

Website: www.energyaction.com.au

ELECTRICITY SUMMARY REPORT

For further information please phone Joel Manning on 02 6251 8100

NMI: NEEE005363-0

Report Month: November 2011

The Trustee for O'Connor Family Trust
 Shop 6, 57 Windsor Road
 Rouse Hill NSW 2155

Rate Type: Demand
 Unit Code: kVA

ENERGY USAGE SUMMARY (kWh)		GREENHOUSE GAS EMISSIONS (Tonnes)		INDICATIVE BILL SUMMARY	
Peak:	6,847.90	Emission Factor:	0.89	Retail:	\$2,642.05
Shoulder:	14,378.36	CO2 Emissions:	34.98	Network:	\$3,070.83
Off Peak:	18,072.12	Input Credits:	0.00	Market:	\$380.62
Total Usage:	39,298.38	Total Emissions:	34.98	Total:	\$6,093.50

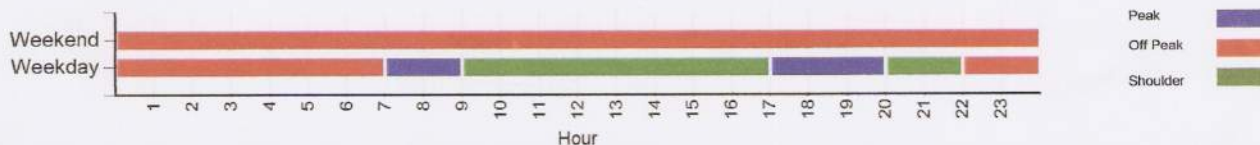
DAILY ENERGY CONSUMPTION



DEMAND SUMMARY

Highest Actual Metered Demand:	107.431 kVA (20/11/2011 11:30:00 AM EST)	Power Factor @ Billed Demand:	0.880
Power Factor @ Highest Demand:	0.909	Average Load:	60.632 kVA
Peak Billed Demand:	103.890 kVA	Load Factor:	55.87 %

RETAIL TIME OF USE PERIODS (AS PER CONTRACT)



Tip: Do the energy consumption summary and indicative bill summary values match your bill? If not it is possible you are being billed incorrectly. If you have any concerns relating to your electricity bill please forward your enquiry along with a copy of the recent bill to techsupport@energyaction.com.au or fax to (02) 9475 0954 attention Bill Validation.

Transmission Loss Factor: **0.9994** Distribution Loss Factor: **1.0585**

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ENERGY USAGE HISTORY

Period	Peak kWh	Shoulder kWh	Off Peak kWh	Total kWh	Max Daily kWh	Ave Daily kWh	Days Metered
August 2011	1,919.90	3,789.00	4,204.00	9,912.90	1,145.40	1,101.43	9/31
September 2011	3,795.87	8,244.24	8,634.08	20,674.20	1,289.53	1,148.57	18/30
October 2011	5,799.74	12,327.00	18,427.73	36,554.47	1,394.04	1,179.18	31/31
November 2011	6,847.90	14,378.36	18,072.12	39,298.38	1,477.16	1,309.95	30/30
Annual Total	18,363.41	38,738.60	49,337.94	106,439.95	1,477.16	1,209.54	88/122

ENERGY COST HISTORY

Period	Retail \$	Network \$	Market \$	Total \$	Ave c/kWh	Days Metered
August 2011	\$2,344.43	\$2,522.08	\$388.54	\$5,255.05	15.39	9/31
September 2011	\$2,376.76	\$2,935.94	\$377.06	\$5,689.76	16.51	18/30
October 2011	\$2,391.56	\$2,926.70	\$390.32	\$5,708.58	15.62	31/31
November 2011	\$2,642.05	\$3,070.83	\$380.62	\$6,093.50	15.51	30/30
Annual Total	\$9,754.80	\$11,455.55	\$1,536.54	\$22,746.89	15.41	88/122

EMISSIONS HISTORY

Period	Tonnes CO2	Input Credit Tonnes	Total Tonnes CO2	Average Daily Tonnes	Emissions Coefficient
August 2011	8.82	0.00	8.82	0.28	0.89
September 2011	18.40	0.00	18.40	0.61	0.89
October 2011	32.53	0.00	32.53	1.05	0.89
November 2011	34.98	0.00	34.98	1.17	0.89
Annual Total	94.73	0.00	94.73	0.78	0.89

Tip:
How is your energy consumption and costs tracking? Do you have concerns about abnormal increases in either or both that cannot be explained? Supporting this report is a team of energy specialists with access to your raw half hourly energy consumption, contract rates and all other information relevant to your electricity supply. If you would like to discuss any aspect of your energy supply ranging from consumption and billing variations to voltage fluctuations and energy reduction please contact your Corporate Sales Representative (listed top right of this report)

Transmission Loss Factor: **0.9994** Distribution Loss Factor: **1.0585**

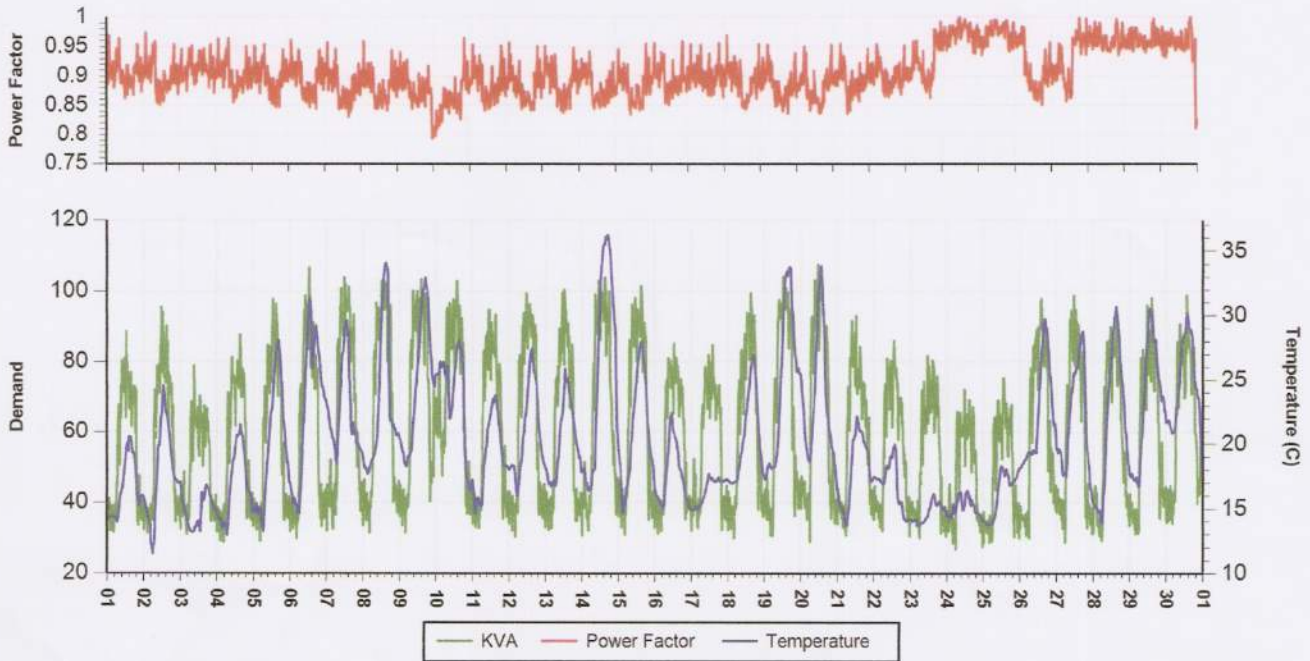
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LOAD PROFILE



* Substitution Data shown in Orange. ** Gaps in temperature appear when no temperature data provided for local area for time interval.

WEATHER STATION DETAILS

Weather Station: Prospect Dam (HORSLEY PARK EQUESTRIAN CENTRE AWS)
 Distance from Supply Point: 18.05 kms Supply Point geolocation map accuracy: Street Address

DEMAND HISTORY (kVA)

Period	Metered Max Dem	Time of Max Dem	PF at Max Dem	Billed Dem	Time Billed Dem	PF at Billed Dem
October 2011	104.427	24/10/2011 12:30:00 PM EST	0.879	102.799	21/10/2011 2:15:00 PM EST	0.898
November 2011	107.431	20/11/2011 11:30:00 AM EST	0.909	103.890	14/11/2011 3:15:00 PM EST	0.880

Learn More
 Energy Action is able to provide a diverse range of specialist services to assist in reducing your energy consumption, spend and carbon footprint. These include level 1, 2 and 3 Australian Standard Energy Audits, NABERS Assessments, Energy Efficiency Training, Specialised Reporting, Sub Metering and Onsite Co-Generation projects to list a few. If you would like to know more about how Energy Action can assist you with your energy efficiency needs please contact your Corporate Sales Representative (listed top right of this report)

Transmission Loss Factor: **0.9994** Distribution Loss Factor: **1.0585**



25th November 2011

Mr. Terry O'Connor
Owner / Manager Franklins Rouse Hill
PO Box 3277
Rouse Hill NSW 2155

Dear Terry

Firstly on behalf of (Energyawarenessco2 – EACO2) we would like to thank you for the opportunity for the install of the **CELEC** Power Correction Unit.

I am pleased to submit 'real' data in relation to the operations of your site. Also attached is a Before and After Statement in relation to the data tested.

The information supplied is based on the install of the **CELEC** Power Correction Unit and the data for ease of understanding has been converted into an average and percentage (%).

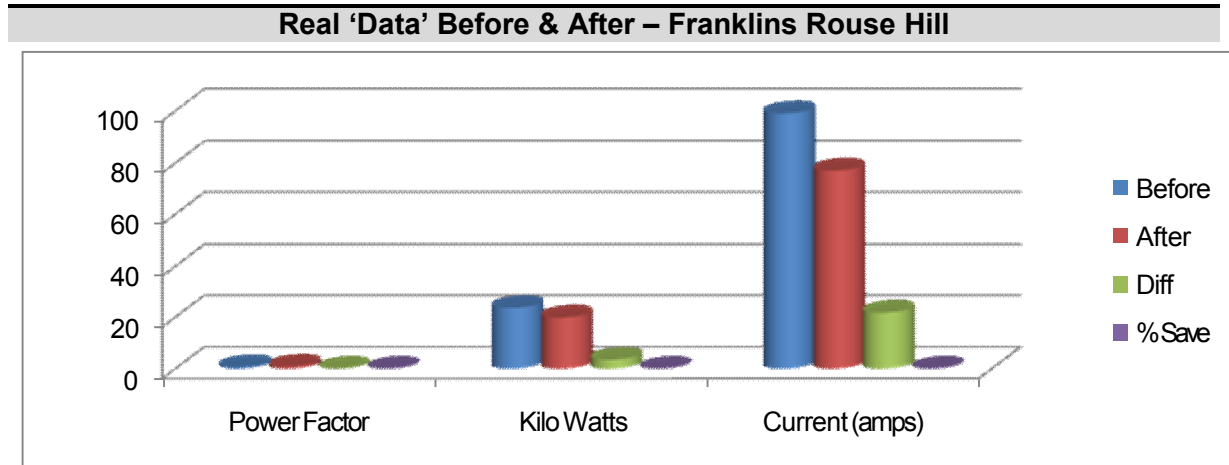


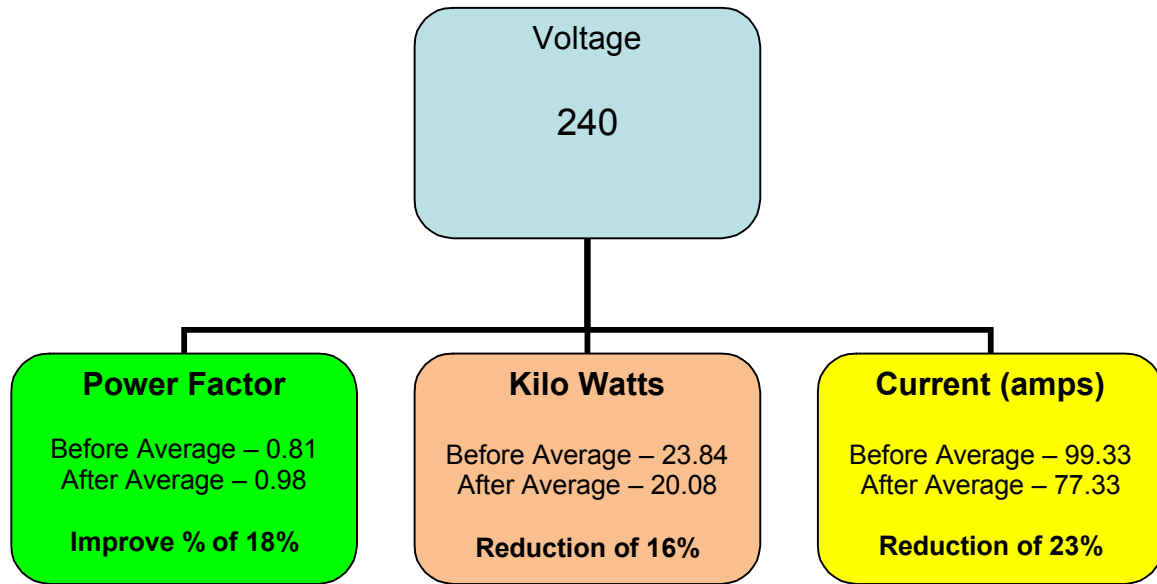
Figure 1 Franklins Rouse Hill - Technical Data – 24th November 2011

The graph above outlines the operational 'data' obtained before and after the install of the **CELEC** Power Correction Unit.

Across all fields tested there was an average save of **19%** on your operational usage and more importantly your operational energy costs.



'Data' Break Down and Operational Savings



As you can see by the above figures there is a reduction in Kilo Watts and Current (amps) and an improvement in your Power Factor on site.

An average reduction of **19.5%** AMPS and Kilo Watts, this is what you are charged on in relation to electricity billing.

In addition to that the **CELEC** Power Correction Unit improved your onsite Power Factor by **18%**.

Conclusion

I look forward to working closely with you in the future as **'your energy saving specialists'** in our pursuit to reduce the dangerously high *greenhouse gas emissions* in our environment with cost savings to you.

We at EACO2 look forward to the business opportunity and should you require any additional information please do not hesitate to contact.

Kind regards

Craig Izzard

Director

ENERGYawarenessCO2

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YOUR ENERGY SAVING SPECIALISTS



ENERGY BEFORE & AFTER READINGS

Celec - Power Correction Unit

Client :-

Franklins – Rouse Hill

Readings AMPS

Total +
% Diff

Date Installed	Before Install	A phase	B phase	C phase	% Diff
24 th November 2011	Power Factor	0.80	0.81	0.83	*
	Kilo Watts	22.56	23.76	25.20	*
	Current (amps)	94	99	105	*
	After Install	A phase	B phase	C phase	% Diff
	Power Factor	0.98	0.99	0.99	18% improve
	Kilo Watts	18	18.48	23.76	16% reduction
	Current (amps)	75	77	80	23% reduction
Installers name :-					

AVERAGE % SAVE FOR THIS INSTALL IS – 19%