



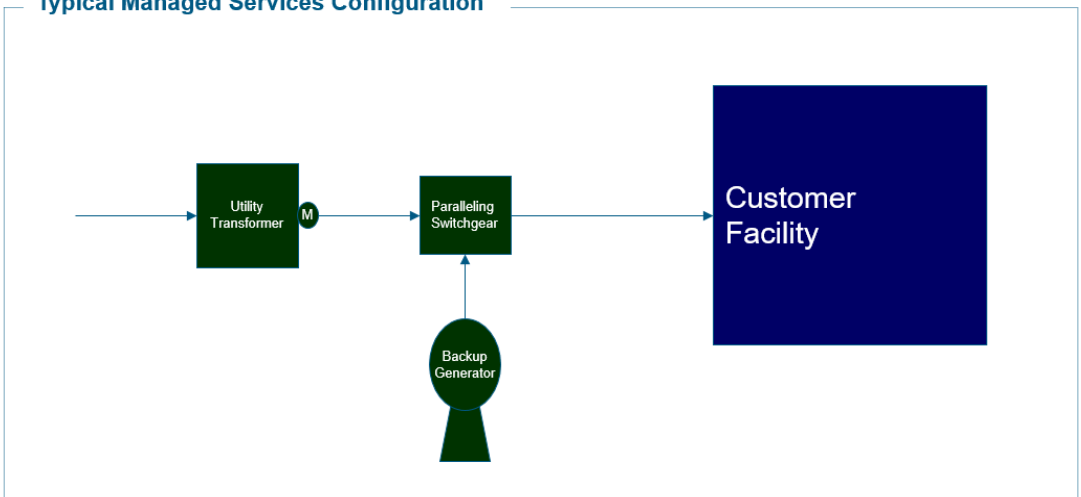
The Durham Engineers Club Cordially Invites You
to our Thursday, October 17, 2019 Meeting

Considerations in Backup Generation Systems: Regulated vs. Unregulated

featuring

John Williams, PE, of Duke Energy

Typical Managed Services Configuration



[Register Now!](#)

You can now pre-pay with a credit card or PayPal account as you register!

Meeting time is at 6:00 pm.

When

Thursday, October 17, 2019 from
6:00 PM to 8:30 PM EDT

[Add to Calendar](#)

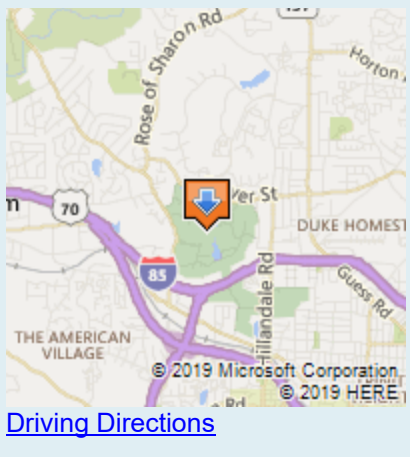
Where

Croasdaile Country Club
3800 Farm Gate Avenue
Durham, NC 27705

Dear Fellow Professional :

Please consider this special invitation to attend our regular monthly meeting on Thursday, October 17, 2019 from 6:00 to 8:30 PM.

Among other things, Duke Energy Services designs, builds, owns, and operates backup generation systems on their customers' properties. As a part of Duke Energy, Energy Services can connect these generation systems on the Duke Energy side of the meter (regulated project) or on the customer



side of the meter (unregulated project).

This presentation will briefly introduce Energy Services, explain the difference between regulated and unregulated projects, and walk through several iterations of design for a backup generation system that demonstrates the regulated vs. unregulated projects that Energy Services provides.

John Williamson is a Project Manager for Duke Energy Services, and is a licensed Professional Engineer in North Carolina. John earned his BA in Communication in 1998 from NC State, an AAS degree in Automation Engineering Technology in 2004 from Wake Tech, and an MS in Electric Power Systems Engineering from NC State in 2012.

Upcoming Meetings:

November 21 - Hyperloop One System for NC by France Campbell

Since earning his Master's degree, John has worked as an electrical engineer designing MV switchgear for PowerSecure, as a project/lead engineer designing HV substation to connect solar farms to utility transmission systems for Dashiell Corporation, and as a project manager for Duke Energy Services.

John has been married to his wife, Angela, for 14 years. They have a twelve year old son, Mak, and two dogs. Some of John's interests include fishing, reading, and homebrewing.

Please click on the link below to register; the cost to attend is \$25 for members and \$35 for non-members. You can now pre-pay as you register with a credit card or PayPal account, mail a check, or pay at the door with cash or check. We cannot accept credit cards at the event.

The price includes a buffet dinner at the Croasdale Country Club. Social hour is from 6:00 to 6:30 pm and there is a cash bar. Dinner is from 6:30 to about 7:00 and the seminar will begin about 7:00.

One (1.0) PDH will be provided; a terrific bargain! Please join us for this great presentation 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,

Jennifer Buzun, PE
Durham Engineers Club
jbuzun@nc.rr.com
919-560-4326*30292