Network data ✕

	Bus Number	Section Number	Substation Number	Bus Name	Base kV	Area Num	Area Name	Zone Num	Zone Name	Owner Num	Owner Name	Code	Voltage (pu)	Angle (deg)	Normal Vmax (pu)	Normal Vmin (pu)	Emergency Vmax (pu)	Emergency Vmin (pu)
	1			BUS 1	138.0	1	IEEE14	1	IEEE 14	1	1	3	1.0600	0.00	1.1000	0.9000	1.1000	0.9000
	2			BUS 2	138.0	1	IEEE14	1	IEEE 14	1	1	2	1.0450	-4.98	1.1000	0.9000	1.1000	0.9000
	3			BUS 3	138.0	1	IEEE14	1	IEEE 14	1	1	2	1.0100	-12.73	1.1000	0.9000	1.1000	0.9000
	4			BUS 4	138.0	1	IEEE14	1	IEEE 14	1	1	1	1.0177	-10.31	1.1000	0.9000	1.1000	0.9000
	5			BUS 5	138.0	1	IEEE14	1	IEEE 14	1	1	1	1.0195	-8.77	1.1000	0.9000	1.1000	0.9000
	6			BUS 6	138.0	1	IEEE14	1	IEEE 14	1	1	2	1.0700	-14.22	1.1000	0.9000	1.1000	0.9000
	7			BUS 7	138.0	1	IEEE14	1	IEEE 14	1	1	1	1.0615	-13.36	1.1000	0.9000	1.1000	0.9000
	8			BUS 8	138.0	1	IEEE14	1	IEEE 14	1	1	2	1.0900	-13.36	1.1000	0.9000	1.1000	0.9000
	9			BUS 9	138.0	1	IEEE14	1	IEEE 14	1	1	1	1.0559	-14.94	1.1000	0.9000	1.1000	0.9000
	10			BUS 10	138.0	1	IEEE14	1	IEEE 14	1	1	1	1.0510	-15.10	1.1000	0.9000	1.1000	0.9000
	11			BUS 11	138.0	1	IEEE14	1	IEEE 14	1	1	1	1.0569	-14.79	1.1000	0.9000	1.1000	0.9000
	12			BUS 12	138.0	1	IEEE14	1	IEEE 14	1	1	1	1.0552	-15.08	1.1000	0.9000	1.1000	0.9000
	13			BUS 13	138.0	1	IEEE14	1	IEEE 14	1	1	1	1.0504	-15.16	1.1000	0.9000	1.1000	0.9000
	14			BUS 14	138.0	1	IEEE14	1	IEEE 14	1	1	1	1.0355	-16.03	1.1000	0.9000	1.1000	0.9000
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\Bus \ Plant \ Machine \ Load \ Fixed Shunt \ Switched Shunt \ Induction Machine \ NCSFCC \

\Buses and Equipment \ Branch \ Node-Breaker \ Other \