



Part 237 Energy Efficiency Renewable Energy NOx Set-Aside Application Worksheet

This worksheet is provided to assist with the application of NOx Energy Efficiency Renewable Energy Set-Aside Allocations under the Acid Deposition Reduction Program, 6 NYCRR Part 237. To insure prompt processing of our request please follow all directions and complete all required sections. Fill in all blanks of either Renewable Energy or Energy Efficiency sections.

Applicant Information:

Facility or Applicants Name	ORIS number and Unit ID if applicable:
Address:	NADATS Account No:
	Contact Name:
	Phone Number:

Renewable Energy(RE): A power generating technology that produces electricity from wind energy, solar thermal energy, photovoltaics, methane waste, or sustainably managed biomass: but not the combustion or pyrolysis of solid waste.

$$RE \text{ (Mwh)} \times 1.5 \text{ (lb) NOX} \div 2000 \text{ (lbs / ton)} = \text{NOX Set-Aside request (tons)}$$

RE is the total net electricity provided to the grid during the control period (October 1st to April 30th).

**Attach documentation indicating the electricity generated and provided to the grid.

Renewable Energy NOX Set-Aside request for control period _____ is _____

Energy Efficiency(EE) : Electricity generating units that produce electricity more efficiently than the statewide annual average heat rate(NYS-HR); as established by the State each year base on the overall net heat input for resulting net electrical generation in New York for a calendar year. For comparison the states annual heat rate will be compared to a Units control period heat rate. For example: the 2005 NYS-HR will be compared to the Oct. 1st 2005- April 30th 2006 control period heat rate of the applying unit. For cogeneration facilities, the heat input for electricity generation is calculated by the sum of the heat input for combustion turbines, steam boilers (excluding backup boilers) and supplemental firing minus the net heat input of useful thermal energy provided for purposes other than electricity generation. Attach all computations and documentation.

EG = units net electrical generation for control period October 1 to April 30th _____ MWh

Applicants Unit net heat input for the control period (Unit-HI)= _____ mmBtu

Applicants Unit heat rate for the control period(Unit-HR)= Units-HI ÷ EG _____

Eff (Efficiency factor (unitless)) = (NYS-HR - Unit-HR) ÷ NYS-HR _____

For 2006 NYS-HR= 10.215 (mmBtu/MWh).

$$EG \text{ (Mwh)} \times \text{Eff} \times 1.5 \text{ (lb) NOx} \div 2000 \text{ (lbs / ton)} = \text{NOx Set-Aside allocation request (tons)}$$

Energy Efficiency NOX Set-Aside request for control period _____ is _____

Certification: I am authorized to make this submission on behalf of the owners and/or operators of the facility or applicant for which this submission is made. I certify under penalty of law that I have personally examined, and am familiar with, the statements and information submitted in this document and all its attachments. Based on my inquiry of those individuals with primary responsibility for obtaining the information, I certify that the statements and information are to the best of my knowledge and belief true, accurate, and complete. I am aware that there are significant penalties for submitting false statements and information or omitting required statements and information, including the possibility of fine or imprisonment.

Name:	
Signature:	Date:

