

**STATE OF NORTH CAROLINA  
UTILITIES COMMISSION  
RALEIGH**

DOCKET NO. EMP-110, SUB 0

BEFORE THE NORTH CAROLINA UTILITIES COMMISSION

In the Matter of

Application of Sumac Solar, LLC for a	)	
Certificate of Public Convenience and	)	
Necessity to Construct an 80 MW Solar	)	ANNUAL
Facility in Bertie County, North Carolina	)	PROGRESS REPORT

Sumac Solar LLC (“Sumac”) hereby provides the following information required by the Order Requiring Filing of Additional Information issued in this docket on April 4, 2024 (“April 4 Order”). The information provided herein relates to: (1) the estimated cost of the generating plant, interconnection facilities, upgrades, and affected system upgrades required for the facility; (2) LCOT calculations for affected system upgrades; and (3) the date on which the Facility was placed into service or is anticipated to be placed in service.

**1. Cost of Generating Plant**

The estimated cost of constructing the Sumac Solar facility (“the Facility”) is approximately

**2. Cost of Interconnection Facilities**

Based on the most recent estimate provided by PJM, the estimated cost of Interconnection Facilities required for the Facility is \$

### 3. Cost of Network Upgrades

Based on the most recent estimate provided by PJM, the estimated cost of Upgrades required for the Facility is \$ Sumac will not receive reimbursement for any Upgrade costs.

### 4. Cost of Affected System Upgrades

Sumac has been allocated Affected System Upgrade costs of \$150,000, which represents the incremental cost of an upgrade to DEP's Everetts-Greenville transmission line that was triggered by Sumac and other projects in PJM's AD1 cluster.

### 5. Updated LCOT Calculation for Affected System Upgrades

The April 4 Order directs Sumac to:

provide an updated LCOT calculation assuming that the Facility is responsible for all affected system costs necessitated by the facilities in its cluster, regardless of whether any of those costs presently are assigned or allocated to the Facility or to any other facility in the cluster, or whether any facility has a signed ASOA, and using the expected annual generator output in MWh of only the Facility;

The Sumac Solar Facility has a queue position in PJM's AD1 cluster. It is not possible for Sumac to calculate an LCOT for all facilities in the PJM AD1 cluster, which includes projects throughout the PJM territory. However, using only the expected annual output of the Facility, Sumac has calculated an LCOT of \$ /MWh for the Everetts-Greenville project discussed above, which to the best of Macadamia's knowledge is the only Upgrade on DEP's system assigned to projects in the AD1 cluster.

### 6. When the Facility May Be Placed in Service

At this time, Sumac Solar expects to place the Facility into service in June 2028, subject to project development milestones and transmission facilities construction.

Respectfully submitted, this the 6th day of May, 2024.

**FOX ROTHSCHILD LLP**



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