the trailer loses power. The switchgear can receive an emergency off signal that is hardwired from the datavan that shuts down the compressors and any running equipment, and also will disconnect the circuit breakers in the trailer.

[0017] The Auxiliary Trailer unit contains a Variable Frequency Drive house which is also known as the Power Control Room, and a transformer mounted onto a single trailer. This can be used to control the blender discharge motor, the blender hydraulic motor, the hydration unit hydraulic motor, blower motors, fan motors, heaters, and other onboard electronics on either the blender or hydration units. The discharge motor on the blender can be speed controlled, and the other motors are run on or off at single speed. The VFD can also contain the soft starter for the smaller blower motors for cooling.

[0018] Embodiments of the invention include a transformer unit that is visible on the rear and sits above the triple axels. The transformer is used to convert 13.8 kV to 600 V to provide power to the VFD house. Embodiments of the invention include auxiliary trailers with a 3000 kVA transformer and another embodiment can include a 3500 kVa transformer.

[0019] Further, the auxiliary trailer can provide power to the primary and secondary blenders, the hydration unit, the sand conveyor belt, which can be a dual belt, and the datavan. The fleet can contain either one single Auxiliary trailer unit or two, where the secondary blender can be powered at all times by the second auxiliary trailer unit.

[0020] Embodiments of the invention can also include a secondary trailer unit that will help with the power cable management. This creates two separate power grids and increases the redundancy of the operation. Two turbines in this embodiment will power a single switchgear which will provide power to half of the fracturing pumps, and a single auxiliary trailer, and if one pair of turbines shuts down due to a mechanical failure, electrical fault, or overheating, the