Building, Connecting, and Unifying Towards Sustainable Healthcare Practices

The California Energy Design Assistance Program can help you decarbonize your healthcare facility.

Contact us today to enroll and build resiliency into your project.

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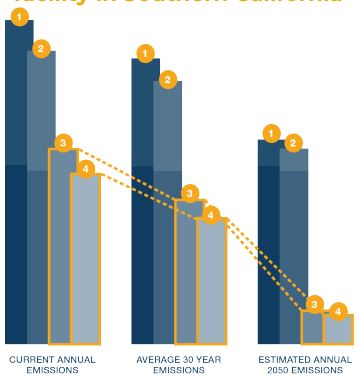
Key Electrification Measures:

- Electrify heating systems using heat pumps or variable refrigerant flow (VRF) systems
- Increase envelop performance to minimize conditioning loads
- Utilize refrigerants with low global warming potential
- Electrify water heating systems with heat pump water heaters

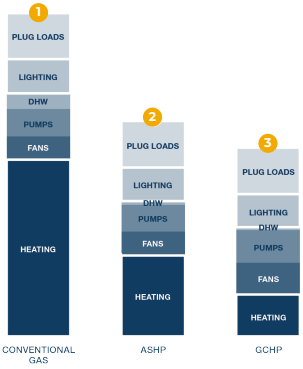
2026 Carbon emissions for a healthcare facility in Southern California



1. Baseline
2. Conventional gas AHU
3. Air source heat pump (ASHP)
4. VRF system

As time goes on and the grid gets cleaner it is apparent that higher carbon reduction strategies (like the air source heat pump and heat pump water heaters) provide the greatest carbon emissions savings over time and will become more efficient as the grid becomes cleaner.

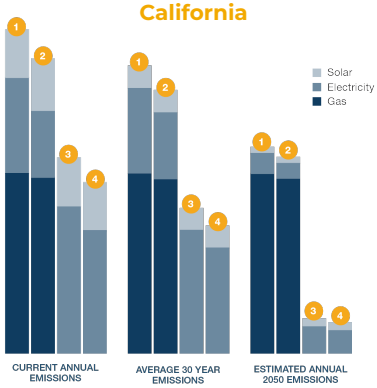
2026 Carbon emissions by building system end uses for a healthcare facility in Southern California



1. Conventional gas system
2. Air source heat pump and heat pump water heater
3. VRF system

Electrification of heating and service water end uses can promote a reduction in carbon emissions. Reduction of plug loads and electric light usage are also important carbon reduction strategies for a healthcare facility.

Carbon emissions with the addition of solar for a healthcare facility in Southern California



1. Baseline
2. Conventional gas AHU
3. Air source heat pump (ASHP)
4. VRF system

Electrifying mechanical and water heating systems are important carbon reduction strategies that will future proof your building for years to come.

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Scan to read the full case study!