

ADOA Building Awarded the Energy Star Award

The US Environmental Protection Agency has issued an award to the Arizona Department of Administration for energy efficiency in two of their new buildings... (more)

The US Environmental Protection Agency has issued an award to the Arizona Department of Administration for energy efficiency in two of their new buildings. Under the Energy Star program the ADOA building at 100 North 15th Avenue and the ADEQ Building at 1110 W. Washington, in Phoenix, met the criteria with a performance rating in the top 25% of all buildings in the United States.

Several energy conservation strategies are built into the design of the buildings and are as follows:

- Energy efficient lighting
- Indirect lighting
- Tinted glazing with 20 % recycled content
- Motion sensor activated lighting in all offices, restrooms and break rooms
- Dimmable ballasts for lighting next to windows
- Reduced glare lighting
- High reflectivity ceiling and walls
- Energy Star transformers
- CO2 sensors in all return air plenums
- Energy Star rated single ply 20-year membrane roof with high reflectivity
- Variable Frequency Drives pump, fan and compressor motors
- Economizer mode utilizes cold tower water for cooling opposed to mechanical cooling utilizing compressors
- Return air temperature reset
- The buildings were designed to reach a 80% open office design for more natural light and improved working conditions.

Energy Star is a Federal program that encourages energy efficiency to help protect the environment. Saving energy means saving money for the State budgets. Additionally, reduced consumption reduces the greenhouse gases emitted when power plants generate electricity or fossil fuels are burned.

A brass plaque to affix to each building and a certificate to display were provided to ADOA. As you are entering the ADOA building you will notice this award on the right side next to the doors.