**Electrical Energy**

**(EE05)**



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| **Fact Sheet EE05: Purchase high efficiency refrigerators** |
| **Overview** |
| *Objective* | Reduce electrical energy consumption in the food and beverage department |
| *Action* | Replace existing refrigerators by newer high efficiency models |
| *Key Challenges* | None |
| **Process** |
| *Complexity* | Low |
| *Equipment & Material*  | New high efficiency refrigerators |
| *Human Resources* | Maintenance and engineering department personnel |
| **Considerations** |
| *Regulatory Aspects* | None |
| *Economic*  | High CAPEX, No special OPEX, High expected annual saving |
| *Advantages* | Can be done according to the hotel’ upgrade policy |
| *Disadvantages* | High initial investment |
| **Impacts** |
| *Environmental* | Pollution reduction by avoiding CO2 emissions |
| *Employment Opportunities* | None |