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Review of 2011 Salt Lake City e2 Business Annual Goals



Every year Alta Ski Area (ASA) pledges three sustainability goals as part of its Salt Lake City e2 Business membership (SLC e2). Each goal varies in level of difficulty from implementation to tracking. In addition, the program allows ASA the constant opportunity to practice trying new projects and improving teamwork. Last years goals were as follows:

1. **Create an Employee Computer Carbon Footprint baseline using the Alta Commute Program.**
2. **When replacing heating and electrical equipment ASA will evaluate alternatives and strive to replace with high energy efficient and eco-friendly upgrades in order to decrease our carbon footprint.**
3. **ASA challenges its employees to increase their environmental awareness and stewardship by volunteering 500 hours to local environmental efforts.**

The burning question is **were the goals attained?** The following explains our results:

1. **No.** This goal could not be completed because the service provider for our on-line commute program discontinued the product we were using, but alternative rideshare programs are being researched.
2. **Yes.** The following actions support Alta's commitment to this goal: New energy efficient programming software at Watson Shelter and Collins Lift angle station; Programmable thermostat in Wildcat Ticket Office/Ski Shop; Individual heaters and control in ticket office windows; New energy efficient windows throughout the mine cabin; Installed new insulation in the Supreme patrol shack.
3. **Yes.** Alta Ski Area employees surpassed the 500-hour goal with 582 hours and a total of 3795 hours to local charities and environmental organizations or events.

As part of the annual SLC e2 report, we must create new goals for the current calendar year 2012. This year company-wide goals are as follows:

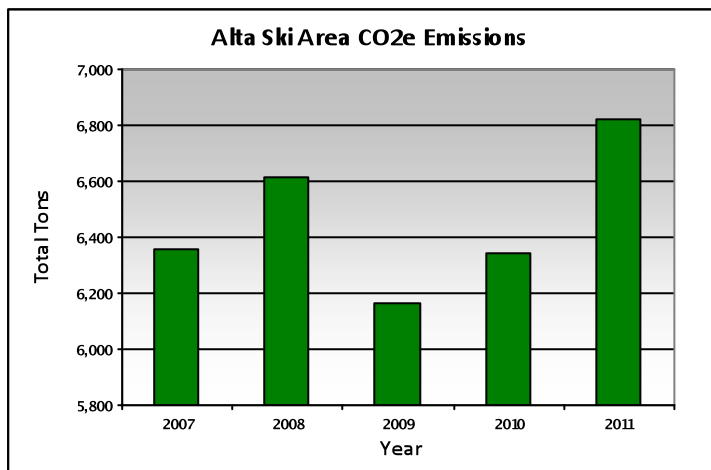
1. Create an Energy consumption baseline for heating of all lift shacks & terminals and take action to increase efficiency to reduce CO₂e by 35 tons.
2. Increase the size of our native nursery to 500 seedlings (currently at 100).
3. Upgrade all exterior lighting to the most energy efficient technology for Alta's conditions.

2011 Greenhouse Gas Emissions

As part of ASA's voluntary commitment to its community and the National Ski Area Association's Climate Challenge, ASA annually reports its greenhouse gas emissions (GHG) inventory. In addition, the ski area has committed to using Rocky Mountain Power's (RMP's) CO₂ emission factor because it allows for a community partnership of displaying the most accurate emission levels. In order to compare results annually Alta has also updated past annual inventories to RMP's emission factor (see graph). In conclusion

ASA's total 2011 emissions came to 6,819 CO₂e tons. In conclusion ASA's total 2011 emissions came to 6,761 CO₂e tons. Here are the sources calculated and impact by percentage: 62.2% electricity, 16.6% natural gas, .1% propane, 3.8% solid waste, 14.8% fuel for Snowcats and Snowmobiles, 2.3% fuel for on-road vehicles, and .2% stationary generators. To view more sustainability efforts by ASA take a look at its newly released 2011 Sustainability Report:

www.alta.com/documents/AltaSkiAreaSustainabilityReport_web.pdf.



Clean Snowmobile Challenge – By Arly Landry

Every year in the first week of march the Society of Automotive Engineers (SAE) sponsor a colligate Clean Snowmobile Challenge. Each team is given a scrap shell of an old machine and it must be converted into a green machine that will go 100 miles without refueling, can attain a trail speed of 45 mph and must be able to cover 500 feet in 12 seconds or less.

The Challenge also includes a zero-emissions category, for battery-powered sleds, sponsored by the National Science Foundation (NSF). NSF uses electric snowmobiles while conducting atmospheric research in pristine arctic locations and emissions resulting from the burning of fossil fuels on site can skew the research results. NSF seeks



to find a "zero-emissions" vehicle for transporting researchers and support staff to and from research sites.

Winning teams receive cash prizes of \$5,000. A record number of teams are expected to participate in the SAE 2012 Snowmobile Challenge set for March 5-10, 2012 at Michigan Technological University. For more information and videos check out this link: <http://students.sae.org/competitions/snowmobile/about.htm>

February - March Sustainability Events

Here are some fun, educational sustainability events for adults and the family. To view all events available [visit our website](#).

- **Wed, Feb 15,22,29: [Tracy Aviary](#) – Giving Back Wednesdays: Enjoy Free Admission.** 589 E 1300 S, SLC. 9 am – 5 pm.
- **Sat, Feb 18: [Cottonwood Canyons Foundation](#) – Snowshoe with a Naturalist.** Call to register 801.466.6418. FREE. East Upper Albion Parking Lot, Alta. 10 am – 11:30 am.
- **Sat, Feb 18: [Utah Clean Energy](#) – Red Party.** Metro Bar, 540 W 200 S, SLC. 7pm – 2 am.
- **Sat, Feb 25: [Tracy Aviary](#) – FREE Scout Day:** 589 E 1300 S, SLC. 9 am – 5 pm.
- **Sat, Feb 25: [USEE](#) – Project Wild Workshop.** Please register. \$30. Utah's Hogle Zoo (2600 Sunnyside Avenue (840 South), SLC.
- **Tue, Feb 28: [REI](#) – Night Visions.** Clark Planetarium introduces enthusiasts to a dark starry sky. FREE. 3300 S 3300 E. 7 – 8:30 pm.
- **Sat, Mar 3: [Tree Utah](#) – Riverbend Pole Tree Plantings.** FREE. 1040 W 12800 S, Riverton. 10 am – 1 pm.
- **Wed-Thu, Mar 7-8: [Weber State University](#) – 3rd Annual Intermountain Sustainability Summit.** \$50-75. Weber State University, Ogden.
- **Fri, Mar 9: [Cottonwood Canyons Foundation](#) – Full Moon Snowshoe Tour.** Call to register 801.466.6418. FREE. East Upper Albion Parking Lot, Alta. 7 – 8 pm.
- **Fri-Sat, Mar 9-10: [Stegner Center Symposium](#) – Silent Spring at 50: The Legacy of Rachel Carson.** Registration required. \$70-\$150. SJ Quinney College of Law, 332 S 1400 E, SLC.
- **Fri, Mar 16: [Tree Utah](#) – Volunteer Work in the Eco-Garden.** FREE. Permaculture Garden, Day Riverside Library, SLC. 11 am – 1 pm.



"We don't have to choose between our environment and our economy."

- Barack Obama, President of the United States of America