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| Day / Date |  | Schedule | **Presenters** | Location |
| **Sunday**  **Aug 12** | **Travel Day** | | | |
| **Monday**  **Aug 13** | **8:30am -9:00am** | **Continental Breakfast** |  |  |
| **9:00 am – 9:15 am** | **Greeting and Introductions** | AIREI Team  nrel | NREL |
| **9:15 am – 9:30 am** | **Institute Overview:**  Goals, Objectives and Desired Outcomes of the AIREI Project and the Energy Institute | Al Kuslikis Cara Thunder |  |
| **9:30am – 10:30 am** | **Introduction to NREL**  Overview of NREL Programs and Resources | Roger Taylor  Linda Lung |  |
| **10:30 am – 10:45am** | ***Break*** | | |
| **10:45 pm – 11:45 pm** | **AIREI Project 1 :**  Progress report/ general discussion | AIREI Investigators |  |
| **12:00 pm – 1:00 pm** | **Lunch and Group Photo** | | |
| **1:00 pm – 2:00 pm** | **AIREI Project 2 :**  Progress report/ general discussion | AIREI Investigators |  |
|  | **Break** | | |
| **2:15 pm – 3:15 pm** | **AIREI Project 3 :**  Progress report/ general discussion | AIREI Investigators |  |
| **3:15pm – 4:30pm** | **Lessons Learned: So Far**  General discussion reviewing AIREI implementation | All Participants |  |
| **4:30 pm** | **Wrap –up Day 1** | Al Kuslikis |  |
| **Tuesday**  **Aug 14** | **8:30am -9:00am** | **Continental Breakfast** |  |  |
| **9:00 am – 9:15 pm** | **Overview of Day 2: Energy Science and Technology**  **Challenges and Opportunities** | Al Kuslikis |  |
| **9:15 am – 10:15am** | **Introduction to Energy Science**  The Basic Energy Sciences  Combustion Science | TBD |  |
| **10:15am – 10:30am** | **Break** | | |
| **10:30 am – 12:00 pm** | **Topics in Energy Science Continued**  Solar Electricity and photovoltaics  Biofuels  Carbon Sequestration | TBD |  |
| **11:30 am – 1:00 pm** | **Lunch** | | |
| **1:00 pm – 3:00 pm** | **Project Team Breakouts**  Teams continue discussing their projects | AIREI Teams |  |
| **3:00 pm – 5:00 pm** | **Tour of NREL** |  | NREL |
| **Wednesday Aug 15** | **8:30 am -9:00 am** | **Continental Breakfast** |  |  |
| **9:00 am – 9:15 am** | **Overview of Day 3: Research methods and Design** | Cara Thunder |  |
| **9:15 am – 10:30 am** | **Research Planning and Design Best Practices** | TBD |  |
| **10:30 am – 10:45 pm** | **Break** | | |
| **10:45 am – 12:00 pm** | **Research Methods**  Data collection, management and Analysis | TBD |  |
| **12:00 pm – 1:00 pm** | **Lunch** | | |
| **1:00 pm – 3:00 pm** | **Concepts in Scientific Computing**  Data modeling and visualization | TBD |  |
| **3:00 pm – 3:15 pm** | **break** | | |
| **3:15 pm – 4:45 pm** | **Tribal Participatory Research Best Practices** | Patricia Mariella |  |
| **Thursday**  **Aug 16** | **8:30am -9:00am** | **Continental Breakfast** |  |  |
| **9:00 am – 9:15 am** | **Overview of Day 4: Tribal Energy Development** Challenges and Opportunities | Steve Grey |  |
| **9:15 am – 11:00 am** | **Tribal Energy Development Issues:**  Building the tribal energy infrastructure | Roger Taylor  Steve Manydeeds  TBD |  |
| **11:00 am – 11:30 am** | **Open Discussion: Tribal Energy Development** | Group |  |
| **11:30 am – 1:00 pm** | **Lunch** | | |
| **1:00 pm – 4:00 pm** | **Tribal Energy Innovation and Entrepreneurship** Growing and Sustaining Your Projects | Dan O’neill  Patricia Mariella  Fonda Walters |  |
| **4:00 pm – 4:30 pm** | **Project Team Breakouts**  Teams continue discussing their projects | AIREI Teams |  |
| **Friday**  **Aug 17** | **8:30am -9:00am** | **Continental Breakfast** |  |  |
| **9:00 am – 9:15 am** | **Overview Day 5: Putting it all Together** | Al Kuslikis |  |
| **9:15 am – 10:30 am** | **Project Teams Report Out**  Teams summarize their week’s work and any changes to their project plans | AIREI Investigators |  |
| **10:30 am – 11:30 am** | **General Discussion: AIREI and the Energy Institute**  Topics for the Virtual Institute and  future institutes | ALL PARTICIPANTS |  |
| **11:30 am – 12:00 pm** | **Institute Wrap-up** | Al Kuslikis  Cara Thunder  Steve Grey |  |

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