

LEGAL NOTICE NO. 202

REPUBLIC OF TRINIDAD AND TOBAGO

THE REGULATED INDUSTRIES COMMISSION ACT, CHAP. 54:73

ORDER

MADE BY THE CHAIRMAN OF THE REGULATED INDUSTRIES COMMISSION
UNDER SECTION 6(1)(E) OF THE REGULATED INDUSTRIES COMMISSION ACT

THE REGULATED INDUSTRIES COMMISSION
(SUPPLY OF ELECTRICITY) ORDER, 2021

WHEREAS section 6(1)(e) of the Regulated Industries Commission Act ^{Preamble} (hereinafter referred to as “the Act”) provides that the Regulated Industries Commission (hereinafter referred to as “the Commission”) may have and exercise such functions, powers and duties as are imposed on it by this Act and in particular prescribe and publish in the *Gazette* and in at least one daily newspaper circulating in Trinidad and Tobago, standards for services:

And whereas section 6(2) of the Act provides that in the performance of its functions under subsection (1)(e), the Commission shall consult with service providers and representatives of consumer interest groups and any other parties it considers as having an interest in the matters before it:

And whereas the Commission invited public comment in August, 2018 on the document titled “Quality of Service Scheme for Electricity Generating Entities in Trinidad and Tobago” and the Draft Standards contained therein were revised on the basis of the comments received during the consultation process with the Trinidad and Tobago Electricity Commission, the Power Generation Company of Trinidad and Tobago Limited and Trinity Power Limited and other stakeholders with regard to the implementation of the Draft Standards:

Now, therefore, the Commission, in exercise of the powers conferred on it by section 6(1)(e) of the Act, orders as follows:

Citation 1. This Order may be cited as the Regulated Industries Commission (Supply of Electricity) Order, 2021.

Interpretation
Chap. 54:74 2. In this Order, “supply of electricity” means electricity generated and supplied by the service providers which are listed within the First Schedule of the Regulated Industries Commission Act.

Prescription of standards	3. The quality of service standards for the supply of electricity shall consist of the specific reporting requirements for service providers prescribed in clause 4 and the Schedule.
Schedule	
Reporting Requirements	4. A service provider shall, for each quarter of the year, report to the Commission the data specified in the Schedule in the time, manner and form and with such particulars and certification as may be required by the Commission.
Schedule	

SCHEDULE

(Clauses 3 and 4)

QUALITY OF SERVICE STANDARDS FOR THE SUPPLY OF ELECTRICITY
Performance Indicators and Baseline Data

<i>No.</i>	<i>Metric</i>	<i>Description</i>	<i>Unit of Measure</i>
1.	Number of generating units	The total number of generating units that are operated by the power producer for supply to the electricity grid	Number
2.	Type of power plant	For each power plant, indicate the type of prime mover, whether combustion gas turbine (GT), combined cycle power plant (CC), or internal combustion engine (IC); and indicate the main use, whether baseload, load following or peaking power	-
3.	Capacity of Unit	Indicate the nameplate and derated generating capacity of each unit	MW
4.	kWh generated by each unit and operating mode	Indicate the amount of kWh generated and the mode of operation, whether GT, CC or IC	kWh
5.	Fuel type and consumption for each generating unit	Indicate whether natural gas or diesel, and the amount consumed for the reporting period	-
6.	Peak power output	Highest Instantaneous power generated during the reporting period	MW
7.	Unit heat rate	Net heat rate for the generating unit during the reporting period. Formula: <i>(Fuel Flowrate * Higher Heating Value of Fuel) / Net Power Output of unit</i>	kJ/kWh

SCHEDULE—CONTINUED

<i>No.</i>	<i>Metric</i>	<i>Description</i>	<i>Unit of Measure</i>
8.	Station Heat Rates	Net heat rate for the station during the reporting period	kJ/kWh
9.	System heat rate	Overall net heat rate for the generation system of the service provider	kJ/kWh
10.	Capacity factor	The ratio of the actual kilowatt-hours of electricity produced during the reporting period to the maximum possible running full time at rated power. Formula: <i>kWh produced in the period / (Capacity of unit x period hours)</i>	%
11.	Availability Factor	The fraction of the total time that a generating unit is able to produce. It is calculated using the formula: <i>(Available hours / Period hours) x 100</i>	%
12.	Equivalent Availability Factor (EAF)	The fraction of maximum generation that could be provided if limited only by outages and deratings. Formula: <i>{Available hours - (Equivalent derated hours + Equivalent seasonal hours) / Period hours} x 100</i>	%
13.	Equivalent Unplanned Outage Factor (EUOF)	The unplanned outage period, including forced outage and derating, and maintenance outage and derating, as a fraction of the total period. Formula: <i>{(Forced outage hours + equivalent forced derated hours + maintenance outage hours + equivalent maintenance derated hours) / Period hours} x 100</i>	%
14.	Equivalent Forced Outage Factor	The fraction of the reporting period in which a generating unit is not available due to forced outages and forced deratings. Formula: <i>{(Forced outage hours + Equivalent forced derated hours) / Period hours} x 100</i>	%

Dated this 28th day of July, 2021.

D. CALLENDER
Chairman
Regulated Industries Commission