



Longmont Power & Communications Solar Customer Packet



nextLight™
LONGMONT'S BROADBAND

Congratulations!

We're glad to have you as a new Solar Photovoltaic (PV) customer. By making this upgrade and using the sun to generate your home's electricity, you're also setting a shining example for your community in your energy choices.

Understanding your energy statement will allow you to make the most of your new Solar PV system and we want to make sure you have all the necessary information to make that happen. Longmont Power & Communications (LPC), your community-owned not-for-profit utility, sets rates based on the cost of service for each rate class. Customers with Solar PV panels fall under the Residential Self Generation Rate (RGEN) found in section 14.32.040 of the City of Longmont Municipal Code. This rate includes a monthly customer charge and a kilowatt-hour rate for energy purchased from us and the same kilowatt-hour rate for energy we purchase from you.

LPC will "net meter" all electric power and energy produced by an RGEN customer's generation system. Net metering shall be, for billing purposes, the net consumption as measured at the service meter. Consumption is measured monthly and in the event net metering is negative - such that the customer generates more energy than they consume - the net negative consumption will be treated as a credit for future billing periods. All monthly credits shall be accumulated against all consumption annually. If a negative balance remains at the end of a calendar year, LPC will pay the customer for such negative balance at the RGEN retail energy rate as set forth in Section 14.32.040B.2.a.

Included in this packet are sample bills with details on how each section is calculated. If you have more detailed questions, please call Customer & Energy Services at 303.651.8386.



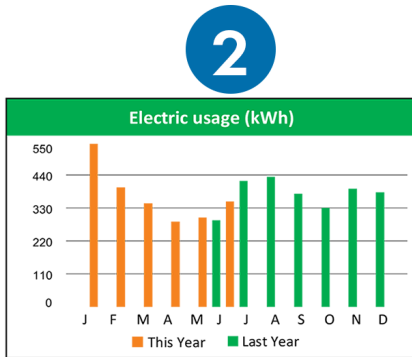
EXAMPLE MONTHLY STATEMENTS

STATEMENT FOR UTILITY SERVICES



| | |
|-------------------------------|----------------|
| Electric subtotal | \$5.86 |
| Monthly service fee | \$21.60 |
| 3.53% city sales tax | \$0.97 |
| TOTAL ELECTRIC SERVICE | \$28.43 |

1. Electric Services - This section displays a snapshot of your total electric charges for the month. The electric subtotal amount is the charge for the net amount of energy you used for the month. A more detailed breakdown of these charges is available on the next page. The monthly service fee is the charge to cover 100% of the fixed costs associated with self-generation customers. If you live within city limits, your bill will include city sales tax on your electric services.



2. Electric Usage (kWh) - This graph illustrates 24 months of electric usage in kilowatt hours (kWh). It only displays the amount of kWh that you are drawing from LPC, it does not show the amount of kWh your system put back onto the grid or the amount of kWh that your system produced and you used during the month.

Note: Before your Solar PV system is activated, LPC will install a new meter with net metering capabilities which will cause this graph to reset. To see historical usage information, you can refer to previous bills or contact our Customer & Energy Services Division.

More electric usage than generation



CITY OF LONGMONT STATEMENT FOR UTILITY SERVICES

ELECTRIC USAGE DETAIL

RESIDENTIAL ENERGY CHARGES 11/15/17 - 12/15/17

| | USAGE IN KWH | RATE | COST |
|---|-----------------|---------|----------|
| Meter | | | |
| Self Generation | | | |
| Level 1 | 696 | 0.06510 | \$45.31 |
| Level 2 | 41 | 0.07550 | \$3.10 |
| Net Generation credit (Banked Consumption -) | | | |
| Level 1 | -479 | 0.06510 | -\$31.18 |
| ELECTRIC SUBTOTAL | | | \$17.23 |

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3. Energy Usage - The top section of the electric usage detail shows the amount of energy used from LPC's grid in kWh for the month, and the associated charge. Here, the customer consumed a total of 737 kWh of energy from LPC's grid.

4. Energy Generation - The bottom section displays the amount of energy put back onto LPC's grid in kWh, and the associated credit. This is not the amount of energy your PV system is generating, it is only the amount that your system generates in excess of what you are using at the time of generation. In this example, the customer sold 479 kWh of energy back to LPC.

More electric generation than usage



CITY OF LONGMONT

STATEMENT FOR UTILITY SERVICES

ELECTRIC USAGE DETAIL

RESIDENTIAL ENERGY CHARGES 05/14/18 - 06/13/18

| | USAGE IN KWH | RATE | COST |
|--|-----------------|---------|----------|
| Meter | | | |
| Self Generation | | | |
| 5 Level 1 | 351 | 0.06510 | \$22.85 |
| 6 Net Generation credit (Banked Consumption - 1071) | | | |
| 7 Level 1 | -351 | 0.06510 | -\$22.85 |
| ELECTRIC SUBTOTAL | | | \$0.00 |

5. Energy Usage - The top section of the electric usage detail shows how much energy (in kWh) from LPC's grid has been used this month, and the associated charge. In this example, the customer consumed 351 kWh of energy from LPC's grid.

7. Generation Credit - This section shows how much of this month's energy usage has been offset by the customer's solar PV system. This total will never exceed the total in the top section because any excess will go to the Banked Consumption amount.

6. Net Generation Credit (Banked Consumption) -

This is a cumulative total, showing how much "extra" energy your solar PV system has generated so far this year, beyond the amount you've used for yourself. This customer has banked 1,071 kWh to date.

So what is this good for? If you've built up a credit, it can be applied to future months when your solar PV system generates less electricity than you need. For example, say that next month this customer used 500 kWh of energy from the grid but only generated 200 kWh from solar PV. They would use 300 kWh of their "banked consumption" to set their energy charges to zero. Their banked consumption would then be reduced from 1,071 kWh to 771 kWh.

Compare this total to your prior month's energy bill to see how much has been added or subtracted from your "bank." If there is a Banked Consumption amount left at the end of the year, a credit will be given for the balance. The bank then starts over, showing no balance.

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FAQs

Have a question? Check out our renewable energy page to see answers to the questions solar customers ask most frequently.

Visit www.longmontcolorado.gov/lpc



Support

If you have more questions or experience any issues with your statement, we are here to help. Give us a call. 303.651.8386



Share your Story

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