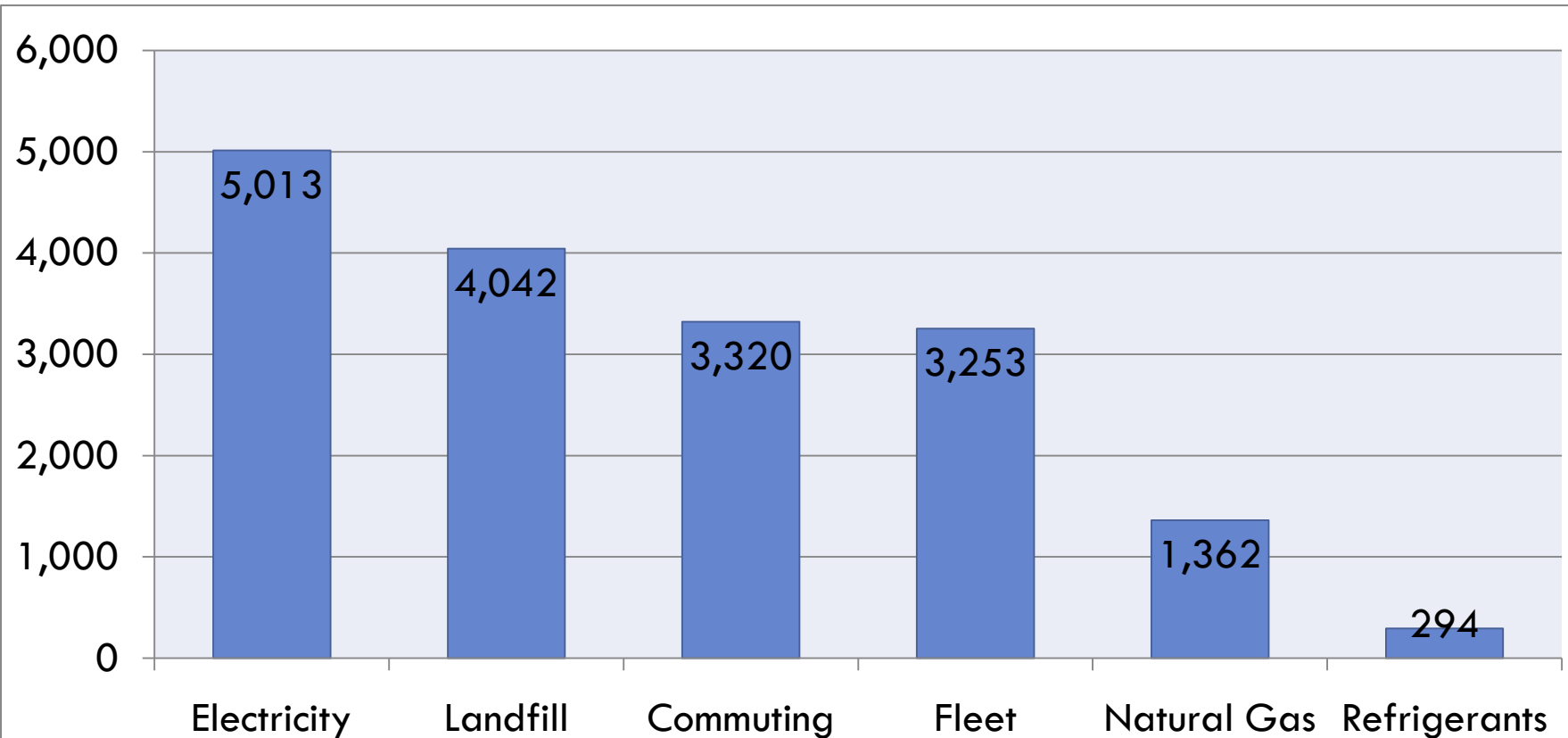


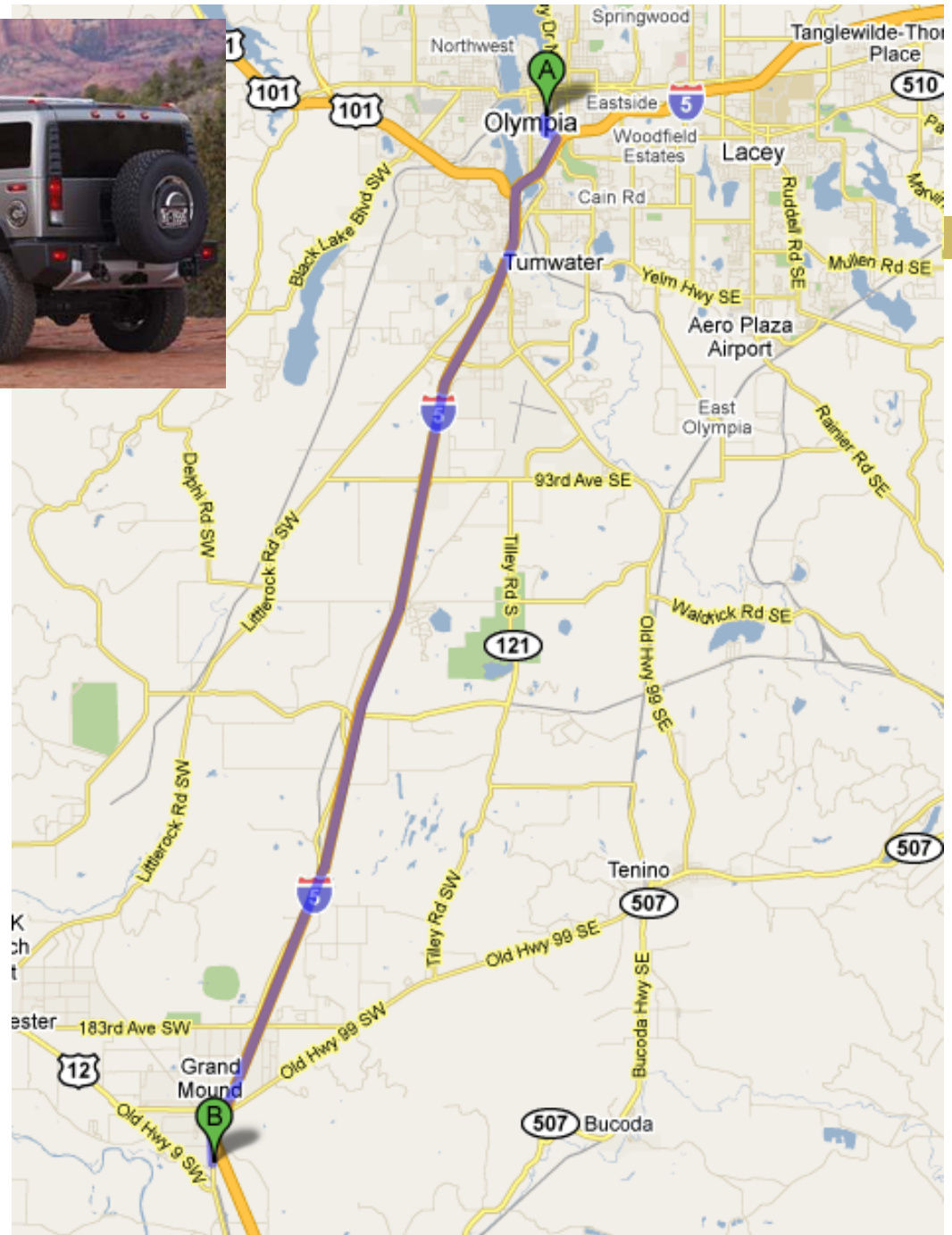


THURSTON COUNTY CLIMATE CHANGE PLANNING

Thurston Co Gov Operations Emissions

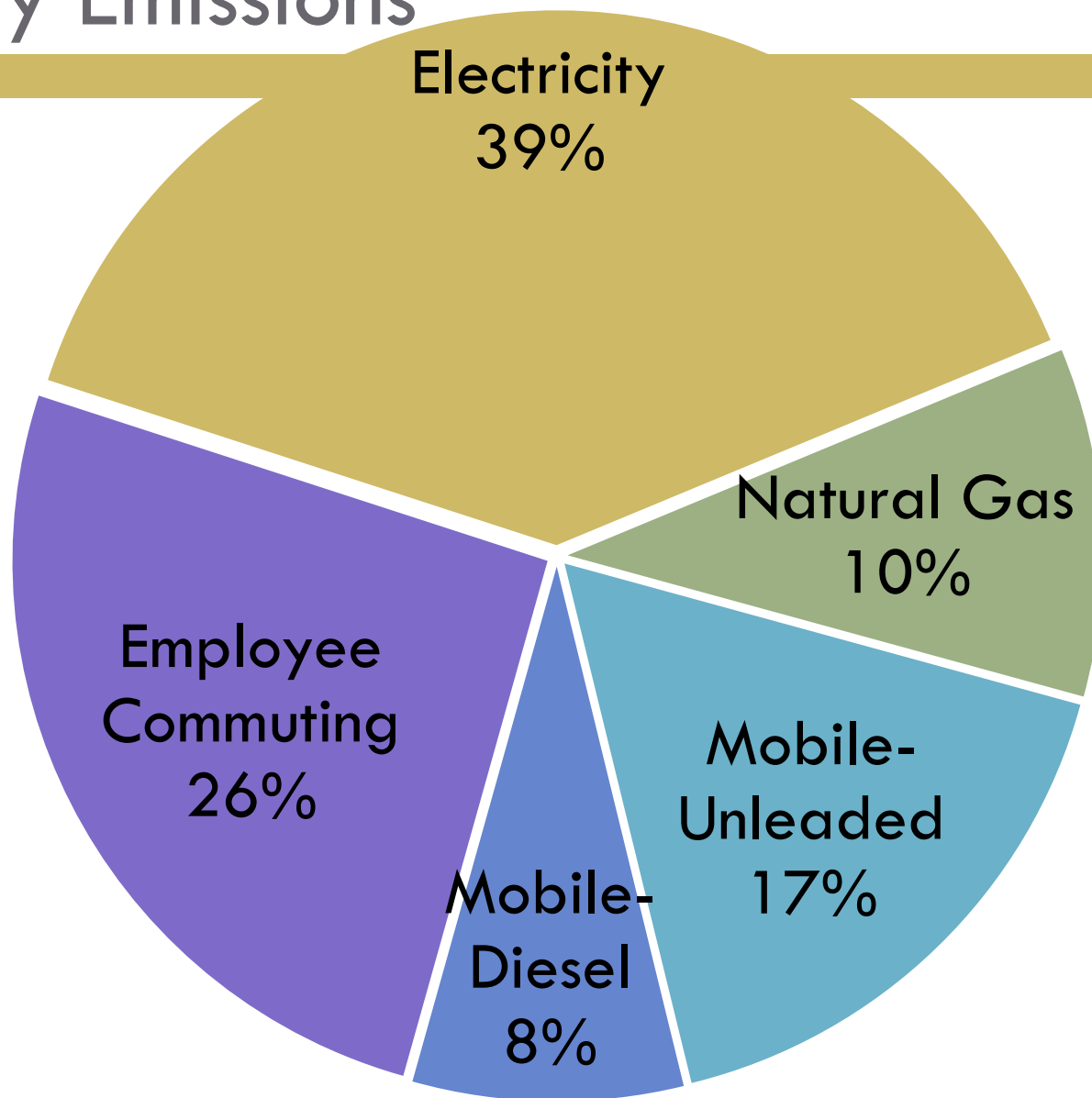
17,284 MTCDE
(38,104,587 lbs)





Put it in
perspective...
17,284 Metric
Tons =
6,351 Hummer
SUV's
Bumper to bumper
– 18.9 miles

Thurston Co Operations – Energy Emissions



Vehicle Gas/Diesel Consumption

537,029 gallons (average car –
26 roundtrips to the moon)

\$766,675

6,568 MTCDE

Vehicle Fuel – Top Ten Sources

Source	MTCDE	Percent of Total
Employee Commuting	3,320	50%
Light Trucks (Unleaded)	1,259	19%
Passenger Cars	912	14%
Dump Trucks	432	7%
Construction (Diesel)	208	3%
Heavy-Duty Trucks	131	2%
Agricultural (Diesel)	111	2%
Light Trucks (Diesel)	89	1%
Misc. (Diesel)	84	1%
A/C (R-134a)	45	1%

Natural Gas Consumption

256,249 therms (747-jet full of
passengers circle Earth at Equator 1.5 times)

\$302,066

1,362 MTCDE

Natural Gas – Top Ten Sources

Source	therms	Percent of Total
Courthouse Complex	111,023	43%
Juvenile Detention	94,675	37%
Evaluation Center	12,757	5%
Building 6	6,686	3%
McClane Firehouse	5,301	2%
Building 4	5,266	2%
Fairgrounds	4,659	2%
Storage - 3400 Building	3,833	1%
Coroner's Office	3,310	1%
Elections Shop	2,276	1%

Electricity Consumption

12,182,403 kWh (1,103
average homes for a year)

\$1,059,821

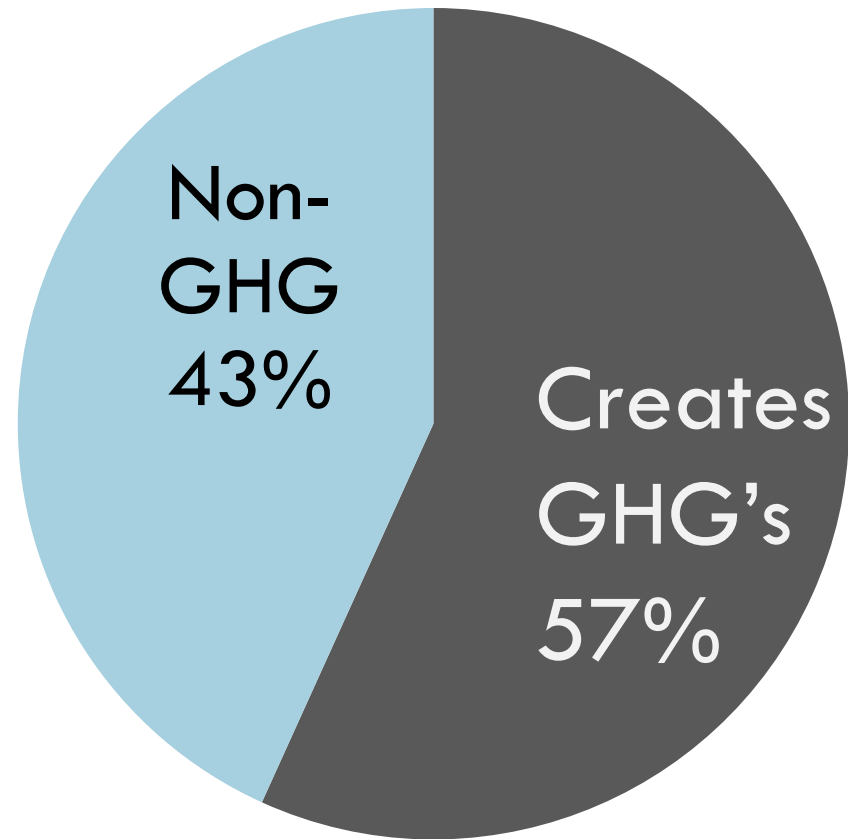
5,013 MTCDE

Electricity – Top Ten Sources

Source	kWh	Percent of Total
Courthouse Complex	4,454,400	37%
Juvenile Detention	1,346,040	11%
Public Lights	942,282	8%
Wastewater Treatment	937,543	8%
Tilley Rd. Facility	793,500	7%
Emergency Services	682,200	6%
Health Department	508,440	4%
Evaluation Center	425,000	3%
Waste and Recovery	400,598	3%
Heritage Building	374,040	3%

Puget Sound Energy 2008 Fuel Mix (Dept of Commerce Report)

Source	% of Total
Hydro	40.63%
Coal	35.56%
Natural Gas	13.30%
Cogeneration	6.84%
Wind	1.57%
Nuclear	1.03%
Waste	0.70%
Biomass	0.18%
Petroleum	0.12%
Landfill Gases	0.04%
Other	0.03%
Geothermal	0.00%
Solar	0.00%



Thurston Co Gov Operations Emissions

17,284 MTCDE
(38,104,587 lbs)

