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**AGENDA – Richland, WA 2015**

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| **Friday July 24, 2015** |
| 1:30-5:30pm | **For those who signed up for optional tour of the 1GW Columbia Nuclear Generating Station Bus leaves hotel at 1:30.**  |
| 7:00-8:30pm  | **Hospitality Welcome for Participants arriving August 22, 2014***Courtyard by Marriott, Richland Columbia Point**480 Columbia Point Drive | Richland, WA  99352*  | (509) 942-9400  |
| 9-10:30pm | **Hospitality Suite Open Room 215 at Hotel** |
| **Saturday July 25, 2015*****All Classroom Sessions Environmental Molecular Sciences Laboratory Auditorium.******3335 Innovation Blvd, Richland, WA 99354*** |
| 7:00-8:45am  | **Breakfast At Hotel (voucher in your check-in packet) (you will need your security badge before leaving hotel—Badge pick up in the lobby)***Courtyard by Marriott, Richland 480 Columbia Point Drive, Richland, WA  99352* |
| 9:00am  | **Bus for Pacific Northwest National Lab.**  |
| 9:30am  | **Welcome** (Official Course start) Self knowledge Assessment Jeff Morris/Yvonne Sertich |
| 9:45-12:15pm | **Electric Power Generation, Transmission & Distribution**  |
| 12:15-1:00pm  | Lunch discussion on morning session EMSL 1077/75 |
| 1:05-5:00pm | **Electric Power Generation, Transmission & Distribution**  |
| 5:00pm-7:00pmDinner | **Rate of Return 101**  |
| 7:00 | Bus Departs for Hotel |
| 8:00-10:00pm | **Hospitality Suite Open *Room 215 at Hotel*** |
| **Sunday July 26, 2015*****All Classroom Sessions Environmental Molecular Sciences Laboratory Auditorium.******3335 Innovation Blvd, Richland, WA 99354*** |
| 7:45am  | Bus leaves for PNNL |
| 8:00-8:30am | Breakfast at PNNL EMSL 1077/75 |
| 8:30-10:30am | **Natural Gas Production, Transmission & Delivery**  |
| 10:35-11:25 | **Integrating Renewables**  |
| 11:30-12:20pm |  |
| 12:20-1:20 p.m. lunch  | **PNNL’s Energy Infrastructure Operations Center** EMSL 1077/75Short Presentation by Dr. Jud Virden Associate Laboratory Director for Energy & Environment, PNNL (Class split into two groups to tour center) |
| 1:30 -3:55pm | **Petroleum 101**  |
| 4:00-4:15pm  | **Biomass**  |
| 4:15-7:30 pmDinner/Test Drive start @ 5:30pm Bus leaves 7:30 | **Alternative Fuels for Transportation****Policies that work to support natural gas vehicles** **State of Electric Vehicles in North America** Student Drive about and Dinner!Bi-Fuel Propane Yukon XL, Bi-Fuel Propane Police Car, Possible SD 114 CNG Roll-off truck, 2012- Bi-Fuel Propane Chevy Avalanche, 2013 Bi-Fuel CNG Chevy Silverado 4x4, Honda Civic dedicated CNG 3 electric Vehicles  |
| 9:00-10:30pm | **Hospitality Suite Open *Room 215 at Hotel*** |
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| **Monday, July 27, 2015*****All Classroom Sessions Environmental Molecular Sciences Laboratory Auditorium.******3335 Innovation Blvd, Richland, WA 99354*** |
| 7:35am | **Bus Leaves for PNNL** |
| 8:00-8:30am | **Breakfast** EMSL 1077/75 |
| 8:30-9:25am | **Financing Energy Projects**  |
| 9:35-10:30am | **Independent Power Producers, Our Story** Invenergy invited  |
| 10:40-11:35 pm | **Canadian Natural Gas** |
| 11:35-11:55 | **Class Morning Session Discussion** |
| 12:00-12:55 pm  | **Lunch** EMSL 1077/75 |
| 1:00-2:00  | **Canada’s Energy Situation**  |
| 2:10-3:05 | **Aligning Utility Regulation with State Energy Policy** |
| 3:15-5:15 pm | **Integrated Resource Planning Game** EMSL 1077/75 |
| 5:30pm | Bus departs for Dinner |
| 6:15-8:00pmSocial and Dinner | **Senior Energy Executive Round Table** **Challenges of Running an Energy Company Today****Location**The Reach Museum --Opened July 5, 2014 "Our primary mission will be one of storyteller... Looking through the lens of the Hanford Reach National Monument and the Columbia River." |
| 8:30-10:00pm | **Hospitality Suite Open *Room 215 at Hotel*** |

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| **Tuesday, July 28 2015*****All Classroom Sessions Environmental Molecular Sciences Laboratory Auditorium.******3335 Innovation Blvd, Richland, WA 99354*** |
| 7:35am | Bus Departs Hotel for PNNL |
| 8:00-8:30 | BreakfastEMSL 1077/75 |
| 8:30-9:20 | **Tools for Legislators in LEHI** |
| 9:25-10:20am | **Smart Grid** |
| 10:25-11:50am | **Utility 2.0 What will the Utility of the Future look like Part 1.**  |
| 12:00-1:00pm | Lunch **Preview of DC Class Session Wrap up & Lunch** EMSL 1077/75 |
| 1PM | **Bus back to Hotel** |
| 1:30-3:00pm | **Airport or Optional site visit to Nine Canyon Wind Farm** |