

Meade, Eddie (DNREC)

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To: CZA, Program (MailBox Resources)
Subject: Starwood Digital Ventures permits

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Questions: 1 - Where is this power coming from? 1.2 Gw (1200 MW) is a lot. On average Delaware can generate about 600 MW of power, the rest comes from outside the state.

What	Power	Percent
Data Center	1200 MW	
Backup Generators	1500 MW	100 % Capacity
Wilmington City	~ 114 MW	7.5% of new center
NC County	~ 743 MW	48.6% of new center
Kent	~ 241 MW	~15.7%
Sussex	~331 MW	~21.6%
Total	~1315 MW	

That data center will consume about as much power as the entire state. We are a net importer, again where will this additional power come from?

2 -What is the pollution level when all 516 generators kick on when there is a major blackout. (And if there is a major blackout with all of Delaware dark, do we really need AI or do we need lights and heat?)

3 - *"960, 1 MW batteries may be needed. "* Each MW battery system is a 20' long container, so you have 960 of these containers spread out. I'm interested in what the fire would be like in just one of them. What is the pollution when that happens? Is the Chesapeake City Fire Company equipped for that?