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# **LAMPIRAN**

**DATA UNIT PEMBANGKIT (SENGKANG)**

<b>CONs</b>	<b>#</b>	<b>Value</b>	<b>Description</b>
J		6.452	T'd0 (sec)
J + 1		0.021	T''d0 (sec)
J + 2		0.554	T'q0 (sec)
J + 3		0.043	T''q0 (sec)
J + 4		5.56	Inertia, H
J + 5		2	Speed Damping, D
J + 6		2.363	Xd
J + 7		2.182	Xq
J + 8		0.199	X'd
J + 9		0.395	X'q
J + 10		0.204	X''d = X''q
J + 11		0.107	X1
J + 12		0.03	S(1,0)
J + 13		0.4	S(1,2)

## EXCITATION MODEL

### IEEE Type AC2 Excitation System

<b>CONs</b>	<b>#</b>	<b>Value</b>	<b>Description</b>
J		0.025	TR (sec)
J + 1		1	TB (sec)
J + 2		1	TC (sec)
J + 3		1325	KA
J + 4		0.02	TA (sec)
J + 5		188.7	VA Max
J + 6		-188.7	VA Min
J + 7		1	KB
J + 8		47.2	VR Max
J + 9		-41	VR Min
J + 10		0.5	TE > 0 (sec)
J + 11		3.58	KL
J + 12		0	KH
J + 13		0.0094	KF
J + 14		1	TF > 0 (sec)
J + 15		0	KC
J + 16		0	KD
J + 17		1	KE
J + 18		18.45	VLR
J + 19		5.55	E1
J + 20		1.6	SE(E1)
J + 21		4.16	E2
J + 22		1.48	SE(E2)