



# Impactful energy optimization and emissions management



#### Measure

Automated gathering of energy data from multiple providers consolidated in a single dashboard, saving time



#### Monitor

Make informed decisions on how to reduce energy consumption and emissions across your building portfolio

#### Report

Facilitate accurate and transparent compliance and disclosure statements

# Take control of your energy usage

Operating a building today brings ever-growing challenges: rising energy prices, decarbonization and regulatory pressures. Net Zero Advisor Plus helps you meet those challenges by gathering all the information you need together, for you to understand how efficiently your facility is operating, identify areas for improvement, and take action to reduce your energy costs and carbon emissions.

React faster with 24\*7 monitoring of live data from your buildings and make informed decisions on how to reduce energy consumption and emissions across your building portfolio through meter data analytics and automated work orders.

#### Use your building's data to your advantage

Johnson Controls meets you wherever you are on your journey, providing accessible digital solutions as well as advisory and optimization services for smart, healthy, sustainable buildings. Take the next step toward decarbonization, better

energy management and controlled utility spend.

Ask for a demo of OpenBlue Enterprise Manager Net Zero Advisor Plus.

Always on, automated energy management to reach carbon reduction goals and facilitate compliance statements.

# MEASURE

### Automated gathering of energy data from multiple providers consolidated in a single dashboard, saving time.

Data from disparate sources throughout your facility – including energy consumption, electricity costs, carbon emissions, and water use – is gathered and consolidated onto a unified dashboard. Instead of managing multiple, siloed systems, you have a single, easy to understand readout of how well your systems are performing and the real-time data you need to identify areas for improvement and set achievable energy savings and carbon reduction goals. This real time (hourly) tracking allows you to react faster and reduces effort and complexity for facility staff.

# MONITOR

# Make informed decisions on how to reduce energy consumption and emissions across your building.

Advanced analytics provides deeper insights into your facility's energy use and carbon emission sources, even with the impact of external forces such as weather. We measure the performance of your equipment and compare it to baselines established using meter data analytics, to recognize and flag anomalies and waste patterns. These insights aid business case justifications for the repair or replacement of low performing systems.

With actionable data, clear recommendations and automated work orders, you can define and measure progress against realistic goals.

# REPORT

# Facilitate accurate and transparent compliance statements and disclosure requirements.

Replace with ease the task of meeting compliance and disclosure requirements, with improved reporting accuracy of KPIs. This reduces the time needed to generate these reports and you can also swiftly identify and address areas with the highest improvement impact. With this level of transparency and accuracy means audits are no longer a cause for concern and you can engage building occupants in your sustainability strategy through kiosk displays and demonstrate your ESG leadership. The benefits extend to your tenants too as you provide transparency of utility usage and invoice generation.

#### Emissions tracking and compliance

- Greenhouse gas (GHG) emissions dashboard
- Calculated emissions data from published emissions factors
- GHG protocols (Scope 1 and 2) trends
- Renewable energy certificate / carbon offset tracking
- Goals and target setting (GHG and energy) with smart recommendations by location
- Target performance comparisons
- Weather normalized KPIs

#### Utility bill management

- Automated data collection for energy, water, waste and other common utilities
- Monitoring and benchmarking utility bill costs
- Utility cost trend analysis
- Hourly, daily or monthly data refresh

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#### **Energy management**

- Energy trend dashboards
- Energy use Intensity comparisons
- Fault detection alerts (at building / asset level) and work order creation
- Threshold notifications (monthly / hourly)
- Savings tracking with weather-adjusted baselines or user-entered baselines
- Energy conservation measures (ECM) forecasting (at building / asset level)
- AI-based predictions of energy use and demand over next 48 hours

#### **Reporting and analysis**

- Standard and configurable reports
- Dashboard builder
- Report scheduling via email
- KPI reporting for portfolio
- Benchmarking across portfolio
- Display progress against KPIs, achievement stories and tips for occupants and visitors on kiosks and monitors

