



Understanding Your Irrigation Bill

Perennial bills irrigation service four (4) times per year. Irrigation billing periods are June, July, August and September. These bills are mailed to customers in July, August, September and October. Every irrigation service will have four (4) billings per year, regardless of the energy consumption. For example, if the irrigation service did not run during September, the last billing period, the customer will still be billed for the facility charge, purchased power demand charge and the distribution delivery demand charge.

The following is a break down of each charge element:

Facility Charge: This charge is the minimum amount that Perennial needs to collect to cover the cost of ongoing operation of the electric system facilities (i.e. poles, wire, etc.) that are needed to serve an irrigation service, even if there

is no billable demand or no electricity consumed by the customer.

Purchase Power Demand and Distribution Delivery Demand Charges: These charges are for the customer's highest measured demand (kW) during the current billing period or the three (3) monthly billing periods preceding the current billing period. For instance, to calculate the demand charge for June 2019, we would look at the current billing period, and the three (3) previous billing periods of September 2018, August 2018, and July 2018. The rate for demand charges are based on the load control option selected by the customer.

Energy Charge: This is the cost per kilowatt-hour (kWh) used by the customer.

Facilities Charge (per billing period, 4 annually)	\$80.00
Purchased Power Demand Charge (per kW for 4 billing periods)	
No Control (Rate Code 13)	\$17.25
One Day Per Week Control (Rate Code 14)	\$13.05
Anytime Control Rate (Control 15)	\$2.25
Three Days Per Week Control (Rate Code 16)	\$6.60
Pivot Wheels-Only (Rate Code 17)	\$15.00
Re-Use Pump (Rate Code 18)	\$7.55
Distribution Delivery Demand Charge (per kW for 4 billing periods)	
All Irrigation Rates (Rates 13 - 18)	\$2.00
Energy Charge (all kWh)	
Energy Charge - all kWh (Rates 13 - 18)	\$0.0755
Billing Periods - June, July, August, and September.	

The billing demand (kW) for each billing period shall be determined as follows: The customer's highest measured demand (kW) during the current billing period or the three monthly billing periods preceding the current billing period. Twenty (20) horsepower and larger motors require power factor correction capacitors to correct to 90 percent power factor, unless the electric motor is a VFD.

WELL HORSEPOWER (HP)	ESTIMATED DEMAND (kW)	APPROXIMATE ANNUAL ENERGY (kWh)	APPROXIMATE NUMBER OF RUN HOURS	RATE 13 NO CONTROL ANNUAL CHARGES	RATE 14 1 DAY CONTROL ANNUAL CHARGES	RATE 16 3 DAY CONTROL ANNUAL CHARGES	RATE 15 ANYTIME CONTROL ANNUAL CHARGES
50	37.30	15000	354	\$4324.60	\$3697.96	\$2735.62	\$2086.60
50	37.30	30000	708	\$5457.10	\$4830.46	\$3868.12	\$3219.10
60	44.76	20000	394	\$5276.52	\$4524.55	\$3369.74	\$2590.92
60	44.76	35000	689	\$6409.02	\$5657.05	\$4502.24	\$3723.42
75	55.95	30000	472	\$6893.15	\$5953.19	\$4509.68	\$3536.15
75	55.95	50000	787	\$8403.15	\$7463.19	\$6019.68	\$5046.15
100	74.60	40000	472	\$9084.20	\$7830.92	\$5906.24	\$4608.20
100	74.60	60000	708	\$10594.20	\$9340.92	\$7416.24	\$6118.20