

Table 3. PV module electrical measurements recorded during Sloped Roof collector testing.

Test no.	Date	V _{oc} (V)	V _{sc} (mV)	I _{sc} (A)	V _{14.5v} (V)	I (A)	V _{15v} (V)	I (A)	T _{panel} (°C)	Irradiance (W/m ²)
1	2003-Sep-08	14.48	9.90	2.97	14.50	0.00			101.3	887
2	2003-Sep-09	14.83	10.00	3.00	14.50	0.40			96.5	895
3	2003-Sep-09	15.34	9.80	2.94	14.50	0.95			89.4	897
4	2003-Sep-10	16.21	9.58	2.87	14.50	1.71			77.7	893
5	2003-Sep-10	15.62	9.64	2.89	14.50	1.20	15.00	0.72	85.6	896
6	2003-Sep-10	15.32	9.60	2.88	14.50	0.91			89.8	897

V_{oc}: PV panel open circuit voltage (V)

V_{sc}: PV panel voltage at near-short-circuit conditions (mV)

I_{sc}: PV panel circuit current at near-short-circuit conditions (A)

I: PV panel current for panel voltage set-point of 14.5 or 15 V (A)

T_{panel}: Temperature measured on back surface of PV panel (°C)