



The Durham Engineers Club Cordially Invites You
to our Tuesday, August 31, 2021 Field Trip

GoDurham's Electric Bus Charging Station

led by

Pierre Osei-Owusu



Register Now!

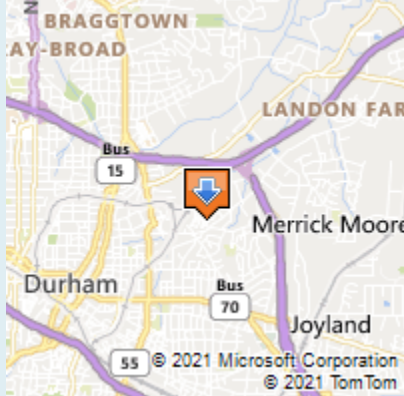
Meeting time is at 12 noon

When

Tuesday, August 31, 2021 from
12:00 PM to 1:00 PM EDT
[Add to Calendar](#)

Where

1905 Fay Street in Durham, NC



[Driving Directions](#)

Dear Fellow Professional :

Please consider this invitation to attend our field trip on Tuesday, August 31st, from noon to 1:00 pm.

Our tour is of GoDurham's Electric Bus charging Station. GoDurham recently put in service two new environmentally friendly 100% electric buses, which the agency was able to buy thanks to a federal grant and matching funds provided by Durham taxpayer. The Federal Transit Administration's Low-No Program pays for at least 80% of the cost of the buses and charging stations. Electric buses cost approximately \$450,000 more than a diesel bus when charging and other needed equipment are included, but much of the upfront cost is expected to be recovered over the lifespan of an electric bus from fuel and maintenance savings. The two electric buses join a fleet of 57 GoDurham buses, which carried an average 20,000 passengers a day on 20 routes before the COVID-19 pandemic struck. The electric buses are expected to have a driving range of 150 miles per charge, based on a conservative 2.3 kWh a mile off a six-pack battery with a total of 444 kWh of energy storage.

The FTA's Low-No Program supports the transition of the nation's transit fleet to the lowest polluting and most energy efficient transit vehicles. The Low-No Program provides funding to state and local governmental authorities so they can buy or lease zero-emission and low-emission transit buses.

Upcoming Meetings:

***September 16th
meeting - Peter
Morcombe - SMRs
(Small Modular
Reactors)***

***Scholarship golf event -
October 21st
at Umstead Pines***

***October 21st meeting -
Gary Thompson -
NC/VA borders***

***November 18th meeting
- Michael Slack -
Cybersecurity update***

There is no cost for this field trip.

1 PDH will be provided; a terrific bargain! Please join us for this great tour by clicking on the "Register Now" link below, if you cannot attend please let us know as well, and feel free to forward this invitation to as many others as you would like using the button below.

[Register Now!](#)

[Forward to a Friend!](#)

[I can't make it](#)

If you do not wish to continue to receive event invitations from the Durham Engineers Club please unsubscribe using the link at the bottom. The Durham Engineers Club has one meeting per month.

We look forward to seeing you at the meeting!

Sincerely,

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