SOLUTION AT A GLANCE: OPENSTUDIO (ENERGYPLUS)

SECTOR
Commercial

TOOL TYPE
Energy Use Dashboard

BARRIER:
Energy analysis is critical to business decisions, but technologies enabling that analysis are costly, unreliable and often inaccessible.

CAPABILITIES, FEATURES, & CORE FUNCTIONS:
Automate functions associated with creating, importing, transforming and querying building energy models and their results and with managing simulation workflows. Provide a public, transparent repository of simulation data and measure scripts.

OVERVIEW
OpenStudio is a cross-platform open-source software development kit (SDK) to support whole building energy modeling using EnergyPlus, and advanced daylight analysis using Radiance that provides a common infrastructure to allow third-parties to focus on adding their individual differentiating value and serving their clients. It allows DOE to realize its energy modeling market vision and consolidate it's energy modeling application portfolio.

https://betterbuildingsinitiative.energy.gov/solutions-at-a-glance/openstudio-energyplus
For more information, visit https://betterbuildingsolutioncenter.energy.gov