ACRONYMS

AA	Adjuster Absorber
AACE	Association for the Advancement of Cost Engineering
Aecon/SNC JV	A joint venture of SNC-Lavalin Nuclear Inc. and Aecon Industrial, a division of Aecon Construction Group Inc.
ACM	Advance Capital Module
ACU	Air Conditioning Unit
AFI	Area For Improvement
AFS	Available For Service
AGC	Automatic Generation Control
AHPS	Advanced Hydrologic Prediction System
AHS	Auxiliary Heating System
AIC	Argument-in-Chief
AIIP	Accelerated Investment Incentive Property
AIP	Annual Incentive Plan
AIR	All Injury Rate
AISC	Asset Investment Screening Committees
ALARA	As Low As Reasonably Achievable
Alstom	Alstom Power Canada Inc.
AL/TC	Air Lock and Transfer Chamber
AMOC	Asset Management Oversight Committee
AOCI	Accumulated Other Comprehensive Income
AON	AON Hewitt
AOV	Air Operated Valve
ARBPRIA	Amended and Restated Bruce Power Refurbishment Implementation Agreement
APM	Adaptive Phase Management
AR	Adjuster Rods
ARC	Asset Retirement Costs
ARO	Asset Retirement Obligation
AS7	Asset Suite 7
AS	Ancillary Services
ASR	Accident Severity Rate
AWE	Average Weekly Earnings
Babcock & Wilcox	Babcock & Wilcox Canada Ltd., with GE-Hitachi Canada and Black & MacDonald as sub-contractors
BAS	Business and Administration Services
BATEA	Best Available Technology Economically Achievable
BCS	Business Case Summary
Blue Ribbon Task Force	Darlington Nuclear Refurbishment Scope Review Panel
BMcD/Modus	Burns & McDonnell Canada Ltd. and Modus Strategic Solutions Canada Company
BOP	Balance of Plant

BPO	Blanket Purchase Order
BPRIA	Bruce Power Refurbishment Implementation Agreement
Bruce	Bruce Power L.P.
BS&IT	Business Services & Information Technology
BSSA	Bruce Site Service Agreement
BT	Business Transformation initiative
BWR	Boiling Water Reactors
BWXT/CANDU JV	BWXT Canada Ltd. (formerly Babcock & Wilcox Canada Ltd) and CANDU Energy Inc.
C&C	Coordination & Control
CAC	Community Advisory Councils
CanAtom	SNC-Lavalin Nuclear Inc. and Aecon Industrial, a division of Aecon Construction Group Inc.
CANDU	Canadian Deuterium Uranium
CBD	Corporate Business Development
CBH	Construction Boilerhouse
CCA	Capital Cost Allowance
CCB	Change Control Board
CCD	Construction Completion Declaration
CCF	Change Control Form
CCGT	Combined Cycle Gas Turbines
CCW	Condenser Cooling Water
CDA	Canadian Dam Association
CEA	Canadian Electrical Association
CEAA	Canadian Environmental Assessment Act
CEO	Chief Executive Officer
CETA	Comprehensive Economic and Trade Agreement
CFEP	Collaborative Front End Planning
CFSI	Counterfeit, Fraudulent, and Sub-standard Items
CFTA	Canadian Free Trade Agreement
CFVS	Containment Filtered Venting System
CGAAP	Canadian Generally Accepted Accounting Principles
CIA	Canadian Institute of Actuaries
CIGAR	Channel Inspection and Gauging Apparatus for Reactors
CM	Cyclical Maintenance
CMSC	Congestion Management Settlement Credits
CNO	Chief Nuclear Officer
CNSC	Canadian Nuclear Safety Commission
CO	Central Operations
Concentric	Concentric Energy Advisors
CPI	Consumer Price Index
CPI	Cost Performance Index
CRA	Canada Revenue Agency
CRVA	Capacity Refurbishment Variance Account
CWIP	Construction Work in Progress

CWP	Comprehensive Work Package
D2O Storage Project	Heavy Water Storage and Drum Handling Facility
D3IP	Darlington Unit 3 Innovations Project
Darlington	Darlington Generating Station
DBFOM	Design, Build, Finance, Operate and Maintain
DC	Direct Current
DC Intertie	Direct Current Transmission
DEC	Darlington Energy Complex
DER	Design Electrical Rating
DESA	Design Engineering Services Agreement
DF	Decommissioning Segregated Fund
DFL	Direct Field Labour
DNNJP	Darlington New Nuclear Project
DOR	Division of Responsibility
DRB	Dispute Review Board
DRC	Depreciation Review Committee
DRP	Darlington Refurbishment Program
DSL	Direct Site Labour
DSO	Dispatch Scheduling Optimizer
DSR	Darlington Scope Request
DTRF	Darlington Tritium Removal Facility
EA	Environmental Assessment
EBIT	Earnings Before Interest and Taxes
EBITDA	Earnings Before Interest Taxes Depreciation and Amortization
ECS	Executive and Corporate Services
EE	Execution Estimate
EFFAA	East Fuelling Facility Auxiliary Area
EFOR	Equivalent Forced Outage Rate
EFPH	Equivalent Full Power Hours
EIS	Environmental Impact Statement
EMS	Environmental Management System
EO	Eastern Operations
EOL	End-of-Life
EPC	Engineering, Procurement, and Construction
EPG	Emergency Power Generator
EPG3	Third Emergency Power Generator
EPI	Environmental Performance Index
EPMO	Enterprise Project Management Office
EPO	Enterprise Projects Organization
EPS	Emergency Power System
EPSCA	Electrical Power Systems Construction Association
ERI	Equipment Reliability Index
ERIS	Energy and Resource Information System
ERO	Emergency Response Organization

ERT	Emergency Response Team
ESESA	Engineering Services and Equipment Supply Agreement
ESESFSA	Engineering Services and Equipment Supply and Field Services Agreement
ESM	Earnings Sharing Mechanism
ESMSA	Extended Services Master Services Agreement
ESSB	Engineering Support Services Building
ESW	Emergency Service Water
ETE	Extended Temporary Employee
ETRM	Energy Trading and Risk Management
EUCG	Electric Utility Cost Group
EVM	Earned Value Management
F&IP	Facility and Infrastructure Projects
FA	Foundation Architecture
FAI	Fukushima Action Items
FCLE	Fuel Channel Life Extension
FC-LMP	Fuel Channel Life Cycle Management Plan
FD	Flux Detectors
FDR	Franklin D. Roosevelt
FEPO	Forced Extension to a Planned Outage
FFO	Funds from Operations
FHERI	Fuel Handling Equipment Reliability Index
FIN	Fix It Now
FLR	Forced Loss Rate
FM	Fuelling Machine
FO	Forced Outage
FOAK	First-of-a Kind
Fosters	Foster Associates, Inc.
4GIRM	Fourth Generation Incentive Rate-setting Mechanism
FRI	Fuel Reliability Index
FSCO	Financial Services Commission of Ontario
FSRA	Financial Services Regulatory Authority of Ontario
FTE	Full-Time Equivalents
Functions	OPG functional support groups
GAAP	Generally Accepted Accounting Principles
GAR	Global Assessment Report
GDP-IPI FDD	Canadian Gross Domestic Product Implicit Price Index – Final Domestic Demand
GE	General Electric
GHNEC	GE-Hitachi Nuclear Energy Canada Inc.
GLERL	Great Lakes Environmental Research Laboratory
GLSHFS	Great Lakes Seasonal Hydrologic Forecast System
Goodnight	Goodnight Consulting Inc.
GRC	Gross Revenue Charges
GS	Generating Station

GST	Goods and Services Tax
Hackett	Hackett Group
Heavy Water Facility	Heavy Water Storage and Drum Handling Facility
HIM	Hydroelectric Incentive Mechanism
HOEP	Hourly Ontario Energy Price
HONI	Hydro One Networks Inc.
HP	High Pressure
HPER	Human Performance Error Rate
HSG	HSG Group Inc.
HST	Harmonized Sales Tax
HTO	Hydro Thermal Operations
HVAC	Heating, Ventilation and Air Conditioning System
IAA	Impact Assessment Act
IC	Ion Chamber
ICAP	Installed Capacity
ICFD	In-Core Flux Detector
ICM	Incremental Capital Module
IDEN	Integrated Digital Enhanced Network
IER	Independent Estimating Review
IESO	Independent Electricity System Operator
IFRS	International Financial Reporting Standards
IIP	Integrated Implementation Plan
IJC	International Joint Commission
ILO-SLRB	International Lake Ontario-St. Lawrence River Board
IMS	Inspection and Maintenance Services
INC	International Niagara Committee
INCW	International Niagara Control Works
INNOVATIVE	Innovative Research Group Inc.
IO	Infrastructure Ontario
IR	Incentive Rate-setting
IRI	Inspection and Reactor Innovation
IRM	Incentive Rate-setting Mechanism
IRP	International Recommended Practice
ISAR	Industrial Safety Accident Rate
ISLRBC	International St. Lawrence River Board of Control
ISO	International Organization of Standardization
ISR	Integrated Safety Review
IT	Information Technology
ITC	Investment Tax Credits
IVA	Interim Variance Account
KgU	Kilogram Uranium
KPI	Key Performance Indicators
L&D	Learning and Development
L&ILW	Low and Intermediate Level Waste
LCV	Level Control Valve

LEAP	Leveraging Enterprise Application Project
LEI	London Economics International LLC
LL	Lessons Learned
LOE	Level of Effort
LPSW	Low Pressure Service Water
LRIA	*Lakes and Rivers Improvement Act*
LTC	Licence to Construct
LTD	Long-term Disability
LTEP	Long Term Energy Plan
LUEC	Levelized Unit Energy Cost
MCF	Master Consolidated File
MCR	Major Component Replacement
MDS	Machine Delivered Scrape
MD&A	Management's Discussion and Analysis
MNRF	Ministry of Natural Resources and Forestry
MOA	Memorandum of Agreement
MOE	Ontario Ministry of Environment
MOU	Memorandum of Understanding
MOV	Motor Operated Valves
MPA	Major Project Advisory
MR	Material Requests
MRP	Market Renewal Program
MUE	Major Unforeseen Event
MTL	Mod Team Leader
MW	Megawatt
MWh	Megawatt hour
NDVA	Nuclear Development Variance Account
NEC	Nuclear Executive Committee
NEO	Northeast Operations
NERC	North American Electric Reliability Corporation
NFOC/MWh	Non Fuel Operating Cost per MWh
NFWA	Nuclear Fuel Waste Act
NHSS	New Horizon System Solutions
NNP	New Nuclear Project
NOAA	National Oceanic and Atmospheric Administration
NOP	Neutron Over-Power
Nordion	Nordion Canada Inc.
NOSS	Nuclear Operations Support and Services
NPA	Niagara Parks Act
NPF	Nuclear Production Forecast
NPI	Nuclear Performance Index
NPR	Nuclear Payment Riders
NSCA	Nuclear Safety and Control Act
NSERC	Natural Sciences and Engineering Research Council of Canada

NTP	Niagara Tunnel Project
NWMO	Nuclear Waste Management Organization
NWO	Northwest Operations
NYPA	New York Power Authority
O. Reg.	Ontario Regulation
OAR	Organizational Authority Register
OCC	Ontario Control Centre
OCT	Ontario Capital Tax
OEB	Ontario Energy Board
OEM	Original Equipment Manufacturer
OEFC	Ontario Electricity Financial Corporation
OM&A	Operations, Maintenance and Administration
ONFA	Ontario Nuclear Funds Agreement
OPA	Ontario Power Authority
OPEB	Other Post-Employment Benefits
OPG	Ontario Power Generation Inc.
OPG Board	The Board of Directors of Ontario Power Generation Inc.
OR	Operating Reserve
OSM	Owner Specified Materials
OSPG	Ottawa - St. Lawrence Plant Group
P&C	People and Culture
P&M	Projects and Modifications
PARTS	Pickering A Return To Service
PBA	Pension Benefits Act (Ontario)
PCA	Plant Condition Assessment
PCC	Project Control Categories
PCCB	Program Change Control Board
PCD	Project Change Directives
PCE	Project Control Elements
PCI	Plant Condition Index
PDPS	Project Detailed Production Schedules
PEP	Project Execution Plan
PEXT	Pickering Extended Operations
PfAD	Provision for Adverse Deviation
PGS	Pump Generating Station
PHT	Primary Heat Transport
PHWR	Pressurized Heavy Water Reactor
PILs	Payments in Lieu of Corporate, Income, and Capital Taxes
PIMS	Program Integrated Master Schedule
PINO	Performance Improvement and Oversight
PIR	Post Implementation Review
PK	Programmable Logic Controller
PMBOK	Project Management Body of Knowledge
PMI	Project Management Institute
PMOC	Program Management Oversight Committee

PMP	Project Management Plan
PMS	Program Milestone Schedule
PMT	Project Management Team
PO	Planned Outage
Program	Darlington Refurbishment Program
Program Charter	Darlington Refurbishment Program Charter
PSR	Periodic Safety Review
PSRB	Project Scope Review Board
PST	Provincial Sales Tax
PSVS	Powerhouse Steam Venting System
PUEC	Nuclear Production Unit Energy Cost
PVRD	Portable Vault Recovery Dryer
PWR	Pressurized Water Reactors
PWU	Power Workers' Union
QAR	Quality Assessment Report
RACI	Responsible, Accountable, Consult, Inform
RCRB	Refurbishment Construction Review Board
Remaining Units	Units 3, 1, and 4
RFP	Request for Proposals
RFQ	Request for Quotes
RFR	Retube and Feeder Replacement
RFRISA	Retube and Feeder Replacement Island Support Annex
RG&PM	Renewable Generation & Power Marketing
RM	Risk Management
RMD	Reactivity Mechanism Deck
RMO	Risk Management and Oversight
RMP	Risk Management Plan
R-O&M	Refurbishment Operations & Maintenance
ROC	Risk Oversight Committee
ROE	Return on Equity
RP	Radiation Protection
RPCT	Resource Planning and Control Team
RPC	Radiation Protection Coordinators
RPO	Refurbishment Project Office
RPP	Registered Pension Plan
RQE	Release Quality Estimate
RRFE	Renewed Regulatory Framework for Electricity Distributors
RRWF	Revenue Requirement Work Form
RSDA	Rate Smoothing Deferral Account
RSF	Refurbishment Support Facilities
RSVCSA	Reactive Support and Voltage Control Services Agreement
RTE	Ready to Execute
RWPB	Retube Waste Processing Building
RWRTRV	Right Work, Right Time, Right Value

SAB	Sir Adam Beck
SAVH	Sickness, Accident, Vacation and Holiday
SBG	Surplus Baseload Generation
SCA	Secondary Control Area
SCO	Station Containment Outage
Scope Requests	Darlington Scope Requests
SDLU	Shut Down Lay Up
SDS	Shutdown System
SES	Security and Emergency Services
SFCR	Single Fuel Channel Replacement
SG	Steam Generators
SIIR	Serious Injury Incidence Rate
SIO	Safety Improvement Opportunities
SLAR	Spacer Location and Relocation Program
SLSMC	St. Lawrence Seaway Management Corporation
SMO	Segregated Mode of Operation
SMR	Small Modular Reactor
SNC/AECON JV	SNC-Lavalin Nuclear Inc. and Aecon Industrial, a division of Aecon Construction Group Inc.
SO	South Central Operations
Society	Society of United Professionals
Society ETE	Society Extended Temporary Employee
SPI	Schedule Performance Index
SPL	Site Preparation Licence
SR&ED	Scientific Research and Experimental Development
SR&ED ITC	Scientific Research and Experimental Development Investment Tax Credit
SST	Station Service Transformer
STOP	Shield Tank Overpressure Protection
TBM	Tunnel Boring Machine
TCV	Temperature Control Valve
TFP	Total Factor Productivity
TG or Turbine Generator	Turbines, Generators and Auxiliaries
TGC	Total Generating Cost
TGC/MWh	Total Generating Cost per MWh
TLG	TLG Services
TPG	Tool Performance Guarantee
TRIF	Total Recovery Injury Frequency
TRF	Tritium Removal Facility
TSW	Trent Severn Waterway
U1EE	Unit 1 Execution Estimate
U2EE	Unit 2 Execution Estimate
U3EE	Unit 3 Execution Estimate
U4EE	Unit 4 Execution Estimate
UCC	Undepreciated Capital Cost

UCF	Unit Capability Factor
UDM	Universal Delivery Machine
UEC	Unit Energy Cost
UFF	Used Fuel Segregated Fund
UNL	Unfunded Nuclear Liabilities
UPS	Uninterruptible Power Supply
US GAAP	Generally Accepted Accounting Principles of the United States of America
VBI	Vacuum Building Inspection
VBO	Vacuum Building Outage
VERT	Voluntary Emergency Response Team
VFD	Vertical Flux Detector
VMS	Vibration Monitoring System
VOR	Vendor of Record
VVRS	Vault Vapour Recovery System
WACC	Weighted Average Cost of Capital
WANO	World Association Of Nuclear Operators
WAPA	Weighted Average Payment Amounts
WBS	Work Breakdown Structure
WCA	Work Control Area
WDP	Workforce Development Plan
WFFAA	West Fuelling Facility Auxiliary Area
Towers	Willis Towers Watson
WT	Water Transfer
WTP	Water Treatment Plant
YMPE	Year’s Maximum Pensionable Earnings