

## GP NM

The Green Party of New Mexico (GPNM) opposes the granting of a permit allowing microgrid construction and operation in Doña Ana County. Yucca Growth Infrastructure, LLC (YGI) proposes to use natural gas to energize the proposed data center via Bloom Energy solid oxide fuel cells (SOFCs). These fuel cells significantly reduce multiple known harmful emissions from natural gas combustion; however, carbon dioxide is still an issue, particularly with Bloom Energy's history of making false claims on emissions from its SOFCs. Further, desulfurization canisters within the fuel cells capture the sulfur added as a safety feature to the purchased natural gas. Other pollutants, such as benzene, are also captured. Media must be replaced within the canister when it is spent, i. e., has reached absorption capacity. Projections of sulfur dioxide emission likely assume continuous operation of unspent canisters. Please assess for how this will be monitored and managed. Further, there must be an accounting of what will be done with the spent canisters. While this particular permit may concern itself only with emissions into the air; the New Mexico Environment Department has an obligation to see that the disposal of spent canisters doesn't simply transfer pollutants from the air to land or water.

Here is a link to a recently compiled list of failings and falsehoods by Bloom Energy over more than a decade and as recently as 2026: <https://rhinocerosmedia.org/bloom-contradictions/>

Just because an applicant says something is true doesn't mean that it is.



Green Party of New Mexico  
(GPNM)  
3536 Anderson Ave. SE  
Albuquerque, New Mexico 87106

505.226.7533

5 July 2025

New Mexico Environment Department  
Air Quality Bureau, Permit Section  
525 Camino de los Marquez Suite 1  
Santa Fe, New Mexico 87505-1816

Re: Air Quality Permit for Yucca Growth Infrastructure, LLC  
Permit No. 10883, TEMPO Agency Interest No. 41351-PRN20260001

To Whom it may Concern:

The Green Party of New Mexico (GPNM) opposes the granting of a permit allowing microgrid construction and operation in Doña Ana County. Yucca Growth Infrastructure, LLC (YGI) proposes to use natural gas to energize the proposed data center via Bloom Energy solid oxide fuel cells (SOFCs). These fuel cells significantly reduce multiple known harmful emissions from natural gas combustion; however, carbon dioxide is still an issue, particularly with Bloom Energy's history of making false claims on emissions from its SOFCs. Further, desulfurization canisters within the fuel cells capture the sulfur added as a safety feature to the purchased natural gas. Other pollutants, such as benzene, are also captured. Media must be replaced within the canister when it is spent, i. e., has reached absorption capacity. Projections of sulfur dioxide emission likely assume continuous operation of unspent canisters. Please assess for how this will be monitored and managed. Further, there must be an accounting of what will be done with the spent canisters. While this particular permit may concern itself only with emissions into the air; the New Mexico Environment Department has an obligation to see that the disposal of spent canisters doesn't simply transfer pollutants from the air to land or water.

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Sincerely,

Green Party of New Mexico

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[info@greenpartyofnm.org](mailto:info@greenpartyofnm.org)