

## Example of a typical irrigation system annual billing

If a system has the same 40 kW demand when the irrigation system runs for the months of June, July and August. The kWh usage each month is 3000, 7000, 7000 for the months of June, July and August respectively.

<u>Current Rates (as of April, 2024)</u>		
<b>Annual Service Charge</b>	$\$18.90 \times 40 \text{ kW} = \mathbf{\$756.00}$	
<u>June (controlled)</u>	<u>July (controlled)</u>	<u>August (controlled)</u>
kWh: $3000 \times \$0.068 = \$204.00$	kWh: $7000 \times \$0.068 = \$476.00$	kWh: $7000 \times \$0.068 = \$476.00$
kW: $40 \text{ kW} \times \$6.70 = \$268.00$	kW: $40 \text{ kW} \times \$6.70 = \$268.00$	kW: $40 \text{ kW} \times \$6.70 = \$268.00$
<b>Total June Charges: \$472.00</b>	<b>Total July Charges: \$744.00</b>	<b>Total August Charges: \$744.00</b>
<b>Total Annual Bill for the Season (tax not included in example)</b>		<b><u>\$2,716.00</u></b>

<u>Current Rates same scenario except the month of July is on the uncontrolled rate</u>		
<b>Annual Service Charge</b>	$\$18.90 \times 40 \text{ kW} = \mathbf{\$756.00}$	
<u>June (controlled)</u>	<u>July (uncontrolled)</u>	<u>August (controlled)</u>
kWh: $3000 \times \$0.068 = \$204.00$	kWh: $7000 \times \$0.068 = \$476.00$	kWh: $7000 \times \$0.068 = \$476.00$
kW: $40 \text{ kW} \times \$6.70 = \$268.00$	kW: $40 \text{ kW} \times \$20.15 = \$806.00$	kW: $40 \text{ kW} \times \$6.70 = \$268.00$
<b>Total June Charges: \$472.00</b>	<b>Total July Charges: \$1,282.00</b>	<b>Total August Charges: \$744.00</b>
<b>Total Annual Bill for the Season (tax not included in example)</b>		<b><u>\$3,254.00</u></b>

The calendar month of July is being billed at the uncontrolled rate, which is \$13.45 per kW higher than the controlled rate. With the peak demand of 40 kW, this is \$538.00 more than the controlled rate.