



## **APPLICATION**

**PURSUANT TO SECTION 16  
OF  
THE UTILITIES REGULATION ACT  
CAP. 282 OF THE LAWS OF BARBADOS**

**FOR A REVIEW OF ELECTRICITY RATES**

**VOLUME 2**

**INDEX TO THE BARBADOS LIGHT & POWER COMPANY LIMITED**  
**APPLICATION FOR REVIEW OF ELECTRICITY RATES**

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# VI

























































































































































































































































































































































































































































































































































































































































































# VII

## ACRONYMS & ABBREVIATIONS

### A

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Accum Depr'n ....	Accumulated Depreciation
ACE .....	Area Control Error
ADT .....	Arbitrage Pricing Theory
AFUDC .....	Allowance for funds used during construction
AGA .....	Advanced Grid Analytics
AGC .....	Automatic Generation Control
AMI .....	Automatic Metering Infrastructure
AMPS .....	Ampere
ASAI .....	Average System Availability Index

### B

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BBD/Bds .....	Barbados dollars
BLPC .....	The Barbados Light & Power Company Limited
BNEP .....	The Barbados National Energy Policy
BOP .....	Balance of Plant
BSE .....	Stock Exchange
Btu .....	British thermal unit

### C

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CAIDI .....	Customer Average Interruption Duration Index
CAPM .....	Capital Asset Pricing Model
CaribRM .....	Caribbean Risk Managers Limited
CARILEC .....	Caribbean Electric Utility Services Corporation
CC&B .....	Customer Care & Billing
CEB .....	Clean Energy Bridge
CETR .....	Clean Energy Transition Rider
CDSs .....	Credit Default Swaps
CIS .....	Customer Information Systems
CND .....	Canadian Dollars
CSFR .....	Customer Services Field Representative
CSR .....	Customer Services Representative
Cogen .....	Cogeneration
COS .....	Cost of Service
CPI .....	Consumer Price Index
CT .....	Current Transformer
CWIP .....	Construction work in progress

### D

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DA .....	Distribution Automation
DCF .....	Discounted Cash Flow
DCS .....	Distributed Control Systems
D/E .....	Debt/Equity Ratio
DEM .....	Distribution Equipment Monitoring
Depr .....	Depreciation
DGA .....	Dissolved Gas Analysis
Div .....	Dividend

DMS .....	Distributed Management System
DOS .....	Days of Service
DRS .....	Disaster Recovery Site
DS .....	Domestic Service
DSM .....	Demand Side management

**E**

ECAP .....	Empirical Capital Asset Pricing Model
ECOS .....	Embedded Cost of Service
ECI .....	Emera Caribbean Inc.
EEI .....	Edison Electric Institute
EIA .....	Energy Information Administration
ELPA .....	Electric Light and Power Act
EMP .....	Employee
EPC .....	Engineering Procurement Construction
EPS .....	Earnings per Share
ERP .....	Enterprise Resource Planning
ESIA .....	Environmental and Social Impact
ESD .....	Energy Storage Device

**F**

FASB .....	Financial Accounting Standards Board
FCA .....	Fuel Clause Adjustment
FDIC .....	Federal Deposit Insurance Corporation
FDL .....	Firm Demand Level
FERC .....	Federal Energy Regulatory Commission
FIT .....	Feed-In-Tariff
FTC .....	Fair Trading Commission
FV .....	Fair Value

**G**

GAAP .....	Generally Accepted Accounting Principles
GDP .....	Gross Domestic Product
GEED .....	Government Electrical Engineering Department
GIS .....	Geographic Information System
GoB .....	Government of Barbados
GS .....	General Service
GT .....	Gas turbine
GWh .....	Gigawatthour

**H**

HC .....	Historic Cost
HFO .....	Heavy Fuel Oil
HPS .....	High Pressure Sodium
HSEQ .....	Health Safety Environment & Quality
Hz .....	Hertz (Cycles per second)



**I**


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IAS .....	International Accounting Standards
IASB .....	International Accounting Standards Board
IDC .....	Interest During Construction
IEA .....	International Energy Agency
IED .....	Intelligent Electronic Devices
IEE .....	Institution of Electrical Engineers
IEEE .....	Institute of Electrical and Electronic Engineers Inc
IFRIC .....	International Functional Reporting Interpretations Committee
IFRS .....	International Financial Reporting Standards
IGV .....	Inlet Guide Vane
IMF .....	International Monetary Fund
IPP .....	Independent power producer
IS .....	Interruptible Service
ISR .....	Interruptible Service Rider
ITC .....	Investment Tax Credit

**K**


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kV .....	Kilovolt
kVA .....	Kilovolt ampere
kW .....	Kilowatt
kWh .....	Kilowatthour

**L**


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LED .....	Light Emitting Diode
LoLP .....	Loss of Load Probability
LP .....	Large Power
LRMC .....	Long-run marginal cost
LSD .....	Low speed diesel

**M**


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MAD .....	Monthly Average Demand
Maint .....	Maintenance
Mcf .....	Thousand cubic feet
MCP .....	Monthly Coincident Peak
MDMS .....	Meter Data Management Systems
MESBE .....	Ministry of Energy Small Business and Entrepreneurship
MGE .....	Madison Gas and Electric Company
MID .....	Monthly Interruptible Demand
MSD .....	Medium Speed Diesel
MTC .....	Manufacturing Tax Credit
MW .....	Megawatt
MWD .....	Megawatt-Day
MWh .....	Megawatthour

**N**


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NARUC .....	National Association of Regulatory Utility Commissioners
NASDAQ .....	National Association of Securities Dealers Automated Quotations

NBV .....	Net Book Value
NCP .....	Non-coincident peak
NERA .....	National Economic Research Associates, Inc.
NPV .....	Net Present Value
NYSE .....	New York Stock Exchange

**O**

OEM .....	Original Equipment Manufacturer
OTEC .....	Ocean Thermal Energy Conversion
O&M .....	Operating & Maintenance
OMS .....	Outage Management System

**P**

PB .....	Parsons Brinkerhoff
P/E .....	Price-earnings ratio
PH .....	Phase
PIC .....	Public Information Consultation
PUB .....	Public Utilities Board
PV .....	Photovoltaic

**R**

RE .....	Renewable Energy
RER .....	Renewable Energy Rider
RCN .....	Reproduction Cost New
ROE .....	Return on equity
ROR .....	Rate of return
RPPA .....	Renewable Purchased Power Adjustment
RTO .....	Regional Transmission Organisations

**S**

SAIDI .....	System Average Interruption Duration Index
SAIFI .....	System Average Interruption Frequency Index
SCADA .....	Supervisory Control and Data Acquisition
SEC .....	Securities Exchange Commission
SL .....	Street Lighting
SLEG .....	St. Lucy Energy Gateway
SVP .....	Secondary Voltage Power
SCO .....	Synchronous Condensers

**T**

T&D .....	Transmission & Distribution
TCDPO .....	Town & Country Development Planning Office
TOU .....	Time-of-use (tariff)
Transf .....	Transformer

**U**

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UPS.....	Uninterruptible Power Supply
US of A .....	Uniform System of Accounts
US .....	United States Dollars

**V**

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VAT .....	Value Added Tax
VEC .....	Valued Ecosystem Components

**W**

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WACC .....	Weighted Average Cost of Capital
WDV.....	Written Down Value
WIP .....	Work in Progress
WTE .....	Waste to Energy