

November 2012 Report

Testing conducted to IEC 61724 at the Kortright PVPV test facility in Woodbridge, ON.

(43.832561,-79.588013)

Reporting Period: November 1st to November 30th, 2012

Ambient Temperature High:	19.7C
Ambient Temperature Low:	-7.0°C
Ave. Ambient Temperature	2.3°C
Ave. Wind Speed:	1.21 m/s
Peak Gust:	14.59 m/s
Horizontal Irradiance Sun Hours @ 1000 W/m ² :	1.84/day
Peak Global Horizontal Irradiance:	869 W / m²
Peak Plane of the Array (30 °) irradiance:	1232 W / m²

Manufacturer	Model	Cell Type	# of cells	Start date	Manufacturer Rated PMax (W)	Independent PMax (W)	Nov. yield (kWh)	kWh per kW rated (Nov.)	yield to date (kWh)	kWh per kW rated (Jan 1 to Nov 30)
Eclipsall Energy Corp.	NRG 60	Mono	60	Jan 01/12	245	240.9	15.17	61.90	312.88	1277.06
Heliene Inc.	HEE300M	Mono	72	Jan 01/12	305	287.9	18.27	59.92	377.23	1236.81
OSM Solar Corp.	OS-S250NA3	Mono	60	Jan 01/12	250	243.0	15.33	61.33	314.33	1257.33
Silfab Ontario Inc.	SLA250M3 A	Mono	60	Jan 01/12	250	242.4	15.47	61.86	316.43	1265.71
Solgate Inc.	SG 255M	Mono	60	Jan 01/12	255	239.5	15.90	62.35	323.94	1270.35

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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