

### **R8-53 MONTHLY POWER PLANT PERFORMANCE REPORT.**

(a) On or before the last day of each month, every public utility providing North Carolina retail electric service shall file a Power Plant Performance Report for the preceding month for review by the Commission, the Public Staff, and any other interested party.

(b) Definitions and methodologies used shall be consistent with the latest revision of North American Electric Reliability Corporation (NERC) Generating Availability Data Systems (GADS) Data Reporting Instructions.

(1) For purposes of subsection (c) of this rule, the performance of generating units or power plants that meet both of the following two conditions (Performance Reporting Plants), shall be reported:

(i) Having a (A) 400 or greater megawatt (MW) Gross Maximum Capacity (GMC) rating for one unit or (B) 600 or greater MW GMC rating for the aggregate of multiple generating units of the same type at a single generation plant, and projected in the most recently filed integrated resource plan or integrated resource plan update (as applicable) to operate at 35% or greater annual Capacity Factor for the most recent 12-month period commencing January 1st of the next calendar year.

(ii) For purposes of this subsection (b)(1)(ii), the determination of the Capacity Factor shall occur on an annual basis after the filing of the integrated resource plan or integrated resource plan update (as applicable) and prior to January 1st of the next calendar year. Once established, the Performance Reporting Plants shall remain unchanged for the entire calendar year.

(2) For purposes of subsection (d) of this rule, the outage information shall be provided for each electric generating unit that is projected in the most recently filed integrated resource plan or integrated resource plan update (as applicable) to operate at 65% or greater annual Capacity Factor for the 12-month period commencing January 1st of the next calendar year (Outage Reporting Plants). For purposes of this subsection (b)(2), the determination of the Capacity Factor shall occur on an annual basis after the September 1st filing of the integrated resource plan or integrated resource plan update (as applicable) and prior to January 1st of the next calendar year. Once established, the Outage Reporting Plants shall remain unchanged for the entire calendar year.

(c) The monthly Power Plant Performance Report shall provide summaries of the generation by each generating unit of all Performance Reporting Plants, with one summary for the reporting month and another summary for the 12-month period ending with the reporting month. The generation summaries for each generating unit of all Performance Reporting Plants shall include the following:

- (1) Gross Dependable Capacity (GDC) or Net Dependable Capacity (NDC) in megawatts (MW);
- (2) Hours in period;
- (3) Total net megawatt hours (MWh) possible in period;
- (4) Net MWh generated during period;
- (5) Capacity factor (as a % of GDC or NDC);
- (6) Equivalent availability (net MWh generation possible in period, less net MWh generation not available in period) divided by net MWh generation possible in period); and
- (7) Heat rate (in BTU per net kWh).

(d) The monthly Power Plant Performance Report shall list each outage during the period for each generating unit of the Outage Reporting Plants. The outage information shall include the following:

- (1) Generating unit affected by outage;
- (2) Date(s) of each outage;
- (3) Duration of each outage;
- (4) Cause of each outage;
- (5) Explanation for cause of outage, if known;
- (6) Remedial action to prevent recurrence of outage, if any; and
- (7) Whether the outage is forced or scheduled, and if scheduled, the classification of the outage.

*(NCUC Docket No. E-100, Sub 47, 5/1/84; NCUC Docket No. M-100, Sub 128, 10/27/99; NCUC Docket No. M-100, Sub 140, 12/03/13; NCUC Docket No. E-100, Sub 172, 5/6/2022.)*