





Generator	Bus	PCPLUS	(P.u)	asmin Q (P.U)	Gamak Q (P.U)
1	1	Lastra T	Sosle	-2	2.
2	2	1.4	palet	-1	1.4
3	6	0.2	0.1	-0.1	0.2

Line	From	tc	Z(P.u)	capacity (P.u)	1/2 (P.U)
1	1	2	0.1+ 50.17	2	oi
2	,	4	0.15+10.258	1	io
3	2	4	0.12+ j0.197	2	io
4	5	6	0.08+ 10.14	1	oi.
5	3	6	0.01+j0.18	1	٥٥
6	2	3	0.02+j0.037	2	io
7	4	5	0.02+50.037	2	io

Bus	P(P.u)	Q (Pu)
1	0.6	0.25
2	0.5	0.2
3	0.4	0.15
4	0.4	0.15
5	0.5	0.2
6	0.5	0.2

$$\begin{array}{c} V_{444} = Y_{41} + Y_{42} + Y_{45} + 15 \ 244 - j \ 27.51 \\ & \times Y_{55} + Y_{54} + Y_{56} = 14.38 - j \ 26.50 \\ & \times Y_{55} + Y_{54} + Y_{56} = 14.38 - j \ 26.50 \\ & \times Y_{55} + Y_{54} + Y_{56} = 26.00 - j \ 47.83 \\ & \times Y_{55} = -1.07 \\ & \times Y_{55} = -1.07 \\ & \times Y_{55} = -1.06 \\ & \times Y_{55} = -1.06$$

$$Q_{2}^{2} : Q_{2} + Q_{2}^{2} : 1.52 + 0.2 : 1.72 \qquad Q_{2}^{2} : Q_{2}^{2} :$$

$$P_{6}^{\text{sch}}: 0.2-0.5:-0.3$$

$$Q_{0}^{\text{sch}}: 0.1-0.2:-0.1$$

$$Q_{0}^{\text{sch}}: 0.1-0.2:-0.2$$

$$Q_{0}^{\text{sch}}: 0.1-0.2$$

$$Q_{0}^{\text{sch}}:$$