ENERGY EFFICIENCY IN EXISTING BUILDINGS THROUGH 'SMART' CONTROLS
85-90% of existing buildings will still be standing by 2030.
Lighting consumes approximately 30% of commercial electricity.
2,800 SF FT
TENANT IMPROVEMENT IN LEASED SPACE

DEMONSTRATE GREEN BUILDING DESIGN, STRATEGIES AND TECHNOLOGY

TOTAL PROJECT BUDGET: $207,537
Up to 60% over T12

Up to 95 lumens per watt

Fits into any standard and slot-grid ceiling
CUSTOM SETTINGS
INDEPENDENT OPERATION
REMOTE MONITORING
UTILIZATION TRACKING
DIMMING

CUSTOM PRESET OPTIONS

CONTROL UP TO 100 FIXTURES

NO HARDWIRING REQUIRED
Period Savings: 82%  
Current Savings: 64%  
Load:  
- Current: 474 W  
- Period Peak: 504 W  
- Current Baseline: 1.3 kW

Electricity (kWh) for Jun 02, 2016 11:00 AM to Jun 03, 2016 10:00 AM  

CITY OF SANTA MONICA > CITY OF SANTA MONICA > 1717 4th Ave > 1st Floor
MEET NEAL

NEAL LIKES TO SAVE ENERGY AND TURN OFF LIGHTS

WHEN NEAL TURNS OFF LIGHTS, GARRETT'S AUTOMATED CONTROLS GET OVERRIDDEN
SMART DESIGN & CONTROLS CAN ACHIEVE ENERGY EFFICIENCY, BUT HAVE PITFALLS THEMSELVES

USERS CAN INFLUENCE THE EFFICACY OF YOUR ABILITY TO SAVE ENERGY

DESIGN SHOULD KEEP USERS IN MIND OR TAKE THEM OUT OF THE EQUATION
THANKS!

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CLIMATE & ENERGY

CITY OF SANTA MONICA
A Sustainable Community
sustainablesm.org