



Public Hearing to Consider Purchase of Transit Buses that are Heavier than Currently Allowable Under Statute

California Statutory Axle Weight Limit

- Established in 1976 – 20,500 Pounds
- Regulatory Mandates Increased Weight
 - Safety features
 - Equipment to better serve individuals with disabilities
 - Alternative fueling equipment

Assembly Bill 1706

- Promulgation of regulations to consider vehicle weight
- Exempts buses procured before January 1, 2013
- Authorized procurement of buses following public hearing and making a finding of need
- Expires January 1, 2015
- Stakeholders agreed to conduct a study of bus axle weight causes and impacts

Proposed Bus Purchase

- Expand current 60-foot articulated CNG fleet from 20 to 36
- New 40-foot CNG fleet class
 - ISL G engine
 - Electric cooling package
 - Stainless steel frame
 - Rear door monitor
 - Telematics remote bus security control system

Gross Rear Axle Weight of Buses

<i>Current Fleet Classes</i>	<i>Rear Axle - Unladen Weight (Pounds)</i>	<i>Rear Axle - Gross Weight (Pounds)</i>
40-foot Diesel Buses*	18,440	24,700
60-foot Diesel Buses*	20,700	24,700
40-foot Liquefied Natural Gas Buses*	22,160	26,000
40-foot New Flyer Compressed Natural Gas Buses	21,700	27,760
60-foot Compressed Natural Gas Buses	21,160	28,660

<i>Fleet Classes Proposed to be Purchased</i>	<i>Rear Axle - Unladen Weight (Pounds)</i>	<i>Rear Axle - Gross Weight (Pounds)</i>
40-foot Compressed Natural Gas Buses (New Fleet Class)	21,700	27,760
60-foot Compressed Natural Gas Buses (Fleet Expansion)	21,160	28,660

* - Fleet class to be replaced

Unladen – No passengers

Gross – With maximum number of passengers

Need for Proposed Buses

- Operation of 77 routes requires 556 buses
- LNG and diesel buses exceeding minimum federal useful life
- LNG underground tanks need to be removed in 2018
- Diesel buses need to be replaced to ensure continued compliance with air quality standards

Recommendations

- Receive, consider, and place into record public comments
- Adopt Resolution No. 2014-003