

STARDUST SOLAR

Clean energy solutions for your home, cottage, and business.

Client	
Date	

Site Information	
Requested Location	119-5589 Byrne Rd, Burnaby, BC V5J 3J1
Area Available	1000 + ft ² (Less Obstructions)
Annual Average Solar Radiation	3.81 kWh/m ² /day
Summer Average Solar Radiation	6.25 kWh/m ² /day
Winter Average Solar Radiation	1.65 kWh/m ² /day

System Information	
System Size	6.1 kW DC
Number of Panels	20 x 305W
Annual Average Energy Output	6588 kWh
Summer Average Energy Output	2600 kWh
Winter Average Energy Output	675 kWh
Estimated Cost	\$17,950.00 + tax



Monthly System Output and Energy value		
Month	System Output (kWh)	Solar Radiation (kWh/m ² /day)
January	173.55	1.10
February	316.01	2.20
March	475.29	3.07
April	722.46	4.95
May	843.92	5.81
June	843.85	6.14
July	917.03	6.56
August	860.44	6.10
September	644.32	4.62
October	393.05	2.62
November	211.52	1.38
December	187.04	1.17
Annual (Total)	6588.48	3.81 (average)

*Based on \$0.1/kWh electrical utility cost. Complex utility rates and financing can significantly impact the energy value.

Caution: Photovoltaic system performance estimates calculated by Stardust Solar Technologies Inc. include many inherent assumptions and uncertainties and do not portray variations between PV technologies nor site characteristics. For example, solar panels with better performance are not differentiated from lesser performing modules. Similarly, the "Value" column simply multiplies the utility-average electricity price by production. Complex utility rates and financing can significantly impact the energy value.