

# 4 Benefits of Building Electrification



The electrification of everything is driving sustainability efforts and modernizing buildings by offering electric solutions that address climate change without compromising comfort or increasing energy costs.

If you're new to building electrification, read on to discover the top four benefits this innovative approach promises for the future of our buildings and energy systems.

## 1 BETTER INDOOR AIR QUALITY

Some non-electrical appliances can produce high levels of pollutants that worsen many pre-existing health issues, including COPD, asthma, cardiac disease, and diabetes. Switching to electrical equipment means less carbon byproducts and healthier indoor air.



## 2 LESS OUTDOOR AIR POLLUTION

Fossil fuel and wood-burning-based systems vent by-products outdoors to achieve a comfortable indoor air climate. This funnels potentially harmful indoor pollutants outside, adding to air pollution and carbon emissions. Fully electric infrastructure doesn't have direct carbon emissions to vent, so greenhouse gases are significantly reduced.



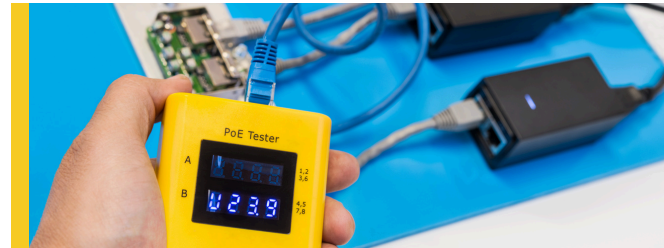
## 3 ENERGY SAVINGS

Electrical-based HVAC systems can provide efficient heating and cooling. Heat pumps, for example, can manage indoor air temperatures no matter the season. Since heat pumps are all-encompassing units, there isn't a need for more traditional furnaces. As a result, energy consumption is lessened, which translates to lower energy costs overall.



## 4 POWER OVER ETHERNET

Building electrification allows for PoE integration, which delivers power and data, simultaneously over a single ethernet cable. This streamlined solution translates into less cord clutter, supports necessary devices, and dramatically reduces energy consumption.



**Supporting  
Sustainable  
Infrastructure**

If you are considering a career in the electrical sector or want to expand your established workforce, the NECA-IBEW Local 48 partnership is here for you.

[Contact us](#) to learn more.