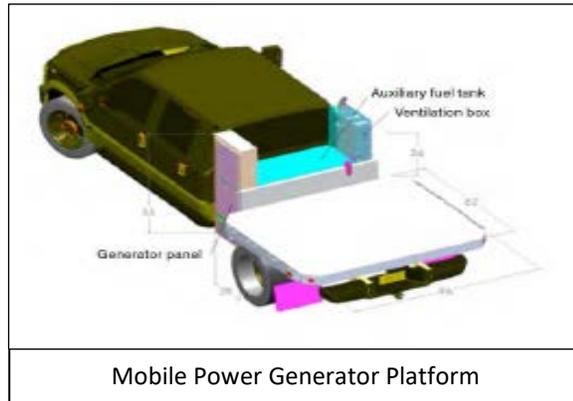




Contingency Response Wing (CRW)
Mobile Power Generation Prototype

Project Summary: The main limiting factor for Joint Task Force – Port Opening (JTF-PO) flexibility is the number of aircraft required to move an entire team and its equipment, which includes tents, HMMWVs, trucks, Halverson Aircraft Loaders, etc. The current maximum aircraft requirement is 6 x C-17s. Any reduction in the overall aircraft load footprint (1 pallet position at a time) is



extremely valuable for increasing the flexibility, readiness, and capability of the Global Response Force (GRF). Current CRW power generation requirements for Base Operations Support (BOS) are met with the use of Mobile Electric Power (MEP) 805 and MEP 806. The weight and size of the MEP 805 and 806 is excessive for operational needs and have a breakdown/non-mission capable rate that decreases the readiness of Contingency Response units.

Benefit: Using this new generator, with its size, stackability, and variable output, it is expected to be able to shrink the 3 required pallet positions for 5 generators and equipment to 1 pallet position.

Duration of project: FY18

Participants: 621st Contingency Response Wing

Project advocacy (funding or otherwise): Air Mobility Command