عنوان فارسی مقاله:
بهبود پایداری گذرا سیستم‌های کپیارچه شرق غرب بنگلادش به کمک جبرانساز (SVC)

عنوان انگلیسی مقاله:
Transient Stability Enhancement Of Bangladesh East West Interconnected System Using Static VAR Compensator (SVC)
6. ONCLUSION

Transient stability enhancement East-West interconnected System (EWIS) of Bangladesh Power System (BPS) has been studied in this work by means of SVC. Controllability and observability analyses on critical modes have been performed to tune SVC damping controller parameters. Two 200 MVAR SVCs are connected at Ishurdi and Sirajganj 230 kV buses. A three phase disturbance has been applied in a load bus near the Ishurdi bus. Time domain simulation shows the positive effect of SVC on the transient performance of the system. Oscillation of bus voltage, line active power flow and machine speed is well damped with SVC.