

## Acronyms Reference Card

Version 0.1

## **General**

| Acronyms | Term                                            |
|----------|-------------------------------------------------|
| AMPCO    | Association of Major Power Consumers of Ontario |
| API      | Application Programming Interface               |
| BD       | Business Day                                    |
| BOMA     | Building Owners and Managers Association        |
| CA       | Capacity Auction                                |
| CAA      | Connection assessment & approval                |
| CMSS     | OPG Crisis Management and Communications Centre |
| DA       | Day-Ahead                                       |
| DAM      | Day-Ahead Market                                |
| CDM      | Conservation and Demand Management              |
| DER      | Distributed Energy Resources                    |
| DP       | Delivery Point                                  |
| DL       | Dispatchable Load                               |
| DR       | Demand Response                                 |
| EDA      | Electricity Distributors Association            |
| EDT      | Eastern Daylight Time                           |
| EMI      | Energy Market Interface                         |
| EMO      | Emergency Management Ontario                    |
| ENERGY   | Ministry of Energy                              |
| EIC      | Emergency Information Centre                    |
| EPTF     | Emergency Preparedness Task Force               |
| FIT      | Feed-in Tariff Program                          |
| ERP      | Enabling Resources Program                      |
| ESIA     | Expedited system impact assessment              |
| EST      | Eastern Standard Time                           |
| EUR      | Engineering Unit Report                         |
| GA       | Global Adjustment                               |
| GOV      | Governor                                        |
| GTA      | Greater Toronto Area                            |
| GWH      | Gigawatt Hour                                   |
| HDR      | Hourly Demand Response Resource                 |
| HE       | Hour Ending                                     |



| Acronyms | Term                                            |
|----------|-------------------------------------------------|
| HIP      | Hybrid Integration Project                      |
| HST      | Harmonized Sales Tax                            |
| IAM      | IESO-Administered Market                        |
| ICAP     | Installed capacity                              |
| ICI      | Industrial Conservation Initiative Program      |
| ICG      | IESO-Controlled Grid                            |
| IESO     | Independent Electricity System Operator         |
| INT      | Interval                                        |
| IRRP     | Integrated Regional Resource Plan               |
| ISONE    | Independent System Operator New England         |
| KW       | Kilowatt                                        |
| KWH      | Kilowatt Hour                                   |
| JCT      | Junction                                        |
| LDC      | Local Distribution Company                      |
| LMP      | Locational Marginal Price                       |
| LT       | Long-term                                       |
| MACD     | Market Assessment and Compliance Division       |
| MDA      | Meter Data Associate                            |
| MDMR     | Meter Data Management Repository                |
| MDMS     | Meter Data Management System                    |
| MEC      | Measurement Error Calculation                   |
| MIM      | Market Information Management                   |
| MMP      | Metered Market Participant                      |
| MMPT     | Metered Market Participant Transmission Tariff  |
| MNR      | Ministry of Natural Resources                   |
| MISO     | Midcontinent Independent System Operator        |
| MOE      | Ministry of Environment                         |
| MP       | Market Participant                              |
| MPM      | Market power mitigation                         |
| MSP      | Meter Service Provider                          |
| MTR      | Meter Trouble Report                            |
| MW       | Megawatt                                        |
| MWH      | Megawatt Hour                                   |
| NAESB    | North American Energy Standards Board           |
| NBSO     | New Brunswick System Operator                   |
| NDL      | Non-Dispatchable Load                           |
| NE       | Northeast                                       |
| NERC     | North American Electric Reliability Corporation |
| NWAs     | Non-Wires Alternatives                          |



| Acronyms | Term                                                    |
|----------|---------------------------------------------------------|
| NPCC     | Northeast Power Coordinating Council                    |
| NISL     | Net Interchange Scheduling Limit                        |
| NYPA     | New York Power Authority                                |
| NYISO    | New York Independent System Operator                    |
| NW       | Northwest                                               |
| OEB      | Ontario Energy Board                                    |
| OEEP     | Ontario Electricity Emergency Plan                      |
| OERP     | Ontario government's Provincial Emergency Response Plan |
| OMAFA    | Ontario Ministry of Agriculture, Food and Agribusiness  |
| OPSRP    | Ontario Power System Restoration Plan                   |
| OR       | Operating Reserve                                       |
| OZP      | Ontario Zonal Price                                     |
| PBC      | Physical Bilateral Contract                             |
| PEOC     | Provincial Emergency Operations Centre                  |
| PERP     | Provincial Emergency Response Plan                      |
| PNERP    | Provincial Nuclear Emergency Response Plan              |
| PS       | Public Safety Canada                                    |
| PRL      | Price Responsive Load                                   |
| PSO      | Prudential Support Obligation                           |
| PSP      | Prudential Support Posted                               |
| PSU      | Pseudo-Unit                                             |
| RAN      | Registration Approval Notification                      |
| RFP      | Request for Proposals                                   |
| RMP      | Registered market participant                           |
| RT       | Real-Time                                               |
| RTM      | Real-Time Market                                        |
| RMR      | Revenue meter registration                              |
| SIA      | System impact assessment                                |
| SLD      | Single Line Diagram                                     |
| SME      | Smart Metering Entity                                   |
| ST       | Short-Term                                              |
| SRR      | Site Registration Report                                |
| SSLA     | Site Specific Loss Adjustments                          |
| TDWG     | Transmission-Distribution Coordination Working Group    |
| TR       | Transmission Rights                                     |
| TSC      | Transmission System Code                                |
| Π        | Totalization Table                                      |
| TX       | Transmitter                                             |
| UCAP     | Unforced Capacity                                       |



| Acronyms | Term                |
|----------|---------------------|
| VT       | Virtual Trader      |
| VG       | Variable generation |
| WH       | Watt-Hour           |



## **Operations**

| Acronyms | Term                                          |
|----------|-----------------------------------------------|
| AC       | Alternating Current                           |
| ACE      | Area control error                            |
| ACB      | Air Circuit Breaker                           |
| ADE      | Availability Declaration Envelope             |
| ADRF     | Availability de-rating factor                 |
| AESO     | Alberta Electric System Operator              |
| AGC      | Automatic Generation Control                  |
| A/R      | Auto/Reclose                                  |
| ARFS     | Automatically Removed From Service            |
| ASP      | Ancillary Service Provider                    |
| ATC      | Available Transfer Capability                 |
| AUTO     | Automatic Trip Usually From Relay Protections |
| A/V      | Available                                     |
| AVR      | Automatic Voltage Regulator                   |
| BA       | Balancing Authority                           |
| BAAL     | Balancing Authority Area Control Error Limit  |
| BES      | Bulk Electricity System                       |
| BKF      | Breaker Failure                               |
| BPS      | Bulk Power System                             |
| CAP      | Capacitor                                     |
| CAP      | Capacity Auction Participant                  |
| C/A      | Control Action                                |
| CAR      | Capacity Auction Resource                     |
| C&I      | Commercial and Institutional Resources        |
| CCT      | Circuit                                       |
| CCWP     | Condenser Cooling Water Pump                  |
| CCW/ CW  | Counter Clockwise / Clockwise                 |
| CHF      | Current Hour Forecast                         |
| CIC      | Contributor Information Contact               |
| СМ       | Contract Manager                              |
| CMP      | Capacity Auction Participant                  |
| CPS      | Control Performance Standards                 |
| CR       | Control Room                                  |
| CRO      | IESO Control Room Operator                    |
| CROW     | Control Room Operations Window                |
| CSDV     | Condenser Steam Discharge Valve               |
| CSCC     | Clarkson System Control Centre                |



| Acronyms          | Term                                                     |
|-------------------|----------------------------------------------------------|
| CSS               | Control Selector Switch                                  |
| СТ                | Current Transformer                                      |
| СТ                | Combustion Turbine Unit                                  |
| CVT               | Capacitor Voltage Transformer                            |
| DC                | Direct Current                                           |
| DCS               | Disturbance Control Standard                             |
| DDMS              | Dispatch Data Management System                          |
| DESN              | Dual Element Spot Network                                |
| DFR               | Digital Fault Recorder                                   |
| DFS               | Demand Forecast System                                   |
| DDD               | Daily Dispatch Data                                      |
| DISPS             | Dispatch Service                                         |
| DRP               | Disaster Recovery Plan                                   |
| DS                | Distribution Station                                     |
| DSO               | Dispatch Scheduling and Optimization                     |
| DSO               | Distribution System Operator                             |
| EE                | Energy Efficiency                                        |
| EEA               | Emergency Energy Alert                                   |
| EMS               | Energy Management System                                 |
| EOSCA             | Emergency Operating State Control Actions                |
| EDIST             | Electricity Distribution Information System Technologies |
| EPT               | Eastern Prevailing Time                                  |
| ERUC              | Enhanced Real-Time Unit Commitment                       |
| E-TAG or NERC tag | Electronic Tagging                                       |
| FAA               | Final Approval in Advance                                |
| FCO               | Facilitated Checkout                                     |
| FD                | Forced Derate                                            |
| FDD               | Facility Description Document                            |
| FEPO              | Forced Extended Planned Outage                           |
| FERC              | Federal Energy Regulatory Commission                     |
| FESPO             | Forced Extended Short Notice Planned Outage              |
| FO                | Forced Outage                                            |
| GBI               | Generator-Backed Import                                  |
| GEN               | Generation or Generator                                  |
| GIC               | Geomagnetically-Induced Current                          |
| GMD               | Geomagnetic Disturbances                                 |
| GOP               | Generator Operator                                       |
| G/R               | Generation Rejection                                     |
| GS                | Generating Station                                       |



| Acronyms | Term                                         |
|----------|----------------------------------------------|
| GT       | Grounding Transformer                        |
| HIROP    | High Resistance, Open Phase                  |
| H/O      | Hold-Off                                     |
| HP       | High Pressure                                |
| HT       | High Tension                                 |
| HQ       | Hydro-Québec                                 |
| HV       | High Voltage                                 |
| HVDC     | High Voltage Direct Current                  |
| IBO      | Inadvertent Breaker Opening                  |
| ICCP     | Inter-Control Centre Communications Protocol |
| IROL     | Interconnection Reliability Operating Limit  |
| I/S      | In-Service                                   |
| ISN      | Interregional Security Network               |
| LAN      | Local Area Network                           |
| LAP      | Look-Ahead Period                            |
| LKO      | Lockout                                      |
| LOR      | Loss Of Redundancy                           |
| LSE      | Load Serving Entity                          |
| LT       | Low Tension                                  |
| LTE      | Long Time Emergency Rating                   |
| LTR      | Limited Time Rating                          |
| LV       | Low Voltage                                  |
| MAX      | Maximum                                      |
| MaxDEL   | Maximum Daily Energy Limit                   |
| MECH     | Mechanical                                   |
| MFI      | Market Forecasts & Integration               |
| MGBDT    | Minimum Generation Block Down-Time           |
| MGBRT    | Minimum Generation Block Run-Time            |
| MHEB     | Manitoba Hydro Electric Board                |
| MIO      | Multi-Interval Optimization                  |
| MinDEL   | Minimum Daily Energy Limit                   |
| MLP      | Minimum Loading Point                        |
| MRT      | Minimum Run-Time                             |
| MSO      | Mid Span Opener                              |
| MTCE     | Maintenance                                  |
| MVA      | Megavolt-Amp                                 |
| MVAR     | Megavolt-Amp Reactive                        |
| M&D      | Models And Data                              |
| NEG      | Negative                                     |



| Acronyms | Term                                                      |
|----------|-----------------------------------------------------------|
| O/C      | Over Current                                              |
| OCB      | Oil Circuit Breaker                                       |
| OI       | Obligation Indicator                                      |
| OLT      | Off-Load Tap                                              |
| OLTC     | Off-Load Tap Change                                       |
| ORA      | Operating Reserve Activation                              |
| O/S      | Out-Of-Service                                            |
| OSL      | Operating Security Limit                                  |
| OTD      | One-Time Dispatch                                         |
| O/V      | Over Voltage                                              |
| Р        | Planned                                                   |
| PAR      | Phase Angle Regulator                                     |
| PD       | Pre-Dispatch                                              |
| P/D      | Primary Demand                                            |
| PGS      | Pump Generating Station                                   |
| РЈМ      | Pennsylvania-New Jersey-Maryland Interconnection          |
| PLC      | Power Line Carrier                                        |
| PO       | Planned Outage                                            |
| POS      | Positive                                                  |
| POT      | Potential                                                 |
| PSR      | Programmable Synchrocheck Relay                           |
| PT       | Potential Transformer                                     |
| PU       | Per Unit                                                  |
| RAS      | Remedial Action Scheme                                    |
| RC       | Reliability Coordinator                                   |
| RCIS     | Reliability Coordinator Information System                |
| RPM      | Revolutions Per Minute                                    |
| RPS      | Revolutions Per Second                                    |
| RTRIP    | Remote Trip                                               |
| RTU      | Remote Terminal Unit                                      |
| RX       | Receiver                                                  |
| S/C      | Synchrocheck                                              |
| SCADA    | Supervisory Control And Data Acquisition                  |
| SCU      | Synchronous Closing Unit                                  |
| S/D      | Shutdown                                                  |
| SDLF     | Similar Day Load Forecast                                 |
| SEAL     | Safety, Damaging Equipment or Violating an Applicable Law |
| SECT     | Section                                                   |
| SF       | Solar Farm                                                |



| Acronyms | Term                          |
|----------|-------------------------------|
| SF6      | Sulphur Hexafluoride Gas      |
| SFM      | System For Market             |
| SGS      | Solar Generating Station      |
| SLC      | Single Largest Contingency    |
| SMD      | Solar Magnetic Disturbance    |
| SME      | Subject Matter Expert         |
| SMO      | Segregated Mode Of Operation  |
| SNL      | Speed No Load                 |
| SoC      | State-of-charge               |
| SOL      | System Operating Limit        |
| SP       | System Performance            |
| SPV      | Single Point of Vulnerability |
| SPS      | Special Protection System     |
| SS       | Station Service               |
| SSM      | System Security Monitoring    |
| SSM      | Single Schedule Market        |
| ST       | Short Time                    |
| ST       | Steam Turbine                 |
| SVC      | Static Var Compensator        |
| SYNC     | Synchronize                   |
| T/M      | Telemetering                  |
| TMP      | Thermo-Mechanical Pulping     |
| ТО       | Transmission Owner            |
| TOP      | Transmission Operator         |
| TP       | Transmission Provider         |
| TS       | Transformer Station           |
| TT       | Transfer Trip                 |
| TWR      | Tower                         |
| V        | Volts                         |
| VA       | Volt-Amp                      |
| VAR      | Volt-Amp Reactive             |
| VBO      | Vacuum Building Outage        |
| V/C      | Voltage Control               |
| V/P+T    | Voltage Presence Plus Time    |
| VR       | Voltage Regulator             |
| VS       | Voltage Support               |
| VT       | Voltage Transformer           |
| WF       | Wind Farm                     |
| WFMS     | Wind Farm Management System   |



| Acronyms | Term                    |
|----------|-------------------------|
| WGS      | Wind Generating Station |



## **Settlements**

| Acronym  | Term                                                             |
|----------|------------------------------------------------------------------|
| AF       | Allocation Factor                                                |
| AQEW     | Allocated Quantity Of Energy Withdrawn                           |
| BCE      | Balancing Credit – Energy                                        |
| BCOR     | Balancing Credit - Operating Reserve                             |
| CAAC     | Capacity Obligation - Availability Charge                        |
| CAACT    | Capacity Obligation - Availability True-Up                       |
| CAADM    | Capacity Obligation - Administration Charge                      |
| CAAP     | Capacity Obligation – Availability Payment                       |
| CABOC    | Capacity Obligation - Buy-Out Charge                             |
| CACC     | Capacity Obligation - Capacity Charge                            |
| CACD     | Capacity Obligation - Capacity Deficiency                        |
| CACIF    | Capacity Obligation - Capacity Import Call Failure               |
| CACT     | Capacity Obligation - Capacity Auction Charges TRUE Up           |
| CADC     | Capacity Obligation - Dispatch Charge                            |
| CAEOP    | Capacity Obligation Emergency Operating State Activation Payment |
| CAIPA    | Capacity Obligation - In-Period Cleared UCAP Adjustment Charge   |
| CATAP    | Capacity Obligation - Test Activation Payment                    |
| CAU      | Capacity Obligation Uplift                                       |
| CEAP     | COVID-19 Energy Assistance Program                               |
| CRS      | Commercial Reconciliation System                                 |
| СТ       | Charge Type                                                      |
| DA_ESD   | Day-Ahead Export Scheduling Deviation                            |
| DA_ISD   | Day-Ahead Import Scheduling Deviation                            |
| DAM_BC   | Day-Ahead Market Balancing Credit                                |
| DAM_BCU  | Day-Ahead Market Balancing Credit Uplift                         |
| DAM_ECR  | Day-Ahead Market External Congestion Residual                    |
| DAM_EXFC | Day-Ahead Market Export Failure Charge                           |
| DAM_GOG  | Day-Ahead Market Generator Offer Guarantee                       |
| DAM_IMFC | Day-Ahead Market Import Failure Charge                           |
| DAM_INFC | Day-Ahead Market Intertie Failure Charge                         |
| DAM_MWP  | Day-Ahead Market Make-Whole Payment                              |



| Acronym   | Term                                                                                          |
|-----------|-----------------------------------------------------------------------------------------------|
| DAM_NECR  | Day-Ahead Market Net External Congestion Residual                                             |
| DAM_NISLR | Day-Ahead Market Net Interchange Scheduling Limit Residual                                    |
| DAM_NISRU | Day-Ahead Market Net Interchange Scheduling Limit Residual Uplift                             |
| DAM_QSW   | Day-Ahead Market Quantity Scheduled for Withdrawal                                            |
| DAM_RLSC  | Day-Ahead Market Reference Level Settlement Charge                                            |
| DAM_RLSCU | Day-Ahead Market Reference Level Settlement Charge Uplift                                     |
| DAM_UPL   | Day-Ahead Market Uplift                                                                       |
| DL        | Default Levy                                                                                  |
| DP        | Settlement Detail Record                                                                      |
| DRSU      | Day-Ahead Market Reliability Scheduling Uplift                                                |
| DT        | Data File                                                                                     |
| EEQ       | Excluded Energy Quantity                                                                      |
| EFT       | Electronic Funds Transfer                                                                     |
| EFW       | Energy From Waste                                                                             |
| EGEI      | Embedded Generator Energy Injection                                                           |
| ELOC      | Energy Lost Opportunity Cost                                                                  |
| EMP       | Energy Market Price                                                                           |
| EOP       | Economic Operating Point                                                                      |
| EXP_EWSC  | Ex-Post Mitigation of Economic Witholding on Uncompetitive Interties Settlement Charge        |
| EXP_EWSCU | Ex-Post Mitigation of Economic Witholding on Uncompetitive Interties Settlement Charge Uplift |
| EXP_PWSC  | Ex-Post Mitigation For Physical Withholding Settlement Charge                                 |
| EXP_PWSU  | Ex-Post Mitigation For Physical Withholding Settlement Charge Uplift                          |
| FCC       | Fuel Cost Compensation Credit                                                                 |
| FCCU      | Fuel Cost Compensation Credit Uplift                                                          |
| FSS       | Final Settlement Statement                                                                    |
| GCP       | Generic Custom Period                                                                         |
| GFC       | Generator Failure Charge                                                                      |
| GFC_GCC   | Generator Failure Charge - Guarantee Cost Component                                           |
| GFC_GCCU  | Generator Failure Charge - Guarantee Cost Component Uplift                                    |
| GFC_MPC   | Generator Failure Charge - Market Price Component                                             |
| GFC_MPCU  | Generator Failure Charge - Market Price Component Uplift                                      |



| Acronym   | Term                                                                  |
|-----------|-----------------------------------------------------------------------|
| GOG       | Generator Offer Guarantee                                             |
| GSSR      | Generation Station Service Rebate                                     |
| HORSA     | Hourly Operating Reserve Settlement Amount                            |
| HPTSA     | Hourly Physical Transaction Settlement Amount                         |
| HPTSA_NDL | Hourly Physical Transaction Settlement Amount - Non-Dispatchable Load |
| HVTSA     | Hourly Virtual Transaction Settlement Amount                          |
| ICLR      | Internal Congestion and Loss Residual                                 |
| INFC      | Intertie Failure Charge                                               |
| INFCU     | Intertie Failure Charge Uplift                                        |
| INV       | Invoice                                                               |
| IOG       | Intertie Offer Guarantee                                              |
| LFDA      | Load Forecast Deviation Adjustment                                    |
| LC        | Lost Cost                                                             |
| LOC       | Lost Opportunity Cost                                                 |
| MP        | Manual Record                                                         |
| MWP       | Make-Whole Payment                                                    |
| NOD       | Notice Of Disagreement                                                |
| ONZN      | Ontario Zone                                                          |
| OP        | Operating Profit                                                      |
| PDF       | Peak Demand Factor                                                    |
| PSS       | Preliminary Settlement Statement                                      |
| QSI       | Quantity Scheduled for Injection                                      |
| QSW       | Quantity Scheduled for Withdrawal                                     |
| RCSS      | Recalculated Settlement Statement                                     |
| RDRL      | Ramp-Down Rate Limited                                                |
| RF        | Recalculated Final Settlement Statement R                             |
| RLSC      | Reference Level Settlement Charge                                     |
| RLSCU     | Reference Level Settlement Charge Uplift                              |
| RRRP      | Rural or Remote Rate Protection                                       |
| RT_ECR    | Real-Time External Congestion Residual                                |
| RT_ECRU   | Real-Time External Congestion Residual Uplift                         |
| RT_EXFC   | Real-Time Export Failure Charge                                       |



| Acronym    | Term                                                       |
|------------|------------------------------------------------------------|
| RT_GOG     | Real-Time Generator Offer Guarantee                        |
| RT_GOGU    | Real-Time Generator Offer Guarantee Uplift                 |
| RT_IMFC    | Real-Time Import Failure Charge                            |
| RT_INFC    | Real-Time Intertie Failure Charge                          |
| RT_IOG     | Real-Time Intertie Offer Guarantee                         |
| RT_IOGU    | Real-Time Intertie Offer Guarantee Uplift                  |
| RT_LOC_EOP | Real-Time Lost Opportunity Cost Economic Operating Point   |
| RT_MWP     | Real-Time Make-Whole Payment                               |
| RT_MWPU    | Real-Time Make-Whole Payment Uplift                        |
| RT_NISLR   | Real-Time Net Interchange Scheduling Limit Residual        |
| RT_NISLRU  | Real-Time Net Interchange Scheduling Limit Residual Uplift |
| RT_QSW     | Real-Time Quantity Scheduled for Withdrawal                |
| RT_RDSA    | Real-Time Ramp-Down Settlement Amount                      |
| RT_RDSAU   | Real-Time Ramp-Down Settlement Amount Uplift               |
| RT_RLSC    | Real-Time Reference Level Settlement Charge                |
| RT_RLSCU   | Real-Time Reference Level Settlement Charge Uplift         |
| RTCTR      | Real-Time Constrained Totals Report                        |
| SIV        | Start Indication Value                                     |
| SQEW       | Scheduled Quantity Of Energy Withdrawn                     |
| SSPC       | Settlement Schedule and Payment Calendar                   |
| ST         | Statement                                                  |
| TAOR       | Total Accessible Operating Reserve                         |
| TD         | Trading Date                                               |
| TD         | Total Market Settlement Amount                             |
| TM         | Trading Month                                              |
| TRCA       | Transmission Rights Clearing Account                       |
| VEE        | Validation, Estimation, and Editing                        |
| XDA_BE     | As-Offered Dayahead Incremental Energy Cost                |
| XPD_BE     | As-Offered Hour Ahead Pre-Dispatch Incremental Energy Cost |