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‑­Silvano Luis M. Pereira­ (­menezesluis340@gmail.com­)­ - 9:00 AM­

Q: ­Good morning to all of you....­

Priority: ­N/A­‑

‑­Arin Nichols (internal)­­­­ - 11:27 AM­

A: ­Good morning Silvano. ­‑

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‑­Moiz­ (­siddiqi@metsci.com­)­ - 11:28 AM­

Q: ­Hi, can OpenDSS be installed on a Linux OS? Or is it only supported on Windows? ­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 11:29 AM­

A: ­The official versions of OpenDSS are for Windows. Davis will talk about them today. ­‑

‑­Roger Dugan (internal)­­­­ - 11:38 AM­

A: ­Several users have implemented Linux versions. EPRI uses Linux versions on its HPCs, but does not distribute those versions. A couple of the US National Labs have Linux versions. Ask on the discussion forum and you may be able to get a connection. Just keep in mind EPRI does not officially support this version.­‑

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‑­yashar.kenarangui­ (­yashar.e.kenarangui@xcelenergy.com­)­ - 11:37 AM­

Q: ­Hi Arin. Where can we find the slides from yesterday. Is the recording available now or later? ­

Priority: ­N/A­‑

‑­Arin Nichols (internal)­­­­ - 11:40 AM­

A: ­Hello Yashar, good to see that you were able to make these sessions. The recording and slides will be made available following the completion of Thursday's session. I will make sure to send you a link that you can access. ­‑

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‑­Moiz­ (­siddiqi@metsci.com­)­ - 11:40 AM­

Q: ­Okay, thank you!­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 11:40 AM­

A: ­You're welcome!­‑

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‑­yashar.kenarangui­ (­yashar.e.kenarangui@xcelenergy.com­)­ - 11:43 AM­

Q: ­Thanks much Arin!­

Priority: ­N/A­‑

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‑­Alaa Selim­ (­alaa.selim@uconn.edu­)­ - 11:45 AM­

Q: ­for com interface, with pyhton ,there are tow api used opendss direct and pydss interface, which one you recommend as it seems there are differences between two versions­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 11:46 AM­

A: ­Both do not use COM interface. OpenDSSDirect does not use the official OpenDSS version. The py-dss-interface uses OpenDSSdirect.dll file produced in EPRI.­‑

‑­Paulo Radatz (internal)­­­­ - 11:47 AM­

A: ­py-dss-interface has only one goal: to provide the interface to the class/methods of the directDLL.­‑

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‑­Alaa Selim­ (­alaa.selim@uconn.edu­)­ - 11:49 AM­

Q: ­thanks a lot for your clarification, just to elaborate more, to use python in editing your loads, and PVs and reteriveing Opendss results, which is recommended fot that purposes OpenDSSDIRECT, Pydssinterface or comm interface?­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 11:53 AM­

A: ­You can do it using any of them.

1 - py-dss-interface uses the directdll official version of OpenDSS

2 - You can use COM

3 - OpendssDirect does not use all official versions of OpenDSS; therefore, EPRI does not officially support it.­‑

‑­Paulo Radatz (internal)­­­­ - 11:53 AM­

A: ­I will be showing how to use py-dss-interface tomorrow. I will show you how to do what you want to.­‑

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‑­Basnet, Prasant­ (­pb1052@msstate.edu­)­ - 11:55 AM­

Q: ­Where can I find the recording of yesterday's training? As I had classe to attend, I missed some sections.­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 11:56 AM­

A: ­You will find the video recordings at this link: https://www.epri.com/pages/sa/opendss­‑

‑­Paulo Radatz (internal)­­­­ - 11:56 AM­

A: ­I will upload them soon. ­‑

‑­Roger Dugan (internal)­­­­ - 12:28 PM­

A: ­IEEE 390 test case is same as the official IEEE 342 bus case. The OpenDSS implementation has 390 buses.­‑

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‑­Alaa Selim­ (­alaa.selim@uconn.edu­)­ - 11:55 AM­

Q: ­perfect, thanks a lot Paulo­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 11:56 AM­

A: ­You're welcome!­‑

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‑­Basnet, Prasant­ (­pb1052@msstate.edu­)­ - 11:59 AM­

Q: ­As of now there are no videos in this page. I hope there will be soon. Thank you!­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 11:59 AM­

A: ­Yes, we will add when they become available. You might check it again next week.­‑

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‑­Alaa Selim­ (­alaa.selim@uconn.edu­)­ - 12:06 PM­

Q: ­ For switch control, I used to work to control irt before to be controlled through python, but I didn't see an example for the right scripting in pyhtn­

Priority: ­N/A­‑

‑­Andres Ovalle (internal)­­­­ - 12:08 PM­

A: ­Hi Alaa, to operate switches you can use text commands as Celso is showing. You cna use text comands using the OpenDSS syntax though the OpenDSS interfaces.­‑

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‑­Alaa Selim­ (­alaa.selim@uconn.edu­)­ - 12:06 PM­

Q: ­from pydssinteface examples­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 12:08 PM­

A: ­Everything you can do using OpenDSS, you can do through any interface by using the text (method/interface). I will cover this concept tomorrow.

Alaa, don't miss tomorrow's session. ­‑

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‑­Alaa Selim­ (­alaa.selim@uconn.edu­)­ - 12:09 PM­

Q: ­ok , thanks paulo, yes sure I wil attend tomorrow, ­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 12:10 PM­

A: ­Perfect, see you!­‑

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‑­Alaa Selim­ (­alaa.selim@uconn.edu­)­ - 12:36 PM­

Q: ­Thanks for your presentation, a quick question here for Davis for previous section. , is there a direct command can I use in dymanics to define my generator as a gridforming or gridfollowing control mode ?­

Priority: ­N/A­‑

‑­Roger Dugan (internal)­­­­ - 12:41 PM­

A: ­No. I can't promise there ever will be one. It is all in how the model is set up. The dynamic models for these functions are still under development. You can do some of the modeling yourself using the DynamicExp that Davis mentioned.­‑

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‑­Pedro Eisenkraemer­ (­pedrokrameci@gmail.com­)­ - 12:41 PM­

Q: ­What are the main advantages of using OpenDSS-G?­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 12:43 PM­

A: ­Do you mean the advantages over OpenDSS? If yes, it will depend on the application or the problem you want to solve. I will ask to add on top of my answer.­‑

‑­Roger Dugan (internal)­­­­ - 12:49 PM­

A: ­If you find the text or scripting interface difficult, OpenDSS-G give you a point-and-click interface.­‑

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‑­Priyanshu Rouniyar­ (­priyanshurouniyar3@gmail.com­)­ - 12:43 PM­

Q: ­The EV load in the palette doesnot work­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 12:46 PM­

A: ­I will let Davis know. Do you mind sending it to the OpenDSS forum as well? We might need you to explain in detail what you are seeing.­‑

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‑­Alaa Selim­ (­alaa.selim@uconn.edu­)­ - 12:46 PM­

Q: ­Thanks a lot Roger, I just thought this is newer version have this direct control mode, as I see he was able to define a dynamic equation command. I am also still working in dlluser wrtiiten you provided me, it seems a bit challenging, but hopefully I get it working. Thanks again Roger ­

Priority: ­N/A­‑

‑­Roger Dugan (internal)­­­­ - 12:47 PM­

A: ­Yes it is challengin, but don't give up. This will work very well for you once you get it working. It is the way I do it.­‑

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‑­Alaa Selim­ (­alaa.selim@uconn.edu­)­ - 12:48 PM­

Q: ­agree, thanks a lot Roger for your support ­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 12:48 PM­

A: ­You're welcome!­‑

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‑­Bernardo­ (­bdoseverino@gmail.com­)­ - 12:47 PM­

Q: ­Hi, is it possible to call OpenDSS-G and its functions from Matlab (or Python or Julia) by using OpenDSSDirect?­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 12:50 PM­

A: ­You can find example with Python at https://sourceforge.net/p/dssimpc/code/HEAD/tree/trunk/Distribution/Python\_Lib/­‑

‑­Paulo Radatz (internal)­­­­ - 12:50 PM­

A: ­MatLab- https://sourceforge.net/p/dssimpc/code/HEAD/tree/trunk/Distribution/MATLAB\_Lib/­‑

‑­Paulo Radatz (internal)­­­­ - 12:52 PM­

A: ­You will need to use TCP\_IP capabilities of the programming language you want to use. I can't say much about opendssdirect, I have never used it (it does not use the official OpenDSS version). ­‑

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‑­Priyanshu Rouniyar­ (­priyanshurouniyar3@gmail.com­)­ - 12:50 PM­

Q: ­No i mean there is only icon , we cannot define the EV load ­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 12:55 PM­

A: ­So, it might be a feature not available. I will double-check it with Davis.­‑

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‑­Silvano Luis M. Pereira­ (­menezesluis340@gmail.com­)­ - 10:29 AM­

Q: ­Cant heard­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 12:57 PM­

A: ­Thanks­‑

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‑­Benedito Donizeti Bonatto­ (­bonatto@unifei.edu.br­)­ - 12:56 PM­

Q: ­Yes, Davis´s microphone is off!­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 12:57 PM­

A: ­Thanks­‑

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‑­Benedito Donizeti Bonatto­ (­bonatto@unifei.edu.br­)­ - 12:56 PM­

Q: ­Now yes!!!­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 12:57 PM­

A: ­Thanks­‑

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‑­Benedito Donizeti Bonatto­ (­bonatto@unifei.edu.br­)­ - 12:56 PM­

Q: ­Thank you!!­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 12:57 PM­

A: ­Thanks­‑

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‑­Priyanshu Rouniyar­ (­priyanshurouniyar3@gmail.com­)­ - 1:25 PM­

Q: ­How to detect transformer overloading?­

Priority: ­N/A­‑

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‑­Priyanshu Rouniyar­ (­priyanshurouniyar3@gmail.com­)­ - 1:25 PM­

Q: ­can you please explain now in session­

Priority: ­N/A­‑

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‑­Benedito Donizeti Bonatto­ (­bonatto@unifei.edu.br­)­ - 1:27 PM­

Q: ­Excellent!! Good work!!! Thank you very much!!­

Priority: ­N/A­‑

‑­Paulo Radatz (internal)­­­­ - 1:28 PM­

A: ­You're welcome!­‑

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‑­Faria Kamal­ (­fkamal@uncc.edu­)­ - 1:26 PM­

Q: ­Where can I find the resources regarding interface of OpenDSS with MATLAB?­

Priority: ­N/A­‑

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‑­Dol Raj Kunwar­ (­dkunwar@clemson.edu­)­ - 1:28 PM­

Q: ­Thank you­

Priority: ­N/A­‑

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‑­Priyanshu Rouniyar­ (­priyanshurouniyar3@gmail.com­)­ - 1:28 PM­

Q: ­Daviss­

Priority: ­N/A­‑

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‑­Priyanshu Rouniyar­ (­priyanshurouniyar3@gmail.com­)­ - 1:28 PM­

Q: ­CAN you please explain here­

Priority: ­N/A­‑

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‑­Priyanshu Rouniyar­ (­priyanshurouniyar3@gmail.com­)­ - 1:29 PM­

Q: ­regarding How to check transformer overloading?­

Priority: ­N/A­‑