



# Consult by arbnco

## Product Overview

arbnco's Consult platform provides interactive, deep-dive analysis of a building's energy and carbon performance. Consult enables energy decision makers to identify prioritized actions to support demand reduction and first stage feasibility analysis of renewables & battery storage opportunity.

## Benefits

- 'Deep-dive' interactive energy performance analysis.
- Identify targeted energy conservation measures, distributed energy technology opportunity and carbon abatement potential.
- Provides sophisticated financial planning tools to accurately evaluate which capital improvement projects yield the greatest commercial & environmental returns.

## Features

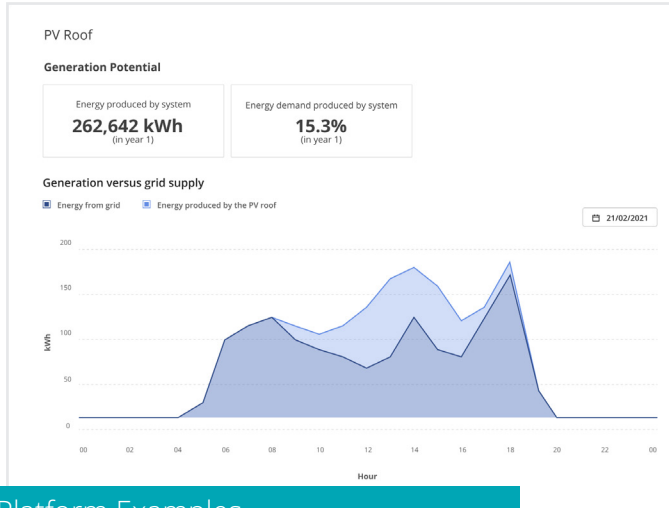
- Interactive platform evaluates energy assets to refine savings estimates and recommendations.
- Site-specific renewables potential and storage recommendations based on detailed load profiling and demand reduction opportunities.
- Sophisticated investment planning tools enable commercial and environmental benefit analysis across energy efficiency, distributed generation and storage capital improvement projects.

## Renewables Summary

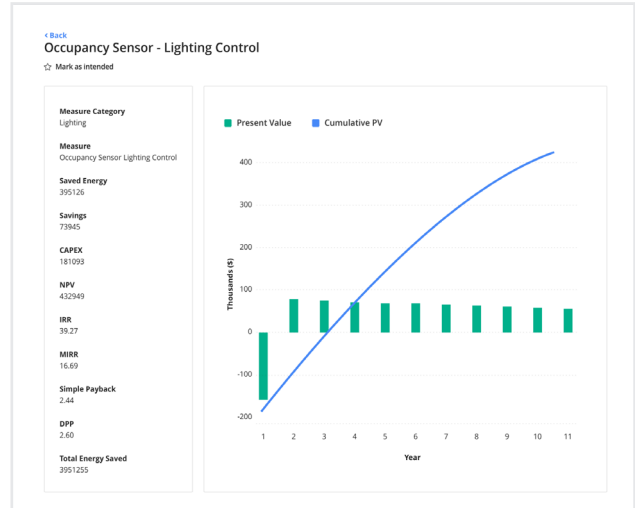
Technology ▾	Feasibility ▾	Annual Energy Saving ▾	Annual Cost Saving ▾	Simple payback ▾	Annual Carbon Saving ▾
PV Roof	● Feasible	262,642 kWh	\$ 18,066	9.8 years	185.69 kgCO2
PV Ground	● Feasible	450,575 kWh	\$ 30,908	10 years	318.56 kgCO2
Battery Storage	● Feasible	N/A	\$ 219	No payback	N/A
Wind Turbine	● 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 support carbon abatement targets, resolve grid constraints and identify opportunities for demand reduction programs.
- Consult's investment scenario planning tools provide users with aggregated, portfolio level analysis of potential Distributed Energy Resource investments, providing granularity to help optimize grid 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