



GOVERNOR'S WORKFORCE INVESTMENT BOARD

500 E. Third Street, Room 200

Carson City, Nevada 89713

Telephone (775) 684-3911 * Fax (775) 684-3908

MEETING MINUTES

Governor's Workforce Investment Board (GWIB)

Clean Energy Sector Council

Monday, July 22, 2013

10:00 a.m.

This meeting was conducted in person, via videoconference and by telephone conference call. Members of the public were invited to observe this meeting and provide comment at the physical addresses or by calling the number and access code listed below. Some members of this Council may have attended the meeting in person, via videoconference or by telephone conference call.

Place of Meeting:

Department of Employment, Training & Rehabilitation
2800 East St. Louis Avenue, Conference Rooms A, B and C
Las Vegas, NV

Department of Employment, Training & Rehabilitation
Vocational Rehabilitation
1325 Corporate Boulevard
Reno, NV

Department of Employment, Training & Rehabilitation
500 South Third Street, SAO Auditorium
Carson City, NV

1-877-810-9415
Access Code 7521358#

Council Members Present: Eric Dominguez, Susan Fisher, Ron Fletcher, Dan Gouker, Amelia Gulling, Scott Krantz, Les Lazareck, Bonnie Lind, David Miller, Dr. Thomas Piechota, Jordan Pinjuv, Michael Purtill, Senator Patricia Spearman, Jennifer Turchin, Councilwoman Anita Wood, George Rowe

Council Members Absent: Timothy Breed, Chris Brooks, Robert Feibleman, Debra Gallo (excused), Dr. Alan Gertler, Pamela Hilts, Councilwoman Peggy Leavitt, Dr. Emmanuel Maragakis, David McKinnis, Commissioner Warren Russell, Brita Tryggvi (excused).

Ex-Officio Members Present: Jeremy Hays (Economist, DETR Research & Analysis Bureau), Bridgette Cheney for Jaime Cruz (Workforce Connections), John Thurman (Nevadaworks).

Ex-Officio Members Absent: None.

DETR WSU Staff Present: Earl McDowell, Derita Hopkins. Ansara Martino, Odalys Carmona, Tatjana Vukovic, De Salazar.

Others Present: Randy Nance (DETR), Paul Garner (CCSD).

**Please note that all attendees may not be listed above.*

I. Welcome, Introductions and New Members..... Eric Dominguez, Chair
GWIB Clean Energy Sector Council

The Chair of this Council, Eric Dominguez called the meeting to order at 10:02 a.m., welcomed everyone and thanked them for attending this meeting. New members to this Council were welcomed by the Chair and introduced to the Council: Senator Patricia Spearman and Jennifer Turchin. He then asked Derita Hopkins, Administrative Assistant for DETR’s Workforce Solutions Unit, to call roll.

II. Roll call and Establishment of a Quorum Derita Hopkins, Administrative Assistant
Workforce Solutions Unit, Department of Employment, Training and Rehabilitation (DETR)

Derita Hopkins called roll and initially informed the Chair that a quorum was not present during roll call; however, Council member Bonnie Lind joined the meeting via teleconference and a quorum was then established.

III. Verification of Posting.....Derita Hopkins

Eric Dominguez asked for Derita Hopkins to verify that the agenda for this meeting was posted according to Nevada statute. Ms. Hopkins verified that the agenda was posted according to NRS 241.020.

IV. **First Public Comment Session** Eric Dominguez
Members of the public will be invited to speak; however, no action may be taken on a matter during public comment until the matter itself has been included on an agenda as an item for possible action. Public comment may be limited to three minutes per person at the discretion of the chairperson.

Eric Dominguez announced the First Public Comment Session and invited members of the public to speak. Hearing none, he then turned to Agenda Item V.

V. **For Possible Action** – Approval of the April 5, 2013 Minutes..... Eric Dominguez

Eric Dominguez asked for approval of the April 5, 2013 Meeting Minutes. Mr. Dominguez asked that corrections be made to Senate Bill 23 referenced on page 3, first paragraph. He asked that the reference be changed to Senate Bill 123. A motion to approve the minutes with the recommended correction was made by James Callahan and seconded by Kenneth Thompson. The motion carried unanimously.

VI. **Discussion** – Sector Council Subcommittee Update –Workforce Needs Assessment - Southern NevadaCouncilwoman Anita Wood/Councilwoman Peggy Leavitt
North Las Vegas/Boulder City, Nevada

Councilwoman Anita Wood provided a brief overview of the GWIB Clean Energy Sector Council workforce needs assessment for both North Las Vegas and Boulder City, Nevada. Councilwoman Wood updated the Council with the below list of workforce needs for clean and renewable energy that would promote employment growth in Nevada:

- Solar Energy (photovoltaic power) – She stated that solar panel creation and use has been popular in Clark County and the Southwest of United States. She then noted that both Boulder City and Nellis Air Force Base have become successful with solar energy projects. North Las Vegas has

solar energy as part of its Apex industrial area and foresees future challenges with the need for large tracts of land that would create a few long-term jobs within the clean energy industry.

- Manufacturing of solar panels does create more jobs in the industry.
- Wind Power - Councilwoman Wood mentioned again that there is a need for large tracts of land and this project will create a few long-term work opportunities. She stated that some of the upcoming projects are the Searchlight Wind Energy Project and in Boulder City.
- Hydroelectric Power, for which Hoover Dam is an example of this type of project to support economic development.
- Geothermal has potential workforce development, particularly in Northern Nevada.
- Biomass (organic plan and waste materials) – Has potential employment growth with the North Las Vegas area.
- Biofuels – including Biodiesel, there are some work opportunities from several companies which have already approached North Las Vegas. This project involves taking used tires of different sizes and baking them in a kiln or furnace. She stated that the end product is steel wire, black carbon powder and synthetic fuel product. The challenges would be that the fuels creates hazardous product in large quantity.
- Electric vehicles and improve batteries are some future work opportunities which involve research and development and require a large financial commitment.
- Energy efficient construction workforce development opportunities. An example would be the energy residential retrofit program that would improve energy efficiency in Nevadan homes. She mentioned that Green Chips and Labor Unions are involved in this critical industry development.
- Hydroponics/Aquaponics – She stated that this is a very critical workforce need that the Council should look into. For example, the Apex pipelines that brings gasoline into our state from Utah.

Next, Councilwoman Anita Wood asked the Council to begin to look at ways to support economic development and create more jobs for the Clean Energy Industry Sector based upon the North American Industry Classification System (NAICS) listing. She requested that Council members focus on determining an independent role for this Council, while also working with other GWIB Industry Sector Councils so that Sector Council efforts are not duplicated. In addition, she asked for this Council to look at setting priorities on how to balance the need for research and development and attracting clean energy business to Nevada. A Council member asked the reason why companies that previously chose Nevada for their seat of business decided not to relocate and questioned if there were any problems with employees having the required clean energy skill sets. Councilwoman Wood answered that a lot of companies were given a better incentive from other states. She then mentioned that some companies did consider the educational system, and others wanted to bring their clean energy projects only if Nevada would provide the land, but one of the largest clean energy businesses concerns were regarding finances. She clarified that workforce readiness or skill sets have not been an issue with their decision whether or not to relocate to Nevada. Council member Bonnie Lind provided an example where DETR helped improve training opportunities with the Solar City Company that moved to Las Vegas, particularly for their solar engineers, accountants, math skills, etc. She stated that Solar City was very pleased to work with the University of Nevada, Las Vegas (UNLV) and University of Nevada, Reno (UNR) for the engineering training support and with the Community College of Southern Nevada/DETR for the accounting and back office skills, and also with retraining their construction workers to do online cost estimates. Ms. Lind recommended that this Council invite both Bob Potts, Research Director for the Governor's Office of Economic Development (GOED), and William (Bill) Anderson, Chief Economist for DETR's Bureau of Research and Analysis, to present their clean energy industry reports that would describe the economic growth and required skill sets for employment. Ms. Lind volunteered to provide this Council with a copy of the green directory list of companies in Nevada and offered her assistance with data collection and the planning process.

To view the GWIB Clean Energy Sector Council Workforce Needs Assessment presentation , click on the following link:<S:\detradmin\workforcesolutionsunit\Sector Councils\Clean Energy\2013 Clean Energy>

VII. **Discussion** – Sector Council Subcommittee Update – Workforce Needs Assessment - Northern Nevada Bonnie Lind, Renewable Energy Specialist
Governor’s Office of Economic Development (GOED)

Bonnie Lind, Renewable Energy Specialist for the Governor’s Office of Economic Development (GOED), provided an update on the Clean Energy Industry Sector workforce needs for the Northern Nevada region. She informed the Council that her update will also include Agenda Item XI for the industry report on talent pipeline and future opportunities.

Listed below are the current workforce needs for the Northern Nevada clean energy industry sector provided by Ms. Lind:

- Solar energy currently looking at energy efficiency from a manufacturing perspective on how to entice foreign companies to assemble their components in Nevada.
- Working with the mining and manufacturing experts on creating a vertical lithium supply chain.
- There are some work opportunities with the creation of electric batteries for boom trucks, vehicles and motorcycles.
- Coordinate with Nevada Renewable Energy - NV Energy to have an energy storage facility in Nevada.
- Would like to support two biofuel and biodiesel companies in the northern Nevada area. For example, the 12 acre windset farms and in Ely.
- Bonnie Lind provided a brief update to this Council regarding the 2013 Agriculture Industry Conference that was held in April 2013. She encouraged council members to participate with next year’s conference because it would be very beneficial in regards to the clean energy technical/light-emitting diode (LED) components for the energy efficiency workforce development.

She then recommended that this Council look at having a list of required skill sets for the clean energy industry. Council member Ron Fletcher requested for the Council to look at how to develop the required skill sets for the technical/advanced jobs in clean energy. Also, it was recommended for this council to focus on the current “demand” in terms of skill sets and determine training opportunities.

VIII. **Discussion** – Sector Council Subcommittee Update – Existing Clean Energy Workforce Demands Les Lazareck, Home Energy Performance Expert
Home Energy Connection

Council member Les Lazareck provided a brief update regarding the GWIB Clean Energy Subcommittee consideration of existing workforce needs. He informed everyone that his main focus has been looking for recruiters to place individuals into jobs and verifying online job posting sites for the clean energy industry. He then expressed his concerns with having limited success acquiring comprehensive data for the clean energy sector. He has only received the lower salary jobs and the middle to higher technical job listings is only showing the chemical engineers/electrical engineers categories. He emphasized that there is no specific concentration on where specific clean energy skill sets are in demand. The Chair of this Council recommended that they first work on completion of the strategic plan, which identifies specific companies, and then focus on the specific skill gaps to make recommendations to DETR for workforce development training.

IX. **Discussion** – Sector Council Subcommittee Update – Existing Workforce Development Programs within the Clean Energy Sector Dan Gouker, Executive Director
College of Southern Nevada, Division of Apprentices Studies

Dan Gouker, Executive Director for the College of Southern Nevada's Division of Apprenticeship Studies, identified his findings from the Nevada System of Higher Education (NSHE) industry sector academic programs report. He mentioned that the original Brookings report showed a total of seven academic programs to support economic development. However, the NSHE has determined the "mapping" programs that meet the eight industry sectors training requirements. The universities and community colleges identified to support "mapping" academic programs were the following: (1) University of Nevada, Las Vegas; (2) University of Nevada, Reno, (3) Nevada State College; (4) the College of Southern Nevada; (5) Great Basin College; (6) Truckee Meadows Community College; and (7) Western Nevada College.

Next, Mr. Gouker mentioned that he has used the industry sector council mapping information provided by Tatjana Vukovic, DETR's Management Analyst for the Workforce Solutions Unit, to determine the training programs that meet the clean energy industry sectors. He then pointed out that the Clean Energy sectors have a total of 233 training program of studies that satisfy the certification criteria. He provided a brief overview of the National Center for Education Statistics (NCES) handout he provided today that includes data collection from students who have applied for financial aid. He mentioned that the NCES information would be a great tool to access what training is available and provide the number of students enrolled in the programs. He then provided some additional handouts to illustrate the academic requirements for the clean energy and renewable energy environmental science degree and the mechanical degree that correlates to the clean energy sector.

Mr. Gouker suggested that this Council not reinvent the academic programs that already exist with NSHE and that it would be fruitful to track the education data needed to support the clean energy industry training recommendation efforts. He then briefly explained Assembly Bill 449 to Council members, volunteered to send them a copy of the Bill and to help them understand the purpose of economic development. Earl McDowell, DETR's Deputy Administrator of the Workforce Solutions Unit, asked Council members to contact Odalys Carmona, Youth Liaison for DETR's Workforce Solutions Unit, with any questions or concerns regarding workforce development and activities for K-12 students and young adults. Mr. McDowell then explained DETR's funding process for any training recommendations that are submitted by this Council.

To view a copy of the Nevada System of Higher Education Industry Sector Report, click on the following link:

S:\detradmin\workforcesolutionsunit\Sector Councils\Clean Energy\2013 Clean Energy Sector Council Meetings\Clean Energy Sector Council Meeting 07-22-13\NSHE Intro_DGouker.pdf

To view a copy of the National Center for Education Statistics document, click on the following link:

<S:\detradmin\workforcesolutionsunit\Sector Councils\Clean Energy\2013 Clean Energy Sector Council Meetings\Clean Energy Sector Council Meeting 07-22-13\National Center for Education Statistics.docx>

To view copies of the workforce development programs additional handouts, click on the following links:

S:\detradmin\workforcesolutionsunit\Sector Councils\Clean Energy\2013 Clean Energy Sector Council Meetings\Clean Energy Sector Council Meeting 07-22-13\csn_DGouker.pdf

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S:\detradmin\workforcesolutionsunit\Sector Councils\Clean Energy\2013 Clean Energy Sector Council Meetings\Clean Energy Sector Council Meeting 07-22-13\UNLV_DGouker.pdf

X. **For Possible Action** – Update of 2013 GWIB Clean Energy Sector Council Strategic Plan Eric Dominguez

Eric Dominguez requested that a Council member volunteer to Chair the 2013 GWIB Clean Energy Strategic Plan Subcommittee and he asked for membership participation. Council member Senator Patricia Spearman volunteered to Chair the 2013 Strategic Plan Subcommittee. Others volunteered to sit on the Subcommittee and their names are as follows:

- Dr. Thomas Piechota
- Councilwoman Anita Wood
- Gary Wood

In addition, to assist with the strategic plan initiatives, Jeremy Hayes, Economist in DETR’s Bureau of Research and Analysis, confirmed that the Chief Economist Bill Anderson’s survey report will be sent out soon for this Council’s review. To support the economic development efforts, Bonnie Lind informed everyone that GOED has a centralized database called executive pull that lists current businesses in the state of Nevada and it would be a helpful tool for this Council to consider. Tatjana Vukovic, Management Analyst in DETR’s Workforce Solutions Unit, volunteered to provide a classification list of companies and job positions within the clean energy industry that committed to having five years of operations within the State of Nevada. The Chair of this Council asked for volunteers to assist with the Economic Development Subcommittee. Council members Michael Purtill and Bonnie Lind volunteered to participate on the Economic Development Subcommittee. No additional comments were made.

XI. **For Possible Action** – Industry Report on talent pipeline and future opportunities Bonnie Lind, Renewable Energy Specialist
Governor’s Office of Economic Development

Council member Bonnie Lind, Renewable Energy Specialist for the Governor’s Office of Economic Development (GOED), asked that this agenda item be combined with the above Agenda VI. Eric Dominguez then turned to the next Agenda Item XII.

XII. **For Possible Action** – Future Meetings and New Business Eric Dominguez

Member suggestions for action consisted of:

- Development of the 2013 GWIB Clean Energy Strategic Plan.
- Eric Dominguez recommended that Earl McDowell, DETR’s Deputy Administrator for the Workforce Solutions Unit, provide an update on DETR’s current funding expenditures for the past year.
- Eric Dominguez asked for an update on any grant opportunities for the clean energy industry sector.
- Dan Gouker volunteered to provide a timeline that will show how long it takes to place together a CSN academic course into the catalog for clean solar energy certifications/degree.
- Anita Wood asked for Council members to review her presentation slides and proposed discussion item recommendations and requested that they be prepared to discuss them at next meeting.
- Bonnie Lind recommended that Bob Potts to be placed on the upcoming agenda to provide Council members with the clean energy industry data collections that the State has already tracked. It was recommended to add the GWIB Clean Energy Subcommittee Chairs Update for the next meeting.

XIII. Next meeting will be held on Friday, September 27, 2013 at 10:00 a.m. Eric Dominguez

The Chair of this Council announced that the next meeting is scheduled for Friday, September 27, 2013 at 10:00 a.m. Once the date is confirmed, members will be sent a calendar notice and the public notified through posting of the agenda according to Nevada Open Meeting Law.

XIV. **Second Public Comment Session**Eric Dominguez
Members of the public may now comment on any matter or topic, which is relevant to or within the authority or jurisdiction of the Board. You may comment now even if you commented earlier; however, please do not simply repeat the same comment you previously made. Please clearly state and spell your name. Public comment may be limited to three minutes per person at the discretion of the chairperson.

Mr. Dominguez announced the Second Public Comment Session and invited members of the public to speak. No public comments were made. Council member Dr. Thomas Piechota announced that there is an upcoming National Clean Energy Summit scheduled for August 13, 2013, which is being hosted by the Senator Reid Project at the Mandalay Bay Hotel & Casino. No additional comments were made. Mr. Dominguez then turned to Agenda Item XV.

XV. **Adjournment**Eric Dominguez

Mr. Dominguez adjourned the meeting at 12:10 p.m.

Agenda items may be taken out of order, combined for consideration by the public body, and/or pulled or removed from the agenda at any time. The Chair may continue this meeting from day-to-day. Pursuant to NRS 241.020, no action may be taken upon a matter raised during a period devoted to comments by the general public until the matter itself has been specifically included on an agenda as an item upon which action may be taken.

GOVERNOR’S WORKFORCE INVESTMENT BOARD
CLEAN ENERGY SECTOR COUNCIL

Timothy Breed, Chris Brooks, Eric Dominguez-Chair, Robert Feibleman, Susan Fisher, Ron Fletcher, Debra Gallo,
Dr. Alan Gertler, Dan Gouker, Amelia Gulling, Pamela Hilts, Scott Krantz, Les Lazareck, Councilwoman Peggy
Leavitt, Bonnie Lind, Dr. Emmanuel Maragakis, David Miller, Dr. Thomas Piechota, Jordan Pinjuv, Michael Purtill,
Commissioner Warren Russell, Senator Patricia Spearman, Brita Tryggi, Jennifer Turchin and
Councilwoman Anita Wood.

***Notice:** Persons with disabilities who require special accommodations or assistance at the meeting should notify Derita Hopkins, DETR, Workforce Solutions Unit, between the hours of 8:00 a.m. through 5:00 p.m., in writing at 2800 E. St. Louis., Las Vegas, Nevada 89104; or call (702) 486-0523; or fax (702) 486-6426 on or before the close of business Friday, July 19, 2013.*

Notice of this meeting was posted at the following locations on or before 9:00 a.m. on the third working day before the meeting: DETR, 2800 E. St. Louis, Las Vegas, NV; DETR, 500 East Third St., Carson City, NV; DETR, 1325 Corporate Blvd., Reno NV; NEVADA JOBCONNECT, 3405 S. Maryland Parkway, Las Vegas, NV; NEVADA JOBCONNECT, 119 Water St., Henderson, NV; NEVADA JOBCONNECT, 2827 N. Las Vegas Blvd., North Las Vegas, NV; NEVADA JOBCONNECT, 1929 N. Carson St., Carson City, NV; NEVADA JOBCONNECT, 172 Sixth St., Elko, NV; NEVADA JOBCONNECT, 480 Campton St., Ely, NV; NEVADA JOBCONNECT, 121 Industrial Way, Fallon, NV; NEVADA JOBCONNECT, 475 W. Haskell, #1, Winnemucca, NV; NEVADA JOBCONNECT, 4001 S. Virginia St., Suite G, Reno, NV; NEVADA JOBCONNECT, 1675 E. Prater Way, Suite 103, Sparks, NV; GRANT SAWYER OFFICE BUILDING, 555 E. Washington Ave., Las Vegas, NV; LEGISLATIVE BUILDING, 401 S. Carson St., Carson City, NV; NEVADAWORKS 6490 S. McCarran Blvd., Building A, Unit 1., Reno, NV; WORKFORCE CONNECTIONS, 7251 W. Lake Mead Blvd., Las Vegas, NV. This agenda was also posted on DETR’s Web site at www.nvdetr.org. In addition, the agenda was mailed or e-mailed to groups and individuals as requested.