Motivation

Vasilikos power system, is analyzed thoroughly.

The Main Idea

the small signal stability of the Cyprus system.

- Expected scenario for 2015 : average load 905 MW
- Main types of units: Gas turbines and Steam turbines





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Small Signal Dynamic model of the Cyprus power system Stefanos Baros (sbaros@andrew.cmu.edu) and Marija Ilic (milic@ece.cmu.edu)

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$$K_P = J_{GG} - J_{GL} J_{LL}^{-1} J_{LG} \qquad D_P =$$

