

**PROPOSED REGULATION OF THE
STATE ENVIRONMENTAL COMMISSION**

LCB FILE NO. R138-24I

**The following document is the initial draft regulation proposed
by the agency submitted on 06/20/2024**

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P2024-08

EXPLANATION – Matter in *italics* is new; matter in brackets [~~omitted material~~] is material to be omitted.

AUTHORITY: §1, NRS 445B.210.

A PERMANENT REGULATION relating to air pollution, with the emission limitation for Reasonable Progress to be established on a case-by-case basis.

Section 1. Chapter 445B of NAC is hereby amended by adding thereto a new section to read as follows:

The emission limits, schedules of compliance and other measures as may be necessary to make reasonable progress must be established, taking into consideration:

- 1. The costs of compliance;*
- 2. The time necessary for compliance;*
- 3. The energy and non-air quality environmental impacts of compliance; and*
- 4. The remaining useful life of the source;*

Section 2. Chapter 445B of NAC is hereby amended by adding thereto a new section to read as follows:

- 1. The sources listed below must install, operate, and maintain the following control measures which are necessary to make reasonable progress and must not emit or cause to be emitted NO_x, in excess of the following limits:*

(a) For power-generating unit Piñon Pine of NV Energy’s Tracy Generating Station, located in hydrographic area 83:

<i>UNIT</i> <i>(CT + Duct Burner)</i>	<i>NO_x</i>	
	<i>Emission Limit</i> <i>(lb/10⁶ Btu, 30-day rolling average)</i>	<i>Control Type</i>
<i>Piñon Pine 4</i>	<i>0.0148</i>	<i>Permanent use of only pipeline quality natural gas as fuel, steam injection, and selective catalytic reduction</i>

(b) For power-generating unit numbers 1 and 2 of NV Energy's North Valmy Generating Station, located in hydrographic area 064:

<i>UNIT</i> <i>(Boiler)</i>	<i>NO_x</i>	
	<i>Emission Limit</i> <i>(lb/10⁶ Btu, 30-day rolling average)</i>	<i>Control Type</i>
<i>1</i>	<i>0.1029</i>	<i>Permanent use of only pipeline quality natural gas as fuel, Low NO_x burners, and one of the following: selective noncatalytic reduction, flue gas recirculation, or selective catalytic reduction</i>
<i>2</i>	<i>0.1029</i>	

(c) For power-generating unit numbers 1 and 2 of NV Energy's North Valmy Generating Station, located in hydrographic area 064, an initial performance test and performance evaluation shall be conducted for PM₁₀ following the fuel switch to pipeline quality natural gas.

2. Each facility subject to subsection 1 shall:

(a) Install, calibrate, maintain, and operate a continuous emissions monitoring system (CEMS), and record the output of the system for NO_x emissions.

(b) Maintain a contemporaneous log of monitoring and recordkeeping in accordance with the monitoring and recordkeeping provisions specified in 40 CFR 75. All records in the log must be identified with the calendar date of the record. All specified records shall be entered into the log at the end of the shift, end of the day of operation, or the end of the final day of operation for the month, as appropriate.

(c) Submit yearly reports in accordance with the reporting provisions specified in 40 CFR 75, including, but not limited to, throughput, productions, fuel consumption, hours of operation, and emissions.

(d) Record the occurrence and duration of any start-up, shutdown, or malfunction in the operation of an affected facility and any malfunction of the air pollution control equipment or any periods during which a continuous monitoring system or monitoring device is inoperative.

3. The conversion of power-generating unit numbers 1 and 2 of NV Energy's North Valmy Generating Station from coal to the permanent use of only pipeline quality natural gas as fuel must be met on or before December 31, 2026.

4. The established control measures must be installed and operating, and emission limits in subsection 2 must be met:

(a) On or before the date 36 months after the effective date of EPA approval of the Nevada's reasonable progress determination for NV Energy's North Valmy Generating Station unit number 1.

(b) On or before the date 36 months after the effective date of EPA approval of the Nevada's reasonable progress determination for NV Energy's North Valmy Generating Station unit number 2.

(c) On or before the date 36 months after the effective date of EPA approval of the Nevada's reasonable progress determination for NV Energy's Tracy Generating Station Piñon Pine unit.

5. If the ownership of any emission unit regulated under this section changes, the new owner must comply with the requirements set forth in section 2.