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# **DECISION AND RATE ORDER**

**EB-2022-0068**

## **WELLAND HYDRO ELECTRIC-SYSTEM CORP.**

**Application for rates and other charges to be effective May 1, 2023**

**BY DELEGATION, BEFORE:**      **Kevin Mancherjee**  
Director  
Operations Decision Support

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**[DATE]**

## 1. OVERVIEW

The Ontario Energy Board is approving changes to the rates that Welland Hydro Electric System Corp (Welland Hydro) charges to distribute electricity to its customers, effective May 1, 2023.

As a result of this Decision, there will be a monthly total bill increase of \$3.92 for a residential customer consuming 750 kWh. This change does not factor in applicable taxes or the Ontario Electricity Rebate.

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## 2. CONTEXT AND PROCESS

Welland Hydro filed its application on November 1, 2023, under section 78 of the *Ontario Energy Board Act, 1998* and in accordance with Chapter 3 of the OEB's [Filing Requirements for Incentive Rate-Setting Applications](#) (Filing Requirements). The application was based on the Price Cap Incentive Rate-setting (Price Cap IR) option.

The Price Cap IR option is one of three incentive rate-setting mechanisms (IRM) approved by the OEB.<sup>1</sup> It involves the setting of rates through a cost of service application in the first year and mechanistic price cap adjustments which may be approved through IRM applications in each of the ensuing adjustment years.

The OEB follows a standardized and streamlined process for hearing IRM applications filed under Price Cap IR. In each adjustment year of a Price Cap IR term, the OEB prepares a Rate Generator Model that includes, as a placeholder, information from the distributor's past proceedings and annual reporting requirements. A distributor will then review, complete, and include the model with its application, and may update the model during the proceeding to make any necessary corrections or to incorporate new rate-setting parameters as they become available.

Welland Hydro serves approximately 25,000 mostly residential and commercial electricity customers in the City of Welland.

The application was supported by pre-filed written evidence and a completed Rate Generator Model and as required during the proceeding, Welland Hydro updated and clarified the evidence.

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<sup>1</sup> Each of these options is explained in the OEB's [Handbook for Utility Rate Applications](#).

### 3. DECISION OUTLINE

Each of the following issues is addressed in this Decision, together with the OEB's findings.

- Annual Adjustment Mechanism
- Retail Transmission Service Rates
- Group 1 Deferral and Variance Accounts
- Lost Revenue Adjustment Mechanism Variance Account

Instructions for implementing Welland Hydro's new rates and charges are set out in the final section of this Decision.

This Decision does not address rates and charges approved by the OEB in prior proceedings, such as specific service charges<sup>2</sup> and loss factors, which are out of the scope of an IRM proceeding and for which no further approvals are required to continue to include them on the distributor's Tariff of Rates and Charges.

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<sup>2</sup> Certain service charges are subject to annual inflationary adjustments to be determined by the OEB through a generic order. For example, the Decision and Order EB-2022-0220, issued November 3, 2022, established the adjustment for energy retailer service charges, effective January 1, 2023; and the Decision and Order EB-2022-0221, issued November 3, 2022, established the 2023 Wireline Pole Attachment Charge, effective January 1, 2023.

## 4. ANNUAL ADJUSTMENT MECHANISM

Welland Hydro has applied to change its rates, effective May 1, 2023, based on a mechanistic rate adjustment using the OEB-approved **inflation minus X-factor** formula applicable to IRM applications. The adjustment applies to distribution rates (fixed and variable) uniformly across all customer classes.<sup>3</sup>

The components of the Price Cap adjustment formula applicable to Welland Hydro are set out in the table below. Inserting these components into the formula results in a 3.70 % increase to Welland Hydro's rates: **3.70. % = 0.00 - (3.70% + 0.00%)**.

**Table 4.1: Price Cap IR Adjustment Formula**

Components		Amount
Inflation factor <sup>4</sup>		3.70. %
Less: X-factor	Productivity factor <sup>5</sup>	0.00%
	Stretch factor (0.00% to 0.60%) <sup>6</sup>	0.00%

An inflation factor of 3.70 % applies to all IRM applications for the 2023 rate year. The X-factor is the sum of the productivity factor and the stretch factor. It is a productivity offset that varies among different groupings of distributors. Subtracting the X-factor from inflation ensures that rates decline in real, constant-dollar terms, providing distributors with a tangible incentive to improve efficiency or else experience declining net income. The productivity component of the X-factor is based on industry conditions over a historical study period and applies to all IRM applications for the 2023 rate year. The stretch factor component of the X-factor is distributor specific. The OEB has established five stretch factor groupings, ranging from 0.00% to 0.60%. The stretch factor assigned to any distributor is based on the distributor's total cost performance as benchmarked against other distributors in Ontario. The stretch factor assigned to Welland Hydro is 0%, resulting in a rate adjustment of 3.70%.

<sup>3</sup> The adjustment does not apply to the following components of delivery rates: rate riders, rate adders, low voltage service charges, retail transmission service rates, wholesale market service rate, smart metering entity charge, rural or remote electricity rate protection charge, standard supply service – administrative charge, transformation and primary metering allowances, loss factors, specific service charges, microFIT charge, and retail service charges.

<sup>4</sup> [OEB Letter, 2023 Inflation Parameters, issued October 20, 2022](#)

<sup>5</sup> Report of the Ontario Energy Board – “Rate Setting Parameters and Benchmarking under the Renewed Regulatory Framework for Ontario’s Electricity Distributors” EB-2010-0379, December 4, 2013

<sup>6</sup> Report to the Ontario Energy Board – “Empirical Research in Support of Incentive Rate-Setting: 2021 Benchmarking Update”, prepared by Pacific Economics Group LLC., July 2022

## Findings

Welland Hydro's request for a 3.70 % rate adjustment is in accordance with the annually updated parameters set by the OEB. The adjustment is approved, and Welland Hydro's new rates shall be effective May 1, 2023.

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## 5. RETAIL TRANSMISSION SERVICE RATES

Welland Hydro is transmission connected.

To recover its cost of transmission services, Welland Hydro requests approval to adjust the retail transmission service rates (RTSRs) that it charges its customers in accordance with the Uniform Transmission Rates (UTRs) currently in effect.

### Findings

Welland Hydro's proposed adjustment to its RTSRs is approved. The RTSRs have been adjusted based on the current OEB-approved UTRs

UTRs and host-RTSRs are typically approved annually by the OEB. In the event that new UTRs and host-RTSRs take effect during Welland Hydro's 2023 rate year, any resulting differences (from the prior-approved UTRs and host-RTSRs) are to be captured in Retail Settlement Variance Accounts 1584 (Retail Transmission Network Charge) and 1586 (Retail Transmission Connection Charge).

## 6. GROUP 1 DEFERRAL AND VARIANCE ACCOUNTS

In each year of an IRM term, the OEB will review a distributor's Group 1 deferral and variance accounts to determine whether those balances should be disposed. OEB policy states that Group 1 account balances should be disposed if they exceed, on a net basis (as a debit or credit), a pre-set disposition threshold of \$0.001 per kWh, unless a distributor justifies why balances should not be disposed.<sup>7</sup> If the net balance does not exceed the threshold, a distributor may still request disposition.<sup>8</sup>

The 2021 year-end net balance for Welland Hydro's Group 1 accounts eligible for disposition, including interest projected to April 30, 2023, is a debit of \$51,674, and pertains to variances accumulated during the 2021 calendar year. This amount represents a total claim of \$0.0001 per kWh, which does not exceed the disposition threshold.

Consistent with a letter issued by the OEB on July 25, 2014, distributors may elect to dispose of Group 1 account balances that are below the disposition threshold.<sup>9</sup> Welland Hydro stated that the calculated rate riders for the Group 1 accounts are all greater than zero at the fourth decimal place and as a result, it is electing to dispose of the net balance of \$51,674 over a one-year period.<sup>10</sup>

Included in the Group 1 accounts are certain variances related to costs that are paid for by a distributor's customers on different bases, depending on their classification. Namely, "Class A" customers, who participate in the Industrial Conservation Initiative, pay for Global Adjustment (GA) charges based on their contribution to the five highest Ontario demand peaks over a 12-month period. "Class B" customers pay for GA charges based on their monthly consumption totals, either as a standalone charge or embedded in the Regulated Price Plan (RPP).<sup>11</sup> A similar mechanism applies to Class A and Class B customers for Capacity Based Recovery (CBR) charges.<sup>12</sup> The balance in the GA variance account is attributable to non-RPP Class B customers and is disposed

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<sup>7</sup> Report of the OEB – "Electricity Distributors' Deferral and Variance Account Review Initiative (EDDVAR)." EB-2008-0046, July 31, 2009

<sup>8</sup> OEB letter, "Update to the Electricity Distributors' Deferral and Variance Account Review ("EDDVAR Report"), released July 2009 (EB-2008-0246)", issued July 25, 2014

<sup>9</sup> Report of the OEB – "Filing Requirements for Electricity Distribution Rate Applications- 2022 Edition for 2023 Rate Applications – Chapter 3 Incentive Rate-Setting Applications." May 24, 2022

<sup>10</sup> EB-2022-0068, Welland Hydro-Electric's Response to EB Staff Questions, January 26, 2023

<sup>11</sup> For additional details on the Global Adjustment charge, refer to the Independent Electricity System Operator (IESO)'s [website](#).

<sup>12</sup> All Class B customers (RPP and non-RPP) pay the CBR as a separate charge based on their monthly consumption. For additional details on the CBR for Class A customers, refer to the IESO's [website](#).



through a separate rate rider. The balance in the CBR Class B variance account is attributable to all Class B customers.

Welland Hydro had Class A customers during the period in which variances accumulated so it has applied to have the balance of the CBR Class B variance account disposed through a separate rate rider for Class B customers to ensure proper allocation between Class A and Class B customers.

During the period in which variances accumulated, Welland Hydro had customers transition between Class A and Class B. Under the general principle of cost causality, customer groups that cause variances that are recorded in Group 1 accounts should be responsible for paying (or receiving credits) for their disposal. Welland Hydro has proposed to allocate a portion of the GA and CBR Class B balances to its transition customers, based on their customer-specific consumption levels.<sup>13</sup> The amounts allocated to each transition customer are proposed to be recovered (or refunded, as applicable), by way of 12 equal monthly installments.

## Findings

The balances proposed for disposition reconcile with the amounts reported as part of the OEB's *Electricity Reporting and Record-Keeping Requirements*.

The OEB approves the disposition of a debit balance of \$51,674 as of December 31, 2021, including interest projected to April 30, 2023, for Group 1 accounts on a final basis.

Table 6.1 identifies the principal and interest amounts, which the OEB approves for disposition.

**Table 6.1: Group 1 Deferral and Variance Account Balances**

Account Name	Account Number	Principal Balance (\$) A	Interest Balance (\$) B	Total Claim (\$) C=A+B
Smart Meter Entity Variance Charge	1551	(15,754)	(537)	(16,291)
RSVA - Wholesale Market Service Charge	1580	248,735	8,718	257,453
Variance WMS - Sub-account CBR Class B	1580	(41,631)	(1,458)	(43,089)

<sup>13</sup> 2023 IRM Rate Generator Model, Tab 6.1a "GA Allocation" and Tab 6.2a "CBR B\_Allocation"

Account Name	Account Number	Principal Balance (\$) A	Interest Balance (\$) B	Total Claim (\$) C=A+B
RSVA - Retail Transmission Network Charge	1584	246,744	8,585	255,329
RSVA - Retail Transmission Connection Charge	1586	75,883	2,251	78,134
RSVA - Power	1588	(128,424)	(4,162)	(132,586)
RSVA - Global Adjustment	1589	(380,226)	(13,153)	(393,379)
Disposition and Recovery of Regulatory Balances (2018)	1595	49,998	(3,894)	46,103
<b>Total for Group 1 accounts</b>		55,325	(3,650)	51,674

The balance of each of the Group 1 accounts approved for disposition shall be transferred to the applicable principal and carrying charge sub-accounts of Account 1595. Such transfer shall be pursuant to the requirements specified in the *Accounting Procedures Handbook for Electricity Distributors*.<sup>14</sup> The date of the transfer must be the same as the effective date for the associated rates, which is generally the start of the rate year.

The OEB approves these balances to be disposed through final rate riders, charges, or payments, as calculated in the Rate Generator Model. The final rate riders, charges, and payments, as applicable, will be in effect over a one-year period from May 1, 2023 to April 30, 2024.<sup>15</sup>

<sup>14</sup> Article 220, Account Descriptions, Accounting Procedures Handbook for Electricity Distributors, effective January 1, 2012

<sup>15</sup> 2023 IRM Rate Generator Model Tab 6.1 GA, Tab 6.1a GA Allocation, Tab 6.2 CBR B, Tab 6.2a CBR B\_Allocation and Tab 7 Calculation of Def-Var RR

## 7. LOST REVENUE ADJUSTMENT MECHANISM VARIANCE ACCOUNT

The OEB has historically utilized a Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) to capture a distributor's revenue implications resulting from differences between actual and forecast conservation and demand management (CDM) savings included in its last OEB-approved load forecast. The use of the LRAMVA is no longer the default approach for CDM activities.<sup>16</sup>

Distributors delivered CDM programs to their customers through the Conservation First Framework (CFF) that began on January 1, 2015, until March 20, 2019, when the CFF was revoked.<sup>17</sup>

Distributors filing an application for 2023 rates are required to seek disposition of all outstanding LRAMVA balances related to program savings related to CFF programs or other conservation programs they delivered, unless they do not have complete information on eligible program savings.<sup>18</sup>

Welland Hydro has applied to dispose of its LRAMVA debit balance of \$89,719. The balance consists of lost revenues from 2017 to 2022 from CDM programs delivered during the period from 2017 to 2022 and carrying charges. The actual conservation savings claimed by Welland Hydro under the CFF were validated with reports from the IESO, project level savings files, or both.

Actual conservation savings were compared against Welland Hydro's forecasted conservation savings of 4,350,000 kWh included in its last OEB-approved load forecast.<sup>19</sup>

Welland Hydro also applied for approval of LRAM-eligible amounts for the years 2023 to 2024 on a prospective basis, arising from persisting savings from completed CDM programs.

### Findings

The OEB finds that Welland Hydro's LRAMVA balance has been calculated in accordance with the OEB's CDM-related guidelines and updated LRAMVA policy. The

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<sup>16</sup> Conservation and Demand Management Guidelines for Electricity Distributors, December 20, 2021, chapter 8.

<sup>17</sup> On March 20, 2019 the Minister of Energy, Northern Development and Mines issued separate Directives to the OEB and the IESO.

<sup>18</sup> Chapter 3 Filing Requirements, section 3.2.6.1

<sup>19</sup> EB-2016-0110, Decision and Rate Order, May 4, 2017

OEB approves the disposition of Welland Hydro's LRAMVA debit balance of \$89,719, as set out in Table 7.1 below.

**Table 7.1 LRAMVA Balance for Disposition**

Account Name	Account Number	Actual CDM Savings (\$) A	Forecasted CDM Savings (\$) B	Carrying Charges (\$) C	Total Claim (\$) D=(A-B)+C
LRAMVA	1568	250,094	163,202	2,827	89,719

The OEB also approves the LRAM-eligible amounts for the years 2023 to 2024, arising from persisting savings from completed CDM programs, as set out in Table 7.1 below. These amounts will be adjusted mechanistically by the approved inflation minus X factor applicable to IRM applications in effect for a given year, and recovered through a rate rider in the corresponding rate year, beginning with the 2023 rate year. For the 2023 rate year, the OEB approves the requested LRAM-eligible amount of \$22,126<sup>20</sup> a debit to be recovered from customers, and the associated rate riders. Should Welland Hydro rebase in, or prior to, the last year in table 7.2, amounts shown in table 7.2 in the year of rebasing or later will not be recoverable, as any persisting impacts of CDM can be taken into consideration in setting new base rates.

**Table 7.2 LRAM-Eligible Amounts for Prospective Disposition**

Year	LRAM-Eligible Amount (in 2022 \$)
2023	21,337
2024	21,275

<sup>20</sup> This amount is arrived at by applying the applicant's approved rate adjustment of 3.70% for the 2023 rate year to the applicant's approved 2023 LRAM-eligible amount of \$21,337 calculated based on the rates in effect for 2022.

## 8. IMPLEMENTATION

This Decision is accompanied by a Rate Generator Model, applicable supporting models, and a Tariff of Rates and Charges (Schedule A). The Rate Generator Model also incorporates the rates set out in Table 8.1.

**Table 8.1: Regulatory Charges**

Rate	per kWh
Rural or Remote Electricity Rate Protection (RRRP)	\$0.0007
Wholesale Market Service (WMS) billed to Class A and B Customers	\$0.0041
Capacity Based Recovery (CBR) billed to Class B Customers	\$0.0004

Each of these rates is a component of the “Regulatory Charge” on a customer’s bill, established annually by the OEB through a separate, generic order. The RRRP and WMS rates were set by the OEB on December 8, 2022.<sup>21</sup>

The Smart Metering Entity Charge is a component of the “Distribution Charge” on a customer’s bill, established by the OEB through a separate order. The Smart Metering Entity Charge was set by the OEB at \$0.42 on September 8, 2022.<sup>22</sup>

<sup>21</sup> EB-2022-0269, Decision and Order, December 8, 2022

<sup>22</sup> EB-2022-0137, Decision and Order, September 8, 2022

## 9. ORDER

### THE ONTARIO ENERGY BOARD ORDERS THAT

1. The Tariff of Rates and Charges set out in Schedule A of this Decision and Rate Order is approved effective May 1, 2023, for electricity consumed or estimated to have been consumed on and after such date. Welland Hydro shall notify its customers of the rate changes no later than the delivery of the first bill reflecting the new rates.

**DATED** at Toronto, [DATE]

**ONTARIO ENERGY BOARD**

*[Draft]*

Nancy Marconi  
Registrar

**SCHEDULE A**  
**DECISION AND RATE ORDER**  
**WELLAND HYDRO-ELECTRIC SYSTEM CORP**  
**TARIFF OF RATES AND CHARGES**  
**EB-2022-0068**  
**[DATE]**

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2023

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2022-0068

### RESIDENTIAL SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to residential customers residing in detached or semi-detached units, as defined in the local zoning by-law. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	30.87
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until April 30, 2024	\$/kWh	0.0002
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kWh	0.0013
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until April 30, 2024 Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0115
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0083

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25



# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2023

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EB-2022-0068

### GENERAL SERVICE LESS THAN 50 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to commercial buildings taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW. Commercial buildings are defined as buildings, which are used for purposes other than resident dwellings. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	35.25
Smart Metering Entity Charge - effective until December 31, 2027	\$	0.42
Distribution Volumetric Rate	\$/kWh	0.0104
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until April 30, 2024	\$/kWh	0.0005
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kWh	0.0014
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until April 30, 2024 Applicable only for Class B Customers	\$/kWh	(0.0001)
Rate Rider for Prospective LRAMVA Disposition (2023) - effective until April 30, 2024	\$/kWh	0.0001
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0101
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0070

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

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EB-2022-0068

### GENERAL SERVICE 50 TO 4,999 KW SERVICE CLASSIFICATION

This classification refers to the supply of electrical energy to commercial buildings whose monthly average peak demand is equal to or greater than, or is forecast to be equal to or greater than, 50 kW but less than 5,000 kW. Commercial buildings are defined as buildings, which are used for purposes other than resident dwellings. Class A and Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of WMS - Sub-account CBR Class B is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new Class B customers.

If included in the following listing of monthly rates and charges, the rate rider for the disposition of Global Adjustment is only applicable to non-RPP Class B customers. It is not applicable to wholesale market participants (WMP), customers that transitioned between Class A and Class B during the variance account accumulation period, or to customers that were in Class A for the entire period. Customers who transitioned are to be charged or refunded their share of the variance disposed through customer specific billing adjustments. This rate rider is to be consistently applied for the entire period to the sunset date of the rate rider. In addition, this rate rider is applicable to all new non-RPP Class B customers.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

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EB-2022-0068

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	320.90
Distribution Volumetric Rate	\$/kW	3.4603
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until April 30, 2024	\$/kW	0.1624
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024 Applicable only for Non-Wholesale Market Participants	\$/kW	0.1248
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kW	0.3845
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until April 30, 2024 Applicable only for Class B Customers	\$/kW	(0.0493)
Rate Rider for Prospective LRAMVA Disposition (2023) - effective until April 30, 2024	\$/kW	0.0536
Retail Transmission Rate - Network Service Rate	\$/kW	3.4333
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.7411

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2023

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EB-2022-0068

### UNMETERED SCATTERED LOAD SERVICE CLASSIFICATION

This classification refers to an account taking electricity at 750 volts or less whose monthly average peak demand is less than, or is forecast to be less than, 50 kW and the consumption is unmetered. Unmetered or flat connections are permitted with the approval of Welland Hydro-Electric System Corp. Engineering Department. Flat rate connects may include, but are not limited to, Traffic Lights, Street Lights, Bus Shelters, and Signs. Energy consumption is determined by information provided by the customer and/or load measurement taken by Welland Hydro-Electric System Corp. following connection of the flat service. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

#### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

#### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	11.76
Distribution Volumetric Rate	\$/kWh	0.0077
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kWh	0.0014
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until April 30, 2024 Applicable only for Class B Customers	\$/kWh	(0.0001)
Retail Transmission Rate - Network Service Rate	\$/kWh	0.0101
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kWh	0.0070

#### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2023

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2022-0068

### SENTINEL LIGHTING SERVICE CLASSIFICATION

This classification refers to an account for roadway lighting not classified as unmetered or street lighting. The consumption for the customer will be based on the calculated connected load times a twelve hour day times the applicable billing period. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per connection)	\$	4.32
Distribution Volumetric Rate	\$/kW	9.6970
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kWh	(0.0037)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kW	0.5245
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until April 30, 2024 Applicable only for Class B Customers	\$/kW	(0.0467)
Retail Transmission Rate - Network Service Rate	\$/kW	3.2144
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2601

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2023

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2022-0068

### STREET LIGHTING SERVICE CLASSIFICATION

This classification refers to the Street Lighting system owned by the City of Welland. Welland Hydro-Electric System Corp. provides new installations and maintenance of the street lighting system, as required by the City of Welland. Class B consumers are defined in accordance with O. Reg. 429/04. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

Unless specifically noted, this schedule does not contain any charges for the electricity commodity, be it under the Regulated Price Plan, a contract with a retailer or the wholesale market price, as applicable. In addition, the charges in the MONTHLY RATES AND CHARGES - Regulatory Component of this schedule do not apply to a customer that is an embedded wholesale market participant.

It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge (per device)	\$	0.68
Distribution Volumetric Rate	\$/kW	2.8724
Rate Rider for Disposition of Global Adjustment Account (2023) - effective until April 30, 2024 Applicable only for Non-RPP Customers	\$/kW	(0.0037)
Rate Rider for Disposition of Lost Revenue Adjustment Mechanism Variance Account (LRAMVA) (2023) - effective until April 30, 2024	\$/kW	(7.7283)
Rate Rider for Disposition of Deferral/Variance Accounts (2023) - effective until April 30, 2024	\$/kW	0.4982
Rate Rider for Disposition of Capacity Based Recovery Account (2023) - effective until April 30, 2024 Applicable only for Class B Customers	\$/kW	(0.0465)
Rate Rider for Prospective LRAMVA Disposition (2023) - effective until April 30, 2024	\$/kW	(1.1912)
Retail Transmission Rate - Network Service Rate	\$/kW	3.2074
Retail Transmission Rate - Line and Transformation Connection Service Rate	\$/kW	2.2550

### MONTHLY RATES AND CHARGES - Regulatory Component

Wholesale Market Service Rate (WMS) - not including CBR	\$/kWh	0.0041
Capacity Based Recovery (CBR) - Applicable for Class B Customers	\$/kWh	0.0004
Rural or Remote Electricity Rate Protection Charge (RRRP)	\$/kWh	0.0007
Standard Supply Service - Administrative Charge (if applicable)	\$	0.25

# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2023

This schedule supersedes and replaces all previously approved schedules of Rates, Charges and Loss Factors

EB-2022-0068

### microFIT SERVICE CLASSIFICATION

This classification applies to an electricity generation facility contracted under the Independent Electricity System Operator's microFIT program and connected to the distributor's distribution system. Further servicing details are available in the distributor's Conditions of Service.

### APPLICATION

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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### MONTHLY RATES AND CHARGES - Delivery Component

Service Charge	\$	11.00
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# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2023

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EB-2022-0068

### ALLOWANCES

Transformer Allowance for Ownership - per kW of billing demand/month	\$/kW	(0.70)
Primary Metering Allowance for Transformer Losses - applied to measured demand & energy	%	(1.00)

### SPECIFIC SERVICE CHARGES

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#### Customer Administration

Arrears certificate	\$	15.00
Statement of account	\$	15.00
Request for other billing information	\$	15.00
Easement letter	\$	15.00
Account history	\$	15.00
Returned cheque (plus bank charges)	\$	15.00
Charge to certify cheque	\$	15.00
Legal letter charge	\$	15.00
Account set up charge/change of occupancy charge (plus credit agency costs if applicable)	\$	30.00
Special meter reads	\$	30.00
Meter dispute charge plus Measurement Canada fees (if meter found correct)	\$	30.00

#### Non-Payment of Account

Late payment - per month (effective annual rate 19.56% per annum or 0.04896% compounded daily rate)	%	1.50
Reconnection at meter - during regular hours	\$	65.00
Reconnection at meter - after regular hours	\$	185.00

#### Other

Specific charge for access to the power poles - \$/pole/year (with the exception of wireless attachments)	\$	36.05
Meter upgrade requested by customer plus installation-per month plus installation on a time and material basis	\$	10.00



# Welland Hydro-Electric System Corp.

## TARIFF OF RATES AND CHARGES

Effective and Implementation Date May 1, 2023

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EB-2022-0068

### RETAIL SERVICE CHARGES (if applicable)

The application of these rates and charges shall be in accordance with the Licence of the Distributor and any Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, which may be applicable to the administration of this schedule.

No rates and charges for the distribution of electricity and charges to meet the costs of any work or service done or furnished for the purpose of the distribution of electricity shall be made except as permitted by this schedule, unless required by the Distributor's Licence or a Code or Order of the Ontario Energy Board, and amendments thereto as approved by the Ontario Energy Board, or as specified herein.

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It should be noted that this schedule does not list any charges, assessments, or credits that are required by law to be invoiced by a distributor and that are not subject to Ontario Energy Board approval, such as the Global Adjustment and the HST.

Retail Service Charges refer to services provided by a distributor to retailers or customers related to the supply of competitive electricity.

One-time charge, per retailer, to establish the service agreement between the distributor and the retailer	\$	111.66
Monthly Fixed Charge, per retailer	\$	44.67
Monthly Variable Charge, per customer, per retailer	\$/cust.	1.11
Distributor-consolidated billing monthly charge, per customer, per retailer	\$/cust.	0.66
Retailer-consolidated billing monthly credit, per customer, per retailer	\$/cust.	(0.66)
Service Transaction Requests (STR)		
Request fee, per request, applied to the requesting party	\$	0.56
Processing fee, per request, applied to the requesting party	\$	1.11
Request for customer information as outlined in Section 10.6.3 and Chapter 11 of the Retail Settlement Code directly to retailers and customers, if not delivered electronically through the Electronic Business Transaction (EBT) system, applied to the requesting party		
Up to twice a year	\$	no charge
More than twice a year, per request (plus incremental delivery costs)	\$	4.47
Notice of switch letter charge, per letter (unless the distributor has opted out of applying the charge as per the Ontario Energy Board's Decision and Order EB-2015-0304, issued on February	\$	2.23

### LOSS FACTORS

If the distributor is not capable of prorating changed loss factors jointly with distribution rates, the revised loss factors will be implemented upon the first subsequent billing for each billing cycle.

Total Loss Factor - Secondary Metered Customer < 5,000 kW	1.0476
Total Loss Factor - Primary Metered Customer < 5,000 kW	1.0371