

Local Government Alternative Fuels & Vehicles Rulemaking

Data Gathering Subcommittee Meeting Notes – November 6, 2014

Peter Moulton, Dave Warren, Allan Jones, Jim Jensen, Fred Chun, Carl Schroeder, Nancy Atwood, Geri Beardsley, Brandi Vena, Alan Kies, Ron Stuart, Cindy Steigerwald

Data sets for the different categories of local government were reviewed. Data for transit and schools was quite comprehensive; the others had a much smaller sample size. Reporting thresholds of 50,000 and 100,000 gallons/year of gas and diesel were examined to see if they might be applicable. The former would match the reporting threshold for agencies, while the latter would be far more manageable. An alternate approach would be to look at percentage of overall fuel consumption, e.g. aggregate data from all forms of local government, and see which entities would account for X% of total fuel use. This approach would require far more complete data sets, or enough samples to reasonably estimate fuel consumption based on a correlation with population.

Cities

- There looks to be a great amount of variability in municipal fuel consumption patterns due to scope of services, i.e. did they include municipal utility or fire department use? Correlating use to population might not be that accurate.
- Polling non-respondents with population over 20,000 (38 cities) would provide better data.
- A threshold of 100,000 gallons would likely identify about 25 jurisdictions for reporting.

Counties

- As with cities, there appears to be significant variability in county fuel consumption patterns due to scope of services, and correlating use to population might not be that accurate.
- Polling non-respondents with population over 20,000 (17 counties) would provide better data.
- A threshold of 100,000 gallons would likely identify about 20 of 39 jurisdictions for reporting.

Fire

- Need to determine if larger municipal fire department use is already included in city data (e.g. Seattle, Tacoma, Bellevue).
- Data from other non-respondents with population over 100,000 (four RFAs and FPDs) is needed.
- A threshold of 100,000 gallons would likely identify 2-4 of 60-65 jurisdictions.

Ports

- Only the largest ports are likely to exceed the 100,000 gallon threshold. The Port Association would be able to identify which non-respondents might be large enough to bother polling.
- A threshold of 100,000 gallons would likely identify 2 to 4 of 75 jurisdictions.

PUDs

- Only the largest PUDs are likely to exceed the 100,000 gallon threshold. The PUD Association would be able to identify which non-respondents might be large enough to bother polling.
- A threshold of 100,000 gallons would likely identify 2-4 of 29 jurisdictions.

Schools

- A threshold of 100,000 gallons would likely identify 41 of 285 jurisdictions.

Transit

- A threshold of 100,000 gallons would likely identify 21 of 30 jurisdictions.

Parks and Recreation

- No data has been received from any Parks and Recreation jurisdictions. It seems probable that only a few would be large enough to cross over a 100,000 gallon reporting threshold.