

JTL KILOWATT HOUR MONITOR ITEM NUMBERS					ECPR	
ITEM	DESCRIPTION	CODE	CODE MEANING	BIT	RANGE	ITEM 9 VALUE
				4321		
0	Unit type	ECPr	Unit type			
6	Communications speed	4800 600	Baud rate Baud rate			
8	Bitswitch setting					
9	Set default values selected by Bitswitch				0 - 1	
PROCESSOR ALARMS						
10	Processor alarms (11-17)	0 1-255	No alarms Check 11-17			
11	Static RAM Fault	CLr rA.Ft	No fault Fault			
12	Program/counter fault	CLr PC.Ft	No fault Fault			
13	Stack pointer fault	CLr SP.Ft	No fault Fault			
14	Background loop fault	CLr bL.Ft	No fault Fault			
15	PROM checksum fault	CLr Pr.Ft	No fault Fault			
16	NVRAM fault	CLr n.Ft	No fault Fault			
17	Instruction TRAP fault	CLr tP.Ft	No fault Fault			
MISCELLANEOUS DATA						
19	Software Version number					

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				4321		
METER 1 DATA						
20	Unit number				0.0 - 899.9	
METER 1 POWER DATA (in kW/kWh as defined by item 40)						
21	Average kW over the last 15 minutes					
22	Average kW over the last hour					
23	Average kW over the last 24 hours					
24	Total power usage over the last 24 hours (kWh)					
25	Current kW (Average over last minute)					
26	Total kWh (least significant 4 digits, xxxx000.0 - xxxx999.9)					
27	Total kWh (most significant 4 digits, 0000xxx.x - 9999xxx.x)					
28	Current maximum demand (kWh per 30 minute period)					
29	Peak maximum demand (kWh per 30 minute period)					

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METER 2 DATA						
30	Unit number				0.0 - 899.9	
METER 2 POWER DATA (in kW/kWh as defined by item 40)						
31	Average kW over the last 15 minutes					
32	Average kW over the last hour					
33	Average kW over the last 24 hours					
34	Total power usage over the last 24 hours (kWh)					
35	Current kW (Average over last minute)					
36	Total kWh (least significant 4 digits, xxxx000.0 - xxxx999.9)					
37	Total kWh (most significant 4 digits, 0000xxx.x - 9999xxx.x)					
38	Current maximum demand (kWh per 30 minute period)					
39	Peak maximum demand (kWh per 30 minute period)					
kWh SETTINGS						
40	kWh measured per pulse on IP1				0.1 - 25.0	1.0
41	kWh measured per pulse on IP2				0.1 - 25.0	1.0

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INPUTS						
71	Meter 1 pulse input (IP1)	OFF IP1	Contacts open Contacts closed			
72	Meter 2 pulse input (IP2)	OFF IP2	Contacts open Contacts closed			
SYSTEM ALARMS						
80	Group alarm 81-88	0 1-255	No alarms Check 81-88			
88	Unit number corrupted/not set	CLr Un.CF	No fault Fault			
MISCELLANEOUS DATA						
89	Thermistor excitation value (Factory set)		Not used			
UTILITY						
99	Test digital display	CLr SEt	Not active Test active		0 - 1	

BITSWITCH SETTINGS

Bitswitches are not fitted to ECPR.
Use **ITEM 9** to set the default values.

DISPLAY DATA		ECPR
NORMAL DISPLAY		
--	Display data error.	
OTHER TEXT		
JTL	Start-up message	
Ch.1	Current kW measured by meter 1 follows this text	
Ch.2	Current kW measured by meter 2 follows this text	