



ENVIRONMENTAL HEALTH & PUBLIC HEALTH

Hospitals nationwide have adopted responsible environmental practices to benefit the health of their patients, staff, and communities. According to Practice Greenhealth, hospitals can make a big impact when they switch to renewable energy. Hospitals use 10% of all the energy to power commercial buildings in the United States, making in-patient health care the second-largest commercial energy user in the nation. At a cost of more than \$8 billion per year, the health care sector is responsible for 8.5% of U.S. greenhouse gas emissions.

Hospitals serve their mission to “do no harm,” protecting the health of their patients, staff, and community by using clean energy. According to the Joint Commission, which certifies hospitals’ sustainable practices, adopting clean energy and related improvements helps a health care facility achieve its mission in five ways:



Carilion New River Valley Medical Center's solar array doubles as sheep pasture, increasing the land's economic output.

Environmental Impact Reduction | Cost Savings | Improved Health Outcomes | Enhanced Reputation and Community Engagement | Regulatory Compliance and Risk Mitigation

HOW WE CAN HELP

SOLAR + BATTERY STORAGE = MICROGRID RESILIENCE = ENERGY SAVINGS + OPERATIONAL CONTINUITY

For more than a decade, **Secure Solar Futures** has helped hospitals in the Mid-Atlantic use solar with battery storage—and recently, adding advanced AI systems—to take control of their energy use. And all at no upfront cost through a Power Purchase Agreement or comparable financing.

ENERGY OPTIMIZATION

LOWER ENERGY COSTS

Reduce electric bills by shifting power load to cheaper times and shaving peak demand. Over 35 years, Carilion New River Valley Medical Center in Virginia will save over \$16 million in avoided electric utility costs.

RESILIENCE: RELIABLE BUT ALSO CLEAN & QUIET

Gain peace of mind with proven battery technology for reliable back-up power around the clock for critical life-saving equipment and building systems, without the noise and pollution of gasoline or diesel generators.

ENVIRONMENTAL HEALTH LEADERSHIP

Demonstrate to patients, staff, and neighbors that your facility and its operations are a positive force for clean air, clean water, and resource conservation, while meeting regulatory requirements.

CUSTOMER PRAISE

“This is an exciting project for Valley Health, consistent with our sustainability goals and our desire to be more resilient and reduce our carbon footprint. We see this as a clear win-win, harnessing the sun’s energy to supply about 20 to 25 percent of the electricity we need on our regional referral center’s campus.”

—MARK BAKER, CHFM, VICE PRESIDENT, FACILITIES MANAGEMENT & SAFETY, VALLEY HEALTH

“It reduces operational expenses, producing savings that will ultimately help to reduce health care costs for our community. Hosting a solar array on our campus also makes clean energy available to other utility customers, which helps everybody benefit from solar power.”

—NANCY HOWELL AGEE, PRESIDENT & CEO, CARILION CLINIC