

# New York State Department of Environmental Conservation

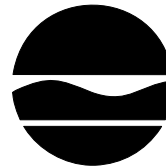
## Division of Air Resources

Bureau of Stationary Sources, 2<sup>nd</sup> Floor

625 Broadway, Albany, New York 12233-3254

Phone: (518) 402-8403 • FAX: (518) 402-9035

Website: [www.dec.ny.gov](http://www.dec.ny.gov)



## EMISSION REDUCTION CREDIT (ERC) QUANTIFICATION FORM

**(Use This Form For Part 231 Nonattainment Contaminants Only)**

**(NOTE: NO<sub>x</sub>, VOC & PM-10 EMISSION REDUCTIONS PRIOR TO 11/15/90 CANNOT BE APPROVED)**

**(NOTE: PM-2.5 and SO<sub>2</sub> EMISSION REDUCTIONS PRIOR TO 4/5/05 CANNOT BE APPROVED)**

Name of Facility Creating ERC(s): \_\_\_\_\_

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

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

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

NOTE: Contact name and phone number will be entered into the NYS ERC Registry which is available on DEC's website.

**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 major facility or modification to be eligible for approval – Ref: 231-10.1(o))

**\*Provide The Following Information For The Facility Proposing To Use The Future ERC(s):**

Facility Name: \_\_\_\_\_ DEC ID#: \_\_\_\_\_

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

Preparer's Name: \_\_\_\_\_ Title: \_\_\_\_\_

### FOR DEC USE ONLY

Approved ERCs

VOC: \_\_\_\_\_ TPY      NO<sub>x</sub>: \_\_\_\_\_ TPY      Permit Number: \_\_\_\_\_

PM-2.5: \_\_\_\_\_ TPY      PM-10: \_\_\_\_\_ TPY      ENB Notice Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

SO<sub>2</sub>: \_\_\_\_\_ TPY

Reviewer's Name: \_\_\_\_\_ Permit Mod Issuance Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Signature: \_\_\_\_\_ Permit Surrender Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

Date: \_\_\_\_/\_\_\_\_/\_\_\_\_      ERC Approval Letter Date: \_\_\_\_/\_\_\_\_/\_\_\_\_

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

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

---

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

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

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

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 as emission offsets or 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 nonattainment contaminant (attach data summaries and calculations):

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

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>	____/____/____	____/____/____	____/____/____
VOC	____/____/____	____/____/____	____/____/____
PM-2.5	____/____/____	____/____/____	____/____/____
PM-10	____/____/____	____/____/____	____/____/____
SO <sub>2</sub>	____/____/____	____/____/____	____/____/____

\*- 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> \_\_\_\_\_ VOC \_\_\_\_\_ PM-2.5 \_\_\_\_\_ PM-10 \_\_\_\_\_ SO<sub>2</sub> \_\_\_\_\_

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

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

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

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

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<sub>x</sub> \_\_\_\_\_ VOC \_\_\_\_\_ PM-2.5 \_\_\_\_\_ PM-10 \_\_\_\_\_ SO<sub>2</sub> \_\_\_\_\_

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

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

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> \_\_\_\_\_ VOC \_\_\_\_\_ PM-2.5 \_\_\_\_\_ PM-10 \_\_\_\_\_ SO<sub>2</sub> \_\_\_\_\_