

## Annexure-2

### Sample Downloadable Parameters on RS485 (MODBUS)

S.No.	Parameter Name	No. of word	Parameter Address	Parameter Data
<b>Instantaneous Data</b>				
1	Meter Serial Number	2	1	0x058983ED
2	RTC Day	1	3	0x0002
3	RTC Month	1	4	0x0003
4	RTC Year	1	5	0x00014
5	RTC Hour	1	6	0x0010
6	RTC Minute	1	7	0x0030
7	Voltage	1	8	0X960
8	Phase Current	1	9	0x03E8
9	Neutral Current	1	10	0x03E8
10	Active Power	1	11	0X1C20
11	Instantaneous Power Factor	1	12	0x0056
12	System Frequency	1	13	0x01F4
13	Total Tamper Count	1	14	0x000A
S.No	Parameter Name	No of word	Parameter Address	Parameter Data
<b>Current Month Billing</b>				
14	Mains Active Energy KWh	2	15	0X0BC3
15	Mains Apparent Energy KVAH	2	17	0x0BC4
16	Mains KW MD	1	19	0X00C9
17	Mains MD Date	1	20	0x0002
18	Mains MD Month	1	21	0x0003
19	Mains MD Year	1	22	0x0014
20	Mains MD Hour	1	23	0x0010
21	Mains MD Minute	1	24	0x0030
22	Mains KVA MD	1	25	0X00C9
23	Mains MD Date	1	26	0x0002
24	Mains MD Month	1	27	0x0003
25	Mains MD Year	1	28	0x0014
26	Mains MD Hour	1	29	0x0010
27	Mains MD Minute	1	30	0x0030

S.No	Parameter Name	No of word	Parameter Address	Parameter Data
<b>Last Month Billing</b>				
28	Last Month Mains Active Energy KWh	2	95	0X0BC3
29	Last Month Apparent Energy KVAH	2	97	0x0BC4
30	Last month KW MD	1	99	0X00C9
31	Last month MD Date	1	100	0x0002
32	Last month MD Month	1	101	0x0003
33	Last month MD Year	1	102	0x0014
34	Last month MD Hour	1	103	0x0010
35	Last month MD Minute	1	104	0x0030
36	Last month KVA MD	1	105	0X00C9
37	Last month MD Date	1	106	0x0002
38	Last month MD Month	1	107	0x0003
39	Last month Year	1	108	0x0014
40	Last month MD Hour	1	109	0x0010
41	Last month MD Minute	1	110	0x0030

S.No	Parameter Name	No of word	Parameter Address	Parameter Data
<b>3rd Last Month Billing</b>				
42	Last Month Mains Active Energy KWh	2	255	0X0BC3
43	Last Month Apparent Energy KVAH	2	257	0x0BC4
44	Last month KW MD	1	259	0X00C9
45	Last month MD Date	1	260	0x0002
46	Last month MD Month	1	261	0x0003
47	Last month MD Year	1	262	0x0014
48	Last month MD Hour	1	263	0x0010
49	Last month MD Minute	1	264	0x0030
50	Last month KVA MD	1	265	0X00C9
51	Last month MD Date	1	266	0x0002
52	Last month MD Month	1	267	0x0003
53	Last month Year	1	268	0x0014
54	Last month MD Hour	1	269	0x0010
55	Last month MD Minute	1	270	0x0030

S.No	Parameter Name	No of word	Parameter Address	Parameter Data
<b>4th Last Month Billing</b>				
56	Last Month Mains Active Energy KWh	2	335	0X0BC3
57	Last Month Apparent Energy KVAH	2	337	0x0BC4
58	Last month KW MD	1	339	0X00C9
59	Last month MD Date	1	340	0x0002
60	Last month MD Month	1	341	0x0003
61	Last month MD Year	1	342	0x0014
62	Last month MD Hour	1	343	0x0010
63	Last month MD Minute	1	344	0x0030
64	Last month KVA MD	1	345	0X00C9
65	Last month MD Date	1	346	0x0002
66	Last month MD Month	1	347	0x0003
67	Last month Year	1	348	0x0014
68	Last month MD Hour	1	349	0x0010
69	Last month MD Minute	1	350	0x0030

S.No	Parameter Name	No of word	Parameter Address	Parameter Data
<b>fifth Last Month Billing</b>				
70	Last Month Mains Active Energy KWh	2	415	0X0BC3
71	Last Month Apparent Energy KVAH	2	417	0x0BC4
72	Last month KW MD	1	419	0X00C9
73	Last month MD Date	1	420	0x0002
74	Last month MD Month	1	421	0x0003
75	Last month MD Year	1	422	0x0014
76	Last month MD Hour	1	423	0x0010
77	Last month MD Minute	1	424	0x0030
78	Last month KVA MD	1	425	0X00C9
79	Last month MD Date	1	426	0x0002
80	Last month MD Month	1	427	0x0003
81	Last month Year	1	428	0x0014
82	Last month MD Hour	1	429	0x0010
83	Last month MD Minute	1	430	0x0030

S.No	Parameter Name	No of word	Parameter Address	Parameter Data
<b>sixth Last Month Billing</b>				
84	Last Month Mains Active Energy KWh	2	495	0X0BC3
85	Last Month Apparent Energy KVAH	2	497	0x0BC4
86	Last month KW MD	1	499	0X00C9
87	Last month MD Date	1	500	0x0002
88	Last month MD Month	1	501	0x0003
89	Last month MD Year	1	502	0x0014
90	Last month MD Hour	1	503	0x0010
91	Last month MD Minute	1	504	0x0030
92	Last month KVA MD	1	505	0X00C9
93	Last month MD Date	1	506	0x0002
94	Last month MD Month	1	507	0x0003
95	Last month Year	1	508	0x0014
96	Last month MD Hour	1	509	0x0010
97	Last month MD Minute	1	510	0x0030
<b>CONFIGURATION PARAMETRES</b>				
98	Slave Address	1	40121	0x0005
99	Baud Rate	1	40122	0x2580
100	Parity	1	40123	0x0000
101	Stop Bit	1	40124	0x0001
102	CT PRIMARY	1	40125	0x0001
103	CT SECONDRY	1	40126	0x0001
104	PT PRIMARY	1	40127	0x0001
105	PT SECONDRY	1	40128	0x0001

**NOTE: ONLY Slave Address can be read/write. Rest of configuration parameters can be read only**

### Load Survey Data

Present day slot-1	RTC-YY/MM	1	Format : YYMM(BCD)	1001
	RTC-DATE/DAY	1	Format : DTDY(BCD)	1002
	RTC- HOURS/MINUTE	1	Format : HHMM (BCD)	1003
	RTC- SECOND	1	Format : SSOO (BCD)	1004
	CUMULATIVE ENERGY - kWh	1		1005
	SPARE			1006
	SPARE			1007
	SPARE			1008
	SPARE			1009
	SPARE			1010
Present day slot-2	RTC-YY/MM	1	Format : YYMM(BCD)	1011
	RTC-DATE/DAY	1	Format : DTDY(BCD)	1012
	RTC- HOURS/MINUTE	1	Format : HHMM (BCD)	1013
	RTC- SECOND	1	Format : SSOO (BCD)	1014
	CUMULATIVE ENERGY - kWh	1		1015
	SPARE			1016
	SPARE			1017
	SPARE			1018
	SPARE			1019
	SPARE			1020
Day 1 Slot - 48				1481
Day 2 Slot - 48				1961
Day 3 Slot - 48				2441
Day 4 Slot -				2921

48				
Day 5 Slot - 48				3401