



Questions and Answers #2
RFP F50P9400010
DC Plant Power
December 18, 2018

Ladies and Gentlemen:

This list of questions and responses is being issued to clarify certain information contained in the above-referenced RFP. The State's responses are italicized. The statements and interpretations contained in responses to any questions, whether responded to verbally or in writing, are not binding on the Department unless the RFP is expressly amended. Nothing in any response to any questions is to be construed as agreement to or acceptance by the Department of any statement or interpretation on the part of the entity asking the question.

1. How many DC circuits make up the existing 85A load?

ANSWER: *Currently there are 9 circuits on A and 10 circuits on B, being utilized. This does not mean that the breakers that are currently open (4) will not be used at some point.*

2. What are the individual loads so that we know what size DC breakers are required?

ANSWER: *We do not have an accurate load for all of the individual devices being supplied DC. The load on the monitor is what we are using for reference. There are multiple splits along the way supporting the devices throughout the COLO. We have around 550 devices at this location, most of which are DC.*

3. With respect to any future DC Plant expansion, how many and what size breakers do you anticipate?

ANSWER: *The State of Maryland cannot anticipate the size of future breakers needed. Currently we have breakers ranging from 30A-100A (Qty. 8), 40A (Qty. 6), 50A (Qty. 2), 70A (Qty. 4), 80A (Qty. 2), 100A (Qty. 1) (supporting the inverter).*

4. I understand that you are requesting 120 Amps for (4) hours, but do you require any redundancy relative to battery backup (i.e. N vs. N+1 vs. N+2)?

ANSWER: *The State is relying on its own generator for the redundancy.*