

**PANEL 1: INSPIRATIONAL FUTURE**

| Kristin Bennett<br>Emily Thorn Corthay |   | Item             | Lead Author, Organization                                    | Title   |
|--|---|------------------|--|---|
| Tues<br>8/13                           | Session 1<br>10:30am-12pm<br>Big Data       | 1                | Thomas Manjarres, Franklin Energy                            | The Data Revolution: Unlocking the Power of Machine Learning  |
|  |   | 2                | Peter Kleinhenz, Go Sustainable Energy                       | Using Past Energy Data to Make Smarter Future Design Decisions  |
|  |   | 3                | Thomas Wenning, Oak Ridge National Laboratory                | Innovative Open-Source Energy Software to Drive and Enable Energy Savings and Process Optimization  |
|  |   | 4                | Julia Vetromile, David B. Goldstein and Associates           | SEM meets Robot: The effect of artificial intelligence on Strategic Energy Management   |
|  | Session 2<br>1:30-3pm<br>Productivity       | 5                | Sachin Nimbalkar, Oak Ridge National Laboratory              | Enhancing Energy Performance and Productivity Benefits by Implementing Smart Manufacturing Technologies   |
|  |   | 6                | Chris Peoples, Peoples Partners and Associates               | Attributing Value to Energy Efficiency with Blockchain Technology   |
|  |   | <b>OPEN SLOT</b> |  |   |
| Wed<br>8/14                            | Session 1<br>10:30am-12pm<br>Transformation | 7                | Heidi Davis, Purdue School of Engineering & Technology       | A Simplified Cybersecurity Risk Methodology for Small-to-Midsize Organizations in Energy, Water-Wastewater, and Other Critical Infrastructure Sectors |
|  |   | 8                | Lucy Neiman, ERS   | Beyond Incentives: Market Transformation Strategies for the Path Forward  |
|  |   | 9                | Jonathan Jutsen, Australian Alliance for Energy Productivity | Transformative change in industrial energy productivity   |
|  | Session 2<br>1:30-3pm<br>De-Carbonization   | 10               | David Foster, RAIL Solution                                  | Railroad Electrification - a Huge National Energy Saving Opportunity  |
|  |   | 11               | Yang Liu, National University of Singapore                   | Demand response as a tool of the power system flexibility   |
|  |   | 12               | Prakash Bhatia, COI Energy Services                          | Smart Grid of the Future and enabling a Climate Economy   |