## ADDENDUM 1: QUESTIONS and ANSWERS FOR RFP 58002

1. Is there a specification on the generator?

A: as far as a manufacturer goes, WVNET does not have a preference. We will just need something similar to what we currently have

- 2. What are the dimensions of the fenced area the generator will be located?
  - A: area for generator is 5'3" x 19'2"
    Concrete platform is 8' x 10'
    Workable areas inside fence is 40' x 15', one gate is 9' wide with pole between edges, which can be removed, and the other gate is 4' wide. Also, the fence is 8' high.
- 3. What is the make and model of the transfer switch?
  - A: Eaton Cutler-Hammer Transfer Switch Cat. No. ATVIMGF31200XRU

Some additional information from ATS cabinet: 2 each: source 1/utility source 2/generator Magnum DS MDSC20 Low Voltage AC Power Circuit Breaker 200 Amp Frame 3 Pole 50/60Hz

4. Does the proposal need to include a loadbank per NFPA?

A: WVNET has never used load bank. According to the NFPA 110 standards, we see a load bank test and a building load test. Since WVNET does a generator power on test each week and a Data Center load test each month, WVNET does not require a load bank

- 5. Can we provide the spec sheets for the generator being bid?
  - A: The spec sheets for the generator are attached but here is some general information: GENERAC Power Systems Model: 53896890100 Type: 5D0506-K36180D18GPSLC 277/480 500kw 625kva
- 6. Can we get a copy of the demand history from the power company?

A: the demand history from the power company is on an excel spreadsheet on the web site

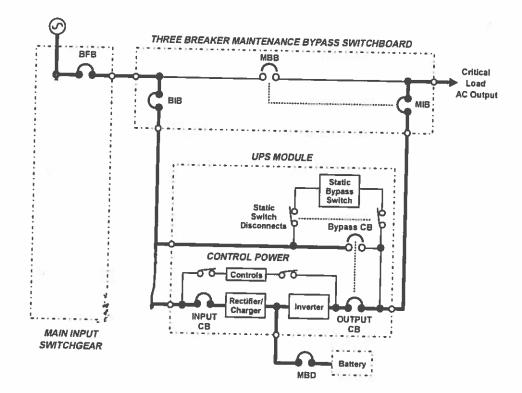


Figure 3-36. Load on UPS (Bypass Available)

WVNET Power \_UPS

UPS model: Liebert Series 610 UPS

Our UPS uses dual banks containing multiple batteries.

Service rating: 225kva/60hz 480vac/277vac UPS Input Power(3 phase, will use o for theta symbol): UPS Input: oA-B 492v 142a oB-C 496v 143a oC-A 494v 139a

Bypass Input(3 phase): oA-B 492v oB-C 496v oB-C 494v

Current average load:

107 kva 52% 105 kw 63% oA-B 138a oB-C 140a oB-C 118a

WVNET Power\_Automatic Transfer Switch(refer to as ATS)

ATS Model: Eaton ATC-600 Automatic Transfer Switch

2 switches: Utility Power(top switch): 120-600v 1200 a

Generator Power(lower switch): 120-600v 1200 a

WVNET PowerManual Transfer Switch(refer to as MTS)

Do not have a manufacturer. These were installed by WV Electric.

Our MTS is a series of three switches. Each switch handles one phase of the 3 phase power.

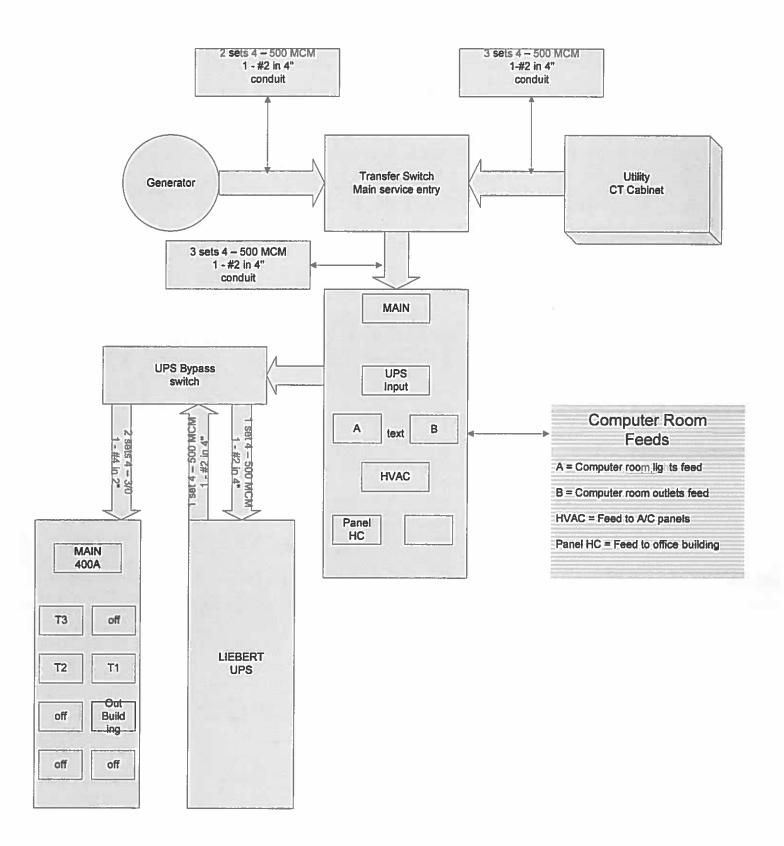
This system also has a connection in the event of work needing done involving the shut down of utility and back up power. There is an external feed in the event we need to rent a generator during any major maintenance.

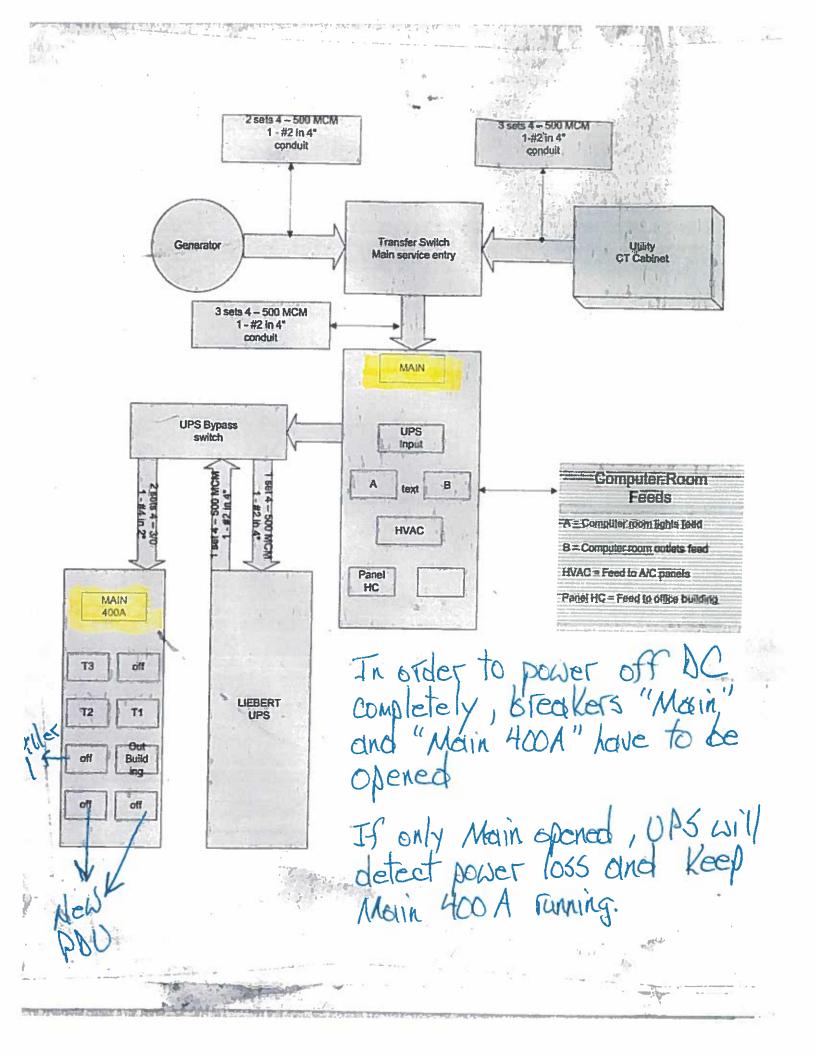
MTS each individually: 480/277v 600a

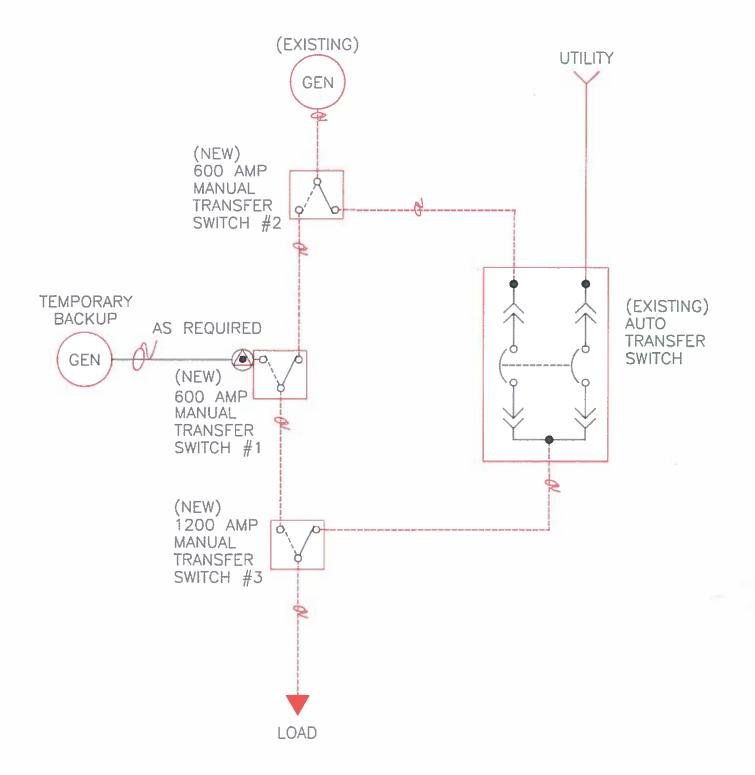
WVNET PowerGenerator Backup

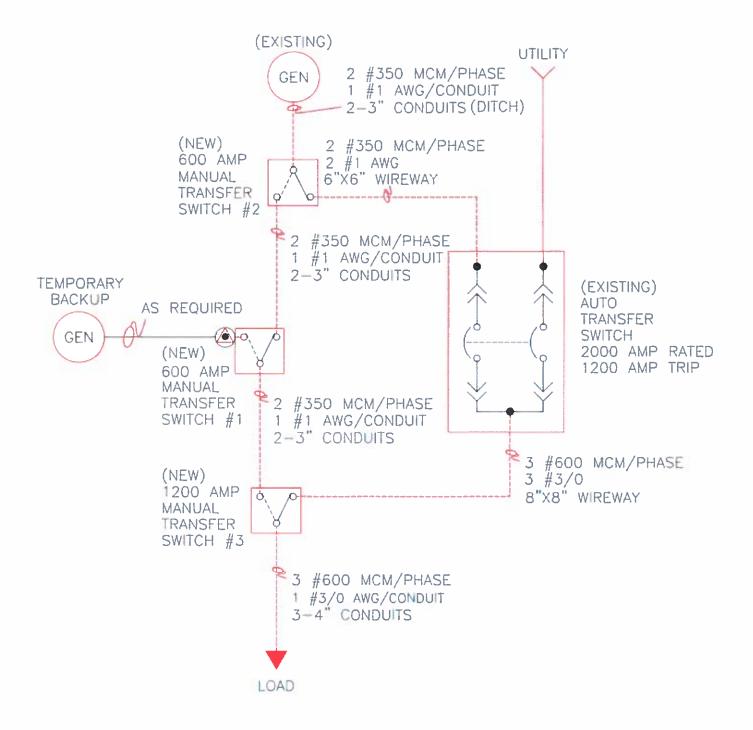
Generac Power Systems

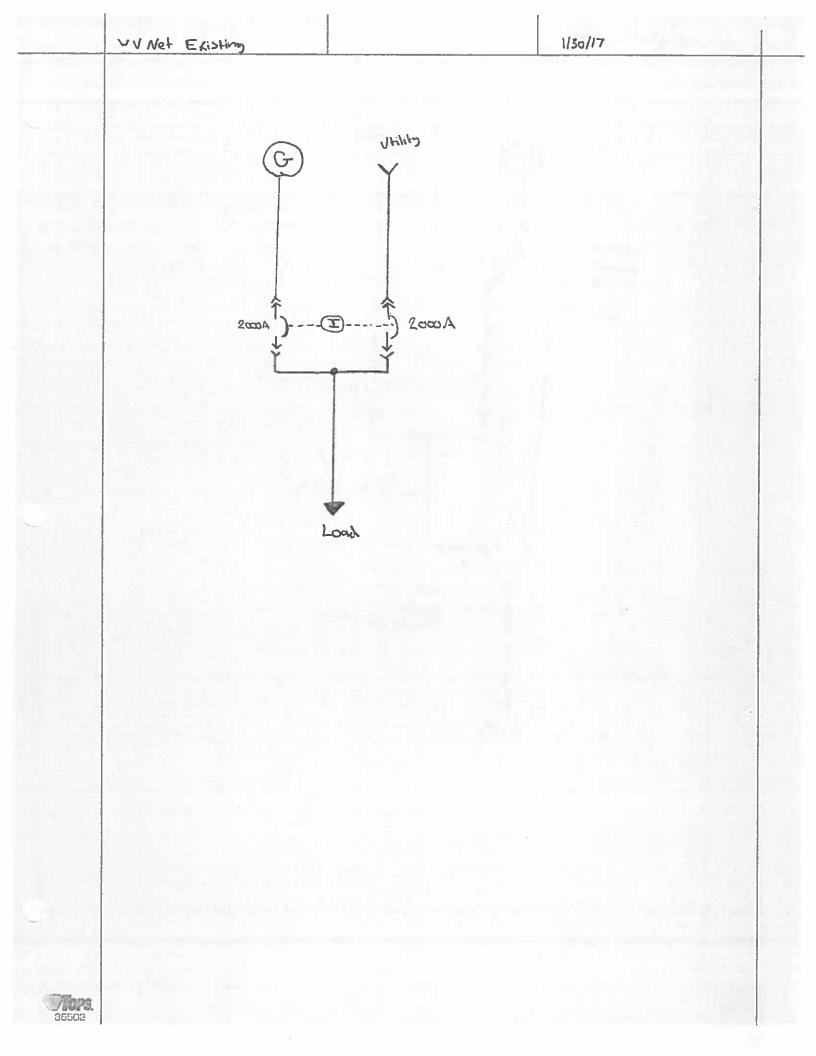
Model 5389680100 500kw 625kva 480/277v Diesel fueled, with estimated run time until re-fueling 2.5 days. Generator can be fueled while in use.



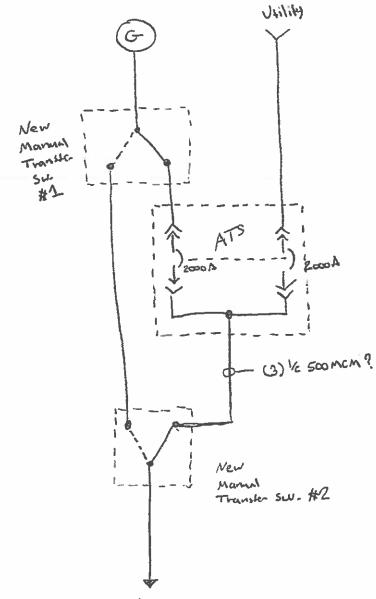








WVNet Proposed



LOAD



