

## **K2 Community Liaison Committee (CLC) Meeting #4**

K2 Wind Power Project / 160960741

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Date/Time: July 22, 2015 / 6:50 pm to 7:45 pm  
Place: K2 Wind Operations Building – 84655 Tower Line Road  
Next Meeting: TBD  
Attendees: Krista Walkey (Stantec; CLC Chair), Andrea Terella (Stantec)  
Francis Hogan (CLC), Jennifer Miltensburg (CLC),  
Robin Maxwell (K2 Wind Facility Manager), Jay Shukin (Capital Power), Pat Murray (Pattern Energy), Glenn Hubbers(Capital Power), Martin Davison (Capital Power)  
Della Bennett (Public), John Bennett (Public), Larry Wilkin (Public), Don Miltenburg (Public)  
Absentees: Melissa Luymes (CLC), Kim Burgsma(CLC), Steve Buchanan (CLC), Brian Van Osch (CLC)  
Distribution: Distribution List

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### **Item:**

#### **Greetings – Krista Walkey (KW)**

- KW – Welcomed and thanked all CLC members and public for attending the meeting.
- Introduced herself and identified location of the nearest washrooms, the location of the sign in sheet and copies of the agenda that had been provided.
- Explained that as part of the TOR that this is the last official meeting and any further updates will be put on the website.

#### **Safety Moment (Stantec) – (KW)**

- KW – Safety moment provided through the tour safety orientation that occurred prior to CLC meeting. (The Operations building will be the muster point in case of an emergency or extreme weather and identified front gate as a muster point if building unavailable due to fire etc.)

#### **Introduction of CLC Members, K2 Wind Staff and Support Staff – (KW)**

- KW went around the room to facilitate introductions of those in attendance at the meeting.
- Reviewed the meeting agenda.

#### **K2 Wind Background (KW)**

- KW – provide explanation of general background information of the K2

#### **Design with community in mind**

wind project

- 270 MW wind power facility
- Operation commenced May 29, 2015, ending an 18 month construction period
- 20 year Power Purchase Agreement
- Received REA approval in July 2013.
- KW – explained how it is an Ontario project
  - Ontario workers have been involved in every aspect of project
  - Local residents and suppliers were involved throughout construction
  - Turbine blades manufactured in Tillsonburg by Siemens
  - Towers were manufactured by CS wind in Windsor using Ontario steel

**Construction Updates – Glen Hubbers (GH)**

- GH - Went through the construction milestones for the K2 Wind project (the Project)
  - Site clearing began in late 2013
  - Full mobilization in March 2014 through to March 2015
  - All access road completed by fall 2014 and collector lines complete in April 2015
  - The 500 kV substation was energized in March 2015
  - All turbines assembled by April 2015
  - There was a lot of winter construction that took place
  - Commercial Operation Date (COD) was May 29<sup>th</sup>
  - Civil reclamation work now underway
- GH - Explained that with a project of this size, they go through a list of items that need to be dealt with and fixed after construction of turbines is complete
  - Civil reclamation is the primary work now taking place
  - Currently reclaiming gravel out of the field and working on final grading
  - Reclamation of road side ditches were slightly delayed but timing has been rapidly increased over the last few weeks
  - By the end of August only landscaping and tree planting should

be left to complete

K2 Wind is working on a program to address the trees that needed to be removed; *Public – Does the tree have to be put back within the road allowance?*

- GH – Township advised that the tree can be planted and given to landowners if they want them, since the Township prefers that the trees are not within the road allowance.

*Public – Will AMEC Black and McDonald (ABMD) take care of the tree planting?*

- GH – Assessing options. It's likely that a subcontractor will be hired to complete the tree planting task.
- GH -Explained the People, Safety, and Weather that was a part of the Project
  - Number of workers on site peaked in October with almost 500
  - Safety incidents occurred during 2014 and safety program was developed and improved
  - Storm water and melting was a major factor in dealing with construction timing
  - Snow was not too much of an issue in erecting turbines during the winter
  - Rain in June 2015 had an impact on civil reclamation
- KW – Highlighted list of some of the suppliers and companies that were used locally during construction of the Project.
- Robin Maxwell (RM)- Noted the number of local businesses that also worked on the Project.
- GH – Advised that the reclamation work is under way and the target for the majority of it to be completed by late summer; with some landscaping left over to complete.
  - Timing look to be on track only approx. two weeks delayed for reclamation work
  - Meeting occurring with the Township Road Superintendent to sign off on the conditions of the roads as they are repaired. , Ditches will be

#### **Operations Overview – Martin Davison (MD)**

- MD – Provided an overview of the Project operations
  - COD - May 29, 2015
  - Pattern Energy is the operating partner
  - K2 has 3 year service agreement with Siemens to maintain turbines
  - Approximately 20 full time workers will be involved in maintaining

the facility

- Target was met on May 29, 2015 for commercial operations
- Turbines operating better than expected to date
- K2 has 97% availability since COD
- There have been no recordable safety incidences to date
- K2 has generated over 60,000 MW hours since COD, enough to power over 50,000 Ontario homes for the same period.

### **Community Benefits – Pat Murray (PM)**

- PM - Provided K2 Wind's economic impacts
  - Payroll to full-time and seasonal workers
  - A \$15 million contribution over 20 years to the ACW to support community initiatives
  - The annual Community renewable Energy Benefit payment (\$1500) to non-participating landowners living 1 km from the turbines and substation and who are not already participating in K2 Wind through land lease option agreements.
  - The annual Community Renewable Energy Benefit payment is unique to the K2 Wind Project. The money comes with no ties.

*Public – For how many years will residence received the \$1500 benefit payment?*

- MD & PM – Residence with received the benefit payment for the life of the project which is 20 years.
- PM – Currently assessing timelines for payment.
- PM – Residents do not have to apply; the Project team has contact information of those living within the Benefit area, which is one kilometre from the turbine, meteorological tower or substations.

*Public- Will the benefit payment be provided in August this year (2015) and then the same time each year?*

- GH- Discussions have occurred with the Project team to determine ideal timing of future payments; this will all be communicated with the landowners and adjacent landowners going forward.

*Public – How many participants will receive the benefit payment?*

- PM – Approximately 230 residents are expected to receive the benefit.
- Jennifer Miltenburg – Noted that the first payment of the Community Benefits Fund Agreement between K2 Wind and the Township came in the day prior (July 21, 2015) and was announced in the news today (July 22, 2015).
- PM – Inquired if they had established where the funding will go and advising the public.
- Jennifer Miltenburg - It has been discussed with councilors, and looking into priority of where the money should go. Council is discussing how best

to engage the community and will be seeking input on possible funding areas.

### **General Inquiries**

*Public – When are payments to lease holders expected start?*

- GH – Annual payment information is stated in the lease and tied into the COD date. Should be an annual payment.

*Public – Will the ditches be seeded next month and will they continue to water?*

- GH – indicated that they would be hydro seeded in order to provide the best growth rate success

*Public – Topsoil is being put back into the ditches?*

- GH – Generally, reclamation activities have occurred working from south to north. New equipment has been brought in to shape the ditch, and move and grade soil to ensure water flowing properly.
- RM – Requested that residents contact **One Call** to complete underground utility locates if residents are digging or performing any construction.

*Public – What is happening with the covering of the red lights on turbines?*

- MD - The project team is looking at a number of companies, options and technologies. Among the options considered is a pan cover, but that may not work effectively at blocking light for residents living further away. We are also assessing a radar based system, which would work with air craft flying within 2 km of the turbine, then activating the navigation lights.

*Public – So would the radar be like a motion light?*

- MD – With certain systems, the lights are activated as aircraft approach.
- MD – There are few different options however some are not approved in Canada and so it will take time to determine what will work best and what is approved to be used. The project team wants to ensure the system they select is approved.

*Public – Are you regulated to make this effort in regards to the red lights, or are you doing this to please the residents?*

- MD – We have heard resident concerns about the lights. The project team is working on assessing options reduce the intensity of the lights if possible and still meet the federal regulations around aircraft safety.

*Public- Do you need a light on every turbine?*

- MD – No, not all turbines need a light, provided still meet regulations. The least number of red lights required on turbines were selected.

*Public – What is the current number of red lights planned?*

- MD – There will be 70 red lights. Explained beneficial performance of LED lights, LED do not have subtle on and off performance.

*Public – Have there been bird fatalities?*

- MD – In regards to bird fatalities one (1) crow, on the side of road about 800 m from nearest turbine has been found. Under the REA any birds found have to be recorded and identified. It is unknown if this was a result of a turbine; however, all fatalities are recorded.

*Public – Is there an agency that monitors the birds?*

- MD – Yes, there is a subcontractor that will go out and check for bird and bat fatalities as part of a post-construction monitoring program. There's a full program that sub-contractors must follow regarding this monitoring. For example, they also put birds/bats out to test for searcher efficiency and animal scavenging. This is all factored into the calculations in order to produce accurate mortality rates.
- RM – For accurate indication of mortality rates will also look through crops and see about flattening within 100 m of the turbine and will talk to landowners about mowing down or not cropping in certain areas.
- RM – May be looking for open land to use small portions of crops areas to be removed. Landowners will be contacted, as the Project team determines locations to complete acoustic testing.

*Public – Are the turbines not gated?*

- MD – No gates for the turbines. If there are issues with trespassing individuals can be prosecuted for trespassing.

*Public – Will you put up a fence if there are a number of incidents of people going back onto property and looking at turbine?*

- MD – If there is a problem we will investigate and take the necessary steps.

*Public – Noticed police sitting under turbine, why?*

- GH – During construction of K2 there were several incidents and paid duty officers were engaged and placed in various spots around K1 and K2 to monitor the area.

*Public – If we find people on our land, should we call K2?*

- MD – Landowner should call the police, since those individuals are trespassing on your private property.

*Public – People will be interested in looking at turbines and using the paths to turbines for hiking.*

- MD – Yes, we do expect some interest. We also expect that this will diminish over time.

Public and Project team – had open discussion in regards to observations and tourist visits to the turbines.

### **Committee Feedback/Discussion**

- KW – Are there any further questions?
- KW – Thanked community members for coming and for their time and noted if there any further questions to email to the project.

- MD – Mentioned that business cards of team are available at the front.

**Next Steps – (KW)**

- Additional questions or comments can be sent via email and questions should be answered right away.
- K2 will work with Stantec to finalize meeting minutes, which will be posted on website.
- K2 will follow up as necessary with any questions brought up at the CLC meeting.

The meeting adjourned at 7:45 pm

The foregoing is considered to be a true and accurate record of all items discussed. If any discrepancies or inconsistencies are noted, please contact the writer immediately.

**Stantec Consulting Ltd.**



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