

STATE OF NEVADA  
DEPARTMENT OF CONSERVATION AND NATURAL RESOURCES  
DIVISION OF ENVIRONMENTAL PROTECTION – BUREAU OF AIR POLLUTION CONTROL

**Director’s Review and Preliminary Determination of Permit Issuance for**

**Switch, LTD.  
Storey County, Nevada  
January 13, 2025**

Switch, LTD. (Switch) submitted an application for a revised Class I Air Quality Operating Permit to Construct (OPTC), AP7375-3672, FIN A1896, for the Switch facility in Storey County, Nevada. The project is located approximately 15 miles east of Reno, NV, in all or portions of Sections 10, 11, 13-16, 21-24, 27, Township 19 N, Range 22 E, M.D.B.&M.

Switch is a datacenter and is proposing to revise the number of generators and the operating hours in System 01 from 19,887 hours to 7,879 hours per 12-month rolling period. Switch is also adding Systems 06 Emergency Generators and 07 Emergency Generators, as well as revising the number of Insignificant Activity Cooling Towers.

The Nevada Division of Environmental Protection – Bureau of Air Pollution Control (BAPC) has reviewed the application for the above-referenced operating permit, and has made a preliminary determination to issue the operating permit. The facility-wide Potential to Emit (PTE), including emissions from Non-Permit equipment are given in the table below.

	<i>Switch, LTD. Potential to Emit (PTE)</i>			
	<b>Pollutant</b>	<b>Net Change - OPTC Revision (tons/year)</b>	<b>Facility-Wide (tons/year)</b>	
Current emissions estimates indicate Switch is a Class I Major Stationary Source, as emissions of one or more criteria pollutant are greater than 100 tons per year (TPY). Switch is classified as an area source of HAPs as the PTE for a single HAP is less than 10 TPY and combined HAPs are less than 25 TPY.	<b>PM</b>	Particulate Matter	-1.45	4.41
	<b>PM<sub>10</sub></b>	Particulate Matter ≤ 10 microns in diameter	-1.45	4.41
	<b>PM<sub>2.5</sub></b>	Particulate Matter ≤ 2.5 microns in diameter	-1.45	4.41
	<b>SO<sub>2</sub></b>	Sulfur Dioxide	-0.057	0.23
	<b>NO<sub>x</sub></b>	Oxides of Nitrogen	-77.0	172.3
	<b>CO</b>	Carbon Monoxide	-6.30	27.7
	<b>VOC</b>	Volatile Organic Compounds	-35.8	17.9
	<b>Pb</b>	Lead	0.00	0.00
	<b>HAP (single)</b>	Hazardous Air Pollutants	< 10	< 10
	<b>HAPs (all)</b>	Hazardous Air Pollutants	-1.13	0.22
	<b>GHG (CO<sub>2e</sub>)</b>	Greenhouse Gases (Carbon Dioxide Equivalent)	-128,927.6	22,898.2

The project is located in Air Quality Hydrographic Area (HA) 83 of the Tracy Segment. HA 83 is designated as PSD and is triggered for NO<sub>2</sub>, SO<sub>2</sub>, and PM<sub>10</sub>. Switch will be subject to 40 CFR Part 60 Subpart IIII – Standards of Performance for Stationary Compression Ignition Internal Combustion Engines and 40 CFR Part 63 Subpart ZZZZ – Standards for Hazardous Air Pollutants for Stationary Reciprocating Internal Combustion Engines.

Air dispersion modeling conducted by the applicant and the Nevada Division of Environmental Protection – Bureau of Air Quality Planning (BAQP) demonstrates that continued operation of Switch, after equipment associated with the OPTC is constructed, will not violate any air quality standard.

Switch must comply with all State and Federal air quality requirements and all conditions established within the proposed draft OPTC.