

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Las Vegas, NV

Project Title:
HVAC_TestCase-1a
Building Type: User
RESNET HVAC test suite

TMY_City:NV_LASVEGAS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/28/2015 11:36:09

End-Use	Energy Consumption	Annual Cost
Cooling Electric	5424 kWh	\$644
Cooling Fan	957 kWh	\$114
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	6381 kWh	\$758
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)	10951 kWh	\$1301
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		\$1301

Emissions (Calculated as Total - PV Produced)
SO2 = 4.70 Lbs NOX = 9.02 Lbs CO2 = 5.81 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Las Vegas, NV

Project Title:
HVAC_TestCase-1b
Building Type: User
RESNET HVAC test suite

TMY_City:NV_LASVEGAS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/28/2015 11:36:48

End-Use	Energy Consumption	Annual Cost
Cooling Electric	4171 kWh	\$496
Cooling Fan	957 kWh	\$114
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	5128 kWh	\$609
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)	9698 kWh	\$1152
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		\$1152

Emissions (Calculated as Total - PV Produced)
SO2 = 4.16 Lbs NOX = 7.99 Lbs CO2 = 5.14 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
HVAC_TestCase-2a
Building Type: User
HERS BESTEST basecase home

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/28/2015 11:37:15

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	857 Therms	\$1457
Heating Fan/Pump	668 kWh	\$79
Mechanical Vent Fan	0 kWh	\$0
Total Heating		\$1536
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)	5238 kWh	\$622
Total (Therms)	857 Therms	\$1457
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$2079

Emissions (Calculated as Total - PV Produced)
SO2 = 9.97 Lbs NOX = 7982.43 Lbs CO2 = 9.59 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
HVAC_TestCase-2b
Building Type: User
HERS BESTEST basecase home

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/28/2015 11:37:47

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	743 Therms	\$1263
Heating Fan/Pump	668 kWh	\$79
Mechanical Vent Fan	0 kWh	\$0
Total Heating		\$1342
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)	5238 kWh	\$622
Total (Therms)	743 Therms	\$1263
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$1885

Emissions (Calculated as Total - PV Produced)
SO2 = 9.97 Lbs NOX = 6920.37 Lbs CO2 = 8.92 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title: HVAC_TestCase-2c
Building Type: User
HERS BESTEST basecase home

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/28/2015 11:39:13

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Heating Electric	10114 kWh	\$1202
Heating Fan/Pump	1424 kWh	\$169
Mechanical Vent Fan	0 kWh	\$0
Total Heating	11538 kWh	\$1371
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)	16108 kWh	\$1914
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		\$1914

Emissions (Calculated as Total - PV Produced)
SO2 = 30.67 Lbs NOX = 40.78 Lbs CO2 = 13.99 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title: HVAC_TestCase-2d
Building Type: User
HERS BESTEST basecase home

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/28/2015 11:39:38

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Heating Electric	8002 kWh	\$951
Heating Fan/Pump	1089 kWh	\$129
Mechanical Vent Fan	0 kWh	\$0
Total Heating	9091 kWh	\$1080
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)	13661 kWh	\$1623
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		\$1623

Emissions (Calculated as Total - PV Produced)
SO2 = 26.01 Lbs NOX = 34.59 Lbs CO2 = 11.86 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
HVAC_TestCase-2e
Building Type: User
HERS BESTEST basecase home

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 06/01/2015 17:02:16

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Heating Electric	18337 kWh	\$2178
Heating Fan/Pump	1002 kWh	\$119
Mechanical Vent Fan	0 kWh	\$0
Total Heating	19339 kWh	\$2297
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)	23909 kWh	\$2840
Total (Therms)	0 Therms	\$0
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
<small>Assumes net metering</small>		
Total Cost		\$2840

Emissions (Calculated as Total - PV Produced)

SO2 = 45.52 Lbs NOX = 60.53 Lbs CO2 = 20.76 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Las Vegas, NV

Project Title:
HVAC_TestCase-1a
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RESNET HVAC test suite

TMY_City:NV_LASVEGAS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/28/2015 11:36:09

End-Use	Energy Consumption	Annual Cost
Cooling Electric	5424 kWh	\$644
Cooling Fan	957 kWh	\$114
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	6381 kWh	\$758
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)	10951 kWh	\$1301
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		\$1301

Emissions (Calculated as Total - PV Produced)
SO2 = 4.70 Lbs NOX = 9.02 Lbs CO2 = 5.81 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Las Vegas, NV

Project Title:
HVAC_TestCase-1b
Building Type: User
RESNET HVAC test suite

TMY_City:NV_LASVEGAS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/28/2015 11:36:48

End-Use	Energy Consumption	Annual Cost
Cooling Electric	4171 kWh	\$496
Cooling Fan	957 kWh	\$114
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	5128 kWh	\$609
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)	9698 kWh	\$1152
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		\$1152

Emissions (Calculated as Total - PV Produced)
SO2 = 4.16 Lbs NOX = 7.99 Lbs CO2 = 5.14 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
HVAC_TestCase-2a
Building Type: User
HERS BESTEST basecase home

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/28/2015 11:37:15

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	857 Therms	\$1457
Heating Fan/Pump	668 kWh	\$79
Mechanical Vent Fan	0 kWh	\$0
Total Heating		\$1536
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
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Total (kWh)	5238 kWh	\$622
Total (Therms)	857 Therms	\$1457
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$2079

Emissions (Calculated as Total - PV Produced)
SO2 = 9.97 Lbs NOX = 7982.43 Lbs CO2 = 9.59 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
HVAC_TestCase-2b
Building Type: User
HERS BESTEST basecase home

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/28/2015 11:37:47

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	743 Therms	\$1263
Heating Fan/Pump	668 kWh	\$79
Mechanical Vent Fan	0 kWh	\$0
Total Heating		\$1342
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)	5238 kWh	\$622
Total (Therms)	743 Therms	\$1263
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
Assumes net metering		
Total Cost		\$1885

Emissions (Calculated as Total - PV Produced)
SO2 = 9.97 Lbs NOX = 6920.37 Lbs CO2 = 8.92 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
HVAC_TestCase-2c
Building Type: User
HERS BESTEST basecase home

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/28/2015 11:39:13

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Heating Electric	10114 kWh	\$1202
Heating Fan/Pump	1424 kWh	\$169
Mechanical Vent Fan	0 kWh	\$0
Total Heating	11538 kWh	\$1371
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)	16108 kWh	\$1914
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		\$1914

Emissions (Calculated as Total - PV Produced)
SO2 = 30.67 Lbs NOX = 40.78 Lbs CO2 = 13.99 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title: HVAC_TestCase-2d
Building Type: User
HERS BESTEST basecase home

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 05/28/2015 11:39:38

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Heating Electric	8002 kWh	\$951
Heating Fan/Pump	1089 kWh	\$129
Mechanical Vent Fan	0 kWh	\$0
Total Heating	9091 kWh	\$1080
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)	13661 kWh	\$1623
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		\$1623

Emissions (Calculated as Total - PV Produced)
SO2 = 26.01 Lbs NOX = 34.59 Lbs CO2 = 11.86 Tons

Annual Energy Summary

Wholehouse Summary

FSEC
111 Anywhere Lane
Colorado Springs, CO

Project Title:
HVAC_TestCase-2e
Building Type: User
HERS BESTEST basecase home

TMY_City:CO_COLORADOSPRINGS
Elec Util: EnergyGauge Default
Gas Util: Florida 2012
Run Date: 06/01/2015 17:02:16

End-Use	Energy Consumption	Annual Cost
Cooling		
Cooling Fan	0 kWh	\$0
Mechanical Vent Fan	0 kWh	\$0
Total Cooling	0 kWh	\$0
Heating		
Heating Electric	18337 kWh	\$2178
Heating Fan/Pump	1002 kWh	\$119
Mechanical Vent Fan	0 kWh	\$0
Total Heating	19339 kWh	\$2297
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)	23909 kWh	\$2840
Total (Therms)	0 Therms	\$0
Total (Oil Gallons)	0 Gallons	\$0
Total (Propane Gallons)	0 Gallons	\$0
PV Produced (kWh)	0 kWh	\$0
<small>Assumes net metering</small>		
<hr/>		
Total Cost		\$2840

Emissions (Calculated as Total - PV Produced)

SO2 = 45.52 Lbs NOX = 60.53 Lbs CO2 = 20.76 Tons