



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 Thursday, August 21, 2014 10:00 a.m.

Some members of the Council may have attended the meeting and provided testimony through a simultaneous videoconference and teleconference and other persons may have observed the meeting conducted at the following locations listed below:

Place of Meeting: **Department of Employment, Training & Rehabilitation**
2800 East St. Louis Avenue, Conference Rooms A-C
Las Vegas, NV

Nevada JobConnect
Reno Town Mall
4001 South Virginia St
Reno, NV

Department of Employment, Training & Rehabilitation
500 South Third Street, 1st Floor Auditorium
Carson City, NV

Council Members Present: Eric Dominguez, Dan Gouker, Brita Tryggvi, Councilwoman Anita Wood, Councilwoman Peggy Leavitt, Les Lazareck, David Miller, Susan Fisher, Jennifer Turchin, Jack McGinley, Emilia Cargill, Ed Domanico, Alex Kyser, Dr. Kent Hoekman, Patti-Carney-Stjernelund

Council Members Absent: Thomas Piechota (excused), Timothy Breed, Debra Gallo, Michael Purtill, George Rowe (excused), Senator Patricia Spearman (excused), Amelia Gulling, Dr. George Rhee (excused), Dr. Jim Faulds, Dr. Ghassan Jabbour, Chris Zunis

Ex-officio Members Present: Jeremy Hays, Jaime Cruz, Maribeth Stumpf.

Ex-officio Members Absent: John Thurman, Randy Nance, Ron Fletcher.

DETR WSU Staff Present: Earl McDowell, Coralie Peterson, Odalys Carmona, Steve Gibson (WISS)

Others Present: Bob Potts (GOED), Judy Turgiss (Nevada Workforce Development Center)

**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 10:00 a.m. and thanked everyone for attending this meeting. After welcoming two new members, Dr. Kent Hoekman and Patti Carney-Stjernelund, he asked Coralie Peterson, Administrative Assistant for DETR’s Workforce Solutions Unit, to call roll.

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

Coralie Peterson called roll and informed the Chair that a quorum was present.

- III. Verification of Posting.....Coralie Peterson

Eric Dominguez asked Coralie Peterson to verify that the agenda was posted according to Nevada statute. Mrs. Peterson 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 before; 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.

Mr. Dominguez announced the First Public Comment Session and invited members of the public to speak. No comments were made. Hearing none, he then moved to Agenda Item V.

- V. **For Possible Action** – Approval of the May 23, 2014 Meeting Minutes Eric Dominguez

Mr. Dominguez asked for approval of the May 23, 2014 Meeting Minutes. A motion was raised by Susan Fisher and was seconded by Ed Domanico. One member chose to abstain from this vote. All other members voted to approve, none were opposed. The motion was carried.

- VI. **Discussion/Possible Action**—Director’s Report..... Earl McDowell, Deputy Administrator
Department of Employment, Training and Rehabilitation (DETR), Workforce Solutions Unit

Mr. Dominguez invited Earl McDowell to provide an update on DETR and Workforce Solutions Unit activities. Mr. McDowell stated that Interim Director Dennis Perea was in northern Nevada and unable to join this meeting. He went on to comment that one of the key areas of interest to this sector council, the LEED Green Associate Pilot Program, has been approved, with an expected kick-off date in September, and he will update the council as the program progresses.

Mr. McDowell mentioned that he will arrange to have a representative from Workforce Connections and NevadaWorks provide them with a training update, as they were tasked with providing training for the In-Demand Occupations that had been identified by the GWIB Clean Energy Sector Council.

Mr. McDowell went on to explain that the Chairs provide a quarterly report to the Governor’s Workforce Investment Board, and periodically, each one of the Chairs will give an oral report on what is going on within their sector. He suggested that if the members have areas of concern, an issue or legislation, that they would like to bring up in this meeting, they should make sure to inform the Chair to request the topic be included in the agenda.

Earl McDowell also encouraged the council members to become familiar with the DETR Workforce Solutions website, as the GWIB Clean Energy Sector Council web page provides helpful information that can be shared with others, such as:

- Description of the Clean Energy Sector
- Meeting Agendas and Minutes
- Strategic Plan and By-Laws
- In-Demand Occupations
- Membership List
- Membership Application

Mr. McDowell also stated that the sector council can use this page to post presentations which they feel are pertinent and important to this page, and provides an opportunity to explain what the sector council does, as well as encourage those who may be interested in joining the sector council to complete the membership application. The link to the website page is as follows:

http://nvdetr.org/GWIB_SectorCouncils/gwib_CleanEnergy.htm (Open hyperlink)

Lastly, Mr. McDowell said that he will have Jeremy Hays, Economist from DETR’s Bureau of Research and Analysis who works with this sector council, identify and focus on companies to distribute their survey on a broader scale to obtain a better response. Mr. Dominguez commented that the intent of the surveys is to get some input from industry as to what their needs are, and he asked the council members for any other possible contacts that they would like to suggest.

Mr. McDowell also mentioned that the council is designed to have 51% of membership from business, which is important since they know what is happening in the sector and can contribute to the overall success of the sector council. He asked sector council’s members that know of anyone in business who may be interested in participating as a member of the Clean Energy Sector Council, let DETR know so that they can reach out to those individuals. Mr. Dominguez thanked him for his comments and moved to the next agenda item.

VII. **Industry Presentation**—Overview of Sustainability Workforce/Industry in Nevada.....Jennifer Turchin, Project Manager
Sellen Sustainability

Mr. Dominguez welcomed Jennifer Turchin to provide an overview of opportunities in the Green Energy sector. Ms. Turchin explained that what Sellen Sustainability does sustainability consulting and training, and she personally has worked on 70 million square feet of green projects, including public transit agencies with projects in Denver, Seattle and Los Angeles. She mentioned that most recently Sellen completed the Corn Creek Visitors Center.

Ms. Turchin said that in 2013 Sellen Sustainability trained approximately 400 people with various courses related to green building, much on green building safety. In 2012, Sellen Sustainability’s Seattle office conducted specialized training for women in the trades.

She went on to talk about workforce statistics in green jobs, stating that many take jobs in this industry due to social impact and shared values. She gave examples, such as more than 70% of recent college students and 50% of workers stated that they were looking for jobs that would have some social impact, and 60% of students stated they were willing to take pay cuts in order to work with companies that align with their values.

She explained that her presentation defines “green jobs” as jobs in the environmental sector. She stressed the importance of STEM (Science, Technology, Engineering and Math) training for jobs associated with

the green energy sector, and mentioned that job postings indicated a high demand for applicants to have LEED Green credential.

Ms. Turchin stated that the skills related to green building include: LEED Green accreditation, auto-cad, HVAC, Revit, and scheduling. She also stated that the majority of green jobs require a bachelor’s degree. She also mentioned that the technology in green energy is always changing.

Some of the careers she mentioned associated with green energy included engineering, architecture, consulting, urban planning, many areas aside from construction, with the leading job being a mechanical engineer, having an nationally averaged salary of \$63,000.00.

She also mentioned that there has been much interest in sustainability in existing buildings, as they outnumber new buildings, and many companies are having more requirements for yearly sustainability studies addressing greenhouse gases and energy use. She concluded her comments by mentioning that as a part of the Pilot Program for the Clean Energy Sector Council, Sellen Sustainability is going to be training up to 30 people to obtain the LEED Green credentials, and this will be scheduled in September or October, and information will be posted on the DETR website. Mr. Dominguez asked if Sellen Sustainability is seeing any workforce skill gaps, which may be an opportunity for workforce training. Ms. Turchin said that as different trades are collaborating in their projects, communication can be a challenge. She also said job safety will always be a large issue.

Dr. Hoekman asked about the LEED Green certification, and Ms. Turchin explained that this is a stepped program, with the first step being a LEED Green Associate (which includes passing a 2 hour, 100 question exam), where training is recommended but not required. Ms. Turchin explained the next step is a LEED Accredited Professional which requires documented LEED project experience, and a third level LEED Fellow, requiring 10 years of LEED project experience. She mentioned that all programs require continuing education from LEED. Mr. Dominguez thanked Ms. Turchin for her presentation and proceeded to Item VIII.

VIII. Discussion/Possible Action— GWIB Pipeline Opportunities/Occupations in Clean Energy Sector..... Bob Potts, Research Director
Governor’s Office of Economic Development (GOED)

After greeting the sector council members, Bob Potts explained that GOED had devised a listing of the clean energy businesses in the State of Nevada approximately 18 months ago. A discussion of the pipeline opportunities in Clean Energy came about when Councilwoman Anita Woods reviewed the GOED listings and mentioned to him that she felt that some of the listings did not appear to belong to the Clean Energy sector, while other appropriate businesses were not included.

Mr. Potts explained that as Clean Energy is an emerging industry, and the same industry-based approach to sector development (Brookings SRI Report using NAICS codes) that was used for the other sectors, proved difficult to use in measuring this sector. He defined NAICS (North American Industry Classification System) coding, which is based on the production/output of goods/services in a given industry, and indicated that the Clean Energy sector has few NAICS codes, with the exception of hydro-electric power.

He went on to explain that the Brookings SRI Report was a one-time study, not repeatable, so Mr. Potts said that he and Bill Anderson, who is the Chief Economist for DETR’s Research and Analysis Bureau, reviewed a variety of national studies (Dun and Bradstreet, Census, BLS, etc.) in order to develop Clean Energy NAICS codes using the Bureau of Labor Statistics Green Jobs Initiative O*Net-SOC codes. Using the NAICS codes will help to measure the sector systematically, and report statistics correctly to the Governor.

He stated that this analysis proved to be easier by occupation rather than by company, and by use of a PowerPoint presentation Mr. Potts shared some details of the analysis information gathered for the Clean Energy sector, using “inverse staffing patterns” to identify industries and their corresponding NAICS codes. Industry groups were created from those staffing procedures, and determined which retained industries where at least 15% of the jobs were “green.”

Mr. Potts also mentioned the addition of other logical industries, such as:

- Industrial and Commercial Fan and Blower Manufacturing
- Storage Battery Manufacturing
- Heating Equipment Manufacturing (except Warm Air Furnaces)
- Primary Battery Manufacturing
- Electric Power Distribution

He displayed a detailed table and drew attention to the NAICS classification for Plumbing, Heating, and Air-Conditioning Contractors, which show a total number of jobs statewide as 7,209, of that number 1,610 (22.3%) were determined to be “green” jobs, meeting the 15% guideline so it was included in their listing. Mr. Potts said however, the problem with this classification is that the majority of the jobs in the industry (5,599) were *not* considered green jobs, which helped to explain why the business listings were confusing.

Mr. Potts noted the decrease in the number of jobs statewide in the sector of 23.2% compared to a decade earlier, of which a large component was construction workers, which now total approximately 27,698 with average earnings of \$71,456.00, on par with the national salary. He described the corresponding location quotient 0.78 (relative concentration of jobs in *this* industry group compared to the national statistics). An LQ (location quotient) of 1 would be the same as the national average, and Nevada’s 0.78 LQ indicated that the state is currently three-fourths of the national grouping.

He went to explain the regional breakdown of jobs by county, industry employment in the clean energy sector, staffing patterns and industry requirements. When Mr. Potts concluded his presentation, Susan Fisher commented that when looking at the supply chain, there is no mention of recycling. She suggested training for recycling solar panels, construction materials and electronic equipment should be considered. Discussion ensued amongst sector council members about this topic.

Mr. Dominguez then asked for more detail on the data Mr. Potts shared in order to help develop training. Mr. McDowell stated that when the council members identified In-Demand Occupations, this was approved by the GWIB, who, in turn, informed the local boards to focus training on the designated occupations. The boards will be providing a report to the sector council on their progress in the near future. Mr. McDowell stated that the Council can make adjustments to the In-Demand Occupations List if data shows a new area (for example, recycling) that needs to be included as a new In-Demand Occupation.

Mr. Dominguez thanked Mr. Potts for his presentation and moved to Item IX.

IX. **Discussion/Possible Action**—Update on Alternatives to Industry Survey.....
.....Jeremey Hayes, Economist
Research and Development
Department of Employment, Training and Rehabilitation (DETR)

Jeremey Hayes thanked Mr. Dominguez and greeted the sector council members and mentioned that prior to the government shutdown issue last year, a survey of green jobs in Nevada had been planned. The survey was to be conducted by an outside company, at a cost of approximately \$200,000.00, lasting 6

months. He reminded sector council members of a Missouri study circulated previously, which was basically a template of this survey, and would be a very involved project.

He mentioned that had spoken with Doug Van Aman who had been using a very basic Survey Monkey that has had a low response rate (1.5%), providing insufficient data from which to draw any conclusions. He stated that the Bob Potts researching tool is the best alternative for use, and noted that Mr. Potts presentation ties into his analysis to a large degree and is based on the industry lists developed by Bill Anderson, Chief Economist for DETR’s Bureau of Research and Analysis.

Mr. Dominguez asked if industry could be solicited for information without the costly survey, asking if the top 20 employers could be surveyed, and Mr. Hays said that this would be feasible. Earl McDowell stated that if Mr. Hays could identify the top 20 employers, the Survey Monkey may be useful for surveying those employers. Mr. Potts suggested a focus group may allow for a more engaged discussion rather than the survey, and sector council members noted agreement to this suggestion. Mr. Dominguez thanked Mr. Hays for his comments and moved to Item X.

X. **For Possible Action**—New Business and Future Agenda Items
.....Eric Dominguez

The following suggestions for future business and future agenda items mentioned in this meeting were:

- Company Presentation – U.S. Microcorp

XI. **For Possible Action** -- Future Meeting Schedule/Next Meeting.....Eric Dominguez

The future meeting schedule for this Council is as follows:

- 10:00 a.m., Friday September 26, 2014
- 10:00 a.m., Friday November 21, 2014

XII. **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 comments were made. Hearing none, he moved to Item XIII.

XIII. **Adjournment**Eric Dominguez

When Mr. Dominguez concluded the Second Public Comment Session, he adjourned the meeting at 11:21 a.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

Eric Dominguez (Chair), Dr. Thomas Piechota (Vice-Chair), Timothy Breed, Debra Gallo, Jordan Pinjuv, Michael Purtill, Dan Gouker, Brita Tryggvi, Councilwoman Anita Wood, George Rowe, Councilwoman Peggy Leavitt, Les Lazareck, David Miller, Susan Fisher, Jennifer Turchin, Senator Patricia Spearman, Amelia Gulling, Dr. George Rhee, Dr. Jim Faulds, Dr. Ghassan Jabbour, Jack McGinley, Emilia Cargill, Ed Domanico, Chris Zunis, Alex Kyser, Dr. S.Kent Hoekman, Patti Carney-Stjernelund

Notice: *Persons with disabilities who require special accommodations or assistance at the meeting should notify Coralie Peterson, 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 Wednesday, August 20, 2014.*

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.