

Official GOJ Grid Emission Baseline publication to be used for CDM projects:

The GOJ's National Energy Policy and its Policy for Trading Carbon Credits aim to stimulate Clean Technology and Renewable Energy development in Jamaica. Kyoto's Clean Development Mechanism (CDM) allows facilities in developing nations to sell their emission reductions on the international market. This trade aims to stimulate technology transfer and clean development that would not have happened without the additional carbon value created by such trade; the so called additionality principle. To make it easier to develop CDM eligible projects, and grow participation in the Carbon Trading market, the GOJ, with support of the European Union, is publishing the grid emission baseline. This baseline can be used to calculate savings from for grid connected Renewable Energy and Energy Efficiency projects.

Jamaica Grid Emission Baseline to be used for CDM projects

Below is the official Combined Margin calculation that can be used when developing CDM Projects.

Wind and Solar should use the 75/25 Combined Margin of 732.4 kg CO₂/MWh. Other projects that use the Combined Margin should use the lower number of 692.7 kg CO₂/MWh.

| | 2008 | 2009 | 2010 | |
|------------------------|--------------------|--------------------|--------------------|-------------------------|
| | | | | |
| | HFO | HFO | HFO | |
| JPS | 518,804,700 | 517,494,050 | 500,475,333 | FC -Ltrs |
| EF CO2 Coef | 2.969031303 | 2.967263685 | 2.965895884 | Kg CO ₂ /ltr |
| ton Co2 | 1,540,347 | 1,535,541 | 1,484,358 | |
| | | | | |
| | HFO | HFO | HFO | |
| IPPs | 252,854,045 | 271,427,520 | 271,251,854 | FC -Ltrs |
| EF CO2 Coef | 3.013432202 | 3.011075377 | 3.012990298 | Kg CO ₂ /ltr |
| ton Co2 | 761,959 | 817,289 | 817,279 | |
| | | | | |
| | ADO | ADO | ADO | |
| JPS | 279,879,790 | 280,922,026 | 267,606,023 | FC -Ltrs |
| EF CO2 Coef | 2.651629272 | 2.653470639 | 2.655291772 | Kg CO ₂ /ltr |
| ton Co2 | 742,137 | 745,418 | 710,572 | |
| | | | | |
| | 2008 | 2009 | 2010 | |
| total Ton Co2 | 3,044,443 | 3,098,248 | 3,012,209 | |
| Total MWh FF Power | 3,911,244 | 4,014,117 | 3,933,065 | EG |
| tCO ₂ e/MWh | 0.7784 | 0.7718 | 0.7659 | |
| | | EF Grid OM | 0.7720 | Simple OM |
| | | EF Grid BM | 0.6134 | Build Marin |
| Other | 50-50 | | 0.6927 | Combined Margin |
| Wind/solar | 75-25 | | 0.7324 | Combined Margin |