



Understanding Your Bill

A Resource for Net-metering Customers

Summerland's Distributed Generation Program allows residential customers to apply for what is called "net-metering" whereby excess energy generated by their home-based energy systems (e.g., solar panels) can be sold back to the Summerland Electrical Utility.

This resource has been created to help customers participating in this program understand how to interpret the information provided on their electricity bills.

There are three values that are important to understand:

A: Energy Consumed – The total amount of grid-delivered electricity (measured in kilowatt hours [kWh]) your property used in the billing period. This is electricity you pulled from the utility.

B: Energy Delivered - The total amount of electricity (measured in kilowatt hours [kWh]) your property sent back to the grid in the billing period. This is electricity you provided to the utility. This value is not shown on your bill.

Note: This value will almost always be different than what is shown on your solar panel monitoring software, as the energy produced by the panels is first used by the building and then any extra energy is what is sent back to the grid.

C: Net Energy – The total amount of energy consumed minus the total amount of energy delivered. This is the electricity you are billed for.

Each month, two readings are taken from your bi-directional meter: the energy consumed (A) and the energy delivered (B). The Finance department then develops your bill based on the difference between these values (C). In all cases, the maximum available amount of kWh delivered will be credited to your bill.

If you have delivered more kWh than you have consumed, your consumption will be "netted out" to zero via a credit (retail rate), and any additional kWh delivered will be "banked" for use in future months. See Example Bill #1 below.

If you have consumed more kWh than you have delivered, you will be billed for the additional kWh (retail rate). If you have available 'banked' kWh, they will be automatically applied as a credit. See Example Bill #2 below.

At the end of the calendar year, any "banked" kWh remaining will be credited to your account at the wholesale rate for energy.



Monthly Utility Invoice

Account #: 025 0005000 000
 Service Address: 123 SOLAR WAY

Roll: 325 00000.000 Billing Date: 31-Jul-2021 Bill From: 01-Jul-2021
 Batch #: 2021073101 Bill To: 31-Jul-2021

Due Date : 28-Aug-2021



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Make Cheque Payable to
 DISTRICT OF SUMMERLAND

Enter Amount Enclosed



* 1 4 8 . 1 8 *

Account Balance \$ 156.76
 Discount By 28-Aug-2021 \$ 8.58
Amount Due \$ 148.18

Please detach and return top portion with payment. Retain bottom portion for your records.

Account #: 025 0005000 000
 Service Address: 123 SOLAR WAY

Roll: 325 00000.000 Billing Date: 31-Jul-2021 Bill From: 01-Jul-2021
 Batch #: 2021073101 Bill To: 31-Jul-2021

Account Details From: 01-Jul-2021				ACCESS CODE 5696	
Code	Description	Date	Units	Amount	
			Balance Forward As Of : 01-Jul-2021		133.45
02 NET	Electricity Net Meter Rebate	31/07/21	1.00		-66.75
02 E01	Electricity - Residential Rate	31/07/21	1.00		85.77
50000	21/07/21 Current Reading: 1500.00	27/06/21 Prev. Reading: 1000.00	Consumption:	500.00 KWH	
	Basic Fee @ 19.02	19.02			
	Consumption 500.00 @ 0.13350000	66.75			
		<u>85.77</u>			
02 GST	GST - R119439461	31/07/21			4.29
				Current Levy	90.06

B: Energy Delivered

In this example, the property delivered 800 kWh in the billing period.

The delivered amount is not shown on the bill; however, it is tracked by the Finance department for each property.

C: Net Energy

In this example, the property delivered 800 kWh in the billing period and consumed 500 kWh. Therefore, the full consumption is "netted out" by applying a credit for 500 kWh.

The remaining 300 kWh are added to the customer's "bank" to be used in future months. The banked amount is not shown on the bill; however, it is tracked by the Finance department for each property.

Account Balance \$ 156.76
 Discount By 28-Aug-2021 \$ 8.58
Amount Due \$ 148.18

Due Date : 28-Aug-2021

DISTRICT OF SUMMERLAND
BOX 159 13211 HENRY AVE
SUMMERLAND BC V0H 1Z0

Phone: (250) 494-6451
 Fax: (250) 494-1415

Example Bill #2



Monthly Utility Invoice

Account #: 025 0005000 000
 Service Address: 123 SOLAR WAY

Roll: 325 00000.000 Billing Date: 30-Jun-2021 Bill From: 01-Jun-2021
 Batch #: 2021063001 Bill To: 30-Jun-2021

Due Date : 28-Jul-2021



* U B 0 2 5 0 0 0 5 0 0 0 0 0 *

Make Cheque Payable to
 DISTRICT OF SUMMERLAND

Enter Amount Enclosed



* 1 1 8 . 2 0 *

Account Balance \$ 133.45
 Discount By 28-Jul-2021 \$ 15.25
Amount Due \$ 118.20

Please detach and return top portion with payment. Retain bottom portion for your records.

Account #: 025 0005000 000
 Service Address: 123 SOLAR WAY

Roll: 325 00000.000 Billing Date: 30-Jun-2021 Bill From: 01-Jun-2021
 Batch #: 2021063001 Bill To: 30-Jun-2021

Account Details From: 01-Jun-2021				ACCESS CODE 5696	
Code	Description	Date	Units	Amount	
02 NET	Electricity Net Meter Rebate	30/06/21	1.00	-26.70	
02 E01	Electricity - Residential Rate	30/06/21	1.00	152.52	
50000	27/06/21 Current Reading: 1000.00	27/05/21 Prev. Reading: 0.00		Consumption: 1000.00 KWH	
	Basic Fee @ 19.02			19.02	
	Consumption 1000.00 @ 0.13350000			133.50	
				<u>152.52</u>	
02 GST	GST - R119439461	30/06/21		7.63	
				<u>Current Levy 160.15</u>	

A: Energy Consumed
 In this example, the property consumed 1,000 kWh in the billing period.

A charge for this amount is added to the bill.

B: Energy Delivered

In this example, the property delivered 200 kWh in the billing period.

The delivered amount is not shown on the bill; however, it is tracked by the Finance department for each property.

C: Net Energy

In this example, the property delivered 200 kWh in the billing period and consumed 1,000 kWh. Therefore, a credit for 200 kWh is applied and no kWh are available to be added to the customer's "bank."

The net charge for this bill is 800 kWh (1,000-200 = 800).

Account Balance \$ 133.45
 Discount By 28-Jul-2021 \$ 15.25
Amount Due \$ 118.20

Due Date : 28-Jul-2021

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DEY, SONNY
 SUMMERLAND BC