

PTI INTERACTIVE POWER SYSTEM SIMULATOR--PSS(R)E UniversiSUN, FEB 15 2026 21:49
 JANATH GEEGANAGE %MVA FOR TRANSFORMERS
 UNIVERSITY OF MANITOBA % I FOR NON-TRANSFORMER BRANCHES

FROM BUS		AREA	VOLT	GEN	LOAD	SHUNT	TO BUS		TRANSFORMER	RATING				
BUS#	X-- NAME	--X BASKV	ZONE	PU/KV	ANGLE	MW/MVAR	MW/MVAR	MW/MVAR	CKT	MW	MVAR	RATIO	ANGLE	% SET A
1	16.500	1	1.0400	0.0	71.7	0.0	0.0	4	230.00	1	1	71.7	27.1	1.000UN
		1	17.160		27.1R	0.0	0.0							
2	18.000	1	1.0250	9.3	163.0	0.0	0.0	7	230.00	1	1	163.0	6.8	1.000UN
		1	18.450		6.6R	0.0	0.0							
3	13.800	1	1.0250	4.7	85.0	0.0	0.0	9	230.00	1	1	85.0	-10.8	1.000UN
		1	14.145		-10.9R	0.0	0.0							
4	230.00	1	1.0258	-2.2	0.0	0.0	0.0	1	16.500	1	1	-71.7	-24.0	1.000LK
		1	235.93		0.0	0.0	0.0		230.00	1	1	40.9	22.9	
5	230.00	1	0.9956	-4.0	0.0	125.0	0.0		230.00	1	1	30.7	1.0	
		1	229.00		0.0	50.0	0.0		230.00	1	1	-40.7	-38.7	
		1	232.91		0.0	30.0	0.0		230.00	1	1	-84.3	-11.3	
6	230.00	1	1.0127	-3.7	0.0	90.0	0.0	4	230.00	1	1	-30.5	-16.5	
		1	232.91		0.0	30.0	0.0		230.00	1	1	-59.5	-13.4	
7	230.00	1	1.0257	3.7	0.0	0.0	0.0		18.000	1	1	-163.0	9.1	1.000LK
		1	235.92		0.0	0.0	0.0		230.00	1	1	86.6	-8.4	
									230.00	1	1	76.4	-0.9	
8	230.00	1	1.0159	0.7	0.0	100.0	0.0	7	230.00	1	1	-75.9	-10.6	
		1	233.66		0.0	35.0	0.0		230.00	1	1	-24.1	-24.3	
9	230.00	1	1.0323	2.0	0.0	0.0	0.0	3	13.800	1	1	-85.0	14.9	1.000LK
		1	237.44		0.0	0.0	0.0		230.00	1	1	60.8	-18.1	
									230.00	1	1	24.2	3.1	