Sample School Electric Bill

Constellation
An Exelon Company

Nov 27, 2018 (1)

Customer Bill

ABC Elementary School
Anytown, USA

Your Electric Company

Billing and Payment Summary

Account # 000-1234 (2) **Due Date: Jan 02, 2019** (3)

Total Amount Due: $ 7,462.61 (4)

To avoid a Late Payment Charge of 1.5% please pay by Jan 02, 2019

Previous Amount Due:	$ 8,152.93
Payments as of Nov 27:	$ 8,152.93

Meter and Usage

Current Billing Days: 34

Billable Usage

Schedule 130	*10/23 - 11/26* (12)
Total kWh	12192
Dist Demand	61.0 (10)
Demand	57.0
Schedule 130	*10/23 - 11/26*
Total kWh	69888
Dist Demand	272.0 (10)
Demand	259.0

Measured Usage (5)

Meter: 000-1234	*10/23 - 11/26*
Current Reading	4147
Previous Reading	4020
Total kWh	12192 (6)
Current Reading	.60
Demand	57.60 (11)
Multiplier: 96	
Meter: 111-4567	*10/23 - 11/26*
Current Reading	51746
Previous Reading	51382
Total kWh	69888 (6)
Current Reading	1.35
Demand	259.20 (11)
Multiplier: 192	

Usage History

Explanation of Bill Detail

Your Electric Company 1-800-123-4567

Previous Balance	8,152.93	
Payment Received	8,152.93	
BALANCE FORWARD		0
Non-Residential Service (Schedule 130)	*10/23 - 11/26*	
Distribution Service		
Basic Customer Charge		86.52
Distribution Demand		206.29
(13) Electricity Supply Service (ESS)		
ESS Adjustment Charge		83.93 CR
Electricity Supply kWh		214.94
ESS Demand Charge		558.85 (7)
Fuel Charge		353.81
Sales and Use Surcharge		2.68 (8)
Non-Residential Service (Schedule 130)	*10/23 - 11/26*	
(14) Distribution Service		
Basic Customer Charge		86.52
Distribution Demand		919.87
Electricity Supply Service (ESS)		
ESS Adjustment Charge		374.243 CR
Electricity Supply kWh		909.41
ESS Demand Charge		2,539.36 (7)
Fuel Charge		2,058.15
Sales and Use Surcharge		13.38 (8)
TOTAL CURRENT CHARGES		7,463.61 (9)
TOTAL ACCOUNT BALANCE		7,463.61 (4)

For service emergencies and power outages, call 1-800-123-4567.

Mailed on Nov 28, 2018

Please detach and return this payment coupon with your check made payable to Your Electric Company.

Payment Coupon

Bill Date Nov 27, 2018 (1)

Please Pay by 01/02/2019 (3)
$ 7,463.54 (4)

Amount Enclosed

Account # 000-1234 (2)

Send payment to:

ABC Elementary School
123 Main Street
Anytown, USA 98765

Your Electric Company
PO BOX 123456
Anytown, USA 98765

01166005000 0000000009368 6868686 0001234 11272007

Sample School Electric Bill Explanation and Discussion

Explanation

1. Bill mailing date
2. Customer account number
3. Payment due date
4. Total amount due
5. Meter readings by date in kilowatt-hours (note that there are two meters on this bill)
6. Actual kilowatt-hours consumed
7. Cost of the electricity consumed
8. Sales and use surcharge
9. Total current charges
10. Demand. This is a measurement of the rate at which electricity is used. The monthly demand is based on the 15 minutes during a billing period with the highest average kilowatt use. Demand charges are designed to collect some of the generation and transmission-related costs necessary to serve a particular group or class of customers.
11. Actual demand for the meter
12. Schedule 130. A rate class that determines how much is paid per kWh of usage and kW demand
13. Electricity supply service. Customers are billed for the electricity supply and the delivery of the electricity. The supply charge reflects the cost of generating the electricity at the power plant.
14. Distribution service. The delivery charge reflects the cost of delivering the electricity from the power plant to the customer.

Discussion

The appearance of utility bills will be different from one utility to the next, but they typically contain the same information. The rate that a school or other commercial building pays for electricity is determined by measuring two items: the electrical energy usage, in kilowatt-hours, and the electrical energy demand, measured in kilowatts.

The demand is the maximum amount of power that the building needed within a time frame. The higher the total amount of kilowatts being used at any given time by a building, the higher this charge is. Demand can be reduced by rescheduling when high energy devices are running, or scheduling them such that their use is spread out evenly throughout the day. For example, vacuum cleaners or other appliances with high energy motors can be run after school is over, when other devices are turned off. Professional energy managers can make recommendations about this scheduling, or some other changes that can help a building's occupants reduce the demand portion of their electric bill.

The energy use portion is how much electrical energy, in kilowatt-hours, is used in total during the billing period. The more devices turned on and running, the higher the energy use charge is. This portion of the utility bill can be reduced by turning off unnecessary items or installing more efficient equipment. For example, computer monitors in a school computer lab can be turned off at the end of the school day, or ENERGY STAR®appliances can be used in place of older, less efficient models.

Ask your teacher, principal, or building manager for a copy of the school's electric bill, and identify as many of the above items on it as you can. If you have more than one building in your school district, see if you can get bills for other buildings to compare. Talk about ways you as students can help reduce both the demand as well as the energy use portions of your school's utility costs.