

CLAIM LISTING FOR U.S. PATENT NO. 11,208,878

Claim Number	Claim Element
1[p]:	A hydraulic fracturing system for fracturing a subterranean formation, comprising:
1[a]	an electric powered pump coupled to a well associated with the subterranean formation and powered by at least one electric motor, the electric powered pump configured to pump fluid into a wellbore associated with the well;
1[b]	a variable frequency drive (VFD) connected to the at least one electric motor to control the speed of the at least one electric motor;
1[c]	a transformer for conditioning power to the electric powered pump, the power being received from at least one generator at a voltage higher than an operating voltage of the electric pump; and
1[d]	a switchgear, receiving power from at least one generator, configured to distribute power to a plurality of pieces of wellsite equipment,
1[e]	the switchgear having a common load sharing bus and front aligned, shielded cable connections,
1[f]	the switchgear being positioned within an enclosure;
1[g]	wherein the electric powered pump, the VFD, the switchgear, and the transformer are mounted on a common support structure
1[h]	and a single cable couples the switchgear to the transformer.
2	The system of claim 1, wherein the common load sharing bus is configured to synchronize three-phase power of a similar voltage and frequency from different sources, the switchgear evenly distributing an

	electrical load between the electric powered pump and the at least one generator.
3	The system of claim 1, wherein the common load sharing bus is configured to isolate the electric powered pump, the at least one generator, and the switchgear.
4	The system of claim 1, wherein the electric powered pump, the VFD, and the transformer are mounted on the common support structure and a second single cable couples the switchgear to the common support structure.
5	The system of claim 1, further comprising: a cooling system providing a cooling fluid to the VFD via one or more headers.
6	The system of claim 1, wherein the switchgear comprises: integrated core units configured to operate in a connected position, an open position, or a grounded position.
7[a]	The system of claim 6, wherein the switchgear further comprises: an isolating ground switch, enclosed within a tank arranged proximate the common load sharing bus; and

7[b]	cable connections for coupling to the switchgear.
8	The system of claim 1, wherein the common support structure is at least one of a trailer, a skid, a pad, a truck bed, or a combination thereof.
9	The system of claim 1, further comprising: cable trays positioned below a walking surface of the common support structure, the cable trays being covered by a hinged cover that pivots to provide access to one or more cable trays.
10	The system of claim 1, further comprising: a human machine interface, positioned proximate the VFD; and a platform cover at least partially covering the humane machine interface and VFD.