

DSA 2010 GRID Neutral Schools Awards

GRID NEUTRAL CALCULATIONS



GRID NEUTRAL PRODUCTION-TO-CONSUMPTION RATIO SUBMITTAL

$$\text{GRID NEUTRAL PERCENTAGE} = \frac{\text{PRODUCTION}}{\text{CONSUMPTION}}$$

1. Provide a minimum of twelve (12) months of utility bills which includes energy generation.
2. Provide calculation sheet for the annual electrical production and consumption ratio.
 - Calculate the annual electrical production and consumption ratio by dividing the annual renewable electrical energy production (kwh) by the annual electrical energy budget (kwh).
 - Use the actual annual electrical energy budget (kwh) to calculate the annual electrical energy consumption of the facilities. This can be done with a year's worth of utility bills. If you have questions, call your utility company for clarification on your recent annual electricity use.
 - Calculate the site's renewable electricity production using data from the energy monitoring system that records this data.
 - The annual renewable electrical energy can be renewable energy produced off-site on a remote property owned by the school district.
 - Switching from electricity to natural gas is discouraged for a grid neutral campus.

ENERGY STAR RATING SUBMITTAL



1. Provide an electronic copy of Energy Star rating for each campus submitted.
 - Go to www.energystar.gov/benchmark for Energy Star Portfolio Manager's How-To Guide complete with step by step instructions on the entire benchmarking process and a troubleshooting and FAQ section at the end.