

CASE STUDY

Convenience Store

Peachtree City, GA

Site Description:

Convenience store approximately 7250 square feet.

Project Needs:

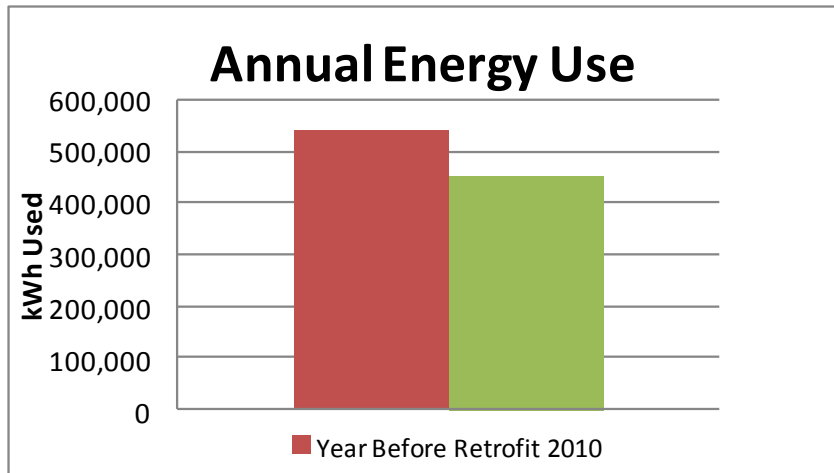
Reduce kWh consumption and costs, replace and update lighting.

Project Goals:

15% total reduction in kWh. 36 month return-on-investment target.

Project Results:

17% total reduction in kWh. 33 month return on investment.



	Before Retrofit 2010		After Retrofit 2011		Energy Reduction		Savings
MONTH	kW	kWh	kW	kWh	kW	kWh	Savings
Jan	96	53040	67	38560	29	14480	2014.168
Feb	93	43680	66	30560	27	13120	1824.992
March	96	47120	71	35280	25	11840	1646.944
April	94	44720	73	36080	21	8640	1201.824
May	95	49040	84	40800	11	8240	1146.184
June	86	42160	85	41120	1	1040	144.664
July	85	44160	81	42640	4	1520	211.432
Aug	86	47760	89	41440	-3	6320	879.112
Sept	86	44720	84	43200	2	1520	211.432
Oct	86	44800	70	34640	16	10160	1413.256
Nov	84	40640	66	33040	18	7600	1057.16
Dec	81	40560	70	34080	11	6480	901.368
Total	96	542400	89	451440	7	90960	12652.54

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