









	3	26	0.7351	26	0.1454
8-28	1	30	1.1037	30	0.3115
	2	29	0.8796	29	0.2341
	3	26	0.7965	26	0.1375
27-30	1	30	0.9013	30	0.1546
	2	29	0.5690	26	0.0609
	3	26	0.3690	24	0.0545
10-17	1	30	1.0863	30	0.3094
	2	29	0.8617	29	0.2306
	3	26	0.7929	26	0.1389

#### 4. Conclusion

This paper has compared the performance of voltage stability indices including L index and modal analysis based on minimum eigenvalue of reduced jacobian matrix. These indices were tested on three test bus systems. From the above results, it can be concluded that the used indices are promising tools for the identification of weakest bus in the system. From this information, one can easily get the exact position for the installation of FACTS devices.

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