Higher Education Sustainability Conference
“Turning the Tide”
Data Will Drive You Crazy

Larry Charlton
University California, Riverside
Fleet Services
June 26, 2006
Have You Ever Considered This When Making a Vehicle Purchase?

The Environment
Eleven years ago, we were concerned more about the mission than we were about the impact we were having on the environment.
Vehicles were purchased without consideration to the environment.
In 1994, UCR introduced its first alternative fueled vehicles by purchasing compressed natural gas (CNG) mini vans.
They were soon followed by converting gasoline powered pickup trucks into CNG vehicles.
By the end of 1995 UCR had 22 alternative fueled vehicles which was about 10 percent of the fleet.
Since 1994, UCR has been committed to following the Federal Energy Policy Act (EPAct) of 1992 to provide vehicles that are less dependent on fossil fuels and those that reduce smog levels in the environment.
Today, nearly 60 percent of our fleet are low emission vehicles (LEV)
UCR Alternative Fuel/LEV Vehicle Fleet

- Sedans and NEV 118
- SUVs 12
- Small compact trucks 28
- Mid size trucks/vans 30
- 28 passenger CNG Bus 1
What Do You Look for When Purchasing a Vehicle

- What Does the Customer Want
- What Does the Customer Need
- Cost
- Timeliness for Delivery
- Replacement Cycle
- Resale Value
What they want.

PLEASE PLEASE PLEASE!
What they need
The cost to both the end user and Fleet is always important.

### Fleet Services Pool Rates

<table>
<thead>
<tr>
<th>Vehicle Type</th>
<th>Daily Rate</th>
<th>Monthly Rate</th>
<th>Cost/Mile as of May 2005</th>
</tr>
</thead>
<tbody>
<tr>
<td>Sedans</td>
<td>$16.62</td>
<td>$180.31</td>
<td></td>
</tr>
<tr>
<td>1/2 ton pick-up</td>
<td>$18.22</td>
<td>$208.66</td>
<td></td>
</tr>
<tr>
<td>12 passenger vans</td>
<td>$24.04</td>
<td>$247.39</td>
<td></td>
</tr>
<tr>
<td>Large SUV</td>
<td>$724.06</td>
<td>$247.39</td>
<td></td>
</tr>
<tr>
<td>Heavy duty w/ lift (box/slat/peep)</td>
<td>$33.19</td>
<td>$325.85</td>
<td></td>
</tr>
<tr>
<td>4WD SUVs</td>
<td>$45.68</td>
<td>$389.94</td>
<td></td>
</tr>
<tr>
<td>GEMs</td>
<td>$33.25</td>
<td>$169.25</td>
<td></td>
</tr>
<tr>
<td>Clubcar</td>
<td>$33.25</td>
<td>$459.31</td>
<td></td>
</tr>
</tbody>
</table>

Drivers must present a valid driver’s license at the time the vehicle is picked up. Reservations can be made on-line at www.fleet.uci.edu or by calling ext 2-2277.
Selecting a LEV is a process that takes thought and consideration based on the needs of the customer.
There are numerous sources to get the right information to order vehicles.

- Trade Magazines
- Manufacturer Literature
- Local Sources
Government Sources

- EPAct Literature
- Clean Cities
- State and Local Sources
Higher Education Sustainability Conference
“Turning the Tide”

Data Will Drive You Crazy
Larry Charlton
University California, Riverside
Fleet Services
June 26, 2006