



Green Power Switch®

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A Powerful Case for Making the Green Power Switch

Green Power Switch® a renewable energy initiative that offers consumers in the Tennessee Valley a choice in the type of power they buy, is providing the following electricity label to increase public awareness regarding selected environmental impacts of generating and using electricity. Similar to food nutrition labels, electricity labels provide you with information to make informed consumer choices. You have a choice when you buy electricity. You can choose to buy blocks of power from Green Power Switch or use electricity generated by the methods listed below.

For each additional \$4 that Green Power Switch participants add to their electric bills, a block of 150 kilowatt-hours of renewable energy such as solar, wind, and methane gas resources will be generated and placed on the TVA electric grid. Green Power Switch is accredited by the Center for Resource Solutions; the distribution of the electricity label is a requirement of accreditation. If you're interested in joining Green Power Switch or just want to find out more, visit us online at:

www.greenpowerswitch.com

TVA Power Content

In 2001, TVA's generation resources included the following:

RESOURCES	% SUPPLY
Fossil & Combustion Turbines	65%
Nuclear	29%
Hydro	6%
TOTAL	100%

TVA Air Emissions

Electricity provided to you in 2001 created the following emissions:

EMISSIONS	AMOUNT
Sulfur Dioxide (SO ₂)	7.74 lbs/MWh
Nitrogen Oxide (NO _x)	3.44 lbs/MWh
Carbon Dioxide (CO ₂)	1,350 lbs/MWh
<i>MWh = megawatt-hour or 1,000 kilowatt-hours</i>	

Green Power Switch Content

In addition, TVA also generated 150 kilowatt-hour blocks of renewable energy. Each block contained the following resources:

RESOURCES	AMOUNT
Methane Gas	119 kWh/month
Wind	29 kWh/month
Solar	2 kWh/month
<i>kWh = kilowatt-hour or 1,000 watts</i>	

Green Power Switch Air Emissions

In 2001, electricity from a block of Green Power Switch created the following emissions:

EMISSIONS	AMOUNT
Sulfur Dioxide (SO ₂)	0.1 lbs/MWh
Nitrogen Oxide (NO _x)	3.0 lbs/MWh
Carbon Dioxide (CO ₂)	0 lbs/MWh
<i>MWh = megawatt-hour or 1,000 kilowatt-hours</i>	

* Green Power Switch represented approximately 0.03% of TVA's total electric generation.

***These emissions are from methane gas, which would have had SO₂ emissions and some NO_x emissions even if the gas had been burned without generating electricity.

For more information about TVA and the environment, visit us online at www.tva.com/environment