

Levelized Billing:

Levelized Billing provides a more level bill each month for a customer. With *Levelized Billing*, the monthly bill amount will automatically be recomputed each month. A separate calculation for each bill based on the *Levelized Billing* formula. A “safety calculation” has also been implemented to keep a customer’s levelized bill from “jumping” too much from one month to the next: The new levelized amount will not be more than 10% of the straight average of the last 365 days worth of bills.

Requirements:

A customer must be a member for a full year (365 days) at the same residence before being allowed to use *Levelized Billing* (gathering a year’s history).

How it’s Calculated:

$$\text{Levelized Amount} = \frac{\text{Total Amt of Prior Months' Bills} + \text{Current Month's Bill} + \text{Over Short Amt}}{\text{Total Number of Prev Months Billed} + 1} + \frac{\text{Over Short Amt}}{\text{Over Short Factor}}$$

Date Billed (365 Days)	Actual Bill Amount	Levelized Amount	Over Short Amt
6/30/17	\$176.20	\$214.22	-\$38.02
7/31/17	\$199.03	\$213.54	-\$14.51
8/31/17	\$179.92	\$210.68	-\$30.76
9/30/17	\$189.04	\$194.02	-\$4.98
10/31/17	\$147.31	\$190.96	-\$43.65
11/30/17	\$220.56	\$207.12	\$13.44
12/31/17	\$243.30	\$216.64	\$26.66
1/31/18	\$269.52	\$235.64	\$33.88
2/28/18	\$324.84	\$251.33	\$73.51
3/31/18	\$287.53	\$259.82	\$27.71
4/30/18	\$315.79	\$268.44	\$47.35
Total Prior Months:	\$2,553.04	\$2,462.41	\$90.63
Current Bill (5/31/18):	\$140.79		

Over Short Amount:

$$\frac{\$2,553.04}{\$2,462.41} = \$90.63$$

Levelized Amount Calculated if New:

$$\text{Levelized Amount} = \frac{\$2,553.04 + \$140.79 + 0}{11 + 1}$$

$$\text{Levelized Amount} = \mathbf{\$224.48}$$

Levelized Amount Calculated On Next Bill if Currently On Levelized:

$$\text{Levelized Amount} = \frac{\$2,553.04 + \$140.79 + \$90.63}{11 + 1} + \frac{\$90.63}{11.5}$$

$$\text{Levelized Amount} = 232.0383 + 7.88 = \mathbf{\$239.92}$$

Over Short Factor:

The **Absolute Value** of the Over Short Amount determines the Over Short Factor based on the following chart:

Amount	Factor
\$0.00 to \$49.99	12
\$50.00 to \$99.99	11.5
\$100.00 to \$199.99	11
\$200.00 to \$299.99	10.5
\$300 and up	10