



Consult by arbnco

Product Overview

Providing interactive, deep-dive analysis to further optimize performance, including demand reduction with battery storage and renewables potential.

Consult provides sophisticated financial analysis tools to inform accurate scenario planning.

Benefits

- 'Deep-dive' interactive performance analysis.
- Provides engaged building owners with sophisticated planning tools to evaluate which capital improvement projects yield the greatest return.

Features

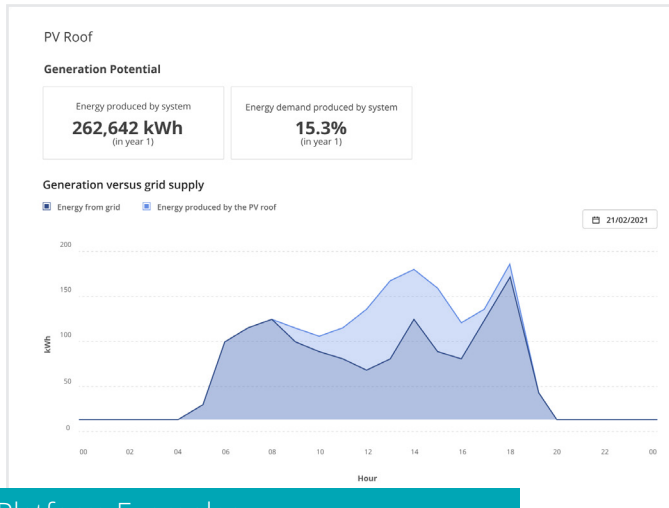
- Interactive building survey application 'digitizes' energy assets to further refine savings estimates and recommendations.
- Site-specific renewables potential and storage recommendations based on detailed load profiling and demand reduction opportunities.
- Sophisticated investment planning tools enable trade-off analysis across energy efficiency, distributed generation and storage capital improvement projects.

Renewables Summary

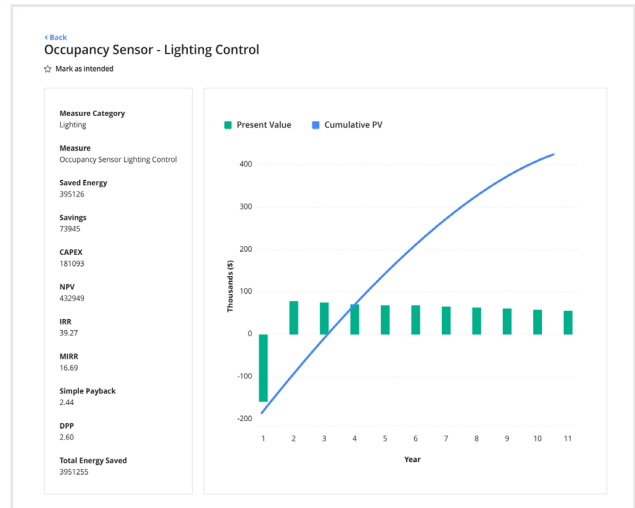
Technology	Feasibility	Annual Energy Saving	Annual Cost Saving	Simple payback	Annual Carbon Saving
PV Roof	● Feasible	262,642 kWh	\$ 18,066	9.8 years	185.69 kgCO2
PV Ground	● Feasible	450,575 kWh	\$ 30,908	10 years	318.56 kgCO2
Battery Storage	● Feasible	N/A	\$ 219	No payback	N/A
Wind Turbine	● Constrained	330,324 kWh	\$ 21,227	24.2 years	233.54 kgCO2

Value proposition for Utilities

- When coupled with Insight, the Consult module provides both building specific and portfolio-wide renewables potential by type, helping to resolve grid constraints and to identify requirements for load reduction programs.
- Consult's investment scenario planning tools provide utilities with an aggregate forecast of planned Distributed Energy Resource investments, providing finer resolution for substation-specific demand/supply matching.



Platform Examples



What is the cooling source in the building?

- No cooling
- Terminal DX Coil
- Chiller Central Plant
- Central DX Coil
- Condenser with Cooling Tower Central Plant
- Condenser with Ground Heat Exchanger - Central Plant
- District Chilled Water - Central Plant

Digital Survey Building Application

Install Unoccupied Fan Control on AC Only Unit

Best pick for you

Install Variable Speed Drive on Chilled Water Pump Control

Install Unoccupied Fan Control on AC Only Unit

Install Air Cooled Constant Speed Screw Chiller