



AGI
ENERGY
SERVICE CENTRE
 Sustainable Energy for Profitability

WHY PERFORM DEMAND-SIDE MANAGEMENT (DSM) BEFORE IMPLEMENTING SOLAR PV?

Thinking of going solar? Demand-side management (DSM) will ensure the best return on your solar investment. DSM optimizes a facility's energy demand and consumption and cut its cost. It includes actions that optimize applicable tariff options (peak shaving, change in utility tariff

category), reduce waste (energy conservation measures) and options which provide an optimal load profile for solar PV self-consumption (load shifting). As DSM identifies the concrete capacity of the new Solar PV, it thus reduces the level of investments.

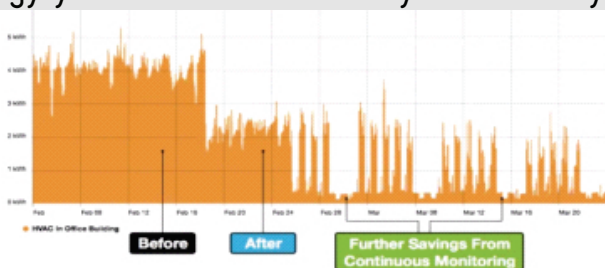
01 Understand your facility's energy use

You cannot manage what you don't know. The first step in DSM is to conduct an in-depth analysis of a facility's consumption. Appropriate historic power data from utility and/or sub-meters and a good understanding of a facility's operational requirements are necessary for a good analysis.



02 The best form of energy is the energy you don't use. It costs you no money.

Continuous monitoring and asset level targeting will ensure continuous and timely energy efficiency gains.



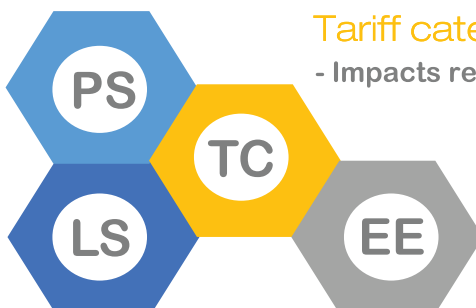
03 Demand-side management options

Peak shaving

- Reduce bills by paying less for maximum demand while reducing the capacity of the new Solar PV.

Load shifting

- Increase solar PV utilization



Tariff category change

- Impacts return on investment of solar PV

Energy efficiency measures

- Don't invest in solar PV to generate energy that goes to waste

For additional information on this opportunity, please contact:



+233 507 977 902
 info.esc@agighana.org
 www.esc.agighana.org
 AGI Energy Service Centre
 @agi_energy