

## MINUTES

### New Energy Industry Task Force Technical Advisory Committee on Clean Energy Source

The Technical Advisory Committee (TAC) on Clean Energy held a public meeting on August 29, 2016 at the following locations:

Legislative Building  
401 S. Carson Street, Room 2134  
Carson City, NV 89701

Videoconference  
Grant Sawyer State Building  
555 East Washington, Suite 4412E  
Las Vegas, NV 89101

**Due to ventilation problems, meeting was moved to room 3137**

**1. Call to order and Roll Call:** Chairman Kyle Davis called the meeting to order at 9:07 am, calling roll and confirming a quorum.

#### **Technical Advisory Members Present**

Anne-Marie Cuneo, Member  
Bob Johnston, Member  
Dennis Laybourn, Member  
Jennifer Taylor, Vice Chair (in Las Vegas)  
Joe Johnson, Member  
Josh Nordquist, Member  
Kyle Davis, Chair  
Starla Lacey, Member  
Tom Polikalas, Member

#### **Technical Advisory Members Absent**

David Emme, Member  
Lisa Briggs, Member  
Kathryn Arbeit, Member

**2. Public comments and discussion:** No comment in Carson City.

In Las Vegas Mr. Tom Dudas address the committee regarding the recommendations to the Task Force. He had questions on item 2, carbon market exchange across states lines, he voiced to the committee. On to item 6 and 7, addressing electric cars but who's paying for the road, don't see reimbursement for the road.

**3. Review and approval of minutes from July 12, 2016 meeting:** Chairman Davis asked if there were any corrections to the minutes. Hearing none, Mr. Johnson made a motion to approve the minutes. Vice Chair Taylor seconded the motion, passed unanimously.

**4. Benefits of Regional Collaboration:** Ms. Stacey Crowley, Vice President with Regional and Federal Affairs made the presentation to the Committee with Phil Pettingill, Director of Regional Integration. Two-thirds of the US is served by a Independent System Operators (ISO/RTOs). ISOs provide many services including managing new generation interconnections and identifying future grid infrastructure needs. The California ISO is a nonprofit public benefit corporation and part of the Western Electricity Coordinating Council. The ISO board approved nomination of the Energy Imbalance Market (EIM) Governing body in June 2016 creating a broad representation. The EIM will hold its first public meeting on August 30, 2016. An EIM is an easily scalable extension of the real time market to a broader region. Carbon emission was reduced by 55,144 metric tons since NV Energy joined the EIM in November of 2015.

A regional ISO can transform the electricity sector to a low-carbon energy delivery system. Regional market integration can reduce customer cost, reduce emissions and enhance regional system planning among other advantages. Successful market integration requires changes in the California state statute to amend governance and approval by PacifiCorp and the FERC. The committee had a variety of questions for Ms. Crowley and Mr. Pettingill at the conclusion of their presentation.

**5. NV Energy Projected Carbon Profile as a Baseline Analysis for CPP compliance:** Ms. Starla Lacy informed the committee that the CPP is currently stayed by the courts with legal argument expected in September. We are in a holding pattern but there are a lot of plans to get in place. Modelers use Nevada as their example for complying with the CPP. There are two ways to comply with the plan, rate based which is lbs. per MWh or mass based, which is total tonnage. Nevada looks good to comply in both cases.

The figures presented here are compiled from NV Energy most recent resource plan filed with the state. Resource plans are filed for 3 years. As the CPP is currently written, NV energy can't take credit for renewables or energy efficient programs created before 2013, explaining why some of the numbers look low. Ms. Lacy discussed the figures with the committee and answered questions. She also stated that it's important to know what other states are doing. There are some that won't be able to meet the proposed CPP. We would be good to be in a position to trade with other states and benefit our customers.

**6. Discussion on NREL's Regional Energy Deployment System (ReEDS):** Mr. Josh Nordquist stated that he had talked with the ReEdS team and they referred him to a new tool, the Resource Planning Model which is designed for the state level. Mr. Nordquist will continue to look at this new model. Chairman Davis stated that this didn't require any action from this committee but to gather the information the Task Force.

**7. Review and Approval of Recommendations to the New Energy Industry Task Force:** Chairman Davis used the list of recommendations that he had compiled from the members and the public. The board then went through each of the recommendations.

Vice Chair Taylor made a motion to accept item 1,  
The NEITF recommends that the Nevada Division of Environmental Protection reconvene the Clean Power Plan Technical Advisory Group to assist NDEP in the development of a state plan for compliance with the CPP that is in the best interests of Nevada Citizens and business.  
Mr. Polikalas seconded, motion passed unanimous.

Vice Chair Taylor made a motion to accept item 2,  
The NEITF recommends that NDEP develop a state implementation plan that enables Nevada to trade compliance instruments with other states for the benefit of Nevada customers.  
Mr. Johnson seconded, motion passed unanimous.

After discussion it was decided to include item 3 into item 1. Vice Chair Taylor amended her motion for item 1 to include the ending sentence “including exploring voluntary participation in the CEIP”.  
Mr. Polikalas seconded, amended motion passed unanimous.

Vice Chair Taylor made a motion to accept item 4,  
The NEITF recommends that the Governor’s Office of Energy continues working collaboratively with western states on regional energy issues that maximize opportunities to advance the development of Nevada’s renewable resource, reduce air pollution and lower costs for consumers.  
Ms. Lacy seconded, motion passed unanimous.

Mr. Polikalas made a motion to accept item 5,  
The NEITF recommends legislation comparable to that passed in New Mexico.  
Provide for no less than 5% of utility DSM average spending over a 3 year period to be directed to help low-income Nevadans become more energy efficient.  
Direct the PUCN to utilize the Utility Cost Test in lieu of the Total Resource Cost Test.  
Evaluate the utility’s DSM Programs’ cost-effectiveness as a whole, so that the entire portfolio passes the Utility Cost Test without individual programs having to meet the standard.  
Program would apply to future and existing providers.  
Mr. Johnson seconded, motion carried, Ms. Cuneo opposed.

Mr. Polikalas made a motion to accept item 6,  
The NEITF recommends that the PUCN work with the regulated utilities and the Governor’s Office of Energy to develop a state plan and programs to accelerate the adoption of electric vehicles including recommending any Legislative changed as needed.  
Mr. Johnston seconded, motion passed unanimous.

Mr. Polikalas made a motion to accept item 7,  
The NEIFT recommend that the Governor’s office of Energy work with the Department of Transportation and Department of Taxation to propose financial incentive to stimulated the purchase of electric vehicles.  
Vice Chair Taylor seconded, motion passed unanimous.

**8. Member Items:** Member did not have any further items to discuss.

**9. Public Comment and Discussion:** In Carson City, Mr. John Friedrich with Climate Parents addressed the committee. Mr. Friedrich stated his gratitude for the committee's good work. These are a strong set of possibilities to move forward with.

No comments in Las Vegas

**11. Adjournment:** Meeting was adjourned at 11:15 am.

A full account of the meeting was captured in an audio recording, available on the Governor's Office of Energy's website.