Case No. 10- 1348-EL-REN
Woodstone Solar Two
Staff Interrogatories – Initial Set

The proposed system Woodstone Solar Two has been modified and it is now a Ground mounted system. I have entered all relevant fields that need to be altered to record that change below.

G.1. For the resource or technology you identify in Sections G.4 – G.13 below, please provide a written description of the system.

The system is a roof mounted 107.64 kW solar PV system consisting of Schott 230 Watt solar panels.

G.4 _X_ SOLAR PHOTOVOLTAIC

Total PV Capacity (DC): 107.64
Total PV Capacity (AC): 104.4
Expected Capacity Factor: 0.13
Capacity factor is the ratio of the energy produced to the maximum possible at full power, over a given time period. Capacity factor may be calculated using this formula: Projected annual generation (kWh or MWh) ***divided by [****the nameplate capacity (in kW or MW)* ***times*** *8760****]***

Anticipated annual output in kWh/yr: 126,000
Location of the PV array: __ Roof _X_ Ground __ Other
Total number of Modules and/or size of the array: **468 Schott Poly 225 Modules are utilized in the array.**

G.4a PV Modules
For each PV module, provide the following information:

Manufacturer: Schott
Model and Rating: Poly 230 W

I. Facility Information

The nameplate capacity of the entire facility in megawatts (MW): 0.1076 MW

If applicable, what is the expected net heat rate of the facility:
BTU/kWh
Number of Generating Units: 1

I.1 For each generating unit, provide the following information:

In-Service date of each unit	The nameplate capacity of each unit in megawatts (MW)	Projected Annual Generation (MWh)	Expected Annual Capacity Factor %
6/1/2011	0.1076 MW	126	0.13

(To expand the number of rows if more units need to be reported, place your cursor in the bottom right cell and hit tab).

No other information will be altered as a result of the change from ground to roof mount. Below are the answers to the interrogatory with updated information to note the ground mounted system.

Question 1: In Section G.4 please submit the following field that was left blank: Total PV Capacity (AC):

Some power is lost through the inverter as the power changes from DC to AC. If the efficiency of the inverter were 97% and DC capacity were 105.3 kW then the AC capacity would be 101.6 kW x 0.97 = 98.552 kW. If don't know what inverter you will use and therefore don't know what the inverter efficiency will be then tell us that in your response.

Answer 1: The AC Rating of the Facility is 104.4 kW

Question 2: From Section G.4 please fill out the following:

Total number of Modules and/or size of the array: 468 Schott Poly 225 Modules are utilized in the array.

Question 3: In Section G.4 projected annual generation was listed as 115,000 kWh and section I.1 projected annual generation (MWh) is listed as 115,000. If the projected annual generation in G.4 is correct then the projected annual

generation (MWh) in section I.1 would be 115. Please submit the correct projected annual generation (MWh).

Answer 3: The predicted MWh annual generation of the facility is 126 MWh.

Question 4: Please fill out the following part of section K from your application:

In which attribute tracking system are you currently registered or in which do you intend to register ***(the tracking system you identify will be the system the PUCO contacts with your eligibility certification):***

_X_ GATS (Generation Attribute Tracking System)
__ M-RETS (Midwest Renewable Energy Tracking System)

Summary: Reply This document is filed in response to a staff interrogatory from Mark Bellamy electronically filed by Mr. Ted G Rose on behalf of NexGen Energy Partners