

Smart grid 230 kWh

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2020,,16.5,20200058.8%,202020%--23%?

??,???,? ?? ?

(Smart Grid),???

****Suitable battery technology identified during the tender evaluation process**

The primary application under category-C is energy arbitrage wherein BESS will be utilized to save the peak power purchase cost of an institutional campus that has opted for utility Time of Day (ToD) electricity tariff. The system will be interconnected at the secondary terminal of a local DT dedicated for power supply within the campus and owned by the Institution. The control scheme for BESS operation was designed to optimize the benefit to the consumer provided that the system is operated within the technical constraints. The estimated benefit (in Indian Rupee - INR) with different battery size was calculated, as shown in figure 2, considering few assumptions as listed in Table 2.

This article edited by Mehdi Moghadasi

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