



**The NEED Project**  
**2021 National Energy Conference for Educators**  
**July 18-22, 2021 · Albuquerque, NM**  
*Tentative Agenda*

**July 18 - Sunday**                      **Registration, Introduction to NEED**

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- 2:30 p.m. - 4:15 p.m.**                      **Registration and a Blade Design Challenge**
- 4:15 p.m.**                              **Introduction to the National Energy Conference for Educators**
- 5:00 p.m.**                              **Kids Teaching Kids – Student Recognition**  
See examples of the winning projects and how other teachers have used NEED both in the classroom and in after school settings.
- 5:15 p.m.**                              **NEED Resources, Q&A, Planning Guide Connections, Evaluation**
- 5:30 p.m.**                              **Dinner**

**July 19 - Monday**                      **Science of Energy, Sources of Energy, and Electricity**

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- 6:30 a.m.**                              **Breakfast**
- 8:00 a.m.**                              **Science of Energy**  
These breakout sessions explore the forms of energy and energy transformations.
- 10:10 a.m.**                              **Connecting Energy Education to Your Science Standards**
- 10:30 a.m.**                              **Break**
- 10:45 a.m.**                              **Forms of Energy to Energy Sources – Energy Expos**
- 12:30 p.m.**                              **Lunch**
- 1:30 p.m.**                              **Energy Expo Explorations**
- 2:00 p.m.**                              **Introduction to Electricity Generation**
- 2:30 p.m.**                              **Baseload Balance**
- 3:00 p.m.**                              **Sources of Energy Sessions**  
These sessions explore the sources of energy, their advantages and disadvantages and current uses of the source.
- 4:15 p.m.**                              **NEED Resources, Q&A, Planning Guide Connections and Evaluation**
- 4:40 p.m.**                              **Synthesizing the Conference**
- 5:00 p.m.**                              **Dinner on your own**

## **July 20 – Tuesday**                      **Sources of Energy**

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<b>6:30 a.m.</b>	<b>Breakfast</b>
<b>8:00 a.m.</b>	<b>Exploring Energy Break-out Sessions</b>
<b>9:30 a.m.</b>	<b>Break</b>
<b>9:45 a.m.</b>	<b>Introduction to Nuclear Energy</b>
<b>10:00 a.m.</b>	<b>Nuclear Simulation</b>
<b>10:30 a.m.</b>	<b>Understanding Carbon and Climate Change</b>
<b>12:00 p.m.</b>	<b>Lunch</b>
<b>1:00 p.m.</b>	<b>Afternoon Activity Break Out Session</b>
<b>2:00 p.m.</b>	<b>NEED Resources, Q&amp;A, Planning Guide Connections and Evaluation</b>
<b>2:30 p.m.</b>	<b>Synthesizing the Conference</b>
<b>3:00 p.m.</b>	<b>Adjourn for the Evening; Dinner on Your Own</b>

## **July 21 – Wednesday**                      **Electricity and Energy Efficiency and Conservation**

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<b>6:30 a.m.</b>	<b>Breakfast</b>
<b>8:00 a.m.</b> <b>– 12:00 pm</b>	<b>Introduction to Energy Efficiency and Conservation, Investigating Energy Use, Energy House, and This Week in Energy Conservation, Energy Stories and More, Energy Rock Performances</b>
<b>12:00 p.m.</b>	<b>Lunch</b>
<b>1:00 p.m.</b>	<b>Exploring Energy Outside the Science Classroom</b>
<b>2:15 p.m.</b>	<b>Break</b>
<b>2:30 p.m.</b>	<b>Energy Explorations</b> Participants begin to synthesize and reinforce energy knowledge.
<b>3:30 p.m.</b>	<b>Synthesizing the Conference</b>
<b>4:00 p.m.</b>	<b>NEED Resources, Q&amp;A, Planning Guide Connections and Evaluation</b>
<b>4:15 p.m.</b>	<b>Energy Carnival and Participant Share-a-thon</b>
<b>5:00 p.m.</b>	<b>Dinner</b>

## **July 22 – Thursday**                      **Transportation, Evaluation and Recognition**

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<b>6:30 a.m.</b>	<b>Breakfast</b>
<b>8:00 a.m.</b>	<b>Exploring Transportation Resources</b>
<b>8:45 a.m.</b>	<b>Synthesizing the Conference</b>
<b>9:15 a.m.</b>	<b>Exploring NEED’s Website and Other Resources</b>
<b>9:45 a.m.</b>	<b>What do I get? And Evaluation</b>
<b>10:15 a.m.</b>	<b>Planning Your Energy Unit</b>
<b>11:00 a.m.</b>	<b>Adjourn</b>