Energy Conservation: Recommendations and Policies

Energy Conservation Recommendations

This section is under construction, more to come but below you will see our policies and some fun facts about our solar array.

Escalator Policy

Escalators are to be left **off** for all move-in/move-out days and non-contracted days.

- Escalators are to be turned on one-hour before an event opens and turned off one hour after scheduled closing.
- Escalators should only be operating in those areas of the facility that have a current, contracted event.
- As a facility of public accommodation, escalators may be operational one-hour prior, during and one-hour after events that are taking place in adjacent or adjoining facilities, such as the sports arena or symphony hall.

The Salt Palace Convention Center has eight banks of escalators:

- Main Entrance - Triple - One level
- South Concourse - Double - One level
- Building Intersection/North - Double - One level
- Building Intersection/East - Double - One level
- 155/255/355 Meeting Rooms - Double - Three levels
- Lower Lobby/Halls 2-4 - Two Doubles - One level
- West Lobby - Double - Two levels

Mountain America Exposition Center does not have any escalators.

HVAC Policy - Air Conditioning, Heating, Ventilation

AC and heating are to be left **off** for all move-in/move-out days and non-contracted days.

- Heating and air conditioning services are complimentary beginning one hour prior to each scheduled event and ending one hour after the scheduled closing.
- Additional ventilation required for non-show periods must be requested by the licensee and will be billed at the prevailing rates.

Lighting Policy

- Show lighting is to be left at 50% or less for all move-in/move-out days and non-contracted days. Work lighting will be available for move-in/move-out.
- All additional lighting services will be billed at the prevailing rates.

Salt Palace Convention Center Rooftop Solar Array

The Salt Palace Convention Center features a 600,000 square foot solar array on the roof with 6,006 solar panels/modules (pictured to the right). The project took three years to complete and has been operational as of May 2012. The rooftop array, on average, provides 17% of the Salt Palace's annual energy needs.



- Solar arrays are made up of solar cells. Solar cells electrically connected to each other and mounted in a support structure or frame creates a module (panel) and multiple modules can be wired together to form an array.
- Solar cells have a thin semiconductor wafer treated to form an electric field, positive on one side and negative on the other. Electrical conductors are attached to the positive and negative sides to create an electrical current (electricity). This process is called photovoltaics (PV).
- As the PV does it's job, the panels pull in DC (direct current) energy. An inverter is required to convert that energy into AC (alternating current) which is the form of electricity that traditional grid and transmission lines use. The Salt Palace has two large inverters that allow the PV to be used in our building.
- The Salt Palace's solar array has given us access to Solar Renewable Energy Credits (SREC's). These energy credits are available for purchase to offset your events energy footprint and support the Salt Palace Convention Center and Mountain America Expo Center's sustainability programs. Click here for more detailed information on energy offsets.
- Events can receive upwards of 25% (sometimes even more!) solar usage depending on time of year. If you're interested in your event's usage, let us know and we can get you some stats!

For more information and questions please contact

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