

New South Wales – reading your Q4 CT/WC IMP/EXP meter

March 2011

National Metering and Data

For meter programs:

Current transformer	Whole current
CE_Q4 NSW IMP EXP CT 1200 2441_1	CE_Q4 NSW IMP EXP WC 1200 2431_1
CE_Q4 NSW IMP EXP CT 9600 2449_1	CE_Q4 NSW IMP EXP WC 9600 2439_1
CE_Q4 NSW IMP EXP CT GATEWAY 2448_1	CE_Q4 NSW IMP EXP WC GATEWAY 2438_1
CE_Q4 NSW IMP CT Gateway Volts 2468_1	CE_Q4 NSW IMP WC GATEWAY + Volts 2458_1
CE_Q4 NSW IMP CT + Volts 9600 2469_1	CE_Q4 NSW IMP WC + Volts 9600 2459_1
CE_Q4 NSW IMP CT + Volts 1200 2461_1	CE_Q4 NSW IMP WC + Volts 1200 2451_1

NMI: _____

Meter number: _____

CT multiplier (if applicable) K= _____

WC multiplier K=1

Display items

	Description	ID	Normal
	Display Test	888	
	Program File ID	009	
	Current Date	012	
	Current Time	013	
	Register 1 Energy Total is Import from Network	016	
	Register 3 Energy Total Export Back to Network	017	
	Instantaneous PF, all phases	020	
	Register 1 Energy Rate A Import	022	
	Register 3 Energy Rate A Export	023	
	Register 1 Energy Rate B Import	024	
	Register 3 Energy Rate B Export	025	
	Register 1 Energy Rate C Import	026	
	Register 3 Energy Rate C Export	027	
	Register 1 Demand Max Rate A	054	
	Register 2 Demand Max Rate A	056	
	Register 1 Demand Max Rate B	058	
	Register 2 Demand Max Rate B	060	
	Register 1 Demand Max Rate C	062	
	Register 2 Demand Max Rate C	064	
	Register 1 Energy Previous Billing 1	116	
	Register 3 Energy Previous Billing 1	117	
	Register 1 Energy Previous Billing 1 Rate A	122	
	Register 3 Energy Previous Billing 1 Rate A	123	
	Register 1 Energy Previous Billing 1 Rate B	124	
	Register 3 Energy Previous Billing 1 Rate B	125	
	Register 1 Energy Previous Billing 1 Rate C	126	
	Register 3 Energy Previous Billing 1 Rate C	127	
	Register 1 Demand Previous Billing 1 Max Rate A	154	
	Register 2 Demand Previous Billing 1 Max Rate A	156	
	Register 1 Demand Previous Billing 1 Max Rate B	158	
	Register 2 Demand Previous Billing 1 Max Rate B	160	
	Register 1 Demand Previous Billing 1 Max Rate C	162	
	Register 2 Demand Previous Billing 1 Max Rate C	164	

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Web: <http://www.nmdata.com.au/>

	Description	ID	Normal
*	System error flags (Er_xxxxxx)	200	
*	System warning flags (F__xxxxxx)	201	
*	Current season	202	
*	Date of last calibration	203	
*	Date of last modification	204	
*	Date of last reprogramming	205	
*	Cumulative pulse count	206	
*	Instantaneous voltage, phase A	991	
*	Instantaneous voltage, phase B	992	
*	Instantaneous voltage, phase C	993	
*	Instantaneous current, phase A	994	
*	Instantaneous current, phase B	995	
*	Instantaneous current, phase C	996	
*	Instantaneous Power Factor, phase A	997	
*	Instantaneous Power Factor, phase B	998	
*	Instantaneous Power Factor, phase C	999	

Current monthly readings

ID 022 and 122 is Peak kWh (07:00 – 09:00 and 17:00 – 20:00 weekdays) Rate A

ID 024 and 124 is Shoulder kWh (09:00 – 17:00 and 20:00 – 22:00) Rate B

ID 026 and 126 is Off Peak kWh (22:00 – 07:00 and all day weekends) Rate C

Note A: To calculate the Total Import from Network is: $016 = 022 + 024 + 026$

To calculate the Total Export Back to Network is: $017 = 023 + 025 + 027$

Note B: Please note IDs marked with an asterisk * are for CT Program File Ids marked above.

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