

Prospects of Deregulated Power Market in Japan and Challenges to Sustain Stable System Operation

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In Japan, retail competition has started for the large customers (about 30% of the total electricity demand) since March 2000 and the direction of the next deregulation scheme is under vivid discussion among the concerned parties. In this paper, the experiences so far acquired and the technical aspects for the next deregulation step in Japan are discussed, while focusing on peculiarities in Japanese electric power system. This paper refers to the specific topics below.

- Basic Japanese electric power market structure at present
- Peculiarities of electric power system in Japan
- Basic Japanese electric power market structure in future
- Focal points from technological aspects
- New challenges to the engineering

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