



SNL's B20 and E85 Filling Station



SNL's Fleet Services' Management demonstrating the use of the Segway™ to New Mexico's former Governor Gary Johnson during the Green Zia Environmental Excellence Banquet



SNL's Neighborhood Electric Vehicles



SNL's Compressed Natural Gas Filling Station

Figure 1: Environmentally Preferable Modes of Transportation

Sandia National Laboratories Fleet Services
Sandia National Laboratories Submission, DOE P2 Award Nomination, 2003
Environmentally Preferable Category

FY 2002 RESULTS

Alternative Fuel Usage

FY 2002 alternate fuel usage from October 1, 2001 through September 30, 2002. Note: B-20 and E-85 were not available in the first half of FY2002. Actual usage amounts in FY2002 for these two fuels were prorated by the number of months the fuel was available.

Table 1: FY 2002 Goals

	> expected		Expected		< than expected
E-85, Ethanol	1200 gal.	1000 gal.	750 gal.	600 gal.	300 gal. or less
B-20, Bio-diesel	1200 gal.	1000 gal.	750 gal.	600 gal.	300 gal. or less
CNG	6000 gal.	5000 gal.	4000 gal.	3000 gal.	2000 gal. or less
Electric Vehicles	24,000 mi.	20,000 mi	15,000 mi.	12,000 mi.	6000 mi. or less

Table 2: Actual Usage in FY 2002

E-85, Ethanol, gallons	1598 gal. Fuel available 1 month
B-20, Bio-diesel, gallons	3300 gal. Fuel available 9/11/2002
CNG, gallons	10,265 gal.
Electric Vehicles, miles driven	30,154 miles

SNL's Fleet Services achieved greater than the expected goals for all fuels except CNG. CNG usage met the expected value.

Alternative Fuel Vehicle Replacement Requests

FY 2002 alternate fuel vehicle replacement requests from October 1, 2001 through September 30, 2002. Note: Replacement Requests are based on SNL's requests to GSA, not on what GSA is able to supply.

Table 3: FY2002 Vehicle Replacement Requests

Number of AFV light duty passenger vehicles ordered from GSA	102
Total number of light duty passenger vehicles scheduled for replacement by GSA	109
Percent AFV ordered	94%

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