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Title: Mileage solar container cost frequency regulation

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What is the difference between regulation capacity clearing price and regulation mileage?

where L is the Lagrange function of the optimisation problem and is given in (43). The regulation capacity clearing price is the system incremental cost for procuring marginal regulation capacity and the regulation mileage clearing price is the system incremental cost for procuring marginal regulation mileage.

What are the clearing prices for regulation services?

The clearing prices for regulation services are given in (29)- (32). Generally, the LMP at each bus, i , could be decomposed into three components: (i) the marginal energy cost, (ii) marginal cost of transmission losses, and (iii) the marginal cost of transmission network congestions .

How are the revenues of regulation capacity payment and regulation mileage payment settled?

The revenues of regulation capacity payment and regulation mileage payment are settled at the regulation market clearing prices. It should be noted that the regulation mileage payment in Table 6 is an estimated value, as the actual mileage payment can only be determined after real-time operation when actual mileage data are available. Table 6.

What is the regulation mileage payment in Table 6?

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Revenues of the battery energy storage at Bus 1

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