

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
DSE_HVAC-3a
Building Type: User
HERS BESTEST basement case

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:51:39

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Therms	837 Therms	\$1423
Heating Fan/Pump	656 kWh	\$78
Mechanical Vent Fan	0 kWh	\$0
Total Heating		\$1501
Hot Water		
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
<hr/>		
Total (kWh)	5226 kWh	\$621
Total (Therms)	837 Therms	\$1423
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$2044

Emissions (Calculated as Total - PV Produced)
SO2 = 9.95 Lbs NOX = 7798.26 Lbs CO2 = 9.46 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
DSE_HVAC-3b
Building Type: User
HERS BESTEST basement case

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:54:09

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Therms	1059 Therms	\$1800
Heating Fan/Pump	624 kWh	\$74
Mechanical Vent Fan	0 kWh	\$0
Total Heating		\$1874
Hot Water		
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
<hr/>		
Total (kWh)	5194 kWh	\$617
Total (Therms)	1059 Therms	\$1800
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$2417

Emissions (Calculated as Total - PV Produced)
SO2 = 9.89 Lbs NOX = 9859.06 Lbs CO2 = 10.74 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
DSE_HVAC-3c
Building Type: User
HERS BESTEST basement case

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:54:52

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Therms	888 Therms	\$1509
Heating Fan/Pump	646 kWh	\$77
Mechanical Vent Fan	0 kWh	\$0
Total Heating		\$1586
Hot Water		
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
<hr/>		
Total (kWh)	5216 kWh	\$620
Total (Therms)	888 Therms	\$1509
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$2129

Emissions (Calculated as Total - PV Produced)
SO2 = 9.93 Lbs NOX = 8269.75 Lbs CO2 = 9.75 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title: TMY_City:CO_COLORADOSPRINGS
DSE_HVAC-3d
Building Type: User
HERS BESTEST basement case

Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:55:22

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Therms	1020 Therms	\$1734
Heating Fan/Pump	706 kWh	\$84
Mechanical Vent Fan	0 kWh	\$0
Total Heating		\$1818
Hot Water		
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
<hr/>		
Total (kWh)	5276 kWh	\$627
Total (Therms)	1020 Therms	\$1734
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$2360

Emissions (Calculated as Total - PV Produced)
SO2 = 10.04 Lbs NOX = 9497.50 Lbs CO2 = 10.58 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Las Vegas, NV

Project Title:
DSE_HVAC-3e
Building Type: User
HERS BESTEST basecase home

TMY_City:NV_LASVEGAS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:55:51

End-Use	Energy Consumption	Annual Cost
Cooling Electric	5485 kWh	\$652
Cooling Fan	968 kWh	\$115
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	6453 kWh	\$767
Heating		
Heating Fan/Pump	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Heating	0 kWh	\$0
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
Total (kWh)	11023 kWh	\$1309
Total (Therms)	0 Therms	\$0
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$1309

Emissions (Calculated as Total - PV Produced)
SO2 = 4.73 Lbs NOX = 9.08 Lbs CO2 = 5.85 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Las Vegas, NV

Project Title:
DSE_HVAC-3f
Building Type: User
HERS BESTEST basecase home

TMY_City:NV_LASVEGAS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:56:20

End-Use	Energy Consumption	Annual Cost
Cooling Electric	7199 kWh	\$855
Cooling Fan	1275 kWh	\$151
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	8474 kWh	\$1007
Heating		
Heating Fan/Pump	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Heating	0 kWh	\$0
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
Total (kWh)	13044 kWh	\$1550
Total (Therms)	0 Therms	\$0
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$1550

Emissions (Calculated as Total - PV Produced)
SO2 = 5.60 Lbs NOX = 10.75 Lbs CO2 = 6.92 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Las Vegas, NV

Project Title:
DSE_HVAC-3g
Building Type: User
HERS BESTEST basecase home

TMY_City:NV_LASVEGAS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:56:45

End-Use	Energy Consumption	Annual Cost
Cooling Electric	5931 kWh	\$705
Cooling Fan	1047 kWh	\$124
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	6978 kWh	\$829
Heating		
Heating Fan/Pump	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Heating	0 kWh	\$0
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
Total (kWh)	11548 kWh	\$1372
Total (Therms)	0 Therms	\$0
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$1372

Emissions (Calculated as Total - PV Produced)
SO2 = 4.96 Lbs NOX = 9.51 Lbs CO2 = 6.13 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Las Vegas, NV

Project Title:
DSE_HVAC-3h
Building Type: User
HERS BESTEST basecase home

TMY_City:NV_LASVEGAS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:57:09

End-Use	Energy Consumption	Annual Cost
Cooling Electric	6881 kWh	\$817
Cooling Fan	1206 kWh	\$143
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	8087 kWh	\$961
Heating		
Heating Fan/Pump	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Heating	\$0	\$0
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
Total (kWh)	12657 kWh	\$1504
Total (Therms)	0 Therms	\$0
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$1504

Emissions (Calculated as Total - PV Produced)
SO2 = 5.43 Lbs NOX = 10.43 Lbs CO2 = 6.71 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
DSE_HVAC-3a
Building Type: User
HERS BESTEST basement case

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:51:39

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Therms	837 Therms	\$1423
Heating Fan/Pump	656 kWh	\$78
Mechanical Vent Fan	0 kWh	\$0
Total Heating		\$1501
Hot Water		
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
<hr/>		
Total (kWh)	5226 kWh	\$621
Total (Therms)	837 Therms	\$1423
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$2044

Emissions (Calculated as Total - PV Produced)
SO2 = 9.95 Lbs NOX = 7798.26 Lbs CO2 = 9.46 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
DSE_HVAC-3b
Building Type: User
HERS BESTEST basement case

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:54:09

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Therms	1059 Therms	\$1800
Heating Fan/Pump	624 kWh	\$74
Mechanical Vent Fan	0 kWh	\$0
Total Heating		\$1874
Hot Water		
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
<hr/>		
Total (kWh)	5194 kWh	\$617
Total (Therms)	1059 Therms	\$1800
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$2417

Emissions (Calculated as Total - PV Produced)
SO2 = 9.89 Lbs NOX = 9859.06 Lbs CO2 = 10.74 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
DSE_HVAC-3c
Building Type: User
HERS BESTEST basement case

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:54:52

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Therms	888 Therms	\$1509
Heating Fan/Pump	646 kWh	\$77
Mechanical Vent Fan	0 kWh	\$0
Total Heating		\$1586
Hot Water		
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
Total (kWh)	5216 kWh	\$620
Total (Therms)	888 Therms	\$1509
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$2129

Emissions (Calculated as Total - PV Produced)
SO2 = 9.93 Lbs NOX = 8269.75 Lbs CO2 = 9.75 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
DSE_HVAC-3d
Building Type: User
HERS BESTEST basement case

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:55:22

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Therms	1020 Therms	\$1734
Heating Fan/Pump	706 kWh	\$84
Mechanical Vent Fan	0 kWh	\$0
Total Heating		\$1818
Hot Water		
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
<hr/>		
Total (kWh)	5276 kWh	\$627
Total (Therms)	1020 Therms	\$1734
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
<hr/>		
Total Cost		\$2360

Emissions (Calculated as Total - PV Produced)
SO2 = 10.04 Lbs NOX = 9497.50 Lbs CO2 = 10.58 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Las Vegas, NV

Project Title:
DSE_HVAC-3e
Building Type: User
HERS BESTEST basecase home

TMY_City:NV_LASVEGAS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:55:51

End-Use	Energy Consumption	Annual Cost
Cooling Electric	5485 kWh	\$652
Cooling Fan	968 kWh	\$115
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	6453 kWh	\$767
Heating		
Heating Fan/Pump	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Heating	0 kWh	\$0
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
Total (kWh)	11023 kWh	\$1309
Total (Therms)	0 Therms	\$0
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$1309

Emissions (Calculated as Total - PV Produced)
SO2 = 4.73 Lbs NOX = 9.08 Lbs CO2 = 5.85 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Las Vegas, NV

Project Title:
DSE_HVAC-3f
Building Type: User
HERS BESTEST basecase home

TMY_City:NV_LASVEGAS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:56:20

End-Use	Energy Consumption	Annual Cost
Cooling Electric	7199 kWh	\$855
Cooling Fan	1275 kWh	\$151
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	8474 kWh	\$1007
Heating		
Heating Fan/Pump	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Heating	0 kWh	\$0
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
Total (kWh)	13044 kWh	\$1550
Total (Therms)	0 Therms	\$0
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$1550

Emissions (Calculated as Total - PV Produced)
SO2 = 5.60 Lbs NOX = 10.75 Lbs CO2 = 6.92 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Las Vegas, NV

Project Title:
DSE_HVAC-3g
Building Type: User
HERS BESTEST basecase home

TMY_City:NV_LASVEGAS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:56:45

End-Use	Energy Consumption	Annual Cost
Cooling Electric	5931 kWh	\$705
Cooling Fan	1047 kWh	\$124
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	6978 kWh	\$829
Heating		
Heating Fan/Pump	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Heating	\$0	\$0
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
Total (kWh)	11548 kWh	\$1372
Total (Therms)	0 Therms	\$0
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$1372

Emissions (Calculated as Total - PV Produced)
SO2 = 4.96 Lbs NOX = 9.51 Lbs CO2 = 6.13 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Las Vegas, NV

Project Title:
DSE_HVAC-3h
Building Type: User
HERS BESTEST basecase home

TMY_City:NV_LASVEGAS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/27/2015 15:57:09

End-Use	Energy Consumption	Annual Cost
Cooling Electric	6881 kWh	\$817
Cooling Fan	1206 kWh	\$143
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	8087 kWh	\$961
Heating		
Heating Fan/Pump	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Heating	\$0	\$0
Hot Water	0 kWh	\$0
Hot Water Pump	0 kWh	\$0
Total Hot Water	0 kWh	\$0
Ceiling Fans	0 kWh	\$0
Clothes Washer	38 kWh	\$4
Dehumidifier	0 kWh	\$0
Dishwasher	0 kWh	\$0
Dryer Electric	524 kWh	\$62
Lighting	1863 kWh	\$221
Miscellaneous	1401 kWh	\$166
Pool Pump	0 kWh	\$0
Range Electric	331 kWh	\$39
Refrigerator	0 kWh	\$0
Television	413 kWh	\$49
Total (kWh)	12657 kWh	\$1504
Total (Therms)	0 Therms	\$0
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$1504

Emissions (Calculated as Total - PV Produced)
SO2 = 5.43 Lbs NOX = 10.43 Lbs CO2 = 6.71 Tons