

HOW TO CALCULATE AN ELECTRIC BILL

Electric bills have seen a jump in costs recently that have many of our customers taking note. In an effort to explain how the electric bill is calculated, the procedure is listed below. To figure an electric bill, you need to know these things:

1. Is it residential or commercial?
2. How many kilowatts were consumed?
3. How many days were in the billing cycle?

The first one is easy. Most of St. Clairsville customers are residential customers, meaning the service address is a place where people reside or live. Commercial accounts are for stores or businesses being run from a home.

Electric meters are read each month. The current reading is subtracted from the previous reading to determine the kilowatts consumed. These are recorded on the utility bill in the “CONSUMPTION” column.

Utility meters are read each month but not necessarily on the same day. Therefore, the number of days in a billing cycle will vary. The billing period is listed on the bill directly above the shaded center section. It reads “ELECTRIC SERVICE FOR THE PERIOD OF” followed by two dates.

Although the computer system automatically calculates the number of days based on these two dates, it is easy to figure manually. In this example, the reading dates are 06/21/06 to 07/24/06. To determine the number of days, start with the first date, June 21. There are 30 days in June, subtract 21 days from 30 to get 9 days. Then add the 24 days that are in the second date, July 24th.

9 (days in June) + 24 (days in July) = 33 days.

For the example below, there are 1073 kilowatts consumed for 33 days and it is a residential meter.

ELECTRIC SERVICE FOR THE PERIOD OF 06/21/06 TO 07/24/06								
WATER/WASTEWATER SERVICE FOR THE PERIOD OF 06/21/06 TO 07/24/06								
SERVICE	RATE CODE	TYPE OF READING	CURRENT READING	PREVIOUS READING	METER MULTIPLIER	CONSUMPTION	UNIT OF MEASURE	CHARGES
E	ER	ACT	4381	3308	1	1073	KWH	98.76
			INCLUDES PPA CREDIT OF: 21.46-					
			INCLUDES KWH-TAX OF: 4.99					
R	WRI	ACT	126	118		8	GAL	46.98
	SRI	ACT				8	GAL	43.10
WATER/WASTEWATER BILLED BY THOUSANDS								
ACCOUNT NO.: A11-34720-04			AMOUNT DUE BY 08/23/06			198.84		
SERVICE TO: [REDACTED]			AMOUNT DUE AFTER ABOVE DATE			207.72		
LAST PAYMENT: 75.91 07/13/06			POWER COST ADJUSTMENT: .048600					

Payment must be received in the City Building by 4:30 pm on the due date to avoid 10% penalty.

To figure the residential electric bill, follow these steps.

1. Begin with the monthly service fee of \$1.50 \$1.50
 2. The first 1000 Kilowatts is \$.058 per kilowatt \$58.00
 3. All kilowatts over 1000 are \$.049 per kilowatt. In this example, there are 73 kilowatts over the first 1000 \$3.57
 Subtotalled, so far the bill comes to: \$63.07
 4. Kilowatt Tax is then added to the bill based on the number of kilowatts and the number of days in the billing cycle. \$4.99
 5. Next is the PPA or Purchase Power Adjustment. This changes each month based on what AEP charges the City of St. Clairsville for the power it purchases. This month's PPA is a debit of .048600. The number of kilowatts is multiplied by the PPA and added to the bill if it is a debit or subtracted from the bill if it is a credit.
- 1073 kilowatts X .04860 = \$52.16 \$52.16

Adding all these components and the total electric bill is \$98.76.