Case No. 13-0414-EL-REN
Pickering Associates Phase 1
Staff Interrogatories – Initial Set

Question 1: Section I.a of the application claims that the nameplate capacity of this facility is 19.35 kW, but based on the provided module count (90) and number of watts per module (240 watts) the capacity would be 21.6 kW. Please explain.

Answer 1: The facility has 90 solar panels with a rated output of 240 Watts each. Thus the total rated output of the solar array is 21.6 kW. Each panel has its own microinverter which produces the AC power, and these microinverters have a peak output of 215 Watts each. Thus the total rated output of the system (the interconnected inverters) is 215 Watts x 90 inverters = 19.35 kW. I presumed the nameplate capacity would be the total maximum output of the system, which in this case is 19.35 kW. If you would like me to use the total rated output of the panels I can do so in the future.

Summary: Answer Provided clarification on the facility nameplate capacity. electronically filed by Mr. Charles L Pickering on behalf of Solar Energy Solutions, LLC