

Virginia Department of Environmental Quality Application for CO₂ Budget Source Exemption Permit

This application is being submitted for a permit to be exempt:

- Initial Exemption Permit
- Application Update. All information must be included to ensure the updated application contains all necessary information, not just the information that changes. No changes to the exemption permit will be necessary.

Identification of the CO₂ budget source:

Plant Name	
Plant Address - Street	
Plant Address - City	
Plant Address - Zip	
DEQ Registration #	
ORIS or EIA Facility Code	
Designated Representative	

Identify each CO₂ budget unit at the CO₂ budget source for which this exemption permit application is being submitted (Add or delete rows as needed):

CO ₂ Budget Unit Reference ID	CO ₂ Budget Unit Description	CO ₂ Budget Unit Rated Capacity

This CO₂ Budget Source is, and will continue to be, exempt from the requirements of 9VAC5-140 Part VII. To qualify for continued exemption, this application requests permit requirements to comply with [9VAC5-140-6040B](#).

This application is being submitted for a permit to be exempt because the CO₂ budget source, on a calendar year basis (select one):

- Supplies and will supply less than or equal to 10% of its annual net electrical generation (calculated pursuant to 9VAC5-140-6040B) to the electric grid.
- Supplies and will supply less than or equal to 15% of its annual total useful energy to any entity other than the manufacturing facility to which the CO₂ budget source is interconnected.

To demonstrate initial eligibility for either exemption, source data and calculations using the applicable method provided with this application form for calendar year 2020 and 2021 must be provided with the completed application. In addition, records demonstrating on-going compliance with the exemption using these methods have been and will be maintained on a calendar year basis. These records will be available for inspection by the Virginia Department of Environmental Quality and will be current for the most recent five years.

Submission Certification

I certify under penalty of law that this document and all attachments were prepared under my direction or supervision in accordance with a system designed to assure that qualified personnel properly gather and evaluate the information submitted. Based on my inquiry of the person or persons who manage the system, or those persons directly responsible for gathering and evaluating the information, the information submitted is, to the best of my knowledge and belief, true, accurate, and complete. I am aware that there are significant penalties for submitting false information, including the possibility of fine and imprisonment for knowing violations.

Responsible Official for CO₂ Budget Source

Date

Name: _____

Title: _____

Exemption Option Demonstration Methods

Option #1 - Supplies less than or equal to 10% of its annual net electrical generation to the electric grid.

To qualify for the exemption using this option, annual net electrical generation shall be determined as follows and shall be less than or equal to 10%:

$$(ES - EP) / EG \times 100$$

Where:

ES = electricity sales (\$) to the grid from the CO₂ budget source

EP = electricity purchases (\$) from the grid by the CO₂ budget source and the manufacturing facility to which the CO₂ budget source is interconnected

EG = electricity generation

Option #2 - Supplies less than or equal to 15% of its annual total useful energy to any entity other than the manufacturing facility to which the CO₂ budget source is interconnected.

To qualify for the exemption using this option, the annual total useful energy supplied to an entity other than the interconnected manufacturing facility shall be determined as follows and shall be less than or equal to 15%:

$$OUE / TUE \times 100$$

Where:

TUE = total useful energy (mmBtu) produced

OUE = useful energy (mmBtu) supplied to any entity(s) other than the manufacturing facility to which the CO₂ budget source is interconnected