

Building Automation Systems and HVAC Controls

***Watt Works Can Improve Comfort and Save Money  
for your Facility***

- ***Watt Works will make your existing systems work better.***
  - 32 years HVAC and controls experience including most brands.
    - Wide access to parts, technical data and other experts.
  - We know how it should work and how to fix it or tune it up - to improve comfort, reduce maintenance needs, and **save energy and money.**
- ***Watt Works provides controls that do what you want done.***
  - Standard Web Browser for configuration and user access.
- Free & Inexpensive Software Tools and **willingness to train your personnel** on ALL of it.
  - Incorporates Software and Hardware Standards as desired, including:  
BACNet/IP - BACNet-MS/TP - LonWorks - LonMark - HTML - SNMP - Niagara
    - Can Send/Receive Emails or SMS Texts as well as allow full access via PC, Blackberry, iPhone/iPad or Android
    - Realtime Alarms/Alerts plus Historical Logging with graphing.
    - Avoid proprietary systems with costly “sole source” contracts.
- ***Watt Works offers a full range of implementation options;***

**Installation and Ongoing Support The Way You Want It:**

- Detailed plans & specs for bids from multiple installers of your choice; OR
- Wiring diagrams and initial programming for in-house implementation; OR
- Turn-key install with turnover to your staff after training; ongoing access to support; OR
  - Traditional turn-key systems, with fixed cost or T&M support and service.

• ***Watt Works has expertise in the latest technologies:***

- In house IT expertise; Windows, Linux, RAID, networks, large or small systems.
- Direct experience with Solar power and heating, from 1kW to 5MW (20 acres);
  - We understand and can document the costs, benefits and effectiveness of:  
**Advanced Lighting:** LED, Retrofits, Daylight harvesting, Occupancy Controls,  
**HVAC:** Controls, Free cooling/economizers, Variable Frequency Drives (VFD),  
Boiler/Burner Retrofits, Waste Heat Recovery, Fuel Switching,  
**Water:** Domestic & Waste reduction, Compressed air & steam improvements,  
**Utility Factors:** Rate audits, Third-party sourcing, Time of Use, Onsite Generation  
**Load Shifting:** Ice Storage, Smart Grid, Power Storage, Electric Vehicles,  
**Also:** Power Quality and Availability, Backup Power/UPS/Generator,  
Wind Power, Geothermal/Earth-Coupled, Cogeneration, Combined Heat & Power.
- **Grants, Rebates and Incentives** pursued when available.