

How to Build an Energy Conservation Power Plant and Save \$1000 Per Year

Every kilowatt you save “fuels” the creation of a conservation power plant.*

Keep in mind...		Annual Savings	
1 Kilowatt-hour = 1 Pound of Coal		Lbs. Coal	\$\$\$
1	Assess your current energy usage and pledge to reduce.	---	---
2	Replace the 5 most used light bulbs with compact fluorescent bulbs.	662	\$90
3	Plug into power strips and turn them off when not in use.	720	\$95
4	Line dry your clothes.	500	\$75
5	Set hot water heater at 120° and use low flow showerhead.	225 [‡]	\$40
6	Adjust the thermostat to 68° in winter and 78° in summer.	864	\$115
7	Upgrade refrigerator and clothes washer to Energy Star model.	942	\$125
8	Improve insulation of your attic, exterior walls and floors.	1,518	\$200
9	Weatherize and seal windows, doors, air ducts, etc.	1,872	\$260
10	Use a portion of your savings to pay for green power.	1,800 [†]	---
SAVINGS TOTALS*			
The average home can save this many pounds of coal per year:		9,103	
The average home can save this much money per year on energy:			\$1000

* Visit KilowattOurs.org for more information, to receive free energy saving tips, network with other energy savers and use the Kilowatt Counter energy tracking system!

[‡]2550 kwh/year reduction of 10% from 120 degrees and low flow = 255 kwh/year

[†]Coal savings based on purchase of 1 block of TVA Green Power per month- \$4 per month for 150KWH/month of green power.

*All potential savings are estimates based on U.S. EPA, DOE and EIA data. Estimates are based on the national average of \$1900 as the annual household energy bill amount. Actual savings may vary. Up-front costs not included. Typical payback on energy-efficient upgrades listed ranges between 1 and 5 years.

How to Build an Energy Conservation Power Plant and Save \$1000 Per Year

Every kilowatt you save “fuels” the creation of a conservation power plant.*

Keep in mind...		Annual Savings	
1 Kilowatt-hour = 1 Pound of Coal		Lbs. Coal	\$\$\$
1	Assess your current energy usage and pledge to reduce.	---	---
2	Replace the 5 most used light bulbs with compact fluorescent bulbs.	662	\$90
3	Plug into power strips and turn them off when not in use.	720	\$95
4	Line dry your clothes.	500	\$75
5	Set hot water heater at 120° and use low flow showerhead.	225 [‡]	\$40
6	Adjust the thermostat to 68° in winter and 78° in summer.	864	\$115
7	Upgrade refrigerator and clothes washer to Energy Star model.	942	\$125
8	Improve insulation of your attic, exterior walls and floors.	1,518	\$200
9	Weatherize and seal windows, doors, air ducts, etc.	1,872	\$260
10	Use a portion of your savings to pay for green power.	1,800 [†]	---
SAVINGS TOTALS*			
The average home can save this many pounds of coal per year:		9,103	
The average home can save this much money per year on energy:			\$1000

* Visit KilowattOurs.org for more information, to receive free energy saving tips, network with other energy savers and use the Kilowatt Counter energy tracking system!

[‡]2550 kwh/year reduction of 10% from 120 degrees and low flow = 255 kwh/year

[†]Coal savings based on purchase of 1 block of TVA Green Power per month- \$4 per month for 150KWH/month of green power.

*All potential savings are estimates based on U.S. EPA, DOE and EIA data. Estimates are based on the national average of \$1900 as the annual household energy bill amount. Actual savings may vary. Up-front costs not included. Typical payback on energy-efficient upgrades listed ranges between 1 and 5 years.