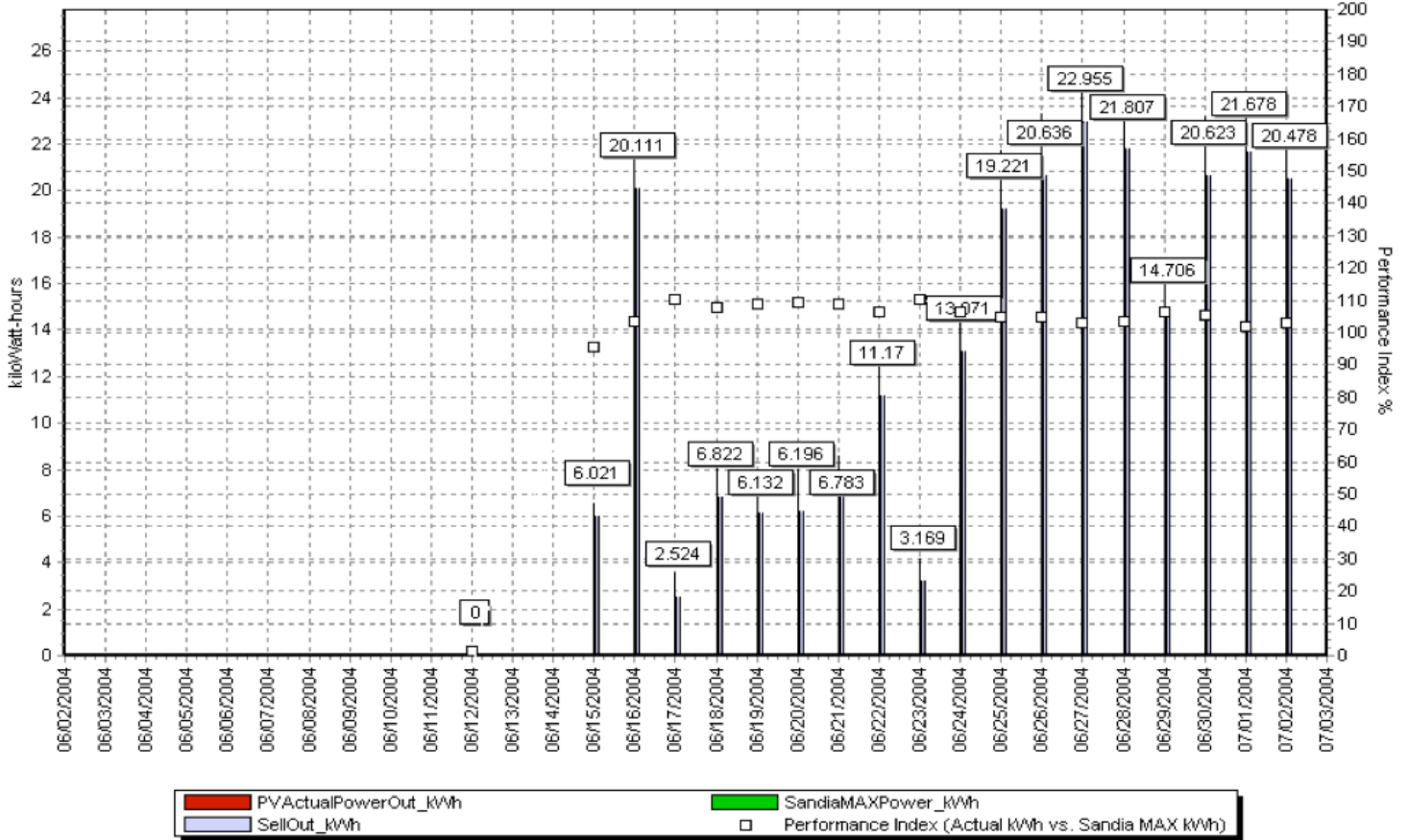


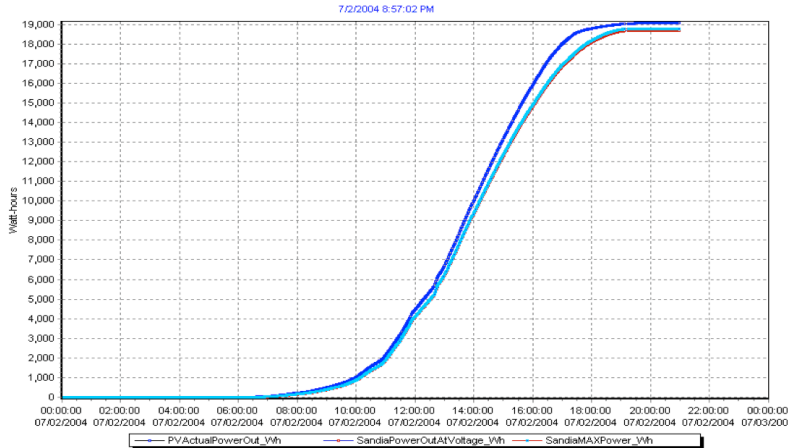
**Daily Energy Output:** as seen from 3.8 kW monocrystalline rooftop solar for June/July 2004. Note that daily production varies considerably depending on whether it's overcast, as seen the first week – or sunny as in the second week. An average, is say, 14 kWh/day in June/July. These data were gathered after a 1<sup>st</sup> monitoring system was installed in mid-June of 2004.

Last 30 Days Energy Production For the 24 Hours Ending on Each Date



**Total Energy Performance for July 3:** here 19 kWh is made over a sample day (July 3<sup>rd</sup> 2004): the day's hourly generation curve matches very well with a Time of Use (TOU) metering that gives most benefits between roughly 11 am when power ramps — and 6 pm when it wanes.

Energy Performance: 07/02/2004 00:00 to 07/03/2004 00:00

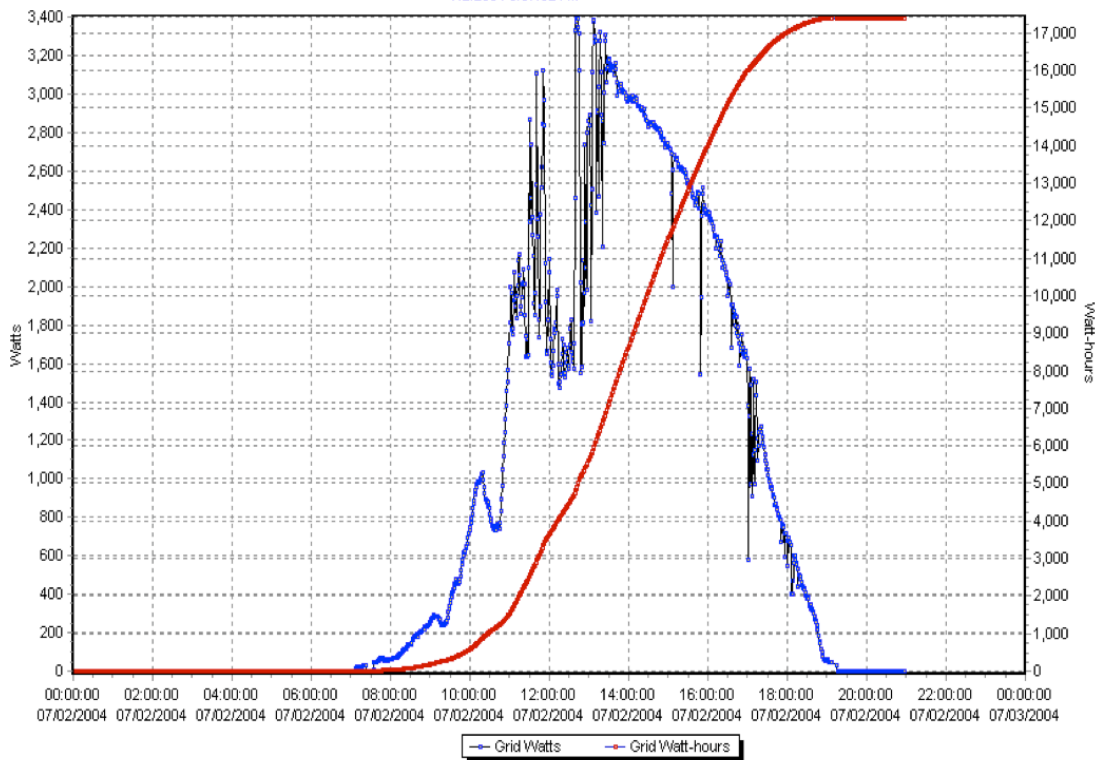




**Power to Grid:** Superimposing live output over the course of the Day in Watts, atop this same day's total cumulative output helps visually demonstrate the additive output of PV.

Power and Energy to Grid: 07/02/2004 00:00 to 07/03/2004 00:00

7/2/2004 8:57:02 PM



**Temperature & Pressure at Rooftop PV Panels and Inverter housed in Garage:** As expected a temperature parabola is seen this day for rooftop PV. Opening a garage door at 7 am where the first Inverter is housed causes an interesting brief change of temps and pressure inside.

Temperatures: 07/02/2004 00:00 to 07/03/2004 00:00

7/2/2004 8:57:02 PM

