

We Make Things Work[®] in Healthcare

Most hospitals and healthcare facilities rely on a combination of traditional backup diesel generators and battery storage systems, which only provide power to your most critical equipment and aren't designed for long-duration outages. That means that while your surgeries may continue uninterrupted, your patients are left in the dark. Your backup systems also go unused most of the time while your energy costs continue to rise.

What if you had a **Virtual Utility[®] providing instantaneous power for your entire facility** that could also be used as an alternative to the public utility whenever needed to help **lower your energy costs?**

e2Companies can help provide peace of mind for your patients and employees with continuous, uninterruptible power that meets utility, safety and environmental standards.



Discover your energy future

Virtual Utility[®] is the first utility-grade network that combines power generation, battery storage, and proactive energy management.

This has many benefits for healthcare companies, including:

- **Ensuring seamless reliability** and resiliency so you maintain exceptional patient care
- **Proactive energy management**, generation and strategic procurement to reduce utility costs
- **Lower fuel costs** as compared to traditional diesel backup generation
- **Reducing risk**, which may improve facility bond ratings and lower interest rates
- **The ability to install on-site EV fast-charging stations** for patients and employees
- **The potential to take advantage** of The Inflation Reduction Act (IRA) and National Electric Vehicle Infrastructure (NEVI) tax incentives, covering up to 40% of the cost of installation
- **Improving the reliability** of existing or future renewable energy sources
- **Achieving ESG goals** and contributing to a real, measurable societal return on investment

Virtual Utility[®] Components



**Reliable, Resilient,
Responsive Power Generation**

Our patented R3Di[®] System is the heart of Virtual Utility[®] – a self-contained, modular and mobile unit consists of a primed, rich-burn natural gas generator and a lithium-iron phosphate battery energy storage system, providing increments of up to **1 MW of power to your healthcare facility 24 hours a day, 7 days a week, 365 days a year.**

The system is ETL certified to UL 9540 and operates in sync with the grid or independently of it, giving facility managers the flexibility to generate power on-site whenever needed, during utility outages, storm avoidance, when utilities experience peak demand or when energy prices are high.

The R3Di[®]'s dual isolation transformers provide clean conditioned power to all connected loads, ensuring power-sensitive equipment avoids voltage sags or spikes that can impact critical operation.

**Ensure reliability.
Reduce costs.
Reimagine your
energy future.**

Guaranteeing continuous, uninterrupted power to your facility to protect your patients is non-negotiable, but you have a choice in the technology used sourced to generate, procure and store that power.

With greater demand for electricity than ever before, continued increases in renewable sources powering the grid and increased power needs from electric vehicles, the public grid needs to increase capacity by **300% in the next decade.** Virtual Utility[®] is the solution that ensures reliability, while enabling you to **actively manage your energy future.**



**Real-Time Energy
Management**

e2's energy management team unlocks opportunities for energy savings with smarter energy management and behind the meter asset optimization. Our team customizes strategies for each company and continually monitors equipment, weather, grid conditions and pricing to respond to real-time market fluctuations to help your facility save money and generate economic returns.



Compliance and Environmental Services

Our team provides all testing, indemnification, monitoring and reporting to ensure your system meets emissions standards and complies with environmental regulations throughout its useful life. We can help your team set specific, measurable ESG goals based on industry benchmarks and your facility's assets and report on your progress.

Our R3Di[®] System **saves 19,322 tons of emissions cradle to gate** compared to battery storage systems, a net present value of **\$645,695**

(verified by a third party).

**Now is the time to take
a proactive approach
to your facility's energy
consumption and costs.**

**Schedule a discovery call today
at [e2companies.com](https://www.e2companies.com).**

CONTACT US

