

Markov Model for Generating Units Dispatch

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In the paper, based on Markov Derated States Model (MDSM) a supporting tool was suggested to assist the load dispatch control department to improve unit's operational regime. As an example, a MDSM was built for a power station with three 360 MW coal fired units. The model's results enable to experts to make on-line decisions about preferred unit's configuration based on reliability criteria.