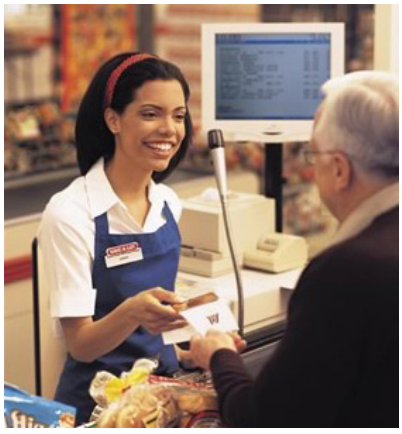
碳减排先锋
Defensores do Clima
クライメート・セイバーズ
Climate Savers

Reducing emissions through efficiency

SUPERVALU INC. is one of the largest companies in the U.S. grocery channel, employing 154,000 people in approximately 4,270 stores.



How SUPERVALU has promised to fight climate change

SUPERVALU's Climate Savers commitment is to cut its emissions of greenhouse gases by 10% by the end of 2012, with a baseline year of 2007.

Joining in September 2010, this partnership makes SUPERVALU the first major retailer to join WWF's Climate Savers programme.

SUPERVALU's initiative is comparable in scope to eliminating the electricity use of more than 352,000 average US homes for one year.

How SUPERVALU plans to achieve their target

SUPERVALU's targets set a new climate protection standard for the retail industry. Whereas other retailers have set intensity targets, SUPERVALU is the first retailer to announce an absolute reduction target for global Scope 1 and 2 emissions, despite projected business growth.

The company will focus initially on reducing emissions from its operations. They have identified three key areas in which they can reduce emissions - electricity, refrigerants, and transport.

Leveraging reductions in energy consumption

Electricity consumption is the largest component of SUPERVALU's footprint. Energy efficiency solutions are expected to cut electricity consumption by 2.5% each year, comprising the largest component of SUPERVALU's absolute emissions reduction.

These include conversion of store lighting from traditional fluorescent lamps to more efficient, LED-based projects, and the implementation of Green Teams in each store to empower store level associates to assist with energy conservations initiatives.

The company will also install night curtains that pull down over open refrigerated cases (which personnel will shut when stores are closed), upgraded fan motors in freezers and coolers, and alarms

linked to refrigeration controls which ring if walk-in doors are left open.

Another initiative to be undertaken by the company to reduce emissions from electricity consumption is to invest in Demand-Controlled Ventilation systems in their operations facilities, as opposed to Fixed Ventilation Systems. Spaces that are designed for large numbers of people usually require outside air to be ventilated in order to maintain good air quality. To do so, most spaces use systems that are designed to supply ventilated air based on assumed, rather than actual, occupancy. When used in spaces with fluctuating occupancy, such as retails stores, these systems can provide excess ventilation, resulting in unnecessary energy consumption. Most Demand-Controlled Ventilation systems, however, use special sensors to measure CO_2 concentration in a room, calculate the number of occupants required to produce that amount of CO_2, and tailor ventilation to suit - saving energy and reducing cost in the process.

Lower emissions from refrigerants

The reduction goal of this component will be driven by the installation and monitoring of equipment that detects leaks, the training of service technicians on compliance to new company policies and performance reporting, and the replacement of traditional systems with systems that have lower or no carbon emissions.

Transport efficiency

SUPERVALU is developing an integrated fleet transportation plan that will improve efficiency by training drivers in reducing diesel fuel consumption, improving truck idle times through use of on-board technology and reducing trailer refrigeration run time during loading and unloading of trailers.

"We are proud to be the first retailer to join Climate Savers and work with WWF to reduce our carbon emissions. As a company supporting a network of nearly 4,300 supermarkets across the United States, our goal is to be more efficient with a focus on energy. In addition to reducing SUPERVALU's impact on the environment, we look forward to collaborating with others in the grocery industry to operate stores more efficiently."

Andrew Herring Executive VP

LET THE CLEAN ECONOMY BEGIN

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