Phase Export reactive energy (Q3+Q4), Total rate		Varh Note5	X	X	O
415533	3CACh	4	R	Previous 1 All Phase Export reactive energy (Q3+Q4), Rate 1		Varh Note5	X	X	O
415534	3CADh	4	R	Previous 1 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O
415535	3CAEh	4	R	Previous 1 All Phase Export reactive energy (Q3+Q4), Rate 3		Varh Note5	X	X	O
415536	3CAFh	4	R	Previous 1 All Phase Export reactive energy (Q3+Q4), Rate 4		Varh Note5	X	X	O
415537	3CB0h	4	R	Previous 1 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O
415538	3CB1h	4	R	Previous 1 Max. Demand All Phase Import active power (Q1+Q4), Rate 1		W Note5	X	X	O
415539	3CB2h	4	R	Previous 1 Max. Demand All Phase Import active power (Q1+Q4), Rate 2		W Note5	X	X	O
415540	3CB3h	4	R	Previous 1 Max. Demand All Phase Import active power (Q1+Q4), Rate 3		W Note5	X	X	O
415541	3CB4h	4	R	Previous 1 Max. Demand All Phase Import active power (Q1+Q4), Rate 4		W Note5	X	X	O
415542	3CB5h	4	R	Previous 1 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O
415543	3CB6h	4	R	Previous 1 Max. Demand All Phase Export active power (Q2+Q3), Rate 1		W Note5	X	X	O
415544	3CB7h	4	R	Previous 1 Max. Demand All Phase Export active power (Q2+Q3), Rate 2		W Note5	X	X	O
415545	3CB8h	4	R	Previous 1 Max. Demand All Phase Export active power (Q2+Q3), Rate 3		W Note5	X	X	O
415546	3CB9h	4	R	Previous 1 Max. Demand All Phase Export active power (Q2+Q3), Rate 4		W Note5	X	X	O
415547	3CBAh	4	R	Previous 1 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O
415548	3CBBh	4	R	Previous 1 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1		Var Note5	X	X	O
415549	3CBBh	4	R	Previous 1 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2		Var Note5	X	X	O
415550	3CBBh	4	R	Previous 1 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3		Var Note5	X	X	O
415551	3CBBh	4	R	Previous 1 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4		Var Note5	X	X	O
415552	3CBBh	4	R	Previous 1 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O
415553	3CBBh	4	R	Previous 1 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 1		Var Note5	X	X	O
415554	3CBBh	4	R	Previous 1 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 2		Var Note5	X	X	O
415555	3CBBh	4	R	Previous 1 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 3		Var Note5	X	X	O
415556	3CBBh	4	R	Previous 1 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 4		Var Note5	X	X	O
415557	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415558	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415559	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415560	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415561	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415562	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415563	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415564	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415565	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415566	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415567	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415568	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415569	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415570	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415571	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415572	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415573	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415574	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415575	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415576	3CBBh	4	R	Previous 1 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415577	3CBBh	4	R	Previous 1 Cumulative Max. DM All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O
415578	3CBBh	4	R	Previous 1 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 1		W Note5	X	X	O
415579	3CBBh	4	R	Previous 1 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 2		W Note5	X	X	O
415580	3CBBh	4	R	Previous 1 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 3		W Note5	X	X	O
415581	3CBBh	4	R	Previous 1 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 4		W Note5	X	X	O

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2			
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600	
415649	3D20h	4	R	Previous 1 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	
415650	3D21h					W Note5	X	X	O	
415651	3D22h	4	R	Previous 1 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 4		W Note5	X	X	O	
415652	3D23h									
415653	3D24h	4	R	Previous 1 Cumulative Max. DM All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	
415654	3D25h					W Note5	X	X	O	
415655	3D26h	4	R	Previous 1 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 1		W Note5	X	X	O	
415656	3D27h					W Note5	X	X	O	
415657	3D28h	4	R	Previous 1 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 2		W Note5	X	X	O	
415658	3D29h					W Note5	X	X	O	
415659	3D2Ah	4	R	Previous 1 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 3		W Note5	X	X	O	
415660	3D2Bh					W Note5	X	X	O	
415661	3D2Ch	4	R	Previous 1 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 4	0 to 999,999,999	Var Note5	X	X	O	
415662	3D2Dh					Var Note5	X	X	O	
415663	3D2Eh	4	R	Previous 1 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Total rate		Var Note5	X	X	O	
415664	3D2Fh					Var Note5	X	X	O	
415665	3D30h	4	R	Previous 1 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 1		Var Note5	X	X	O	
415666	3D31h					Var Note5	X	X	O	
415667	3D32h	4	R	Previous 1 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 2		Var Note5	X	X	O	
415668	3D33h					Var Note5	X	X	O	
415669	3D34h	4	R	Previous 1 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 3		Var Note5	X	X	O	
415670	3D35h					Var Note5	X	X	O	
415671	3D36h	4	R	Previous 1 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 4		Var Note5	X	X	O	
415672	3D37h					Var Note5	X	X	O	
415673	3D38h	4	R	Previous 1 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	
415674	3D39h					Var Note5	X	X	O	
415675	3D3Ah	4	R	Previous 1 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 1		Var Note5	X	X	O	
415676	3D3Bh					Var Note5	X	X	O	
415677	3D3Ch	4	R	Previous 1 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 2		Var Note5	X	X	O	
415678	3D3Dh					Var Note5	X	X	O	
415679	3D3Eh	4	R	Previous 1 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 3		Var Note5	X	X	O	
415680	3D3Fh					Var Note5	X	X	O	
415681	3D40h	4	R	Previous 1 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 4		Var Note5	X	X	O	
415682	3D41h					Var Note5	X	X	O	
415683	3D42h	6	R	Previous 2 billing date, time (default = 01/Jan/2000, 00:00:00)		YYMMDDhhmmss Note8	-	X	X	O
415684	3D43h									
415685	3D44h									
415686	3D45h	4	R	Previous 2 All Phase Import active energy (Q1+Q4), Total rate	0 to 999,999,999	Wh Note5	X	X	O	
415687	3D46h					Wh Note5	X	X	O	
415688	3D47h	4	R	Previous 2 All Phase Import active energy (Q1+Q4), Rate 1		Wh Note5	X	X	O	
415689	3D48h					Wh Note5	X	X	O	
415690	3D49h	4	R	Previous 2 All Phase Import active energy (Q1+Q4), Rate 2		Wh Note5	X	X	O	
415691	3D4Ah					Wh Note5	X	X	O	
415692	3D4Bh	4	R	Previous 2 All Phase Import active energy (Q1+Q4), Rate 3		Wh Note5	X	X	O	
415693	3D4Ch					Wh Note5	X	X	O	
415694	3D4Dh	4	R	Previous 2 All Phase Import active energy (Q1+Q4), Rate 4		Wh Note5	X	X	O	
415695	3D4Eh					Wh Note5	X	X	O	
415696	3D4Fh	4	R	Previous 2 All Phase Export active energy (Q2+Q3), Total rate		Wh Note5	X	X	O	
415697	3D50h					Wh Note5	X	X	O	
415698	3D51h	4	R	Previous 2 All Phase Export active energy (Q2+Q3), Rate 1	Wh Note5	X	X	O		
415699	3D52h				Wh Note5	X	X	O		
415700	3D53h	4	R	Previous 2 All Phase Export active energy (Q2+Q3), Rate 2	0 to 999,999,999	Wh Note5	X	X	O	
415701	3D54h					Wh Note5	X	X	O	
415702	3D55h	4	R	Previous 2 All Phase Export active energy (Q2+Q3), Rate 3		Wh Note5	X	X	O	
415703	3D56h					Wh Note5	X	X	O	
415704	3D57h	4	R	Previous 2 All Phase Export active energy (Q2+Q3), Rate 4		Wh Note5	X	X	O	
415705	3D58h					Wh Note5	X	X	O	
415706	3D59h	4	R	Previous 2 All Phase Import reactive energy (Q1+Q2), Total rate		Varh Note5	X	X	O	
415707	3D5Ah					Varh Note5	X	X	O	
415708	3D5Bh	4	R	Previous 2 All Phase Import reactive energy (Q1+Q2), Rate 1		Varh Note5	X	X	O	
415709	3D5Ch					Varh Note5	X	X	O	
415710	3D5Dh	4	R	Previous 2 All Phase Import reactive energy (Q1+Q2), Rate 2		Varh Note5	X	X	O	
415711	3D5Eh					Varh Note5	X	X	O	
415712	3D5Fh	4	R	Previous 2 All Phase Import reactive energy (Q1+Q2), Rate 3	Varh Note5	X	X	O		
415713	3D60h				Varh Note5	X	X	O		
415714	3D61h	4	R	Previous 2 All Phase Import reactive energy (Q1+Q2), Rate 4	Varh Note5	X	X	O		
415715	3D62h				Varh Note5	X	X	O		
415716	3D63h	4	R	Previous 2 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O	
415717	3D64h					Varh Note5	X	X	O	
415718	3D65h	4	R	Previous 2 All Phase Export reactive energy (Q3+Q4), Rate 1		Varh Note5	X	X	O	
415719	3D66h					Varh Note5	X	X	O	
415720	3D67h	4	R	Previous 2 All Phase Export reactive energy (Q3+Q4), Rate 2		Varh Note5	X	X	O	
415721	3D68h					Varh Note5	X	X	O	
415722	3D69h	4	R	Previous 2 All Phase Export reactive energy (Q3+Q4), Rate 3		Varh Note5	X	X	O	
415723	3D6Ah					Varh Note5	X	X	O	
415724	3D6Bh	4	R	Previous 2 All Phase Export reactive energy (Q3+Q4), Rate 4		Varh Note5	X	X	O	
415725	3D6Ch					Varh Note5	X	X	O	
415726	3D6Dh	4	R	Previous 2 Max. Demand All Phase Import active power (Q1+Q4), Total rate		0 to 999,999,999	W Note5	X	X	O
415727	3D6Eh						W Note5	X	X	O
415728	3D6Fh	4	R	Previous 2 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	W Note5		X	X	O	
415729	3D70h				W Note5		X	X	O	
415730	3D71h	4	R	Previous 2 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	W Note5		X	X	O	
415731	3D72h				W Note5		X	X	O	
415732	3D73h	4	R	Previous 2 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	W Note5		X	X	O	
415733	3D74h				W Note5		X	X	O	
415734	3D75h	4	R	Previous 2 Max. Demand All Phase Import active power (Q1+Q4), Rate 4	W Note5		X	X	O	
415735	3D76h				W Note5		X	X	O	
415736	3D77h	4	R	Previous 2 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999		W Note5	X	X	O
415737	3D78h						W Note5	X	X	O
415738	3D79h	4	R	Previous 2 Max. Demand All Phase Export active power (Q2+Q3), Rate 1		W Note5	X	X	O	
415739	3D7Ah					W Note5	X	X	O	
415740	3D7Bh	4	R	Previous 2 Max. Demand All Phase Export active power (Q2+Q3), Rate 2		W Note5	X	X	O	
415741	3D7Ch					W Note5	X	X	O	
415742	3D7Dh	4	R	Previous 2 Max. Demand All Phase Export active power (Q2+Q3), Rate 3		W Note5	X	X	O	
415743	3D7Eh					W Note5	X	X	O	
415744	3D7Fh	4	R	Previous 2 Max. Demand All Phase Export active power (Q2+Q3), Rate 4		W Note5	X	X	O	
415745	3D80h					W Note5	X	X	O	
415746	3D81h	4	R	Previous 2 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate		0 to 999,999,999	Var Note5	X	X	O
415747	3D82h						Var Note5	X	X	O
415748	3D83h	4	R	Previous 2 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	Var Note5		X	X	O	
415749	3D84h				Var Note5		X	X	O	
415750	3D85h	4	R	Previous 2 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	Var Note5		X	X	O	
415751	3D86h				Var Note5		X	X	O	
415752	3D87h	4	R	Previous 2 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	Var Note5		X	X	O	
415753	3D88h				Var Note5		X	X	O	
415754	3D89h	4	R	Previous 2 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	Var Note5		X	X	O	
415755	3D8Ah				Var Note5		X	X	O	
415756	3D8Bh	4	R	Previous 2 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999		Var Note5	X	X	O
415757	3D8Ch						Var Note5	X	X	O
415758	3D8Dh	4	R	Previous 2 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 1		Var Note5	X	X	O	
415759	3D8Eh					Var Note5	X	X	O	
415760	3D8Fh	4	R	Previous 2 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 2		Var Note5	X	X	O	
415761	3D90h					Var Note5	X	X	O	
415762	3D91h	4	R	Previous 2 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 3		Var Note5	X	X	O	
415763	3D92h					Var Note5	X	X	O	
415764	3D93h	4	R	Previous 2 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 4		Var Note5	X	X	O	
415765	3D94h					Var Note5	X	X	O	

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
415766	3D95h	6	R	Previous 2 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415767	3D96h								
415768	3D97h								
415769	3D98h	6	R	Previous 2 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415770	3D99h								
415771	3D9Ah								
415772	3D9Bh	6	R	Previous 2 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415773	3D9Ch								
415774	3D9Dh								
415775	3D9Eh	6	R	Previous 2 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415776	3D9Fh								
415777	3DA0h								
415778	3DA1h	6	R	Previous 2 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415779	3DA2h								
415780	3DA3h								
415781	3DA4h	6	R	Previous 2 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415782	3DA5h								
415783	3DA6h								
415784	3DA7h	6	R	Previous 2 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415785	3DA8h								
415786	3DA9h								
415787	3DAAh	6	R	Previous 2 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415788	3DABh								
415789	3DACH								
415790	3DADh	6	R	Previous 2 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415791	3DAEh								
415792	3DAFh								
415793	3DB0h	6	R	Previous 2 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415794	3DB1h								
415795	3DB2h								
415796	3DB3h	6	R	Previous 2 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415797	3DB4h								
415798	3DB5h								
415799	3DB6h	6	R	Previous 2 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415800	3DB7h								
415801	3DB8h								
415802	3DB9h	6	R	Previous 2 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415803	3DBAh								
415804	3DBBh								
415805	3DBCh	6	R	Previous 2 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415806	3DBDh								
415807	3DBEh								
415808	3DBFh	6	R	Previous 2 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415809	3DC0h								
415810	3DC1h								
415811	3DC2h	6	R	Previous 2 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415812	3DC3h								
415813	3DC4h								
415814	3DC5h	6	R	Previous 2 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415815	3DC6h								
415816	3DC7h								
415817	3DC8h	6	R	Previous 2 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415818	3DC9h								
415819	3DCAh								
415820	3DCBh	6	R	Previous 2 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415821	3DCCh								
415822	3DCDh								
415823	3DCEh	6	R	Previous 2 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415824	3DCFh								
415825	3DD0h								
415826	3DD1h	4	R	Previous 2 Cumulative Max. DM All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O
415827	3DD2h								
415828	3DD3h								
415829	3DD4h	4	R	Previous 2 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O
415830	3DD5h								
415831	3DD6h								
415832	3DD7h	4	R	Previous 2 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O
415833	3DD8h								
415834	3DD9h								
415835	3DDAh	4	R	Previous 2 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O
415836	3DDBh								
415837	3DDCh								
415838	3DDDh	4	R	Previous 2 Cumulative Max. DM All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O
415839	3DDEh								
415840	3DDFh								
415841	3DE0h	4	R	Previous 2 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O
415842	3DE1h								
415843	3DE2h								
415844	3DE3h	4	R	Previous 2 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O
415845	3DE4h								
415846	3DE5h								
415847	3DE6h	4	R	Previous 2 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O
415848	3DE7h								
415849	3DE8h								
415850	3DE9h	4	R	Previous 2 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O
415851	3DEAh								
415852	3DEBh								
415853	3DECCh	4	R	Previous 2 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O
415854	3DEDh								
415855	3DEEh								
415856	3DEFh	4	R	Previous 2 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O
415857	3DF0h								
415858	3DF1h								
415859	3DF2h	4	R	Previous 2 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O
415860	3DF3h								
415861	3DF4h								
415862	3DF5h	4	R	Previous 2 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 1	0 to 999,999,999	Var Note5	X	X	O
415863	3DF6h								
415864	3DF7h								
415865	3DF8h	4	R	Previous 2 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 2	0 to 999,999,999	Var Note5	X	X	O
415866	3DF9h								
415867	3DFAh								
415868	3DFBh	6	R	Previous 3 billing date, time (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
415869	3DFCh								
415870	3DFDh								
415871	3DFEh	4	R	Previous 3 All Phase Import active energy (Q1+Q4), Total rate	0 to 999,999,999	Wh Note5	X	X	O
415872	3DFFh								
415873	3E00h								
415874	3E01h	4	R	Previous 3 All Phase Import active energy (Q1+Q4), Rate 1	0 to 999,999,999	Wh Note5	X	X	O
415875	3E02h								
415876	3E03h								
415877	3E04h	4	R	Previous 3 All Phase Import active energy (Q1+Q4), Rate 2	0 to 999,999,999	Wh Note5	X	X	O
415878	3E05h								
415879	3E06h								
415880	3E07h	4	R	Previous 3 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X	O
415881	3E08h								
415882	3E09h								
415883	3E0Ah	4	R	Previous 3 All Phase Export active energy (Q2+Q3), Rate 1	0 to 999,999,999	Wh Note5	X	X	O
415884	3E0Bh								

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
416003	3E82h	6	R	Previous 3 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416004	3E83h								
416005	3E84h								
416006	3E85h	6	R	Previous 3 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416007	3E86h								
416008	3E87h								
416009	3E88h	4	R	Previous 3 Cumulative Max. DM All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O
416010	3E89h								
416011	3E8Ah								
416012	3E8Bh	4	R	Previous 3 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O
416013	3E8Ch								
416014	3E8Dh								
416015	3E8Eh	4	R	Previous 3 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O
416016	3E8Fh								
416017	3E90h								
416018	3E91h	4	R	Previous 3 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O
416019	3E92h								
416020	3E93h								
416021	3E94h	4	R	Previous 3 Cumulative Max. DM All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O
416022	3E95h								
416023	3E96h								
416024	3E97h	4	R	Previous 3 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O
416025	3E98h								
416026	3E99h								
416027	3E9Ah	4	R	Previous 3 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O
416028	3E9Bh								
416029	3E9Ch								
416030	3E9Dh	4	R	Previous 3 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O
416031	3E9Eh								
416032	3E9Fh								
416033	3EA0h	4	R	Previous 3 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O
416034	3EA1h								
416035	3EA2h								
416036	3EA3h	4	R	Previous 3 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O
416037	3EA4h								
416038	3EA5h								
416039	3EA6h	4	R	Previous 3 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O
416040	3EA7h								
416041	3EA8h								
416042	3EA9h	4	R	Previous 3 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O
416043	3EAAh								
416044	3EABh								
416045	3EACH	4	R	Previous 3 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 1	0 to 999,999,999	Var Note5	X	X	O
416046	3EADh								
416047	3EAEh								
416048	3EAFh	4	R	Previous 3 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 2	0 to 999,999,999	Var Note5	X	X	O
416049	3EB0h								
416050	3EB1h								
416051	3EB2h	6	R	Previous 4 billing date, time (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416052	3EB3h								
416053	3EB4h								
416054	3EB5h	4	R	Previous 4 All Phase Import active energy (Q1+Q4), Total rate	0 to 999,999,999	Wh Note5	X	X	O
416055	3EB6h								
416056	3EB7h								
416057	3EB8h	4	R	Previous 4 All Phase Import active energy (Q1+Q4), Rate 1	0 to 999,999,999	Wh Note5	X	X	O
416058	3EB9h								
416059	3EBAh								
416060	3EBBh	4	R	Previous 4 All Phase Import active energy (Q1+Q4), Rate 2	0 to 999,999,999	Wh Note5	X	X	O
416061	3EBCh								
416062	3EBDh								
416063	3EBEh	4	R	Previous 4 All Phase Import active energy (Q1+Q4), Rate 3	0 to 999,999,999	Wh Note5	X	X	O
416064	3EBFh								
416065	3EC0h								
416066	3EC1h	4	R	Previous 4 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X	O
416067	3EC2h								
416068	3EC3h								
416069	3EC4h	4	R	Previous 4 All Phase Export active energy (Q2+Q3), Rate 1	0 to 999,999,999	Wh Note5	X	X	O
416070	3EC5h								
416071	3EC6h								
416072	3EC7h	4	R	Previous 4 All Phase Export active energy (Q2+Q3), Rate 2	0 to 999,999,999	Wh Note5	X	X	O
416073	3EC8h								
416074	3EC9h								
416075	3ECAh	4	R	Previous 4 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X	O
416076	3ECBh								
416077	3ECh								
416078	3ECDh	4	R	Previous 4 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O
416079	3ECEh								
416080	3ECFh								
416081	3ED0h	4	R	Previous 4 All Phase Import reactive energy (Q1+Q2), Rate 2	0 to 999,999,999	Varh Note5	X	X	O
416082	3ED1h								
416083	3ED2h								
416084	3ED3h	4	R	Previous 4 All Phase Import reactive energy (Q1+Q2), Rate 3	0 to 999,999,999	Varh Note5	X	X	O
416085	3ED4h								
416086	3ED5h								
416087	3ED6h	4	R	Previous 4 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O
416088	3ED7h								
416089	3ED8h								
416090	3ED9h	4	R	Previous 4 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O
416091	3EDAh								
416092	3EDBh								
416093	3EDCh	4	R	Previous 4 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O
416094	3EDDh								
416095	3EDEh								
416096	3EDFh	4	R	Previous 4 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O
416097	3EE0h								
416098	3EE1h								
416099	3EE2h	4	R	Previous 4 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O
416100	3EE3h								
416101	3EE4h								
416102	3EE5h	4	R	Previous 4 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O
416103	3EE6h								
416104	3EE7h								
416105	3EE8h	4	R	Previous 4 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O
416106	3EE9h								
416107	3EEAh								
416108	3EEBh	4	R	Previous 4 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O
416109	3EECh								
416110	3EEDh								
416111	3EEEh	4	R	Previous 4 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O
416112	3EEFh								
416113	3EF0h								
416114	3EF1h	4	R	Previous 4 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O
416115	3EF2h								
416116	3EF3h								
416117	3EF4h	4	R	Previous 4 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O
416118	3EF5h								
416119	3EF6h								
416120	3EF7h	4	R	Previous 4 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O
416121	3EF8h								

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
416122	3EF9h	4	R	Previous 4 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O
416123	3EFAh			Var Note5		X	X	O	
416124	3EFBh			Var Note5		X	X	O	
416125	3EFC			Var Note5		X	X	O	
416126	3EFDh			Var Note5		X	X	O	
416127	3EFEh			Var Note5		X	X	O	
416128	3EFFh			Var Note5		X	X	O	
416129	3F00h			Var Note5		X	X	O	
416130	3F01h	6	R	Previous 4 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 1	YYMMDDhhmmss Note8	-	X	X	O
416131	3F02h			-		X	X	O	
416132	3F03h			-		X	X	O	
416133	3F04h			-		X	X	O	
416134	3F05h			-		X	X	O	
416135	3F06h			-		X	X	O	
416136	3F07h			-		X	X	O	
416137	3F08h			-		X	X	O	
416138	3F09h	6	R	Previous 4 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416139	3F0Ah			-		X	X	O	
416140	3F0Bh			-		X	X	O	
416141	3F0Ch			-		X	X	O	
416142	3F0Dh			-		X	X	O	
416143	3F0Eh			-		X	X	O	
416144	3F0Fh			-		X	X	O	
416145	3F10h			-		X	X	O	
416146	3F11h	6	R	Previous 4 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416147	3F12h			-		X	X	O	
416148	3F13h			-		X	X	O	
416149	3F14h			-		X	X	O	
416150	3F15h			-		X	X	O	
416151	3F16h			-		X	X	O	
416152	3F17h			-		X	X	O	
416153	3F18h			-		X	X	O	
416154	3F19h	6	R	Previous 4 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416155	3F1Ah			-		X	X	O	
416156	3F1Bh			-		X	X	O	
416157	3F1Ch			-		X	X	O	
416158	3F1Dh			-		X	X	O	
416159	3F1Eh			-		X	X	O	
416160	3F1Fh			-		X	X	O	
416161	3F20h			-		X	X	O	
416162	3F21h	6	R	Previous 4 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416163	3F22h			-		X	X	O	
416164	3F23h			-		X	X	O	
416165	3F24h			-		X	X	O	
416166	3F25h			-		X	X	O	
416167	3F26h			-		X	X	O	
416168	3F27h			-		X	X	O	
416169	3F28h			-		X	X	O	
416170	3F29h	6	R	Previous 4 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416171	3F2Ah			-		X	X	O	
416172	3F2Bh			-		X	X	O	
416173	3F2Ch			-		X	X	O	
416174	3F2Dh			-		X	X	O	
416175	3F2Eh			-		X	X	O	
416176	3F2Fh			-		X	X	O	
416177	3F30h			-		X	X	O	
416178	3F31h	6	R	Previous 4 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416179	3F32h			-		X	X	O	
416180	3F33h			-		X	X	O	
416181	3F34h			-		X	X	O	
416182	3F35h			-		X	X	O	
416183	3F36h			-		X	X	O	
416184	3F37h			-		X	X	O	
416185	3F38h			-		X	X	O	
416186	3F39h	6	R	Previous 4 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416187	3F3Ah			-		X	X	O	
416188	3F3Bh			-		X	X	O	
416189	3F3Ch			-		X	X	O	
416190	3F3Dh			-		X	X	O	
416191	3F3Eh			-		X	X	O	
416192	3F3Fh			-		X	X	O	
416193	3F40h			-		X	X	O	
416194	3F41h	4	R	Previous 4 Cumulative Max. DM All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O
416195	3F42h			W Note5		X	X	O	
416196	3F43h			W Note5		X	X	O	
416197	3F44h			W Note5		X	X	O	
416198	3F45h			W Note5		X	X	O	
416199	3F46h			W Note5		X	X	O	
416200	3F47h			W Note5		X	X	O	
416201	3F48h			W Note5		X	X	O	
416202	3F49h	4	R	Previous 4 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O
416203	3F4Ah			W Note5		X	X	O	
416204	3F4Bh			W Note5		X	X	O	
416205	3F4Ch			W Note5		X	X	O	
416206	3F4Dh			W Note5		X	X	O	
416207	3F4Eh			W Note5		X	X	O	
416208	3F4Fh			W Note5		X	X	O	
416209	3F50h			W Note5		X	X	O	
416210	3F51h	4	R	Previous 4 Cumulative Max. DM All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O
416211	3F52h			W Note5		X	X	O	
416212	3F53h			W Note5		X	X	O	
416213	3F54h			W Note5		X	X	O	
416214	3F55h			W Note5		X	X	O	
416215	3F56h			W Note5		X	X	O	
416216	3F57h			W Note5		X	X	O	
416217	3F58h			W Note5		X	X	O	
416218	3F59h	4	R	Previous 4 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O
416219	3F5Ah			Var Note5		X	X	O	
416220	3F5Bh			Var Note5		X	X	O	
416221	3F5Ch			Var Note5		X	X	O	
416222	3F5Dh			Var Note5		X	X	O	
416223	3F5Eh			Var Note5		X	X	O	
416224	3F5Fh			Var Note5		X	X	O	
416225	3F60h			Var Note5		X	X	O	
416226	3F61h	4	R	Previous 4 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O
416227	3F62h			Var Note5		X	X	O	
416228	3F63h			Var Note5		X	X	O	
416229	3F64h			Var Note5		X	X	O	
416230	3F65h			Var Note5		X	X	O	
416231	3F66h			Var Note5		X	X	O	
416232	3F67h			Var Note5		X	X	O	
416233	3F68h			Var Note5		X	X	O	
416234	3F69h	6	R	Previous 5 billing date, time (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416235	3F6Ah			-		X	X	O	
416236	3F6Bh			-		X	X	O	
416237	3F6Ch			-		X	X	O	
416238	3F6Dh			-		X	X	O	
416239	3F6Eh			-		X	X	O	
416240	3F6Fh			-		X	X	O	

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4- N141C600
416241	3F70h	4	R	Previous 5 All Phase Import active energy (Q1+Q4), Rate 3	0 to 999,999,999	Wh Note5	X	X	O
416242	3F71h			416243		3F72h	Previous 5 All Phase Import active energy (Q1+Q4), Rate 4	Wh Note5	X
416244	3F73h	4	R	Previous 5 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X	O
416245	3F74h			416246		3F75h	Previous 5 All Phase Export active energy (Q2+Q3), Rate 1	Wh Note5	X
416247	3F76h	4	R	Previous 5 All Phase Export active energy (Q2+Q3), Rate 2	0 to 999,999,999	Wh Note5	X	X	O
416248	3F77h			416249		3F78h	Previous 5 All Phase Export active energy (Q2+Q3), Rate 3	Wh Note5	X
416250	3F79h	4	R	Previous 5 All Phase Export active energy (Q2+Q3), Rate 4	0 to 999,999,999	Wh Note5	X	X	O
416251	3F7Ah			416252		3F7Bh	Previous 5 All Phase Import reactive energy (Q1+Q2), Total rate	Wh Note5	X
416253	3F7Ch	4	R	Previous 5 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O
416254	3F7Dh			416255		3F7Eh	Previous 5 All Phase Import reactive energy (Q1+Q2), Rate 2	Varh Note5	X
416256	3F7Fh	4	R	Previous 5 All Phase Import reactive energy (Q1+Q2), Rate 3	0 to 999,999,999	Varh Note5	X	X	O
416257	3F80h			416258		3F81h	Previous 5 All Phase Import reactive energy (Q1+Q2), Rate 4	Varh Note5	X
416259	3F82h	4	R	Previous 5 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O
416260	3F83h			416261		3F84h	Previous 5 All Phase Export reactive energy (Q3+Q4), Rate 1	Varh Note5	X
416262	3F85h	4	R	Previous 5 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O
416263	3F86h			416264		3F87h	Previous 5 All Phase Export reactive energy (Q3+Q4), Rate 3	Varh Note5	X
416265	3F88h	4	R	Previous 5 All Phase Export reactive energy (Q3+Q4), Rate 4	0 to 999,999,999	Varh Note5	X	X	O
416266	3F89h			416267		3F8Ah	Previous 5 Max. Demand All Phase Import active power (Q1+Q4), Total rate	Varh Note5	X
416268	3F8Bh	4	R	Previous 5 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O
416269	3F8Ch			416270		3F8Dh	Previous 5 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	Varh Note5	X
416271	3F8Eh	4	R	Previous 5 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O
416272	3F8Fh			416273		3F90h	Previous 5 Max. Demand All Phase Import active power (Q1+Q4), Rate 4	Varh Note5	X
416274	3F91h	4	R	Previous 5 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	Varh Note5	X	X	O
416275	3F92h			416276		3F93h	Previous 5 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	Varh Note5	X
416277	3F94h	4	R	Previous 5 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	Varh Note5	X	X	O
416278	3F95h			416279		3F96h	Previous 5 Max. Demand All Phase Export active power (Q2+Q3), Rate 3	Varh Note5	X
416280	3F97h	4	R	Previous 5 Max. Demand All Phase Export active power (Q2+Q3), Rate 4	0 to 999,999,999	Varh Note5	X	X	O
416281	3F98h			416282		3F99h	Previous 5 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	Varh Note5	X
416283	3F9Ah	4	R	Previous 5 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O
416284	3F9Bh			416285		3F9Ch	Previous 5 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	Varh Note5	X
416286	3F9Dh	4	R	Previous 5 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Varh Note5	X	X	O
416287	3F9Eh			416288		3F9Fh	Previous 5 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	Varh Note5	X
416289	3FA0h	4	R	Previous 5 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O
416290	3FA1h			416291		3FA2h	Previous 5 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 1	Varh Note5	X
416292	3FA3h	4	R	Previous 5 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O
416293	3FA4h			416294		3FA5h	Previous 5 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 3	Varh Note5	X
416295	3FA6h	4	R	Previous 5 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 4	0 to 999,999,999	Varh Note5	X	X	O
416296	3FA7h			416297		3FA8h	Previous 5 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416298	3FA9h	4	R	Previous 5 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416299	3FAAh			416300		3FABh	Previous 5 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416301	3FACh	4	R	Previous 5 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416302	3FADh			416303		3FAEh	Previous 5 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416304	3FAFh	4	R	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416305	3FB0h			416306		3FB1h	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416307	3FB2h	4	R	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416308	3FB3h			416309		3FB4h	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416310	3FB5h	4	R	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416311	3FB6h			416312		3FB7h	Previous 5 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416313	3FB8h	4	R	Previous 5 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416314	3FB9h			416315		3FBAh	Previous 5 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416316	3FBBh	6	R	Previous 5 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416317	3FBC			416318		3FBDh	Previous 5 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416319	3FBEh	6	R	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416320	3FBFh			416321		3FC0h	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416322	3FC1h	6	R	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416323	3FC2h			416324		3FC3h	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416325	3FC4h	6	R	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416326	3FC5h			416327		3FC6h	Previous 5 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416328	3FC7h	6	R	Previous 5 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416329	3FC8h			416330		3FC9h	Previous 5 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416331	3FCAh	6	R	Previous 5 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416332	3FCBh			416333		3FCC	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416334	3FCDh	6	R	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416335	3FCEh			416336		3FCFh	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416337	3FD0h	6	R	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416338	3FD1h			416339		3FD2h	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416340	3FD3h	6	R	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416341	3FD4h			416342		3FD5h	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416343	3FD6h	6	R	Previous 5 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416344	3FD7h			416345		3FD8h	Previous 5 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416346	3FD9h	6	R	Previous 5 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416347	3FDAh			416348		3FDBh	Previous 5 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416349	3FDDh	6	R	Previous 5 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416350	3FDEh			416351		3FDFh	Previous 5 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416352	3FE0h	6	R	Previous 5 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416353	3FE1h			416354		3FE2h	Previous 5 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416355	3FE3h	6	R	Previous 5 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416356	3FE4h			416357		3FE5h	Previous 5 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-
416358	3FE6h	6	R	Previous 5 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416359	3FE7h			416360		3FE8h	Previous 5 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2			
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600	
416360	3FE7h	6	R	Previous 5 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	0	
416361	3FE8h			416362	3FE9h					
416363	3FEAh			6	R	Previous 5 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X
416364	3FEBh	416365	3FECb							
416366	3FEDh	6	R			Previous 5 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X
416367	3FEEh			416368	3FEFh					
416369	3FF0h			6	R	Previous 5 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X
416370	3FF1h	416371	3FF2h							
416372	3FF3h	6	R			Previous 5 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X
416373	3FF4h			416374	3FF5h					
416375	3FF6h			4	R	Previous 5 Cumulative Max. DM All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X
416376	3FF7h	416377	3FF8h			W Note5		X	X	0
416378	3FF9h	4	R			Previous 5 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 1		W Note5	X	X
416379	3FFAh			416380	3FFBh	W Note5	X	X	0	
416381	3FFCh			4	R	Previous 5 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 2	W Note5	X	X	0
416382	3FFDh	416383	3FFEh			W Note5	X	X	0	
416383	3FFEh	4	R			Previous 5 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 3	W Note5	X	X	0
416384	3FFFh			416385	4000h	W Note5	X	X	0	
416386	4001h			4	R	Previous 5 Cumulative Max. DM All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X
416387	4002h	416388	4003h			W Note5		X	X	0
416389	4004h	4	R			Previous 5 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 1		W Note5	X	X
416390	4005h			416391	4006h	W Note5	X	X	0	
416392	4007h			4	R	Previous 5 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 2	W Note5	X	X	0
416393	4008h	416394	4009h			W Note5	X	X	0	
416395	400Ah	4	R			Previous 5 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 3	0 to 999,999,999	Var Note5	X	X
416396	400Bh			416397	400Ch	Var Note5		X	X	0
416398	400Dh			4	R	Previous 5 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Total rate		Var Note5	X	X
416399	400Eh	416400	400Fh			Var Note5	X	X	0	
416401	4010h	4	R			Previous 5 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 1	Var Note5	X	X	0
416402	4011h			416403	4012h	Var Note5	X	X	0	
416404	4013h			4	R	Previous 5 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 2	Var Note5	X	X	0
416405	4014h	416406	4015h			Var Note5	X	X	0	
416407	4016h	4	R			Previous 5 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X
416408	4017h			416409	4018h	Var Note5		X	X	0
416410	4019h			4	R	Previous 5 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 1		Var Note5	X	X
416411	401Ah	416412	401Bh			Var Note5	X	X	0	
416413	401Ch	4	R			Previous 5 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 2	Var Note5	X	X	0
416414	401Dh			416415	401Eh	Var Note5	X	X	0	
416416	401Fh			6	R	Previous 6 billing date, time (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X
416417	4020h	416418	4021h			0 to 999,999,999	Wh Note5	X	X	0
416419	4022h	4	R							
416420	4023h			416421	4024h					
416422	4025h			4	R	Previous 6 All Phase Import active energy (Q1+Q4), Rate 1	Wh Note5	X	X	0
416423	4026h	416424	4027h			Wh Note5	X	X	0	
416425	4028h	4	R			Previous 6 All Phase Import active energy (Q1+Q4), Rate 2	Wh Note5	X	X	0
416426	4029h			416427	402Ah	Wh Note5	X	X	0	
416428	402Bh			4	R	Previous 6 All Phase Import active energy (Q1+Q4), Rate 3	Wh Note5	X	X	0
416429	402Ch	416430	402Dh			Wh Note5	X	X	0	
416431	402Eh	4	R			Previous 6 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X
416432	402Fh			416433	4030h					
416434	4031h			4	R	Previous 6 All Phase Export active energy (Q2+Q3), Rate 1				
416435	4032h	416436	4033h			Wh Note5	X	X	0	
416437	4034h	4	R			Previous 6 All Phase Export active energy (Q2+Q3), Rate 2	Wh Note5	X	X	0
416438	4035h			416439	4036h	Wh Note5	X	X	0	
416440	4037h			4	R	Previous 6 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X
416441	4038h	416442	4039h							
416443	403Ah	4	R			Previous 6 All Phase Import reactive energy (Q1+Q2), Rate 1				
416444	403Bh			416445	403Ch	Varh Note5	X	X	0	
416446	403Dh			4	R	Previous 6 All Phase Import reactive energy (Q1+Q2), Rate 2	Varh Note5	X	X	0
416447	403Eh	416448	403Fh			Varh Note5	X	X	0	
416449	4040h	4	R			Previous 6 All Phase Import reactive energy (Q1+Q2), Rate 3	0 to 999,999,999	Varh Note5	X	X
416450	4041h			416451	4042h					
416452	4043h			4	R	Previous 6 All Phase Export reactive energy (Q3+Q4), Total rate				
416453	4044h	416454	4045h			Varh Note5	X	X	0	
416455	4046h	4	R			Previous 6 All Phase Export reactive energy (Q3+Q4), Rate 1	Varh Note5	X	X	0
416456	4047h			416457	4048h	Varh Note5	X	X	0	
416458	4049h			4	R	Previous 6 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	W Note5	X	X
416459	404Ah	416460	404Bh							
416461	404Ch	4	R			Previous 6 Max. Demand All Phase Import active power (Q1+Q4), Total rate				
416462	404Dh			416463	404Eh	W Note5	X	X	0	
416464	404Fh			4	R	Previous 6 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	W Note5	X	X	0
416465	4050h	416466	4051h			W Note5	X	X	0	
416467	4052h	4	R			Previous 6 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	W Note5	X	X	0
416468	4053h			416469	4054h	W Note5	X	X	0	
416470	4055h			4	R	Previous 6 Max. Demand All Phase Export active power (Q2+Q3), Total rate	W Note5	X	X	0
416471	4056h	416472	4057h			W Note5	X	X	0	
416473	4058h	4	R			Previous 6 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	W Note5	X	X	0
416474	4059h			416475	405Ah	W Note5	X	X	0	
416476	405Bh			4	R	Previous 6 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	W Note5	X	X	0
416477	405Ch	416478	405Dh			W Note5	X	X	0	

Register Address	Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2			
						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600	
Dec	Hex								
416478	405Dh	4	R	Previous 6 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate		Var Note5	X	X	O
416479	405Eh								
416480	405Fh	4	R	Previous 6 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1		Var Note5	X	X	O
416481	4060h								
416482	4061h	4	R	Previous 6 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O
416483	4062h								
416484	4063h	4	R	Previous 6 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3		Var Note5	X	X	O
416485	4064h								
416486	4065h	4	R	Previous 6 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4		Var Note5	X	X	O
416487	4066h								
416488	4067h	4	R	Previous 6 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate		Var Note5	X	X	O
416489	4068h								
416490	4069h	4	R	Previous 6 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 1		Var Note5	X	X	O
416491	406Ah								
416492	406Bh	4	R	Previous 6 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 2	0 to 999,999,999	Var Note5	X	X	O
416493	406Ch								
416494	406Dh	4	R	Previous 6 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 3		Var Note5	X	X	O
416495	406Eh								
416496	406Fh	4	R	Previous 6 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 4		Var Note5	X	X	O
416497	4070h								
416498	4071h								
416499	4072h	6	R	Previous 6 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416500	4073h								
416501	4074h								
416502	4075h	6	R	Previous 6 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416503	4076h								
416504	4077h								
416505	4078h	6	R	Previous 6 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416506	4079h								
416507	407Ah								
416508	407Bh	6	R	Previous 6 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416509	407Ch								
416510	407Dh								
416511	407Eh	6	R	Previous 6 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416512	407Fh								
416513	4080h								
416514	4081h	6	R	Previous 6 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416515	4082h								
416516	4083h								
416517	4084h	6	R	Previous 6 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416518	4085h								
416519	4086h								
416520	4087h	6	R	Previous 6 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416521	4088h								
416522	4089h								
416523	408Ah	6	R	Previous 6 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416524	408Bh								
416525	408Ch								
416526	408Dh	6	R	Previous 6 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416527	408Eh								
416528	408Fh								
416529	4090h	6	R	Previous 6 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416530	4091h								
416531	4092h								
416532	4093h	6	R	Previous 6 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416533	4094h								
416534	4095h								
416535	4096h	6	R	Previous 6 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416536	4097h								
416537	4098h								
416538	4099h	6	R	Previous 6 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416539	409Ah								
416540	409Bh								
416541	409Ch	6	R	Previous 6 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416542	409Dh								
416543	409Eh								
416544	409Fh	6	R	Previous 6 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416545	40A0h								
416546	40A1h								
416547	40A2h	6	R	Previous 6 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416548	40A3h								
416549	40A4h								
416550	40A5h	6	R	Previous 6 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416551	40A6h								
416552	40A7h								
416553	40A8h	6	R	Previous 6 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416554	40A9h								
416555	40AAh								
416556	40ABh	6	R	Previous 6 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416557	40ACH								
416558	40ADh								
416559	40AEh	4	R	Previous 6 Cumulative Max. DM All Phase Import active power (Q1+Q4), Total rate		W Note5	X	X	O
416560	40AFh								
416561	40B0h	4	R	Previous 6 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 1		W Note5	X	X	O
416562	40B1h								
416563	40B2h	4	R	Previous 6 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O
416564	40B3h								
416565	40B4h	4	R	Previous 6 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 3		W Note5	X	X	O
416566	40B5h								
416567	40B6h	4	R	Previous 6 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 4		W Note5	X	X	O
416568	40B7h								
416569	40B8h	4	R	Previous 6 Cumulative Max. DM All Phase Export active power (Q2+Q3), Total rate		W Note5	X	X	O
416570	40B9h								
416571	40BAh	4	R	Previous 6 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 1		W Note5	X	X	O
416572	40BBh								
416573	40BCh	4	R	Previous 6 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O
416574	40BDh								
416575	40BEh	4	R	Previous 6 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 3		W Note5	X	X	O
416576	40BFh								
416577	40C0h	4	R	Previous 6 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 4		W Note5	X	X	O
416578	40C1h								
416579	40C2h	4	R	Previous 6 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Total rate		Var Note5	X	X	O
416580	40C3h								
416581	40C4h	4	R	Previous 6 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O
416582	40C5h								
416583	40C6h	4	R	Previous 6 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 2		Var Note5	X	X	O
416584	40C7h								
416585	40C8h	4	R	Previous 6 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 3		Var Note5	X	X	O
416586	40C9h								
416587	40CAh	4	R	Previous 6 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 4		Var Note5	X	X	O
416588	40CBh								
416589	40CCh	4	R	Previous 6 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Total rate		Var Note5	X	X	O
416590	40CDh								
416591	40CEh	4	R	Previous 6 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 1	0 to 999,999,999	Var Note5	X	X	O
416592	40CFh								
416593	40D0h	4	R	Previous 6 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 2		Var Note5	X	X	O
416594	40D1h								
416595	40D2h	4	R	Previous 6 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 3		Var Note5	X	X	O

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																			
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
416596	40D3h	4	R	Previous 6 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 4	0 to 999,999,999	Var Note5	X	X	O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																	
416597	40D4h			416598	40D5h	416599	40D6h	6	R	Previous 7 billing date, time (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416600	40D7h	416601	40D8h	416602	40D9h	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Total rate	0 to 999,999,999	Wh Note5	X	X	O	416603	40DAh	416604	40DBh	416605	40DCh	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 1	0 to 999,999,999	Wh Note5	X	X	O	416606	40DDh	416607	40DEh	416608	40DFh	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 2	0 to 999,999,999	Wh Note5	X	X	O	416609	40E0h	416610	40E1h	416611	40E2h	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 3	0 to 999,999,999	Wh Note5	X	X	O	416612	40E3h	416613	40E4h	416614	40E5h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X	O	416615	40E6h	416616	40E7h	416617	40E8h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 1	0 to 999,999,999	Wh Note5	X	X	O	416618	40E9h	416619	40EAh	416620	40EBh	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 2	0 to 999,999,999	Wh Note5	X	X	O	416621	40ECh	416622	40EDh	416623	40EEh	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416624	40EFh	416625	40F0h	416626	40F1h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416627	40F2h	416628	40F3h	416629	40F4h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416630	40F5h	416631	40F6h	416632	40F7h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416633	40F8h	416634	40F9h	416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416636	40FBh	416637	40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O							
416599	40D6h	6	R	Previous 7 billing date, time (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X			X	O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416600	40D7h			416601	40D8h	416602	40D9h	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Total rate	0 to 999,999,999	Wh Note5	X	X	O	416603	40DAh	416604	40DBh	416605	40DCh	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 1	0 to 999,999,999	Wh Note5	X	X	O	416606	40DDh	416607	40DEh	416608	40DFh	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 2	0 to 999,999,999	Wh Note5	X	X	O	416609	40E0h	416610	40E1h	416611	40E2h	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 3	0 to 999,999,999	Wh Note5	X	X	O	416612	40E3h	416613	40E4h	416614	40E5h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X	O	416615	40E6h	416616	40E7h	416617	40E8h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 1	0 to 999,999,999	Wh Note5	X	X	O	416618	40E9h	416619	40EAh	416620	40EBh	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 2	0 to 999,999,999	Wh Note5	X	X	O	416621	40ECh	416622	40EDh	416623	40EEh	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416624	40EFh	416625	40F0h	416626	40F1h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416627	40F2h	416628	40F3h	416629	40F4h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416630	40F5h	416631	40F6h	416632	40F7h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416633	40F8h	416634	40F9h	416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416636	40FBh	416637	40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																					
416602	40D9h	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Total rate	0 to 999,999,999	Wh Note5	X			X		O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
416603	40DAh			416604		40DBh	416605	40DCh	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 1	0 to 999,999,999	Wh Note5	X	X	O	416606	40DDh	416607	40DEh	416608	40DFh	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 2	0 to 999,999,999	Wh Note5	X	X	O	416609	40E0h	416610	40E1h	416611	40E2h	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 3	0 to 999,999,999	Wh Note5	X	X	O	416612	40E3h	416613	40E4h	416614	40E5h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X	O	416615	40E6h	416616	40E7h	416617	40E8h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 1	0 to 999,999,999	Wh Note5	X	X	O	416618	40E9h	416619	40EAh	416620	40EBh	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 2	0 to 999,999,999	Wh Note5	X	X	O	416621	40ECh	416622	40EDh	416623	40EEh	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416624	40EFh	416625	40F0h	416626	40F1h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416627	40F2h	416628	40F3h	416629	40F4h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416630	40F5h	416631	40F6h	416632	40F7h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416633	40F8h	416634	40F9h	416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416636	40FBh	416637	40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																		
416605	40DCh	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 1	0 to 999,999,999	Wh Note5	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416606	40DDh			416607		40DEh	416608	40DFh	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 2	0 to 999,999,999	Wh Note5	X	X	O	416609	40E0h	416610	40E1h	416611	40E2h	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 3	0 to 999,999,999	Wh Note5	X	X	O	416612	40E3h	416613	40E4h	416614	40E5h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X	O	416615	40E6h	416616	40E7h	416617	40E8h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 1	0 to 999,999,999	Wh Note5	X	X	O	416618	40E9h	416619	40EAh	416620	40EBh	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 2	0 to 999,999,999	Wh Note5	X	X	O	416621	40ECh	416622	40EDh	416623	40EEh	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416624	40EFh	416625	40F0h	416626	40F1h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416627	40F2h	416628	40F3h	416629	40F4h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416630	40F5h	416631	40F6h	416632	40F7h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416633	40F8h	416634	40F9h	416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416636	40FBh	416637	40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																
416608	40DFh	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 2	0 to 999,999,999	Wh Note5	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416609	40E0h			416610		40E1h	416611	40E2h	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 3	0 to 999,999,999	Wh Note5	X	X	O	416612	40E3h	416613	40E4h	416614	40E5h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X	O	416615	40E6h	416616	40E7h	416617	40E8h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 1	0 to 999,999,999	Wh Note5	X	X	O	416618	40E9h	416619	40EAh	416620	40EBh	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 2	0 to 999,999,999	Wh Note5	X	X	O	416621	40ECh	416622	40EDh	416623	40EEh	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416624	40EFh	416625	40F0h	416626	40F1h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416627	40F2h	416628	40F3h	416629	40F4h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416630	40F5h	416631	40F6h	416632	40F7h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416633	40F8h	416634	40F9h	416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416636	40FBh	416637	40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																														
416611	40E2h	4	R	Previous 7 All Phase Import active energy (Q1+Q4), Rate 3	0 to 999,999,999	Wh Note5	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416612	40E3h			416613		40E4h	416614	40E5h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X	O	416615	40E6h	416616	40E7h	416617	40E8h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 1	0 to 999,999,999	Wh Note5	X	X	O	416618	40E9h	416619	40EAh	416620	40EBh	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 2	0 to 999,999,999	Wh Note5	X	X	O	416621	40ECh	416622	40EDh	416623	40EEh	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416624	40EFh	416625	40F0h	416626	40F1h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416627	40F2h	416628	40F3h	416629	40F4h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416630	40F5h	416631	40F6h	416632	40F7h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416633	40F8h	416634	40F9h	416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416636	40FBh	416637	40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																												
416614	40E5h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416615	40E6h			416616		40E7h	416617	40E8h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 1	0 to 999,999,999	Wh Note5	X	X	O	416618	40E9h	416619	40EAh	416620	40EBh	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 2	0 to 999,999,999	Wh Note5	X	X	O	416621	40ECh	416622	40EDh	416623	40EEh	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416624	40EFh	416625	40F0h	416626	40F1h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416627	40F2h	416628	40F3h	416629	40F4h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416630	40F5h	416631	40F6h	416632	40F7h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416633	40F8h	416634	40F9h	416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416636	40FBh	416637	40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																										
416617	40E8h	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 1	0 to 999,999,999	Wh Note5	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416618	40E9h			416619		40EAh	416620	40EBh	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 2	0 to 999,999,999	Wh Note5	X	X	O	416621	40ECh	416622	40EDh	416623	40EEh	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416624	40EFh	416625	40F0h	416626	40F1h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416627	40F2h	416628	40F3h	416629	40F4h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416630	40F5h	416631	40F6h	416632	40F7h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416633	40F8h	416634	40F9h	416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416636	40FBh	416637	40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																								
416620	40EBh	4	R	Previous 7 All Phase Export active energy (Q2+Q3), Rate 2	0 to 999,999,999	Wh Note5	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416621	40ECh			416622		40EDh	416623	40EEh	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416624	40EFh	416625	40F0h	416626	40F1h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416627	40F2h	416628	40F3h	416629	40F4h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416630	40F5h	416631	40F6h	416632	40F7h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416633	40F8h	416634	40F9h	416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416636	40FBh	416637	40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																						
416623	40EEh	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416624	40EFh			416625		40F0h	416626	40F1h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416627	40F2h	416628	40F3h	416629	40F4h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416630	40F5h	416631	40F6h	416632	40F7h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416633	40F8h	416634	40F9h	416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416636	40FBh	416637	40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																																				
416626	40F1h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416627	40F2h			416628		40F3h	416629	40F4h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416630	40F5h	416631	40F6h	416632	40F7h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416633	40F8h	416634	40F9h	416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416636	40FBh	416637	40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																																																		
416629	40F4h	4	R	Previous 7 All Phase Import reactive energy (Q1+Q2), Rate 2	0 to 999,999,999	Varh Note5	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416630	40F5h			416631		40F6h	416632	40F7h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O	416633	40F8h	416634	40F9h	416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416636	40FBh	416637	40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																																																																
416632	40F7h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416633	40F8h			416634		40F9h	416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X	O	416636	40FBh	416637	40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																																																																														
416635	40FAh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 1	0 to 999,999,999	Varh Note5	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416636	40FBh			416637		40FCh	416638	40FDh	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 2	0 to 999,999,999	Varh Note5	X	X	O	416639	40FEh	416640	40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																																																																																												
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416639	40FEh			416640		40FFh	416641	4100h	4	R	Previous 7 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	416642	4101h	416643	4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																																																																																																										
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416642	4101h			416643		4102h	416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	416645	4104h	416646	4105h	416647	4106h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O	416648	4107h	416649	4108h	416650	4109h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	416651	410Ah	416652	410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																																																																																																																								
416644	4103h	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
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416651	410Ah			416652		410Bh	416653	410Ch	4	R	Previous 7 Max. Demand All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O	416654	410Dh	416655	410Eh	416656	410Fh	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	416657	4110h	416658	4111h	416659	4112h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	416660	4113h	416661	4114h	416662	4115h	4	R	Previous 7 Max. Demand All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O	416663	4116h	416664	4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																																																																																																																																																																		
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416663	4116h			416664		4117h	416665	4118h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	416666	4119h	416667	411Ah	416668	411Bh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O	416669	411Ch	416670	411Dh	416671	411Eh	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	416672	411Fh	416673	4120h	416674	4121h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O	416675	4122h	416676	4123h	416677	4124h	4	R	Previous 7 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	416678	4125h	416679	4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																																																																																																																																																																																																																										
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416678	4125h			416679		4126h	416680	4127h	4	R	Previous 7 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O	416681	4128h	416682	4129h	416683	412Ah	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416684	412Bh	416685	412Ch	416686	412Dh	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416687	412Eh	416688	412Fh	416689	4130h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416690	4131h	416691	4132h	416692	4133h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416693	4134h	416694	4135h	416695	4136h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416696	4137h	416697	4138h	416698	4139h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416699	413Ah	416700	413Bh	416701	413Ch	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416702	413Dh	416703	413Eh	416704	413Fh	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416705	4140h	416706	4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																																																																																																																																																																																																																																																																																																
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416705	4140h			416706		4141h	416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416708	4143h	416709	4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																														
416707	4142h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416708	4143h			416709		4144h	416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	416711	4146h	416712	4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																												
416710	4145h	6	R	Previous 7 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															
416711	4146h			416712		4147h	416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																										
416713	4148h	6	R	Previous 7 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X			O																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																																															

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
416714	4149h	6	R	Previous 7 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416715	414Ah								
416716	414Bh								
416717	414Ch	6	R	Previous 7 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416718	414Dh								
416719	414Eh								
416720	414Fh	6	R	Previous 7 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416721	4150h								
416722	4151h								
416723	4152h	6	R	Previous 7 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416724	4153h								
416725	4154h								
416726	4155h	6	R	Previous 7 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416727	4156h								
416728	4157h								
416729	4158h	6	R	Previous 7 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416730	4159h								
416731	415Ah								
416732	415Bh	6	R	Previous 7 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416733	415Ch								
416734	415Dh								
416735	415Eh	6	R	Previous 7 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416736	415Fh								
416737	4160h								
416738	4161h	6	R	Previous 7 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416739	4162h								
416740	4163h								
416741	4164h	4	R	Previous 7 Cumulative Max. DM All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O
416742	4165h								
416743	4166h	4	R	Previous 7 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 1		W Note5	X	X	O
416744	4167h								
416745	4168h	4	R	Previous 7 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 2		W Note5	X	X	O
416746	4169h								
416747	416Ah	4	R	Previous 7 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 3		W Note5	X	X	O
416748	416Bh								
416749	416Ch	4	R	Previous 7 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 4		W Note5	X	X	O
416750	416Dh								
416751	416Eh	4	R	Previous 7 Cumulative Max. DM All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O
416752	416Fh								
416753	4170h	4	R	Previous 7 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 1		W Note5	X	X	O
416754	4171h								
416755	4172h	4	R	Previous 7 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 2		W Note5	X	X	O
416756	4173h								
416757	4174h	4	R	Previous 7 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 3		W Note5	X	X	O
416758	4175h								
416759	4176h	4	R	Previous 7 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 4		W Note5	X	X	O
416760	4177h								
416761	4178h	4	R	Previous 7 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O
416762	4179h								
416763	417Ah	4	R	Previous 7 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 1		Var Note5	X	X	O
416764	417Bh								
416765	417Ch	4	R	Previous 7 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 2		Var Note5	X	X	O
416766	417Dh								
416767	417Eh	4	R	Previous 7 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 3		Var Note5	X	X	O
416768	417Fh								
416769	4180h	4	R	Previous 7 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 4		Var Note5	X	X	O
416770	4181h								
416771	4182h	4	R	Previous 7 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O
416772	4183h								
416773	4184h	4	R	Previous 7 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 1		Var Note5	X	X	O
416774	4185h								
416775	4186h	4	R	Previous 7 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 2		Var Note5	X	X	O
416776	4187h								
416777	4188h	4	R	Previous 7 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 3		Var Note5	X	X	O
416778	4189h								
416779	418Ah	4	R	Previous 7 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 4		Var Note5	X	X	O
416780	418Bh								
416781	418Ch	6	R	Previous 8 billing date, time (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416782	418Dh								
416783	418Eh								
416784	418Fh	4	R	Previous 8 All Phase Import active energy (Q1+Q4), Total rate	0 to 999,999,999	Wh Note5	X	X	O
416785	4190h								
416786	4191h	4	R	Previous 8 All Phase Import active energy (Q1+Q4), Rate 1		Wh Note5	X	X	O
416787	4192h								
416788	4193h	4	R	Previous 8 All Phase Import active energy (Q1+Q4), Rate 2		Wh Note5	X	X	O
416789	4194h								
416790	4195h	4	R	Previous 8 All Phase Import active energy (Q1+Q4), Rate 3		Wh Note5	X	X	O
416791	4196h								
416792	4197h	4	R	Previous 8 All Phase Import active energy (Q1+Q4), Rate 4		Wh Note5	X	X	O
416793	4198h								
416794	4199h	4	R	Previous 8 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X	O
416795	419Ah								
416796	419Bh	4	R	Previous 8 All Phase Export active energy (Q2+Q3), Rate 1		Wh Note5	X	X	O
416797	419Ch								
416798	419Dh	4	R	Previous 8 All Phase Export active energy (Q2+Q3), Rate 2		Wh Note5	X	X	O
416799	419Eh								
416800	419Fh	4	R	Previous 8 All Phase Export active energy (Q2+Q3), Rate 3		Wh Note5	X	X	O
416801	41A0h								
416802	41A1h	4	R	Previous 8 All Phase Export active energy (Q2+Q3), Rate 4		Wh Note5	X	X	O
416803	41A2h								
416804	41A3h	4	R	Previous 8 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X	O
416805	41A4h								
416806	41A5h	4	R	Previous 8 All Phase Import reactive energy (Q1+Q2), Rate 1		Varh Note5	X	X	O
416807	41A6h								
416808	41A7h	4	R	Previous 8 All Phase Import reactive energy (Q1+Q2), Rate 2		Varh Note5	X	X	O
416809	41A8h								
416810	41A9h	4	R	Previous 8 All Phase Import reactive energy (Q1+Q2), Rate 3		Varh Note5	X	X	O
416811	41AAh								
416812	41ABh	4	R	Previous 8 All Phase Import reactive energy (Q1+Q2), Rate 4		Varh Note5	X	X	O
416813	41ACh								
416814	41ADh	4	R	Previous 8 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O
416815	41AEh								
416816	41AFh	4	R	Previous 8 All Phase Export reactive energy (Q3+Q4), Rate 1		Varh Note5	X	X	O
416817	41B0h								
416818	41B1h	4	R	Previous 8 All Phase Export reactive energy (Q3+Q4), Rate 2		Varh Note5	X	X	O
416819	41B2h								
416820	41B3h	4	R	Previous 8 All Phase Export reactive energy (Q3+Q4), Rate 3		Varh Note5	X	X	O
416821	41B4h								
416822	41B5h	4	R	Previous 8 All Phase Export reactive energy (Q3+Q4), Rate 4		Varh Note5	X	X	O
416823	41B6h								
416824	41B7h	4	R	Previous 8 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O
416825	41B8h								
416826	41B9h	4	R	Previous 8 Max. Demand All Phase Import active power (Q1+Q4), Rate 1		W Note5	X	X	O
416827	41BAh								
416828	41BBh	4	R	Previous 8 Max. Demand All Phase Import active power (Q1+Q4), Rate 2		W Note5	X	X	O
416829	41BCh								
416830	41BDh	4	R	Previous 8 Max. Demand All Phase Import active power (Q1+Q4), Rate 3		W Note5	X	X	O
416831	41BEh								

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2					
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600			
416832	41BFh	4	R	Previous 8 Max. Demand All Phase Import active power (Q1+Q4), Rate 4	0 to 999,999,999	W Note5	X	X	O			
416833	41C0h											
416834	41C1h								X	X	O	
416835	41C2h								X	X	O	
416836	41C3h	4	R	Previous 8 Max. Demand All Phase Export active power (Q2+Q3), Total rate								
416837	41C4h								X	X	O	
416838	41C5h								X	X	O	
416839	41C6h								X	X	O	
416840	41C7h	4	R	Previous 8 Max. Demand All Phase Export active power (Q2+Q3), Rate 2								
416841	41C8h						X	X	O			
416842	41C9h						X	X	O			
416843	41CAh						X	X	O			
416844	41CBh	4	R	Previous 8 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O			
416845	41CCh											
416846	41CDh								X	X	O	
416847	41CEh								X	X	O	
416848	41CFh	4	R	Previous 8 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1								
416849	41D0h								X	X	O	
416850	41D1h								X	X	O	
416851	41D2h								X	X	O	
416852	41D3h	4	R	Previous 8 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2								
416853	41D4h						X	X	O			
416854	41D5h						X	X	O			
416855	41D6h						X	X	O			
416856	41D7h	4	R	Previous 8 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O			
416857	41D8h											
416858	41D9h								X	X	O	
416859	41DAh								X	X	O	
416860	41DBh	4	R	Previous 8 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 1								
416861	41DCh								X	X	O	
416862	41DDh								X	X	O	
416863	41DEh								X	X	O	
416864	41DFh	6	R	Previous 8 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 3	YYMMDDhhmmss Note8	-	X	X	O			
416865	41E0h											
416866	41E1h											
416867	41E2h											
416868	41E3h	6	R	Previous 8 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)					X	X	O	
416869	41E4h											
416870	41E5h											
416871	41E6h											
416872	41E7h	6	R	Previous 8 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)			X	X	O			
416873	41E8h											
416874	41E9h											
416875	41EAh											
416876	41EBh	6	R	Previous 8 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)			X	X	O			
416877	41ECCh											
416878	41EDh											
416879	41EEh											
416880	41EFh	6	R	Previous 8 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)			X	X	O			
416881	41F0h											
416882	41F1h											
416883	41F2h											
416884	41F3h	6	R	Previous 8 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)			X	X	O			
416885	41F4h											
416886	41F5h											
416887	41F6h											
416888	41F7h	6	R	Previous 8 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)			X	X	O			
416889	41F8h											
416890	41F9h											
416891	41FAh											
416892	41FBh	6	R	Previous 8 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)			X	X	O			
416893	41FCh											
416894	41FDh											
416895	41FEh											
416896	41FFh	6	R	Previous 8 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Total rate (default = 01/Jan/2000, 00:00:00)			X	X	O			
416897	4200h											
416898	4201h											
416899	4202h											
416900	4203h	6	R	Previous 8 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 1 (default = 01/Jan/2000, 00:00:00)			X	X	O			
416901	4204h											
416902	4205h											
416903	4206h											
416904	4207h	6	R	Previous 8 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 2 (default = 01/Jan/2000, 00:00:00)			X	X	O			
416905	4208h											
416906	4209h											
416907	420Ah											
416908	420Bh	6	R	Previous 8 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 3 (default = 01/Jan/2000, 00:00:00)			X	X	O			
416909	420Ch											
416910	420Dh											
416911	420Eh											
416912	420Fh	6	R	Previous 8 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Total rate (default = 01/Jan/2000, 00:00:00)			X	X	O			
416913	4210h											
416914	4211h											
416915	4212h											
416916	4213h	6	R	Previous 8 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)			X	X	O			
416917	4214h											
416918	4215h											
416919	4216h											
416920	4217h	6	R	Previous 8 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)			X	X	O			
416921	4218h											
416922	4219h											
416923	421Ah											
416924	421Bh	4	R	Previous 8 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	0 to 999,999,999	W Note5	X	X	O			
416925	421Ch											
416926	421Dh											
416927	421Eh											
416928	421Fh	4	R	Previous 8 Cumulative Max. DM All Phase Import active power (Q1+Q4), Total rate					X	X	O	
416929	4220h											
416930	4221h											
416931	4222h											
416932	4223h	4	R	Previous 8 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 1			X	X	O			
416933	4224h											
416934	4225h											
416935	4226h											
416936	4227h	4	R	Previous 8 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O			
416937	4228h											
416938	4229h											
416939	422Ah											
416940	422Bh	4	R	Previous 8 Cumulative Max. DM All Phase Export active power (Q2+Q3), Total rate					X	X	O	
416941	422Ch											
416942	422Dh											
416943	422Eh											
416944	422Fh	4	R	Previous 8 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O			
416945	4230h											
416946	4231h											
416947	4232h											
416948	4233h	4	R	Previous 8 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 2					X	X	O	
416949	4234h											

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
416950	4235h	4	R	Previous 8 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 3	0 to 999,999,999	Var Note5	X	X	O
416951	4236h					Var Note5	X	X	O
416952	4237h	4	R	Previous 8 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 4		Var Note5	X	X	O
416953	4238h					Var Note5	X	X	O
416954	4239h	4	R	Previous 8 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Total rate		Var Note5	X	X	O
416955	423Ah					Var Note5	X	X	O
416956	423Bh	4	R	Previous 8 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 1	0 to 999,999,999	Var Note5	X	X	O
416957	423Ch					Var Note5	X	X	O
416958	423Dh	4	R	Previous 8 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 2		Var Note5	X	X	O
416959	423Eh					Var Note5	X	X	O
416960	423Fh	4	R	Previous 8 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 3		Var Note5	X	X	O
416961	4240h					Var Note5	X	X	O
416962	4241h	4	R	Previous 8 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 4		Var Note5	X	X	O
416963	4242h					Var Note5	X	X	O
416964	4243h	6	R	Previous 9 billing date, time (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
416965	4244h					-	X	X	O
416966	4245h	4	R	Previous 9 All Phase Import active energy (Q1+Q4), Total rate	0 to 999,999,999	Wh Note5	X	X	O
416967	4246h					Wh Note5	X	X	O
416968	4247h	4	R	Previous 9 All Phase Import active energy (Q1+Q4), Rate 1		Wh Note5	X	X	O
416969	4248h					Wh Note5	X	X	O
416970	4249h	4	R	Previous 9 All Phase Import active energy (Q1+Q4), Rate 2		Wh Note5	X	X	O
416971	424Ah					Wh Note5	X	X	O
416972	424Bh	4	R	Previous 9 All Phase Import active energy (Q1+Q4), Rate 3		Wh Note5	X	X	O
416973	424Ch					Wh Note5	X	X	O
416974	424Dh	4	R	Previous 9 All Phase Import active energy (Q1+Q4), Rate 4		Wh Note5	X	X	O
416975	424Eh					Wh Note5	X	X	O
416976	424Fh	4	R	Previous 9 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X	O
416977	4250h					Wh Note5	X	X	O
416978	4251h	4	R	Previous 9 All Phase Export active energy (Q2+Q3), Rate 1		Wh Note5	X	X	O
416979	4252h					Wh Note5	X	X	O
416980	4253h	4	R	Previous 9 All Phase Export active energy (Q2+Q3), Rate 2		Wh Note5	X	X	O
416981	4254h					Wh Note5	X	X	O
416982	4255h	4	R	Previous 9 All Phase Export active energy (Q2+Q3), Rate 3		Wh Note5	X	X	O
416983	4256h					Wh Note5	X	X	O
416984	4257h	4	R	Previous 9 All Phase Export active energy (Q2+Q3), Rate 4		Wh Note5	X	X	O
416985	4258h					Wh Note5	X	X	O
416986	4259h	4	R	Previous 9 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999	Varh Note5	X	X	O
416987	425Ah					Varh Note5	X	X	O
416988	425Bh	4	R	Previous 9 All Phase Import reactive energy (Q1+Q2), Rate 1		Varh Note5	X	X	O
416989	425Ch					Varh Note5	X	X	O
416990	425Dh	4	R	Previous 9 All Phase Import reactive energy (Q1+Q2), Rate 2		Varh Note5	X	X	O
416991	425Eh					Varh Note5	X	X	O
416992	425Fh	4	R	Previous 9 All Phase Import reactive energy (Q1+Q2), Rate 3		Varh Note5	X	X	O
416993	4260h					Varh Note5	X	X	O
416994	4261h	4	R	Previous 9 All Phase Import reactive energy (Q1+Q2), Rate 4		Varh Note5	X	X	O
416995	4262h					Varh Note5	X	X	O
416996	4263h	4	R	Previous 9 All Phase Export reactive energy (Q3+Q4), Total rate	0 to 999,999,999	Varh Note5	X	X	O
416997	4264h					Varh Note5	X	X	O
416998	4265h	4	R	Previous 9 All Phase Export reactive energy (Q3+Q4), Rate 1		Varh Note5	X	X	O
416999	4266h					Varh Note5	X	X	O
417000	4267h	4	R	Previous 9 All Phase Export reactive energy (Q3+Q4), Rate 2		Varh Note5	X	X	O
417001	4268h					Varh Note5	X	X	O
417002	4269h	4	R	Previous 9 All Phase Export reactive energy (Q3+Q4), Rate 3		Varh Note5	X	X	O
417003	426Ah					Varh Note5	X	X	O
417004	426Bh	4	R	Previous 9 All Phase Export reactive energy (Q3+Q4), Rate 4		Varh Note5	X	X	O
417005	426Ch					Varh Note5	X	X	O
417006	426Dh	4	R	Previous 9 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O
417007	426Eh					W Note5	X	X	O
417008	426Fh	4	R	Previous 9 Max. Demand All Phase Import active power (Q1+Q4), Rate 1		W Note5	X	X	O
417009	4270h					W Note5	X	X	O
417010	4271h	4	R	Previous 9 Max. Demand All Phase Import active power (Q1+Q4), Rate 2		W Note5	X	X	O
417011	4272h					W Note5	X	X	O
417012	4273h	4	R	Previous 9 Max. Demand All Phase Import active power (Q1+Q4), Rate 3		W Note5	X	X	O
417013	4274h					W Note5	X	X	O
417014	4275h	4	R	Previous 9 Max. Demand All Phase Import active power (Q1+Q4), Rate 4		W Note5	X	X	O
417015	4276h					W Note5	X	X	O
417016	4277h	4	R	Previous 9 Max. Demand All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O
417017	4278h					W Note5	X	X	O
417018	4279h	4	R	Previous 9 Max. Demand All Phase Export active power (Q2+Q3), Rate 1		W Note5	X	X	O
417019	427Ah					W Note5	X	X	O
417020	427Bh	4	R	Previous 9 Max. Demand All Phase Export active power (Q2+Q3), Rate 2		W Note5	X	X	O
417021	427Ch					W Note5	X	X	O
417022	427Dh	4	R	Previous 9 Max. Demand All Phase Export active power (Q2+Q3), Rate 3		W Note5	X	X	O
417023	427Eh					W Note5	X	X	O
417024	427Fh	4	R	Previous 9 Max. Demand All Phase Export active power (Q2+Q3), Rate 4		W Note5	X	X	O
417025	4280h					W Note5	X	X	O
417026	4281h	4	R	Previous 9 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O
417027	4282h					Var Note5	X	X	O
417028	4283h	4	R	Previous 9 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 1		Var Note5	X	X	O
417029	4284h					Var Note5	X	X	O
417030	4285h	4	R	Previous 9 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2		Var Note5	X	X	O
417031	4286h					Var Note5	X	X	O
417032	4287h	4	R	Previous 9 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 3		Var Note5	X	X	O
417033	4288h					Var Note5	X	X	O
417034	4289h	4	R	Previous 9 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4		Var Note5	X	X	O
417035	428Ah					Var Note5	X	X	O
417036	428Bh	4	R	Previous 9 Max. Demand All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O
417037	428Ch					Var Note5	X	X	O
417038	428Dh	4	R	Previous 9 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 1		Var Note5	X	X	O
417039	428Eh					Var Note5	X	X	O
417040	428Fh	4	R	Previous 9 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 2		Var Note5	X	X	O
417041	4290h					Var Note5	X	X	O
417042	4291h	4	R	Previous 9 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 3		Var Note5	X	X	O
417043	4292h					Var Note5	X	X	O
417044	4293h	4	R	Previous 9 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 4		Var Note5	X	X	O
417045	4294h					Var Note5	X	X	O
417046	4295h	6	R	Previous 9 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417047	4296h					-	X	X	O
417048	4297h	6	R	Previous 9 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417049	4298h					-	X	X	O
417050	4299h	6	R	Previous 9 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417051	429Ah					-	X	X	O
417052	429Bh	6	R	Previous 9 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417053	429Ch					-	X	X	O
417054	429Dh	6	R	Previous 9 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417055	429Eh					-	X	X	O
417056	429Fh	6	R	Previous 9 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417057	42A0h					-	X	X	O
417058	42A1h	6	R	Previous 9 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417059	42A2h					-	X	X	O
417060	42A3h	6	R	Previous 9 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417061	42A4h					-	X	X	O
417062	42A5h	6	R	Previous 9 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417063	42A6h					-	X	X	O
417064	42A7h	6	R	Previous 9 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417065	42A8h					-	X	X	O
417066	42A9h	6	R	Previous 9 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417067	42AAh					-	X	X	O

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2			
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600	
417068	42ABh	6	R	Previous 9 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417069	42ACh									
417070	42ADh									
417071	42AEh	6	R	Previous 9 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417072	42AFh									
417073	42B0h									
417074	42B1h	6	R	Previous 9 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417075	42B2h									
417076	42B3h									
417077	42B4h	6	R	Previous 9 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417078	42B5h									
417079	42B6h									
417080	42B7h	6	R	Previous 9 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417081	42B8h									
417082	42B9h									
417083	42BAh	6	R	Previous 9 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417084	42BBh									
417085	42BCh									
417086	42BDh	6	R	Previous 9 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417087	42BEh									
417088	42BFh									
417089	42C0h	6	R	Previous 9 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417090	42C1h									
417091	42C2h									
417092	42C3h	6	R	Previous 9 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417093	42C4h									
417094	42C5h									
417095	42C6h	6	R	Previous 9 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417096	42C7h									
417097	42C8h									
417098	42C9h	6	R	Previous 9 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417099	42CAh									
417100	42CBh									
417101	42CCh	6	R	Previous 9 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417102	42CDh									
417103	42CEh									
417104	42CFh	6	R	Previous 9 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417105	42D0h									
417106	42D1h									
417107	42D2h	4	R	Previous 9 Cumulative Max. DM All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	
417108	42D3h			W Note5		X	X	O		
417109	42D4h			W Note5		X	X	O		
417110	42D5h	W Note5	X	X		O				
417111	42D6h	W Note5	X	X		O				
417112	42D7h	W Note5	X	X		O				
417113	42D8h	W Note5	X	X		O				
417114	42D9h	W Note5	X	X		O				
417115	42DAh	W Note5	X	X		O				
417116	42DBh	W Note5	X	X		O				
417117	42DCh	W Note5	X	X		O				
417118	42DDh	W Note5	X	X		O				
417119	42DEh	4	R	Previous 9 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	
417120	42DFh			W Note5		X	X	O		
417121	42E0h			W Note5		X	X	O		
417122	42E1h	W Note5	X	X		O				
417123	42E2h	W Note5	X	X		O				
417124	42E3h	W Note5	X	X		O				
417125	42E4h	W Note5	X	X		O				
417126	42E5h	W Note5	X	X		O				
417127	42E6h	4	R	Previous 9 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Total rate		0 to 999,999,999	Var Note5	X	X	O
417128	42E7h			Var Note5			X	X	O	
417129	42E8h			Var Note5			X	X	O	
417130	42E9h	Var Note5	X	X			O			
417131	42EAh	Var Note5	X	X	O					
417132	42EBh	Var Note5	X	X	O					
417133	42ECh	Var Note5	X	X	O					
417134	42EDh	Var Note5	X	X	O					
417135	42EEh	Var Note5	X	X	O					
417136	42EFh	Var Note5	X	X	O					
417137	42F0h	4	R	Previous 9 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999		Var Note5	X	X	O
417138	42F1h			Var Note5			X	X	O	
417139	42F2h			Var Note5		X	X	O		
417140	42F3h	Var Note5	X	X		O				
417141	42F4h	Var Note5	X	X		O				
417142	42F5h	Var Note5	X	X		O				
417143	42F6h	Var Note5	X	X		O				
417144	42F7h	Var Note5	X	X		O				
417145	42F8h	Var Note5	X	X		O				
417146	42F9h	Var Note5	X	X		O				
417147	42FAh	6	R	Previous 10 billing date, time (default = 01/Jan/2000, 00:00:00)		YYMMDDhhmmss Note8	-	X	X	O
417148	42FBh									
417149	42FCh									
417150	42FDh	4	R	Previous 10 All Phase Import active energy (Q1+Q4), Total rate	0 to 999,999,999	Wh Note5	X	X	O	
417151	42FEh			Wh Note5		X	X	O		
417152	42FFh			Wh Note5		X	X	O		
417153	4300h	Wh Note5	X	X		O				
417154	4301h	Wh Note5	X	X		O				
417155	4302h	Wh Note5	X	X		O				
417156	4303h	Wh Note5	X	X		O				
417157	4304h	Wh Note5	X	X		O				
417158	4305h	Wh Note5	X	X		O				
417159	4306h	Wh Note5	X	X		O				
417160	4307h	4	R	Previous 10 All Phase Export active energy (Q2+Q3), Total rate		0 to 999,999,999	Wh Note5	X	X	O
417161	4308h			Wh Note5			X	X	O	
417162	4309h			Wh Note5	X		X	O		
417163	430Ah	Wh Note5	X	X	O					
417164	430Bh	Wh Note5	X	X	O					
417165	430Ch	Wh Note5	X	X	O					
417166	430Dh	Wh Note5	X	X	O					
417167	430Eh	Wh Note5	X	X	O					
417168	430Fh	Wh Note5	X	X	O					
417169	4310h	Wh Note5	X	X	O					
417170	4311h	4	R	Previous 10 All Phase Import reactive energy (Q1+Q2), Total rate	0 to 999,999,999		Varh Note5	X	X	O
417171	4312h			Varh Note5			X	X	O	
417172	4313h			Varh Note5		X	X	O		
417173	4314h	Varh Note5	X	X		O				
417174	4315h	Varh Note5	X	X		O				
417175	4316h	Varh Note5	X	X		O				
417176	4317h	Varh Note5	X	X		O				
417177	4318h	Varh Note5	X	X		O				
417178	4319h	Varh Note5	X	X		O				
417179	431Ah	Varh Note5	X	X		O				
417180	431Bh	4	R	Previous 10 All Phase Export reactive energy (Q3+Q4), Total rate		0 to 999,999,999	Varh Note5	X	X	O
417181	431Ch			Varh Note5			X	X	O	
417182	431Dh			Varh Note5	X		X	O		
417183	431Eh	Varh Note5	X	X	O					
417184	431Fh	Varh Note5	X	X	O					
417185	4320h	Varh Note5	X	X	O					

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2			
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600	
417186	4321h	4	R	Previous 10 All Phase Export reactive energy (Q3+Q4), Rate 3	0 to 999,999,999	Varh Note5	X	X	O	
417187	4322h			417188		4323h	417189	4324h	Varh Note5	X
417190	4325h	4	R	Previous 10 Max. Demand All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	
417191	4326h			417192		4327h	417193	4328h	W Note5	X
417194	4329h	4	R	Previous 10 Max. Demand All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	
417195	432Ah			417196		432Bh	417197	432Ch	W Note5	X
417198	432Dh	4	R	Previous 10 Max. Demand All Phase Import active power (Q1+Q4), Rate 4	0 to 999,999,999	W Note5	X	X	O	
417199	432Eh			417200		432Fh	417201	4330h	W Note5	X
417202	4331h	4	R	Previous 10 Max. Demand All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O	
417203	4332h			417204		4333h	417205	4334h	W Note5	X
417206	4335h	4	R	Previous 10 Max. Demand All Phase Export active power (Q2+Q3), Rate 3	0 to 999,999,999	W Note5	X	X	O	
417207	4336h			417208		4337h	417209	4338h	W Note5	X
417210	4339h	4	R	Previous 10 Max. Demand All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O	
417211	433Ah			417212		433Bh	417213	433Ch	Var Note5	X
417214	433Dh	4	R	Previous 10 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O	
417215	433Eh			417216		433Fh	417217	4340h	Var Note5	X
417218	4341h	4	R	Previous 10 Max. Demand All Phase Import reactive power (Q1+Q2), Rate 4	0 to 999,999,999	Var Note5	X	X	O	
417219	4342h			417220		4343h	417221	4344h	Var Note5	X
417222	4345h	4	R	Previous 10 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 1	0 to 999,999,999	Var Note5	X	X	O	
417223	4346h			417224		4347h	417225	4348h	Var Note5	X
417226	4349h	4	R	Previous 10 Max. Demand All Phase Export reactive power (Q3+Q4), Rate 3	0 to 999,999,999	Var Note5	X	X	O	
417227	434Ah			417228		434Bh	417229	434Ch	Var Note5	X
417230	434Dh	6	R	Previous 10 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417231	434Eh			417232	434Fh	417233	4350h	YYMMDDhhmmss Note8	-	X
417234	4351h	6	R	Previous 10 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417235	4352h			417236	4353h	417237	4354h	YYMMDDhhmmss Note8	-	X
417238	4355h	6	R	Previous 10 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417239	4356h			417240	4357h	417241	4358h	YYMMDDhhmmss Note8	-	X
417242	4359h	6	R	Previous 10 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417243	435Ah			417244	435Bh	417245	435Ch	YYMMDDhhmmss Note8	-	X
417246	435Dh	6	R	Previous 10 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417247	435Eh			417248	435Fh	417249	4360h	YYMMDDhhmmss Note8	-	X
417250	4361h	6	R	Previous 10 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417251	4362h			417252	4363h	417253	4364h	YYMMDDhhmmss Note8	-	X
417254	4365h	6	R	Previous 10 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417255	4366h			417256	4367h	417257	4368h	YYMMDDhhmmss Note8	-	X
417258	4369h	6	R	Previous 10 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417259	436Ah			417260	436Bh	417261	436Ch	YYMMDDhhmmss Note8	-	X
417262	436Dh	6	R	Previous 10 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417263	436Eh			417264	436Fh	417265	4370h	YYMMDDhhmmss Note8	-	X
417266	4371h	6	R	Previous 10 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417267	4372h			417268	4373h	417269	4374h	YYMMDDhhmmss Note8	-	X
417270	4375h	6	R	Previous 10 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417271	4376h			417272	4377h	417273	4378h	YYMMDDhhmmss Note8	-	X
417274	4379h	6	R	Previous 10 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417275	437Ah			417276	437Bh	417277	437Ch	YYMMDDhhmmss Note8	-	X
417278	437Dh	6	R	Previous 10 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417279	437Eh			417280	437Fh	417281	4380h	YYMMDDhhmmss Note8	-	X
417282	4381h	6	R	Previous 10 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417283	4382h			417284	4383h	417285	4384h	YYMMDDhhmmss Note8	-	X
417286	4385h	6	R	Previous 10 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O	
417287	4386h			417288	4387h	417289	4388h	YYMMDDhhmmss Note8	-	X
417290	4389h	4	R	Previous 10 Cumulative Max. DM All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O	
417291	438Ah			417292		438Bh	417293	438Ch	W Note5	X
417294	438Dh	4	R	Previous 10 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O	
417295	438Eh			417296		438Fh	417297	4390h	W Note5	X
417298	4391h	4	R	Previous 10 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 4	0 to 999,999,999	W Note5	X	X	O	
417299	4392h			417300		4393h	417301	4394h	W Note5	X
417302	4395h	4	R	Previous 10 Cumulative Max. DM All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O	
417303	4396h			417303		4396h	417303	4396h	W Note5	X

Register Address		Byte Count	Access #1, Note12	Register name	Range	Units	Applicable #2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
417422	440Dh	6	R	Previous 11 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417423	440Eh								
417424	440Fh								
417425	4410h	6	R	Previous 11 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417426	4411h								
417427	4412h								
417428	4413h	6	R	Previous 11 Max. DM Time stamp All Phase Export active power (Q2+Q3), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417429	4414h								
417430	4415h								
417431	4416h	6	R	Previous 11 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417432	4417h								
417433	4418h								
417434	4419h	6	R	Previous 11 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417435	441Ah								
417436	441Bh								
417437	441Ch	6	R	Previous 11 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417438	441Dh								
417439	441Eh								
417440	441Fh	6	R	Previous 11 Max. DM Time stamp All Phase Export active power (Q2+Q3), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417441	4420h								
417442	4421h								
417443	4422h	6	R	Previous 11 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417444	4423h								
417445	4424h								
417446	4425h	6	R	Previous 11 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417447	4426h								
417448	4427h								
417449	4428h	6	R	Previous 11 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417450	4429h								
417451	442Ah								
417452	442Bh	6	R	Previous 11 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417453	442Ch								
417454	442Dh								
417455	442Eh	6	R	Previous 11 Max. DM Time stamp All Phase Import reactive power (Q1+Q2), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417456	442Fh								
417457	4430h								
417458	4431h	6	R	Previous 11 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Total rate (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417459	4432h								
417460	4433h								
417461	4434h	6	R	Previous 11 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 1 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417462	4435h								
417463	4436h								
417464	4437h	6	R	Previous 11 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 2 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417465	4438h								
417466	4439h								
417467	443Ah	6	R	Previous 11 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 3 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417468	443Bh								
417469	443Ch								
417470	443Dh	6	R	Previous 11 Max. DM Time stamp All Phase Export reactive power (Q3+Q4), Rate 4 (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417471	443Eh								
417472	443Fh								
417473	4440h	4	R	Previous 11 Cumulative Max. DM All Phase Import active power (Q1+Q4), Total rate	0 to 999,999,999	W Note5	X	X	O
417474	4441h			W Note5		X	X	O	
417475	4442h			W Note5		X	X	O	
417476	4443h	4	R	Previous 11 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O
417477	4444h			W Note5		X	X	O	
417478	4445h			W Note5		X	X	O	
417479	4446h	4	R	Previous 11 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O
417480	4447h			W Note5		X	X	O	
417481	4448h			W Note5		X	X	O	
417482	4449h	4	R	Previous 11 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 3	0 to 999,999,999	W Note5	X	X	O
417483	444Ah			W Note5		X	X	O	
417484	444Bh			W Note5		X	X	O	
417485	444Ch	4	R	Previous 11 Cumulative Max. DM All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O
417486	444Dh			W Note5		X	X	O	
417487	444Eh			W Note5		X	X	O	
417488	444Fh	4	R	Previous 11 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O
417489	4450h			W Note5		X	X	O	
417490	4451h			W Note5		X	X	O	
417491	4452h	4	R	Previous 11 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O
417492	4453h			W Note5		X	X	O	
417493	4454h			W Note5		X	X	O	
417494	4455h	4	R	Previous 11 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O
417495	4456h			Var Note5		X	X	O	
417496	4457h			Var Note5		X	X	O	
417497	4458h	4	R	Previous 11 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O
417498	4459h			Var Note5		X	X	O	
417499	445Ah			Var Note5		X	X	O	
417500	445Bh	4	R	Previous 11 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 2	0 to 999,999,999	Var Note5	X	X	O
417501	445Ch			Var Note5		X	X	O	
417502	445Dh			Var Note5		X	X	O	
417503	445Eh	4	R	Previous 11 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O
417504	445Fh			Var Note5		X	X	O	
417505	4460h			Var Note5		X	X	O	
417506	4461h	4	R	Previous 11 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 1	0 to 999,999,999	Var Note5	X	X	O
417507	4462h			Var Note5		X	X	O	
417508	4463h			Var Note5		X	X	O	
417509	4464h	4	R	Previous 11 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 2	0 to 999,999,999	Var Note5	X	X	O
417510	4465h			Var Note5		X	X	O	
417511	4466h			Var Note5		X	X	O	
417512	4467h	4	R	Previous 11 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 3	0 to 999,999,999	Var Note5	X	X	O
417513	4468h			Var Note5		X	X	O	
417514	4469h			Var Note5		X	X	O	
417515	446Ah	6	R	Previous 12 billing date, time (default = 01/Jan/2000, 00:00:00)	YYMMDDhhmmss Note8	-	X	X	O
417516	446Bh								
417517	446Ch								
417518	446Dh	4	R	Previous 12 All Phase Import active energy (Q1+Q4), Total rate	0 to 999,999,999	Wh Note5	X	X	O
417519	446Eh			Wh Note5		X	X	O	
417520	446Fh			Wh Note5		X	X	O	
417521	4470h	4	R	Previous 12 All Phase Import active energy (Q1+Q4), Rate 1	0 to 999,999,999	Wh Note5	X	X	O
417522	4471h			Wh Note5		X	X	O	
417523	4472h			Wh Note5		X	X	O	
417524	4473h	4	R	Previous 12 All Phase Import active energy (Q1+Q4), Rate 2	0 to 999,999,999	Wh Note5	X	X	O
417525	4474h			Wh Note5		X	X	O	
417526	4475h			Wh Note5		X	X	O	
417527	4476h	4	R	Previous 12 All Phase Export active energy (Q2+Q3), Total rate	0 to 999,999,999	Wh Note5	X	X	O
417528	4477h			Wh Note5		X	X	O	
417529	4478h			Wh Note5		X	X	O	
417530	4479h	4	R	Previous 12 All Phase Export active energy (Q2+Q3), Rate 1	0 to 999,999,999	Wh Note5	X	X	O
417531	447Ah			Wh Note5		X	X	O	
417532	447Bh			Wh Note5		X	X	O	
417533	447Ch	4	R	Previous 12 All Phase Export active energy (Q2+Q3), Rate 2	0 to 999,999,999	Wh Note5	X	X	O
417534	447Dh			Wh Note5		X	X	O	
417535	447Eh			Wh Note5		X	X	O	
417536	447Fh	4	R	Previous 12 All Phase Export active energy (Q2+Q3), Rate 3	0 to 999,999,999	Wh Note5	X	X	O
417537	4480h			Wh Note5		X	X	O	
417538	4481h			Wh Note5		X	X	O	
417539	4482h	4	R	Previous 12 All Phase Import reactive energy (Q1+Q2), Rate 1	0 to 999,999,999	Varh Note5	X	X	O

Register Address		Byte Count	Access *1, Note12	Register name	Range	Units	Applicable *2		
Dec	Hex						SMW110-C07E	SMW110-C47E	SMW110W4-N141C600
417658	44F9h	4	R	Previous 12 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 1	0 to 999,999,999	W Note5	X	X	O
417659	44FAh			W Note5		X	X	O	
417660	44FBh			W Note5		X	X	O	
417661	44FCh			W Note5		X	X	O	
417662	44FDh	4	R	Previous 12 Cumulative Max. DM All Phase Import active power (Q1+Q4), Rate 2	0 to 999,999,999	W Note5	X	X	O
417663	44FEh			W Note5		X	X	O	
417664	44FFh			W Note5		X	X	O	
417665	4500h			W Note5		X	X	O	
417666	4501h	4	R	Previous 12 Cumulative Max. DM All Phase Export active power (Q2+Q3), Total rate	0 to 999,999,999	W Note5	X	X	O
417667	4502h			W Note5		X	X	O	
417668	4503h			W Note5		X	X	O	
417669	4504h			W Note5		X	X	O	
417670	4505h	4	R	Previous 12 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 1	0 to 999,999,999	W Note5	X	X	O
417671	4506h			W Note5		X	X	O	
417672	4507h			W Note5		X	X	O	
417673	4508h			W Note5		X	X	O	
417674	4509h	4	R	Previous 12 Cumulative Max. DM All Phase Export active power (Q2+Q3), Rate 2	0 to 999,999,999	W Note5	X	X	O
417675	450Ah			W Note5		X	X	O	
417676	450Bh			W Note5		X	X	O	
417677	450Ch			W Note5		X	X	O	
417678	450Dh	4	R	Previous 12 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Total rate	0 to 999,999,999	Var Note5	X	X	O
417679	450Eh			Var Note5		X	X	O	
417680	450Fh			Var Note5		X	X	O	
417681	4510h			Var Note5		X	X	O	
417682	4511h	4	R	Previous 12 Cumulative Max. DM All Phase Import reactive power (Q1+Q2), Rate 1	0 to 999,999,999	Var Note5	X	X	O
417683	4512h			Var Note5		X	X	O	
417684	4513h			Var Note5		X	X	O	
417685	4514h			Var Note5		X	X	O	
417686	4515h	4	R	Previous 12 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Total rate	0 to 999,999,999	Var Note5	X	X	O
417687	4516h			Var Note5		X	X	O	
417688	4517h			Var Note5		X	X	O	
417689	4518h			Var Note5		X	X	O	
417690	4519h	4	R	Previous 12 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 1	0 to 999,999,999	Var Note5	X	X	O
417691	451Ah			Var Note5		X	X	O	
417692	451Bh			Var Note5		X	X	O	
417693	451Ch			Var Note5		X	X	O	
417694	451Dh	4	R	Previous 12 Cumulative Max. DM All Phase Export reactive power (Q3+Q4), Rate 2	0 to 999,999,999	Var Note5	X	X	O
417695	451Eh			Var Note5		X	X	O	

Important Note

1: Registered addresses not listed in the table above are not available. and then meter will respond with exception response code 02 indicated data address is illegal.

2: In case write data exceeds the specified range, meter will response that write complete, but the data will not change.

3: Password protection,

- If the correct password is not supplied, meter will respond after writing register data write with password (WP) with exception response code 02 indicated address is illegal.
- Password login must be written 2 data registers by starts at register 44102 (1005h) only, if written to another register, meter will response with exception response code 02 indicated data address is illegal.
- If writing multiple register consist of password login, meter will response with exception response code 02 indicated data address is illegal.
- If writing multiple register consist of password setting, meter will response with exception response code 02 indicated data address is illegal.
- After set password setting, it will need to log in again every time.

4: The unit of energy data is depended on Unit of display energy (Address 0FA7h) and the number of decimal places is depended on Decimal place no. of display energy (Address 0FA8h).

$$\text{Real output data} = \text{Read data} \times 10^{(-\text{Decimal place no. of display energy})} \text{Unit.}$$

<Example1> In case of reading Display Wh (imp+exp) Total value and Unit of display energy to Decimal place no. of display energy. Slave address is 78h.

- Reading Display Wh (imp+exp) Total value (Address 0FAAh ~ 0FABh)

▪ Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	0FH	AAH	00H	02H	ECH	96H

▪ Response framing (Display Wh (imp+exp) Total value = **0012 D687h (1234567)**)

Slave address	Function code	Byte count	Display Wh (imp+exp) Total value				CRC	
78H	03H	04H	00H	12H	D6H	87H	ACH	F3H

- Reading Unit of display energy to Decimal place no. of display energy (Address 0FA7h, 0FA8h).

▪ Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	0FH	A7H	00H	02H	7DH	55H

▪ Response framing (Unit of display energy = **0001h (1: kWh)**, Decimal place no. of display energy = **0002h (2)**)

Slave address	Function code	Byte count	Unit		Decimal place.		CRC	
78H	03H	04H	00H	01H	00H	02H	C2H	F5H

∴ **Real output data of Display Wh (imp+exp) Total value = $1234567 \times 10^{-2} = 12,345.67 \text{ kWh}$**

5: The unit of Energy, Demand, Max. Demand and Cumulative Max. Demand depending on Energy and Demand Resolution (Address 1009h).

$$Real\ output\ data = Read\ data \times 10^{(Energy\ and\ Demand\ Resolution)}$$

<Example1> In case of reading All Phase Import active energy (Q1 + Q4) value and Energy and Demand Resolution. Slave address is 78h.

- Reading All Phase Import active energy (Q1 + Q4) value (Address 13F8h ~ 13F9h)

- Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	13H	F8H	00H	02H	4AH	D7H

- Response framing (All Phase Import active energy (Q1 + Q4) value = **0009 FBF1h (654321)**)

Slave address	Function code	Byte count	All Phase Import active energy (Q1 + Q4)				CRC	
78H	03H	04H	00H	09H	FBH	F1H	40H	42H

- Reading Energy and Demand Resolution (Address 1009h)

- Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	10H	09H	00H	01H	5BH	61H

- Response framing (Energy and Demand Resolution = **0003h (3: 1 kWh, kVarh, kW, kVar)**)

Slave address	Function code	Byte count	Energy and Demand Resolution		CRC	
78H	03H	02H	00H	03H	65H	8FH

∴ Real output data of All Phase Import active energy (Q1 + Q4) = $654321 \times 10^3 = 654,321\ kWh$.

For previous data, if no billing data, data of other previous will be 0. And if there is 1 billing data, the data of other previous will be 0.

<Example2> In case of no billing data, Reading Previous 1, 2 All Phase Import active energy (Q1 + Q4) value and Energy and Demand Resolution. Slave address is 78h.

- Reading Previous 1 All Phase Import active energy (Q1 + Q4) value (Address 1424h ~ 1425h)

- Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	14H	24H	00H	02H	8AH	59H

- Response framing (Previous 1 All Phase Import active energy (Q1 + Q4) value = **0000 0000h (0)**)

Slave address	Function code	Byte count	Previous 1 All Phase Imp. active energy				CRC	
78H	03H	04H	00H	00H	00H	00H	12H	F4H

- Reading Previous 2 All Phase Import active energy (Q1 + Q4) value (Address 1482h ~ 1483h)

- Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	14H	82H	00H	02H	6AH	7AH

- Response framing (Previous 2 All Phase Import active energy (Q1 + Q4) value = **0000 0000h (0)**)

Slave address	Function code	Byte count	Previous 2 All Phase Imp. active energy				CRC	
78H	03H	04H	00H	00H	00H	00H	12H	F4H

- Reading Energy and Demand Resolution (Address 1009h)

- Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	10H	09H	00H	01H	5BH	61H

- Response framing (Energy and Demand Resolution = **0003h (3: 1 kWh, kVarh, kW, kVar)**)

Slave address	Function code	Byte count	Energy and Demand Resolution		CRC	
78H	03H	02H	00H	03H	65H	8FH

∴ Real output data of Previous 1 All Phase Import active energy (Q1 + Q4) = $0 \times 10^3 = 0 \text{ kWh}$.

Real output data of Previous 2 All Phase Import active energy (Q1 + Q4) = $0 \times 10^3 = 0 \text{ kWh}$.

<Example3> In case of 1 billing data, Reading Previous 1, 2 All Phase Import active energy (Q1 + Q4) value and Energy and Demand Resolution. Slave address is 78h.

- Reading Previous 1 All Phase Import active energy (Q1 + Q4) value (Address 1424h ~ 1425h)

- Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	14H	24H	00H	02H	8AH	59H

- Response framing (Previous 1 All Phase Import active energy (Q1 + Q4) value = **0009 FBF1h (654321)**)

Slave address	Function code	Byte count	Previous 1 All Phase Imp. active energy				CRC	
78H	03H	04H	00H	09H	FBH	F1H	40H	42H

- Reading Previous 2 All Phase Import active energy (Q1 + Q4) value (Address 1482h ~ 1483h)

- Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	14H	82H	00H	02H	6AH	7AH

- Response framing (Previous 2 All Phase Import active energy (Q1 + Q4) value = **0000 0000h (0)**)

Slave address	Function code	Byte count	Previous 2 All Phase Imp. active energy				CRC	
78H	03H	04H	00H	00H	00H	00H	12H	F4H

- Reading Energy and Demand Resolution (Address 1009h)

- Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	10H	09H	00H	01H	5BH	61H

- Response framing (Energy and Demand Resolution = **0003h (3: 1 kWh, kVarh, kW, kVar)**)

Slave address	Function code	Byte count	Energy and Demand Resolution		CRC	
78H	03H	02H	00H	03H	65H	8FH

∴ Real output data of Previous 1 All Phase Import active energy (Q1 + Q4) = $654321 \times 10^3 = 654,321 \text{ kWh}$.

Real output data of Previous 2 All Phase Import active energy (Q1 + Q4) = $0 \times 10^3 = 0 \text{ kWh}$.

<Example4> In case of 2 billing data, Reading Previous 1, 2 All Phase Import active energy (Q1 + Q4) value and Energy and Demand Resolution. Slave address is 78h.

- Reading Previous 1 All Phase Import active energy (Q1 + Q4) value (Address 1424h ~ 1425h)

- Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	14H	24H	00H	02H	8AH	59H

- Response framing (Previous 1 All Phase Import active energy (Q1 + Q4) value = **0001 E240h (123456)**)

Slave address	Function code	Byte count	Previous 1 All Phase Imp. active energy				CRC	
78H	03H	04H	00H	01H	E2H	40H	0AH	64H

- Reading Previous 2 All Phase Import active energy (Q1 + Q4) value (Address 1482h ~ 1483h)

- Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	14H	82H	00H	02H	6AH	7AH

- Response framing (Previous 2 All Phase Import active energy (Q1 + Q4) value = **0009 FBF1h (654321)**)

Slave address	Function code	Byte count	Previous 2 All Phase Imp. active energy				CRC	
78H	03H	04H	00H	09H	FBH	F1H	40H	42H

- Reading Energy and Demand Resolution (Address 1009h)

- Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	10H	09H	00H	01H	5BH	61H

- Response framing (Energy and Demand Resolution = **0003h (3: 1 kWh, kVarh, kW, kVar)**)

Slave address	Function code	Byte count	Energy and Demand Resolution		CRC	
78H	03H	02H	00H	03H	65H	8FH

∴ Real output data of Previous 1 All Phase Import active energy (Q1 + Q4) = $123456 \times 10^3 = 123,456 \text{ kWh}$.

Real output data of Previous 2 All Phase Import active energy (Q1 + Q4) = $654321 \times 10^3 = 654,321 \text{ kWh}$.

6: Recommend user shall setting Multiplier (CT Ratio) and Energy and Demand Resolution as table below,

Multiplier (CT ratio) (0FE9h)	Energy and Demand Resolution (1009h)
1 to 400	0 (1 Wh, Varh, W, Var)
1 to 5,000	3 (1 kWh, kVarh, kW, kVar)

7: About Current date time,

<Example>

- Reading Current Date/Time (Address 0FA2h ~ 0FA5h). Slave address is 78h.

- Query framing

Slave address	Function code	Starting address		Quantity of registers		CRC	
78H	03H	0FH	A2H	00H	04H	EDH	56H

- Response framing (Reading Current Date/Time = **0017 0B1E 0B34 2400h (2023/Nov/30, 11:52:36)**)

Slave address	Function code	Byte count	Current Date/Time								CRC	
78H	03H	08H	00H	17H	0BH	1EH	0BH	34H	24H	00H	87H	18H

8: About Previous Billing date, time and Previous Max. DM Time stamp

For Previous Max. Demand Time stamp and Previous billing date, time, if no billing data, it will be default. 000101000000h (01/Jan/2000 00:00:00)

Ex.	Address	Read data	Output	Meaning	Remark
1	141Eh	Number of billing (Billing reset count)	00h	No billing data	No Billing data
	188Dh	Number of available billing data	01h	No billing data	
	3C8Bh ~ 3C8Dh	Previous 1 billing date, time	000101000000h	Previous 1 billing date, time = 2000/Jan/01, 00:00:00	
	3CDEh ~ 3CE0h	Previous 1 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate	000101000000h	Previous 1 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate = 2000/Jan/01, 00:00:00	
2	141Eh	Number of billing (Billing reset count)	01h	1 Billing data	1 Billing data
	188Dh	Number of available billing data	02h	1 Billing data	
	3C8Bh ~ 3C8Dh	Previous 1 billing date, time	1706010F0F1Eh	Previous 1 billing date, time = 2023/Jun/01, 15:15:30	
	3CDEh ~ 3CE0h	Previous 1 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate	630C010B1E00h	Previous 1 Max. DM Time stamp All Phase Import active power (Q1+Q4), Total rate = 2099/Dec/01, 11:30:00	
	3D9Eh ~ 3DA0h	Previous 2 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3	000101000000h	Previous 2 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 = 2000/Jan/01, 00:00:00	
3	141Eh	Number of billing (Billing reset count)	02h	2 Billing data	2 Billing data
	188Dh	Number of available billing data	03h	2 Billing data	
	3D9Eh ~ 3DA0h	Previous 2 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3	1706010F0F1Eh	Previous 2 Max. DM Time stamp All Phase Import active power (Q1+Q4), Rate 3 = 2023/Jun/01, 15:15:30	
	4468h ~ 446Ah	Previous 12 billing date, time	000101000000h	Previous 12 billing date, time = 2000/Jan/01, 00:00:00	

9: Number of available billing data (188Dh) is show how many billing stored in meter (include Present Billing). If Number of available billing data > 13, its still 13. For Number of billing (Billing reset count) (141Eh), when billing reset count reach 99 then roll back to 0.

<Example>

Number of available billing data (188Dh)	Number of billing (Billing reset count) (141Eh)	Remark
1	0	No Billing
2	1	Billing 1 st
13	12	Billing 12 th
13	13	Billing 13 th
:	:	:
13	99	Billing 99 th
13	0	Billing 100 th
13	1	Billing 101 st

10: About Metering data clear (0FEFh),

1) This type of clearing will clear the following data to default value,

- Present data (Present Energy, Demand, Maximum demand)
- Number of billing (Billing reset count) (141Eh)
- Number of available billing data (188Dh)
- Billing data (Previous data)
- Load profile data

2) In case of write data of metering data clear exceeds the specified range, meter will response with exception response code 02 indicated data address is illegal.

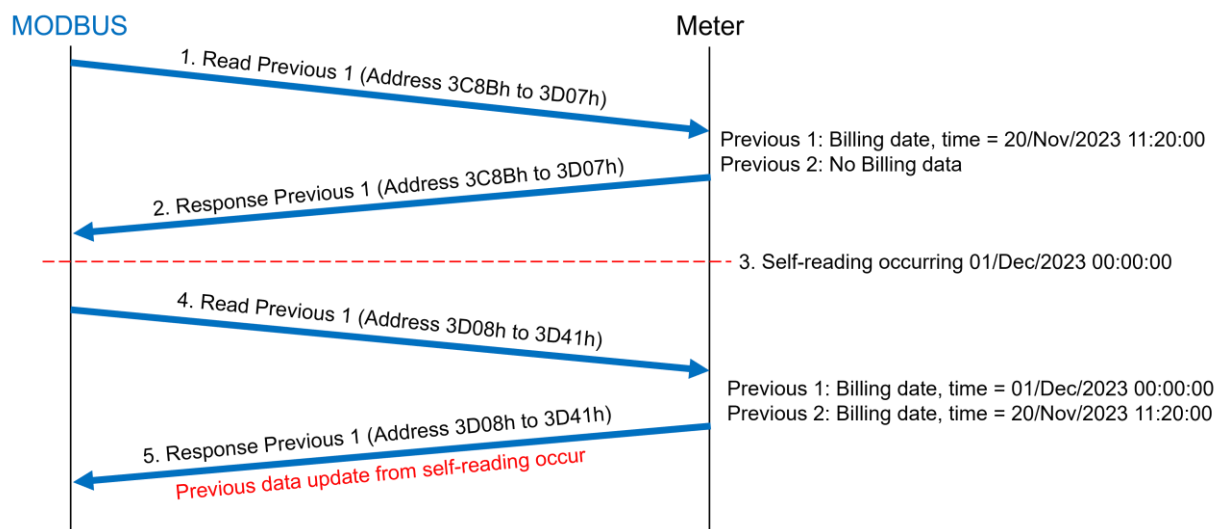
11: About Manual demand reset (188Eh),

1) In case of write data of manual demand reset (188Eh) exceeds the specified range, meter will response with exception response code 02 indicated data address is illegal.

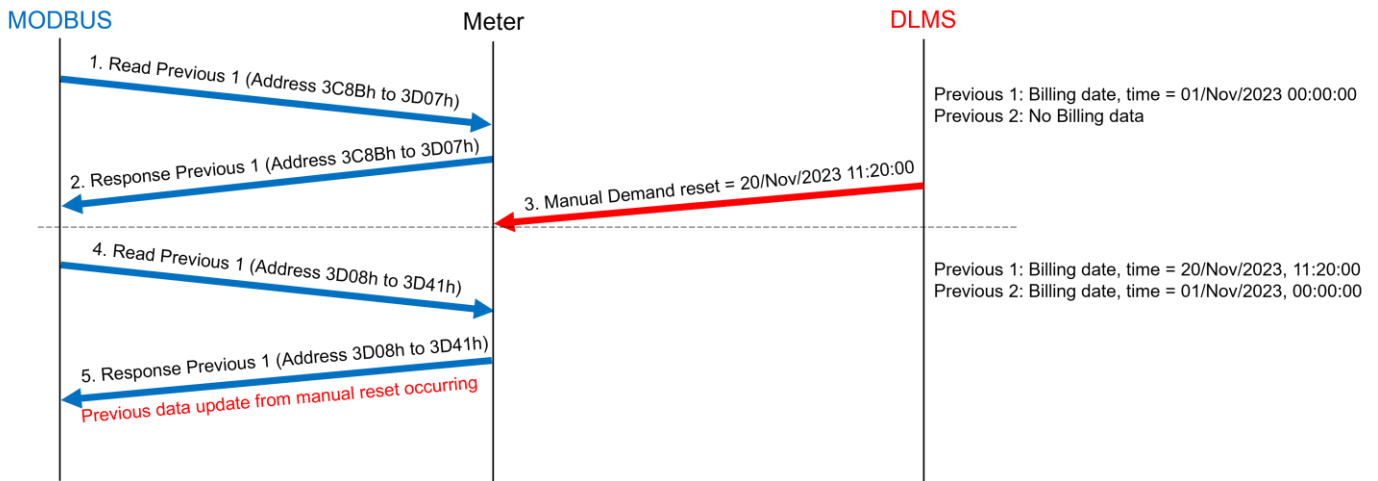
2) For Metering data clear (0FEFh) and Manual demand reset (188Eh), If the above command is not completed, meter will response with exception response code 02 indicated data address is illegal.

3) If self-reading or manual demand reset occurs during read previous billing data, the previous data is always latest.

<Example1> During read previous 1, Self-reading occurring.



<Example2> During read previous 1, Manual demand reset occurring.



12: Communicating on multiple ports at the same time.

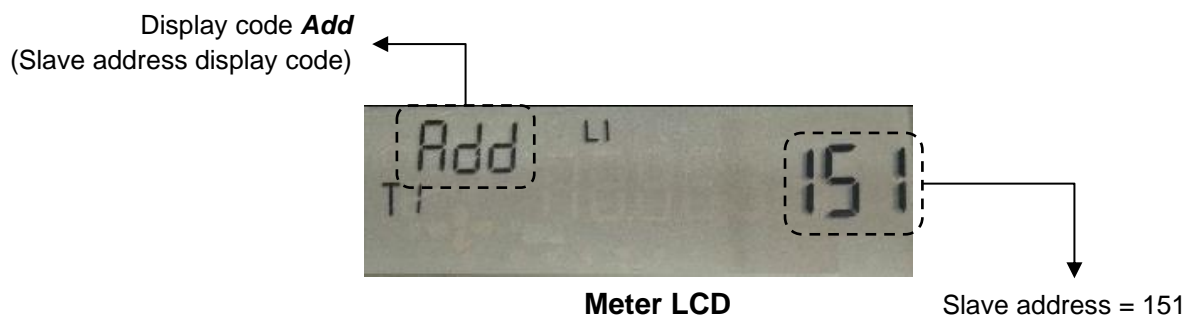
No.	Communication port			DLMS		MODBUS	
	Optical	RS232	RS485	Read	Write	Read	Write
1	DLMS	-	-	O	O	-	-
2	-	DLMS	-	O	O	-	-
3	DLMS	DLMS	-	X	X	-	-
4	DLMS	DLMS	MODBUS	X	X	O	X
5	DLMS	-	MODBUS	O	X	O	X
6	-	DLMS	MODBUS	O	X	O	X
7	-	-	MODBUS	-	-	O	O

O: Support, X: Not support

Appendix A Slave Address

A slave address of any meter is shown on meter LCD by manual scrolling display. The slave address shown by display item, code Add.

<Example A1>



Note:

A slave address must be unique on a Modbus serial bus. If some slave addresses are duplicated on bus, slave address changing must be done by software “Modbus Meter Setting” (download setting software from our website: www.meath-co.com/meter/sara_doc.php?cat=22)

Meter Technical Support



0-2540-6992



support.025406992 (Line ID)

Working Hours: Mon.– Fri. / 8.00a.m.–5.00p.m.

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