ANNEXURE-VOL-2.7

Instantaneous Data:-

1	**Indian Standard Class B Net Meter**	Boundary Meters, Bank Meter, Ring Facing, ABT Meters		
		Description	Register Address	Data Type
1	RTC- YY/MM	Format : YYMM (BCD)	40001	UINT
2	RTC- DATE/DAY	Format : DTDY (BCD)	40002	UINT
3	RTC- HOURS/MINUTE	Format : HHMM (BCD)	40003	UINT
4	RTC- SECOND	Format : SSOO (BCD)	40004	UINT
5	CURRENT - IR		40005	LONG INVERSE
6	CURRENT - IY		40007	LONG INVERSE
7	CURRENT - IB		40009	LONG INVERSE
8	VOLTAGE - VRN		40011	LONG INVERSE
9	VOLTAGE - VYN		40013	LONG INVERSE
10	VOLTAGE - VBN		40015	LONG INVERSE
11	VOLTAGE - RY		40017	LONG INVERSE
12	VOLTAGE - YB		40019	LONG INVERSE
13	VOLTAGE - BR		40021	LONG INVERSE
14	SIGNED POWER FACTOR - R		40023	LONG INVERSE
15	SIGNED POWER FACTOR - Y		40025	LONG INVERSE
16	SIGNED POWER FACTOR - B		40027	LONG INVERSE
17	SIGNED POWER FACTOR - THREE PHASE		40029	LONG INVERSE
18	FREQEUNCY		40031	LONG INVERSE
19	ACTIVE POWER - R		40033	LONG INVERSE
20	ACTIVE POWER - Y		40035	LONG INVERSE
21	ACTIVE POWER - B		40037	LONG INVERSE
22	TOTAL ACTIVE POWER		40039	LONG INVERSE
23	REACTIVE POWER - R		40041	LONG INVERSE
24	REACTIVE POWER - Y		40043	LONG INVERSE
25	REACTIVE POWER - B		40045	LONG INVERSE
26	TOTAL REACTIVE POWER		40047	LONG INVERSE
27	APPARENT POWER - R		40049	LONG INVERSE
28	APPARENT POWER - Y		40051	LONG INVERSE
29	APPARENT POWER - B		40053	LONG INVERSE
30	TOTAL APPARENT POWER		40055	LONG INVERSE
31	CUMULATIVE ENERGY - kWh (Net)		40057	LONG INVERSE
32	CUMULATIVE ENERGY - kWh (Import)		40059	LONG INVERSE
33	CUMULATIVE ENERGY - kWh (Export)		40061	LONG INVERSE
34	CUMULATIVE ENERGY - kVAh (Net)		40063	LONG INVERSE

35	CUMULATIVE ENERGY - kVAh (Import)		40065	LONG INVERSE
36	CUMULATIVE ENERGY - kVAh (Export)		40067	LONG INVERSE
37	SPARE REGISTER ADDRESSES		40069-40099	
38	RMD in Import KW		40069	LONG INVERSE
39	RMD in Export KW		40071	LONG INVERSE
40	Power Fail (min)		40072	LONG INVERSE
	CONFIGRUATION			
1	SLAVE ADDRESS		40121	UINT
2	BAUDRATE	1--> 300, 2--> 600, 3-->1200, 4-->2400, 5-->4800, 6-->9600	40122	UINT
3	PARITY	0 --> None, 1 --> Odd, 2 --> Even	40123	UINT
4	STOPBIT		40124	UINT
5	CT PRIMARY		40125	UINT
6	CT SECONDARY		40126	UINT
7	PT PRIMARY		40127	UINT
8	PT SECONDARY		40128	UINT

Load Survey Data:-

1	**Indian Standard Class B Net Meter**	Boundary Meters, Bank Meter, Ring Facing, ABT Meters	
		Average of 15 minutes in V, I, kW	
		Consumption of 15 minutes in Energy	
			Holding Register(4-)
			Register Address can go Up to FFFF = 65535
PRESENT DAY SLOT-1	RTC- YY/MM	Format : YYMM (BCD)	1001
	RTC- DATE/DAY	Format : DTDY (BCD)	1002
	RTC- HOURS/MINUTE	Format : HHMM (BCD)	1003
	RTC- SECOND	Format : SSOO (BCD)	1004
	VOLTAGE - VRN		1005
	VOLTAGE - VYN		1007
	VOLTAGE - VBN		1009
	FREQEUNCY		1011
	CUMULATIVE ENERGY - kWh (Net)		1013
	CUMULATIVE ENERGY - kWh		1015

	(Import)		
	CUMULATIVE ENERGY - kWh (Export)		1017
	CUMULATIVE ENERGY - kVARh (Q1)		1019
	CUMULATIVE ENERGY - kVARh (Q2)		1021
	CUMULATIVE ENERGY - kVARh (Q3)		1023
	CUMULATIVE ENERGY - kVARh (Q4)		1025
	SPARE		1027
	SPARE		1029
	SPARE		1031
	SPARE		1033
	SPARE		1035
	SPARE		1037
	SPARE		1039
PRESENT DAY SLOT-2	RTC- YY/MM	Format : YYMM (BCD)	1040
	RTC- DATE/DAY	Format : DTDY (BCD)	1041
	RTC- HOURS/MINUTE	Format : HHMM (BCD)	1042
	RTC- SECOND	Format : SSOO (BCD)	1043
	VOLTAGE - VRN		1044
	VOLTAGE - VYN		1046
	VOLTAGE - VBN		1048
	FREQEUNCY		1050
	CUMULATIVE ENERGY - kWh (Net)		1052
	CUMULATIVE ENERGY - kWh (Import)		1054
	CUMULATIVE ENERGY - kWh (Export)		1056
	CUMULATIVE ENERGY - kVARh (Q1)		1058
	CUMULATIVE ENERGY - kVARh (Q2)		1060
	CUMULATIVE ENERGY - kVARh (Q3)		1062
	CUMULATIVE ENERGY - kVARh (Q4)		1064
	SPARE		1066
	SPARE		1068
	SPARE		1070
	SPARE		1072
	SPARE		1074
	SPARE		1076
	SPARE		1078

Day 1 Slot -96			4840
Day 2 Slot - 96			8680
Day 3 Slot - 96			12520
Day 4 Slot - 96			16360
Day 5 Slot -96			20200