GREEN ENERGY NET-ZERO ENERGY ROADMAP

Net – Zero Data Centers are possible with today's technologies. These technologies are able to bring as much as 50% savings andand immediate net positive cash flow while improvinf your CO_2 footprint.

Our advanced energy team has created the roadmap for Net-Zero 100% renewable microgrid data centers offering both greenfield builds and retrofitsor existing facilities with customized, turnkey, world-calss engineered programs

01 ENERGY AUDIT

An energy audit clarifies where your facilities stand today in terms of energy efficiency. It will also indicate areas where the most significant reduction in energy consumption can be obtained and establishes a baseline against which to measure 'pre' and 'post-installation efficiency to measure and report savings quantitatively.

02 LOAD REDUCTION

Before implementing renewable solutions, the first step is to reduce the load in the facility through other means. Examples include: Rooftop optimization with control packages for HVAC rooftop units that can bring as much as 50% reduction in load, LED lighting retrofits, and anti-reflective rooftop coatings.

03 FINANCIAL PRO-FORMA

The financial Pro-forma outlines the investment required and pay-back period as well as expected lifetime savings.

04 NET-ZERO ENERGY TECHNOLOGY ENGINEERING

Select and engineer the right Net-Zero Energy solution to maximize the carbon reduction of your facility(s). Improve your building performance scores.

05 MEASURE AND REPORT

Reporting savings to your ESG team both in terms of carbon reduction and cost savings is critical to demonstrate project success.

e² energy advisors