

How does the Demand Limiting Controller (DLC) reduce a Commercial Facility's HVAC Energy usage up to 30% while improving comfort and control?

There are two critical items to understand before we start:

1. Your Utility bill's two most expensive components: Demand and Usage
2. How commercial packaged HVAC controls currently operate

Let's understand your utility bill!

- Usage: the total amount of energy a facility consumes over a 30-day billing cycle
- Demand: the rate at which energy is consumed
- Demand Charge: A premium charged for the rate at which energy is consumed



Let's see how traditional HVAC controls operate



Each thermostat runs a HVAC unit independently allowing all units to operate simultaneously

All units running = A Demand event

Now, let's look at a Demand Limiting Controller



The DLC connects to each thermostat and air supply sensor, confirming all units are working correctly.

The DLC connects to the internet as well, retrieving weather data from the closest weather station and making it available via remote access to the customer portal.

This configuration allows the DLC to make intelligent, real-time decisions.

We save our customers a substantial amount of energy and money while being environmentally conscious... How do we do it?

- We input the energy requirement of each HVAC component into the DLC
- So, the DLC knows how much energy each component consumes BEFORE turning it on
- When the zone temp is comfortable, the DLC will shut off one unit before turning on another unit
- The DLC manages multi-stage units under it's patented algorithm to reduce demand and kilowatt hour use

Added Benefits:

View All Facilities At-a-Glance, Alerts, Backups, Real-Time Monitoring

- Via the DLC Portal- Users can view all facilities and critical alerts at-a-glance
- System includes real-time, out of threshold, SMS and E-mail alerts
- Daily Back up of system data
- Scheduled software/feature/OS/Security updates

How Much Will I Save?

- Hundreds of DLC installations have proven a 20%-30% reduction in utility bills
- Effective at reducing your gas heating bill as well
- The average system pays for itself in 18 months regardless of facility size

Not only do our customers experience measurable benefits to their bottom line, they do so while reducing their carbon footprint!

To learn more, visit www.saveenergysystems.com or contact Craig Yancich, National Sales, at 508-514-1100 or cyancich@saveenergysystems.com.