Appendix D

Energy Modeling Results

City of Berkeley HE Operational Energy

Populate one of the following tables (Leave the other blank):

Annual VMT		OR	Daily Vehicle Trips	
Annual VMT:	236,867,442		Daily Vehicle Trips:	
			Average Trip Distance:	

Fleet Class	Fleet Mix	Fuel Economy (MPG) [1]	
Light Duty Auto (LDA)	0.555274	Passenger Vehicles	24.1
Light Duty Truck 1 (LDT1)	0.059572	Light-Med Duty Trucks	17.6
Light Duty Truck 2 (LDT2)	0.187289	Heavy Trucks/Other	7.5
Medium Duty Vehicle (MDV)	0.120548	Motorcycles	44
Light Heavy Duty 1 (LHD1)	0.022031		
Light Heavy Duty 2 (LHD2)	0.005855		
Medium Heavy Duty (MHD)	0.011319		
Heavy Heavy Duty (HHD)	0.007376		
Other Bus (OBUS)	0.000945		
Urban Bus (UBUS)	0.000497		
Motorcycle (MCY)	0.025792		
School Bus (SBUS)	0.000881		
Motorhome (MH)	0.002622		

Fleet Mix

Vehicle Type	Percent	Fuel Type	Annual VMT: VMT	Vehicle Trips: VMT	Fuel Consumption (Gallons)
Passenger Vehicles	55.53%	Gasoline	131,526,332	0.00	5,457,524
Light-Medium Duty Trucks	36.74%	Gasoline	87,027,230	0.00	4,944,729
Heavy Trucks/Other	5.15%	Diesel	12,204,832	0.00	1,627,311
Motorcycle	2.58%	Gasoline	6,109,285	0.00	138,847

Total Gasoline Consumption (gallons)	10,541,101
Total Diesel Consumption (gallons)	1,627,311

Sources:

[1] United States Department of Transportation, Bureau of Transportation Statistics. 2021. National Transportation Statistics. Available at: https://www.bts.gov/topics/national-transportation-statistics.