

PREFACE

Within the last few decades, the electricity business changed dramatically. On the engineering front, larger and more efficient generators were built and long-distance transmission lines sent power over great distances

Recent policy and technological changes, however, are enabling entrepreneurs to generate power below the average price, ending the notion that this industry is a natural monopoly

Large scale adoption of demand response technology is simulated to quantify the potential benefits of responsive demand. The effects of technology improvement via learning, long term demand elasticity, and policies to promote adoption are considered. Demand response support allows generators and loads to interact in an automated fashion in real time; this helps to eliminate the cost of adding reserve generators, cuts wear and tear and extends the life of equipment, and allows users.

Open access enabling non-discriminatory sale/ purchase of electrical energy between two parties utilizing the system of an (in-between) third part is an important issue for consumer.

The regulator has to play an important role to protect the consumer interest and also the development of power sector (improving the climatic condition and future environment)

The two important issues taken up by the Expert group for discussion are **“Regulatory intervention for AMR Technology & Regulatory Issues for generating companies”**

This compilation is brought out in response to persistent request from the members of CPU, as well as it contains the information which is useful for all those in power sector.

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