

Challenged Claims – U.S. Pat. No. 11,211,801	
<u>Claim Limitation</u>	<u>Claim</u>
1[p]	A system comprising:
1[a]	a first mobile unit;
1[b]	at least one switch gear to be associated with at least one transformer, an interconnect, and a bus bar; and
1[c]	at least one first generator coupled to the at least one switch gear and located on the first mobile unit with the at least one switch gear,
1[d]	the first mobile unit configured to provide power generated by the at least one first generator using electrical buses of the at least one switchgear and using the at least one transformer, the interconnect, and the bus bar, the power for loads on one or more external mobile units,
1[e]	the at least one switchgear, the electrical buses, the interconnect, and the bus bar sized to support voltage and current requirements of the loads and to support voltage and current outputs of the at least one transformer with the at least one first generator in a load sharing arrangement with a second generator of a second mobile unit.
2	The system of claim 1, wherein the system is part of a hydraulic fracturing system that consumes the power and that comprises a wellbore and at least one pressuring system to create fractures in a subterranean formation that surrounds the wellbore.
3	The system of claim 1, further comprising: at least one fracturing pump (FP) mobile unit of the one or more external mobile units, the at least one FP mobile unit physically external relative to the first mobile unit, wherein the at least one transformer is provided to condition the power supplied to the at least one FP mobile unit.
4	The system of claim 1, further comprising: a predetermined number of FP mobile units comprised in the one or more external mobile units, the predetermined number of FP mobile units determined by a maximum of the power available from the at least one first generator and handled by the at least one switch gear.
5	The system of claim 1, further comprising: a predetermined number of first generators comprising the at least one first generator, the predetermined number of first generators having individual power output values that is lesser

	than a power output of an isolated single generator occupying all available space in an independent mobile unit physically external to the first mobile unit.
6	The system of claim 1, further comprising: the at least one switchgear being physically arranged to replace an electronic equipment room (EER) of at least one of the one or more external mobile units that is designed to comprise the EER.
7[a]	The system of claim 1, further comprising: at least one Variable Frequency Drive (VFD); and
7[b]	at least one Motor Control Center (MCC), the VFD and the MCC being on individual ones of the one or more external mobile units that is physically external relative to the first mobile unit
8	The system of claim 1, further comprising: the interconnect configured to couple the first mobile unit with the second mobile unit, the second mobile unit having at least one second switch gear in addition to the second generator, the interconnect to transmit power in support of redundancy in addition to the load sharing arrangement between the first mobile unit and the second mobile unit.
9[a]	The system of claim 1, further comprising: the at least one switch gear configured in the load sharing arrangement by being in part on an incoming side of the at least one transformer such that the sizing is based at least in part on current available for the voltage output of a secondary side of the at least one transformer that is coupled to the at least one first generator and the second generator; or
9[b]	the at least one switch gear configured in the load sharing arrangement by being in part on an outgoing side of the at least one of the at least one transformer such that the sizing is based at least in part on the current available at the secondary side of the at least one transformer that is coupled to the at least one first generator and the second generator.
10[a]	The system of claim 1, further comprising: at least one load sharing FP mobile unit coupled, as at least one of the loads, with a second FP mobile unit of the one or more external mobile units; and.
10[b]	a datavan in the one or more external mobile units for control of the at least one load sharing FP mobile unit, the datavan offering the control of the at least one load sharing FP mobile unit instead of a second control available from within the first mobile unit
11	The system of claim 1, further comprising: the at least one transformer being an isolation transformer that is located in the one or more external mobile

	units, the isolation transformer being physically external relative to the first mobile unit and being configured for filtering harmonics between the at least one first generator and the loads in the one or more external mobile units.
12[p]	A method comprising:
12[a]	providing a first mobile unit with at least one first generator and at least one switchgear located together in the first mobile unit, the at least one first generator coupled to the at least one switch gear on the first mobile unit, the at least one switch gear to be associated with at least one transformer and with an interconnect and a bus bar;
12[b]	generating power from the at least one generator;
12[c]	providing the power using electrical buses of the at least one switchgear and using the at least one transformer, the interconnect, and the bus bar, the power for loads in one or more external mobile units, the at least one switchgear, the interconnect, the bus bar, and the electrical buses sized to support voltage and current requirements of the loads and to support voltage and current outputs of the at least one transformer with the at least one first generator in a load sharing arrangement with a second generator of a second mobile unit.
13[a]	The method of claim 12, further comprising: providing at least one fracturing pump (FP) mobile unit of the one or more external mobile units that is physically external relative to the first mobile unit; and
13[b]	conditioning the power supplied to the at least one FP mobile unit using the at least one transformer.
14	The method of claim 12, further comprising: determining a number of FP mobile units for the one or more external mobile units based at least in part on a maximum of the power available from the at least one first generator and handled by the at least one switch gear.
15	The method of claim 12, further comprising: determining a number of generators for the at least one first generator based at least in part on the number of first generators having individual power output values that is lesser than a power output of an isolated single generator occupying all available space in an independent mobile unit physically external to the first mobile unit.
16	The method of claim 12, further comprising: physically arranging the at least one switch gear to replace an electronic equipment room (EER) of at least one of the one or more external mobile units that is designed to comprise the EER.

17[a]	The method of claim 12, further comprising: providing at least one Variable Frequency Drive (VFD); and
17[b]	providing at least one Motor Control Center (MCC), the VFD and the MCC being on individual ones of the one or more external mobile units that is physically external relative to the first mobile unit.
18	The method of claim 12, further comprising: coupling the first mobile unit with the second mobile unit using the interconnect, the second mobile unit having at least one second switch gear in addition to the second generator, the interconnect to transmit power in support of redundancy in addition to the load sharing between the first mobile unit and the second mobile unit.
19[a]	The method of claim 12, further comprising: coupling at least one load sharing FP mobile unit to share the at least one load of a second FP mobile unit of the one or more external mobile units; and
19[b]	controlling, via a datavan in the one or more external mobile units, the at least one load sharing FP mobile unit, the datavan offering the control of the at least one load sharing FP mobile unit instead of a second control available from within the first mobile unit.
20	The method of claim 12, further comprising: filtering harmonics between the at least one first generator and the loads in the one or more external mobile units using an isolation transformer as the at least one transformer that is in the one or more external mobile units, the isolation transformer being physically external relative to the first mobile unit.