

New York State Department of Environmental Conservation

Division of Air Resources

Bureau of Stationary Sources, 2nd Floor

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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)(13)) 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: For future ERC, emission reduction must be linked to proposed modification at existing major facility to be eligible for approval - Ref: 231-10.1(o))**

Preparer's name: _____ Title: _____

FOR DEC USE ONLY		
Approved ERCs for PSD Netting		
NO _x : _____ TPY	PM-2.5: _____ TPY	Permit Number: _____
PM-10: _____ TPY	PM: _____ TPY	ENB Notice Date: ____ / ____ / ____
CO: _____ TPY	SO ₂ : _____ 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#: _____

Determination of the Baseline Period for the reduction(s)

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

NO_x PM-2.5 PM-10 PM CO SO₂

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.

DEC ID#: _____

Emission Source ID#: _____

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_x _____ PM-2.5 _____ PM-10 _____ PM _____ CO _____ SO₂ _____

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 _x	____/____/____	____/____/____	____/____/____
PM-2.5	____/____/____	____/____/____	____/____/____
PM-10	____/____/____	____/____/____	____/____/____
PM	____/____/____	____/____/____	____/____/____
CO	____/____/____	____/____/____	____/____/____
SO ₂	____/____/____	____/____/____	____/____/____
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_x _____ PM-2.5 _____ PM-10 _____ PM _____ CO _____ SO₂ _____

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

Emission Reduction Credit Quantification Form (con't)

DEC ID#: _____

Emission Source ID#: _____

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

NO_x _____ PM-2.5 _____ PM-10 _____ PM _____ CO _____ SO₂ _____

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

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

NO_x _____ PM-2.5 _____ PM-10 _____ PM _____ CO _____ SO₂ _____

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.

DEC ID#: _____

Emission Source ID#: _____

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_x _____ PM-2.5 _____ PM-10 _____ PM _____ CO _____ SO₂ _____

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_x _____ PM-2.5 _____ PM-10 _____ PM _____ CO _____ SO₂ _____

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_x _____ PM-2.5 _____ PM-10 _____ PM _____ CO _____ SO₂ _____

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

APPENDIX

Carbon monoxide

Nitrogen oxides

Sulfur dioxide

Particulate matter

Particulate matter: PM-10 emissions (including condensibles)

Particulate matter: PM-2.5 emissions (including condensibles)

Lead (elemental)

Fluorides

Sulfuric acid mist

Hydrogen sulfide (H₂S)

Total reduced sulfur (including H₂S)

Reduced sulfur compounds (including H₂S)

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)

Greenhouse gases

Any other regulated NSR contaminant