



Foothill Transit
Going Good Places

ELECTRIC BUS

PROGRAM HISTORY AND LESSONS LEARNED





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ABOUT FOOTHILL TRANSIT



- 354 CNG buses, 30 electric buses
- 327 square. mile service area, 1.5 million service area population
- 14 million boarding's per year



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ELECTRIC BUS

MILESTONES

First 3 buses and fast charge station

2010

12 more fast charge buses deployed

2014

First fleet to run one million all-electric miles

2016

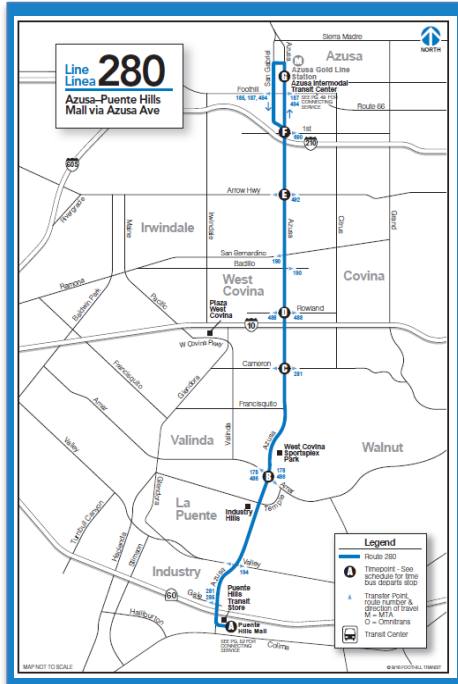
14 extended range buses and charging facilities

2017



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NEWEST VEHICLES



- 14 EXTENDED RANGE electric buses
- Line 280: Azusa – Covina – West Covina – La Puente – Industry – Puente Hills Mall
- 190 mile expected range
- Overnight charging at Arcadia Maintenance and Operations Facility
- On-route charging available at Azusa Intermodal Transit Center
- Buses delivered in Dec 2017



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LESSONS LEARNED

AT Foothill TRANSIT



Preventative costs are lower



High fleet reliability



Examine Power Costs Carefully



Electric Power Infrastructure is Complicated



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NEXT

ELECTRIC DOUBLE DECK COACHES



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RECOMMENDATIONS

Start Small

Expect the
unexpected

Electric power
infrastructure is
the key to success





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WE'RE GOING ALL ELECTRIC

BY 2030



LET'S CLEAR THE AIR

Foothill Transit has led the charge in sustainable transportation for years. It's why we were the **FIRST IN THE COUNTRY** to put fast-charge electric buses on the roads. It's why we consistently monitor and measure the environmental impact of everything we do. And it's why we're committed to operating a **100% ELECTRIC BUS FLEET BY 2030**. Because we believe in guilt-free trips. In exploring the earth - not exploiting it. And that with your help, we can make **SAVING OUR PLANET** as simple as going for a ride.





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THANK YOU

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