iES MACH CASE STUDY – NYC CRE PORTFOLIO

HISTORY
iES MACH has provided this NYC Portfolio (36 Office Buildings) for almost 20 years with unique software engineering capabilities and real-time energy consumption monitoring that enabled engineers to operate their buildings at optimized systems efficiency, reduce energy costs and increase revenue stream through demand side management (DR) initiatives.

SOLUTIONS
EnergyDesk® real-time visualization of buildings’ main electric, steam meters and high pressure traps, BMS points integration, with Theodora™ custom analytics and machine learning (ML) intuitions that optimized daily operation, system start-ups time, limit sub-heating peaks as well as limiting electric load capacity (ICAP), but most importantly give building engineers the opportunity to curtail loads during summer and winter peak periods, achieving high efficiency and 100% performance factor.

RESULTS
4.5MW $600k+ $1M+ $0
Enrolled w/ DR Annual Total Portfolio
DR Revenue Annual for 15+ years
Annual Savings ICAP TAG Advisement + Ops Efficiency
COST Funded by DR Program

TESTIMONIAL
"I watched our energy expenses over the last 15 years and there has been a decrease of well over a million dollars and some years it was even greater. That comes through constant hard work and effort in terms of tracking our energy and understanding what impact it has."
-Chief Operating Officer