

March 2012 Report

Testing conducted to IEC 61724 at the Kortright PVPV test facility in Woodbridge, ON.
(43.832561,-79.588013)

Reporting Period: March 1st to March 31st, 2012

Ambient Temperature High:	28.2°C
Ambient Temperature Low:	-16.0°C
Ave. Ambient Temperature	6.1°C
Ave. Wind Speed:	1.91 m/s
Peak Gust:	19.08 m/s
Horizontal Irradiance Sun Hours @ 1000 W/m ² :	3.73/day
Peak Global Horizontal Irradiance:	1093.88 W / m²
Peak Plane of the Array (30 °) irradiance:	1504.92 W / m²

Manufacturer	Model	Cell Type	# of cells	Start date	Manufacturer Rated PMax (W)	Independent PMax (W)	March yield (kWh)	kWh per kW rated (March)	yield to date (kWh)	kWh per kW rated (Jan 1 to Mar 31)
Eclipsall Energy Corp.	NRG 60	Mono	60	Jan 01/12	245	240.9	30.42	124.15	61.80	252.26
Heliene Inc.	HEE300M	Mono	72	Jan 01/12	305	287.9	36.65	120.16	75.28	246.83
OSM Solar Corp.	OS-S250NA3	Mono	60	Jan 01/12	250	243.0	30.53	122.12	62.49	249.94
Silfab Ontario Inc.	SLA250M3 A	Mono	60	Jan 01/12	250	242.4	30.85	123.40	62.81	251.24
Solgate Inc.	SG 255M	Mono	60	Jan 01/12	255	239.5	31.54	123.70	64.44	252.72

Energy Yield Data can only be properly assessed with a full year's worth of data. This report offers preliminary data only and is not intended in anyway, to serve as a modeling input or energy yield prediction for existing or proposed PV installations. TRCA will not be held liable for decisions made by system designers or installers; and does not recommend information contained in this report to be used exclusively for the design of any PV system.

* All module data shown is based on average values of three modules under test.

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