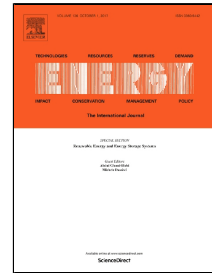


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Multiple-Feedback Control of Power Output and Platform Pitching Motion for a Floating Offshore Wind Turbine-Generator System

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- Multiple-feedback control for floating offshore wind turbine system is developed.
- Both blade pitch and generator torque are manipulated in multiple-feedback control.
- This control reduces both power-output fluctuation and platform pitching motion.
- Control parameter settings are investigated through sensitivity analysis.
- Employing first-order lag filter for nacelle fore-aft speed is effective.

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