

**NEW YORK STATE DEPARTMENT OF ENVIRONMENTAL CONSERVATION**

Division of Air Resources, Bureau of Stationary Sources  
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**EMISSION REDUCTION CREDIT (ERC) QUANTIFICATION FORM**

**(Use this form for attainment (PSD) ERC netting purposes only – Ref: 231-8.2)**

**(NOTE: Emission reduction must be contemporaneous (231-4.1(b)(14)) to be approved)**

Name of Facility Creating and Using ERC(s) for Netting: \_\_\_\_\_

Address: \_\_\_\_\_

DEC ID#: \_\_\_\_\_ Emission Source ID#: \_\_\_\_\_

Contact Name: \_\_\_\_\_ Title: \_\_\_\_\_ Phone #: \_\_\_\_\_

I \_\_\_\_\_ (print name of facility’s authorized representative) **certify that the information contained herein is true to the best of my knowledge, information and belief.**

Signature: \_\_\_\_\_ Title: \_\_\_\_\_ Date: \_\_\_\_\_

**Reduction Type (check one box):**    **Past**    **Future (Note: Must be linked to proposed modification to be eligible for approval - Ref: 231-10.1(o))**

Preparer's name: \_\_\_\_\_ Title: \_\_\_\_\_

FOR DEC USE ONLY			
Approved ERCs for PSD Netting			
NO <sub>x</sub> : _____ TPY	PM-2.5: _____ TPY	Permit Number: _____	
PM-10: _____ TPY	PM: _____ TPY	ENB Notice Date: _____	
CO: _____ TPY	SO <sub>2</sub> : _____ TPY	Permit Mod Issuance/Surrender Date: _____	
Other Applicable Regulated NSR Contaminant – (See Appendix) _____:_____ TPY, _____:_____ TPY			
Reviewer's Name: _____			
Signature: _____		Date: _____	



DEC ID#: \_\_\_\_\_

Emission Source ID#: \_\_\_\_\_

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**Determination of the Baseline Period for the reduction(s)**

A.1 Emission Reduction Regulated NSR Contaminant (check **all** that apply to a specific emission reduction action at an emission source):

NO<sub>x</sub>      PM-2.5      PM-10      PM      CO      SO<sub>2</sub>

Other Applicable Regulated NSR Contaminant - (See Appendix): \_\_\_\_\_: \_\_\_\_\_;  
\_\_\_\_\_:

A.2 Emission Reduction Date: \_\_\_\_\_

NOTE: The emission reduction date is the date that the emission reduction(s) physically occurred (past reduction), or the date the reduction(s) is/are scheduled to occur (future reduction).

A.3 Describe action(s) taken (or to be taken) to reduce emissions for which ERC(s) is/are requested:

A.4 Baseline Period (231-4.1(b)(7)) for the emission reduction(s): \_\_\_\_\_ to \_\_\_\_\_

Line A.4 NOTES:

1. The same Baseline Period must be used for all applicable contaminants identified in A.1 above.
2. For an emission reduction which has physically occurred (past reduction), the Baseline Period consists of any 24 consecutive months within the five (5) years immediately preceding the emission reduction date (Line A.2 above).
3. For a future emission reduction, the Baseline Period consists of any 24 consecutive months within the five (5) years immediately preceding the date of receipt by the Department of the permit application for the project which proposes to use the emission reduction credits for netting purposes.

Emission Reduction Credit Quantification Form (con't)

DEC ID#: \_\_\_\_\_ Emission Source ID#: \_\_\_\_\_

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**Determination of Baseline Actual Emissions for the reduction(s)**

B.1 Enter the Baseline Actual Emissions (231-4.1(b)(4)) in tons per year (tpy) for each applicable Regulated NSR Contaminant (attach data summaries and calculations):

NO<sub>x</sub> \_\_\_\_\_ PM-2.5 \_\_\_\_\_ PM-10 \_\_\_\_\_ PM \_\_\_\_\_ CO \_\_\_\_\_ SO<sub>2</sub> \_\_\_\_\_

Other Applicable Regulated NSR Contaminant - (See Appendix): \_\_\_\_\_:\_\_\_\_\_;  
\_\_\_\_\_: \_\_\_\_\_

B.2 State Register or Federal Register publication notice date proposing any RACT, MACT or other control requirement (OCR) that may be applicable to the emission source for which ERCs are requested:

<u>Contaminant</u>	<u>RACT Date</u>	<u>MACT Date</u>	<u>OCR Date*</u>
NO <sub>x</sub>	_____	_____	_____
PM-2.5	_____	_____	_____
PM-10	_____	_____	_____
PM	_____	_____	_____
CO	_____	_____	_____
SO <sub>2</sub>	_____	_____	_____
Other:			
_____	_____	_____	_____
_____	_____	_____	_____

\* - Identify OCR that applies: \_\_\_\_\_

B.3 Emission Reduction Date (from Line A.2 on page 2) \_\_\_\_\_

B.4 What are the Baseline Actual Emissions reflecting RACT, if applicable (tpy)? (see notes)

NO<sub>x</sub> \_\_\_\_\_ PM-2.5 \_\_\_\_\_ PM-10 \_\_\_\_\_ PM \_\_\_\_\_ CO \_\_\_\_\_ SO<sub>2</sub> \_\_\_\_\_

Other Applicable Regulated NSR Contaminant - (See Appendix): \_\_\_\_\_:\_\_\_\_\_;  
\_\_\_\_\_: \_\_\_\_\_

Emission Reduction Credit Quantification Form (con't)

DEC ID#: \_\_\_\_\_ Emission Source ID#: \_\_\_\_\_

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B.5 What are the Baseline Actual Emissions reflecting MACT, if applicable (tpy)? (see notes)

NO<sub>x</sub> \_\_\_\_\_ PM-2.5 \_\_\_\_\_ PM-10 \_\_\_\_\_ PM \_\_\_\_\_ CO \_\_\_\_\_ SO<sub>2</sub> \_\_\_\_\_

Other Applicable Regulated NSR Contaminant - (See Appendix): \_\_\_\_\_: \_\_\_\_\_;  
\_\_\_\_\_:

B.6 What are the Baseline Actual Emissions reflecting OCR, if applicable (tpy)? (see notes)

NO<sub>x</sub> \_\_\_\_\_ PM-2.5 \_\_\_\_\_ PM-10 \_\_\_\_\_ PM \_\_\_\_\_ CO \_\_\_\_\_ SO<sub>2</sub> \_\_\_\_\_

Other Applicable Regulated NSR Contaminant - (See Appendix): \_\_\_\_\_: \_\_\_\_\_;  
\_\_\_\_\_:

Lines B.4, B.5 and B.6 NOTES:

1. Attach data summaries and calculations.
2. For a past emission reduction that physically occurred after a State or Federal Register publication date proposing an applicable RACT, MACT or OCR, the Baseline Actual Emissions must be adjusted to reflect the applicable RACT, MACT or OCR.
3. For a future emission reduction, if the date that the emission reduction credits are approved is after a State or Federal Register publication date proposing an applicable RACT, MACT or OCR, then the Baseline Actual Emissions must be adjusted to reflect the applicable RACT, MACT or OCR.
4. Emission sources with source specific RACT determinations shall use the statutory RACT limit in conjunction with actual operating parameters to determine Baseline Actual Emissions.

DEC ID#: \_\_\_\_\_ Emission Source ID#: \_\_\_\_\_

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**Determination of Emission Reduction Credit(s)**

B.7 Enter the lesser of the Baseline Actual Emissions from Lines B.1, B.4, B.5 or B.6 (tpy):

NO<sub>x</sub> \_\_\_\_\_ PM-2.5 \_\_\_\_\_ PM-10 \_\_\_\_\_ PM \_\_\_\_\_ CO \_\_\_\_\_ SO<sub>2</sub> \_\_\_\_\_

Other Applicable Regulated NSR Contaminant - (See Appendix): \_\_\_\_\_:\_\_\_\_\_;

\_\_\_\_\_: \_\_\_\_\_

B.8 Enter the future Potential-To-Emit (PTE) as defined in 6 NYCRR Part 200 (tpy):

NO<sub>x</sub> \_\_\_\_\_ PM-2.5 \_\_\_\_\_ PM-10 \_\_\_\_\_ PM \_\_\_\_\_ CO \_\_\_\_\_ SO<sub>2</sub> \_\_\_\_\_

Other Applicable Regulated NSR Contaminant - (See Appendix): \_\_\_\_\_:\_\_\_\_\_;

\_\_\_\_\_: \_\_\_\_\_

B.9 Subtract Line B.8 from Line B.7. These are the emission reduction credits (tpy). If Line B.8 is greater than Line B.7, enter zero.

NO<sub>x</sub> \_\_\_\_\_ PM-2.5 \_\_\_\_\_ PM-10 \_\_\_\_\_ PM \_\_\_\_\_ CO \_\_\_\_\_ SO<sub>2</sub> \_\_\_\_\_

Other Applicable Regulated NSR Contaminant - (See Appendix): \_\_\_\_\_:\_\_\_\_\_;

\_\_\_\_\_: \_\_\_\_\_

## APPENDIX

Carbon monoxide

Nitrogen oxides

Sulfur dioxide

Particulate matter

Particulate matter: PM-10 emissions (including condensables)

Particulate matter: PM-2.5 emissions (including condensables)

Lead (elemental)

Fluorides

Sulfuric acid mist

Hydrogen sulfide (H<sub>2</sub>S)

Total reduced sulfur (including H<sub>2</sub>S)

Reduced sulfur compounds (including H<sub>2</sub>S)

Municipal waste combustor organics (measured as total tetra through octa-chlorinated dibenzo-p-dioxin and dibenzofurans)

Municipal waste combustor metals (measured as particulate matter)

Municipal waste combustor acid gases (measured as sulfur dioxide and hydrogen chloride)

Municipal solid waste landfills emissions (measured as nonmethane organic compounds)

Any other regulated NSR contaminant