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**AGENDA – RICHLAND, WA**

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| **Friday, August 22, 2014** | |
| 1:30-5:30pm | **Energy Northwest Columbia Generating Station Nuclear Plant Tour**  76 North Power Plant Loop / Richland, WA 99354  *509.372.5000*  **(Bus will depart from the hotel to take you to and from the tour)** |
| 7:00-8:30pm | **Hospitality Welcome**  Courtyard by Marriott, Richland Columbia Point  480 Columbia Point Drive / Richland, WA 99352 / 509.942.9400 / 509.942.9401 |
| 9:00-10:30pm | **Hospitality Suite Open, Room 215** |
| **Saturday, August 23, 2014**  ***All Classroom Sessions are in the Environmental Molecular Sciences Laboratory Auditorium***  ***3335 Innovation Blvd, Richland, WA 99354*** | |
| 7:00-8:45am | **Breakfast (voucher in your check-in packet)**  Courtyard by Marriott, Richland Columbia Point  480 Columbia Point Drive / Richland, WA 99352 |
| 9:00am | **Bus Leaves for Pacific Northwest National Laboratory (you will need your security badge before we leave the hotel—Badge pick up in the lobby)** |
| 9:30am | **Welcome** (Official Course Start)  *Self-knowledge Assessment* |
| 9:45am-12:15pm | **Electric Power Generation, Transmission, and Distribution** |
| 12:15-1:15pm | **Lunch discussion on morning session** |
| 1:30-5:00pm | **Electric Power Generation, Transmission, and Distribution** |
| 5:00-6:30pm  (Dinner) | **Battery Storage Field Test Unit—Tour and Dinner, EMSL** |
| 6:30pm | **Bus departs for hotel** |
| 8:00-10:00pm | Hospitality Suite Open, Room 215 |
| **Sunday, August 24, 2014**  ***All Classroom Sessions are in the Environmental Molecular Sciences Laboratory Auditorium***  ***3335 Innovation Blvd, Richland, WA 99354*** | |
| 7:45am | **Bus departs for PNNL** |
| 8:00-8:30am | **Breakfast at PNNL** |
| 8:30-10:00am | **US Energy Situation** |
| 10:15-11:15am | **Natural Gas Production, Transmission, and Delivery** |
| 11:20am-12:05pm | **Policy Opportunities with EPA’s 111d Rule** |
| 12:10-1:20pm  (Lunch) | **PNNL’s Energy Infrastructure Operations Center**  (Class will split into two groups to tour the center) |
| 1:30-2:30pm | **Natural Gas Productions, Transmission, and Delivery** |
| 2:45-3:55pm | **Petroleum 101** |
| 4:00-4:15pm | **Biomass for Transportation** |
| 4:15-7:30pm  Dinner and Test Drive start at 5:30pm | **Alternative Fuels for Transportation**  Policies That Work to Support Natural Gas Vehicles  State of Electric Vehicles in North America  Student drive about and Dinner!  3 electric vehicles, 2 propane vehicles, 2 CNG vehicles, 1 LNG truck |
| 7:30pm | **Bus departs for hotel** |
| 9:00-10:30pm | **Hospitality Suite Open, Room 215** |
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| **Monday, August 25, 2014**  ***All Classroom Sessions are in the Environmental Molecular Sciences Laboratory Auditorium***  ***3335 Innovation Blvd, Richland, WA 99354*** | |
| 7:35am | **Bus departs for PNNL** |
| 8:00-8:55am | **Global Energy Picture**  *Mark Finley, BP* |
| 9:00-10:00am | **Financing Energy Projects**  *Brandon Lohse, Puget Sound Energy* |
| 10:05-11:05am | **Independent Power Producers, Our Story**  *Robert Kahn, Northwest Intermountain Power Producers* |
| 11:10am-12:10pm | **Aligning Utility Regulation with State Energy Policy**  *Ken Johnson, Puget Sound Energy* |
| 12:15-1:15pm  (Lunch) | **What is Energy Efficiency?**  *Andrew Pape-Salmon, RDH Company* |
| 1:30-2:30pm | **Canada’s Energy Situation**  *Andrew Leach, Alberta School of Business, University of Alberta* |
| 2:40-3:40pm | **New Markets for Canadian Natural Gas**  *Gary Weilinger, Spectra* |
| 3:50-5:30pm | **Integrated Resource Planning Game**  *Jason Thackston, Avista* |
| 5:35pm | **Bus departs for dinner** |
| 6:15-8:00pm  (Social and Dinner) | **Senior Energy Executive Round Table:**  **Challenges of Running an Energy Company Today**  Mark Reddemann, Energy Northwest  Jason Thackston, Avista  Gary Weilinger, Spectra  Russ Weed, UniEnergy Technologies, LLC  **Location**  *The Reach Museum – Opened July 5, 2014*  1943 Columbia Park Trail / Richland WA 99352  *“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** |
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| **Tuesday, August 26, 2014**  ***All Classroom Sessions are in the Environmental Molecular Sciences Laboratory Auditorium***  ***3335 Innovation Blvd, Richland, WA 99354*** | |
| 7:35am | **Bus departs for PNNL** |
| 8:00-9:00am (Breakfast) | **Rate of Return 101**  *Phil Jones, Washington State Utility Commissioner* |
| 9:10-10:20am | **Integrating Renewables**  *Aaron Bloom, National Renewable Energy Laboratory* |
| 10:25-11:50am | **Smart Grid**  *Rob Pratt, PNNL* |
| 12:00-1:00pm  (Lunch) | **Preview of DC Class Session and Wrap-up** |
| 1:00pm | **Bus departs for hotel** |
| 1:30-3:00pm | **Airport or Optional site visit to Nine Canyon Wind Farm** |