

Sensors for Savings

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Problem:

→ Energy wasted through extra light use



Foolproof Solution: Dual Technology



But can this
technology really help SCU?

YES!

What we did-

Fixture Audit of classrooms, labs, and conference rooms in Alumni Science, Kenna, Vari, and Lucas

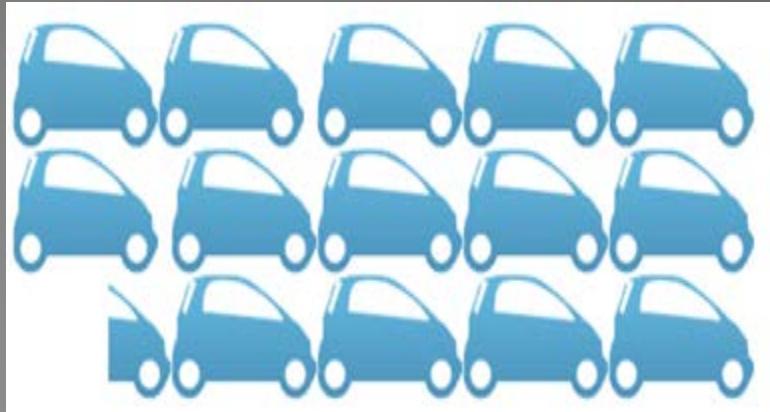
Calculations of when the lights are on versus when they **should** be on.

Savings per Week

- 581 KgCO₂
- 2225 kWh
- \$270

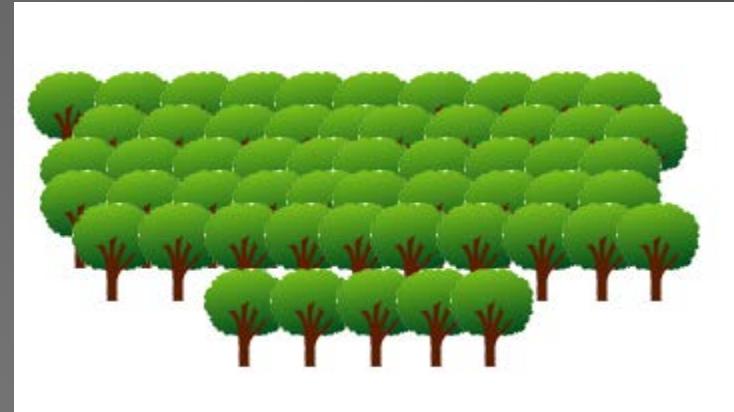
Just to get an idea...

of cars taken off the road annually



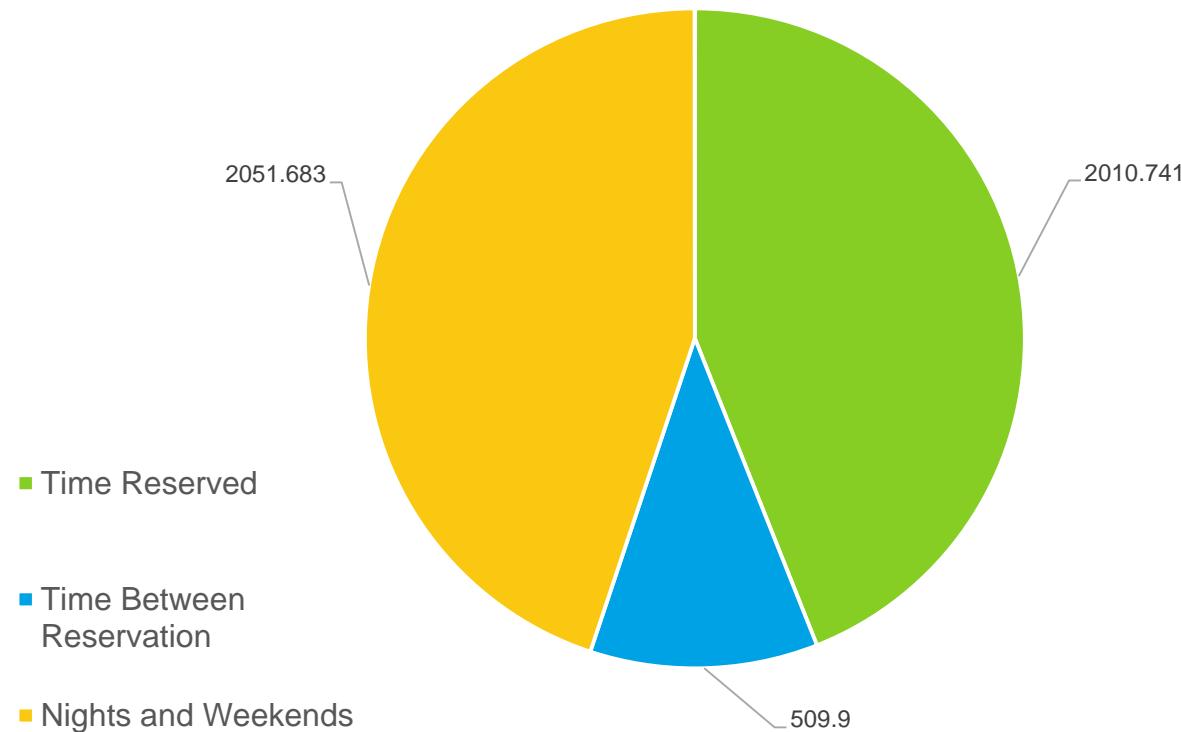
14.2

of carbon sequestering acres of US forest



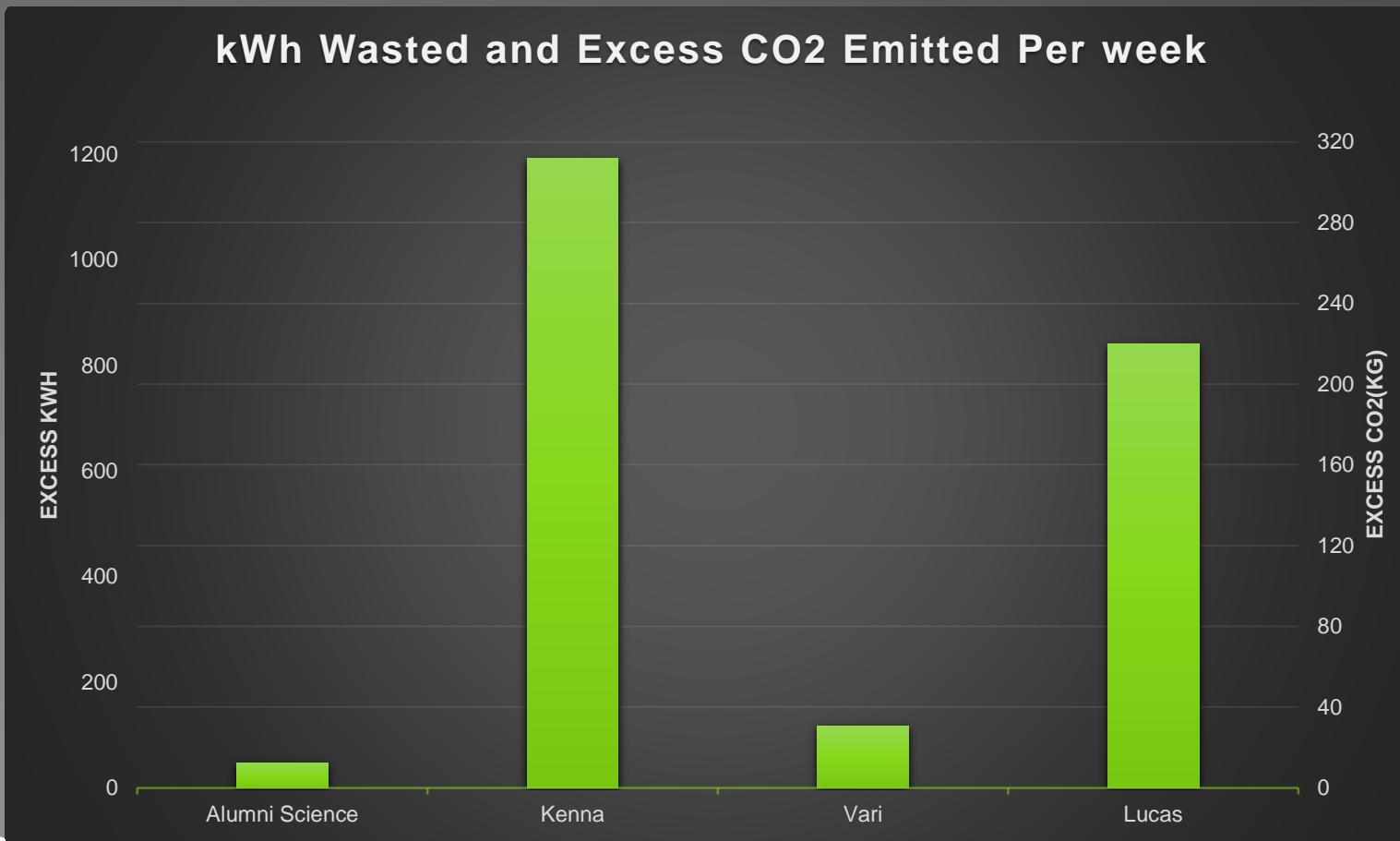
55.3

Light Usage (hours/week)

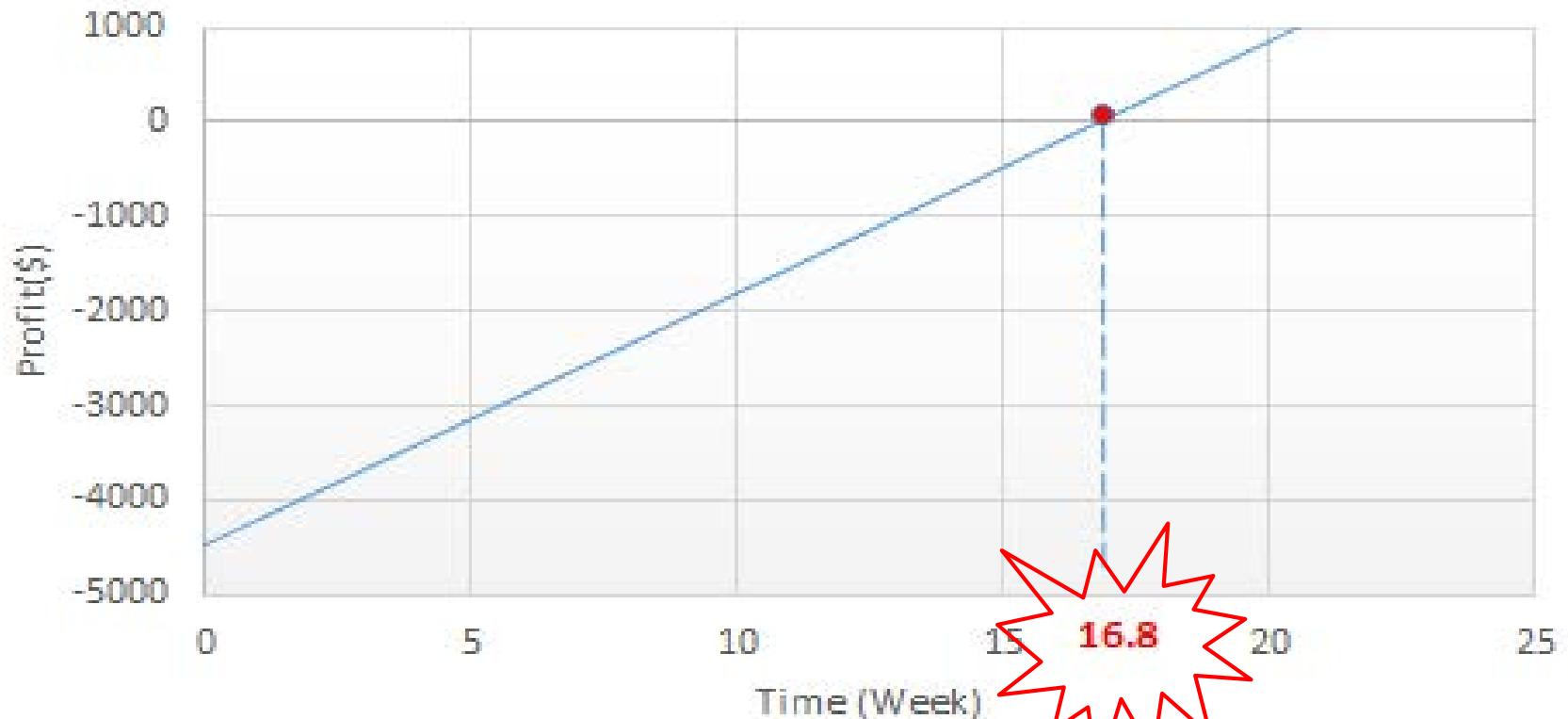


Too many lights left on during
nights and weekends!!

Building Break Down



Payback Time



We can do this!