

Kiae Shin's activity

Monday, August 7 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

-  **Kiae S. commented on Europa Challenge Storyboard/Video** 1:44pm
Updated the link
-  **Kiae S. commented on Europa Challenge Storyboard/Video** 1:24pm
Okay!!!!
-  **Kiae S. commented on Europa Challenge Storyboard/Video** 1:22pm
Okay
-  **Kiae S. commented on Europa Challenge Storyboard/Video** 1:18pm
Looks really nice! What should I do with "about us" tab? It's still linked to the uncompleted website.

Friday, August 4 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

-  **Kiae S. commented on Europa Challenge Storyboard/Video** 10:27pm
Just in case of people who wants to see Storyboard in higher resolution, here are prezi files of the storyboard. I will be deleting these files from prezi app on evaluation day so that we can make sure the only way to access the CS storyboard is our website. However, these downloadable presentati...

[CitySmart-WorldWise.zip](#)
44.8 MB

[CitySmart-WorldWise_short.zip](#)
38.9 MB

[CitySmart-WorldWise.exe](#)
44.9 MB

[CitySmart-WorldWise_short.exe](#)
39.3 MB

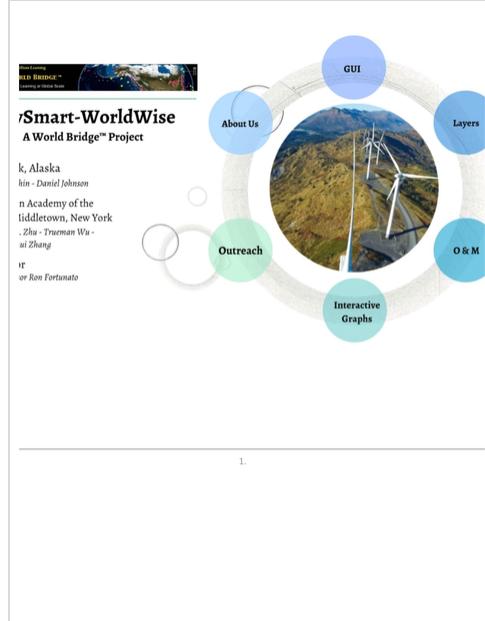
KS

Kiae S. commented on Europa Challenge Storyboard/Video

[Storyboard script.docx][Shorter version for web.pdf] These are final storyboard script and pdf for the website.

9:56pm

Storyboard script.docx
26.8 KB



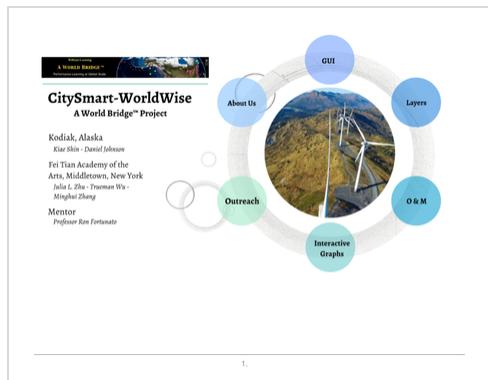
Shorter version for web.pdf

KS

Kiae S. commented on Europa Challenge Storyboard/Video

[Long version for Dropbox.pdf]

5:07pm



Long version for Dropbox.pdf

KS

Kiae S. commented on Europa Challenge Storyboard/Video

12:54pm

Prof. Ron, we received an email from Mr. Patrick "Please provide your website URL that describes your project along with a ~3-minute video showing your fantastic project in action (with a brilliant narrative!)." However, CS evaluation video is 3:31. I wonder if our video's length is appropriate.

KS

Kiae S. commented on Europa Challenge Storyboard/Video

12:19pm

I emailed the script.

Thursday, August 3 2017

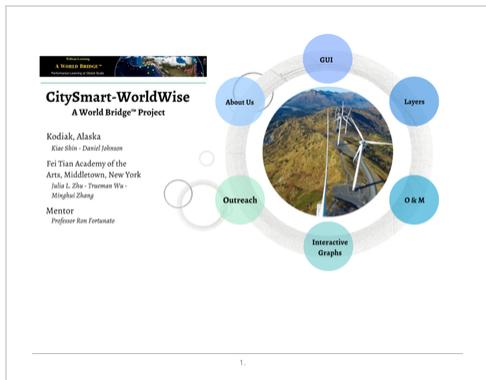
AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS

Kiae S. commented on Europa Challenge Storyboard/Video

11:01pm

This is fixed version of storyboard (for download) please remove extra slides before you publish it Mr. Ron[CS storyboard for download.pdf]



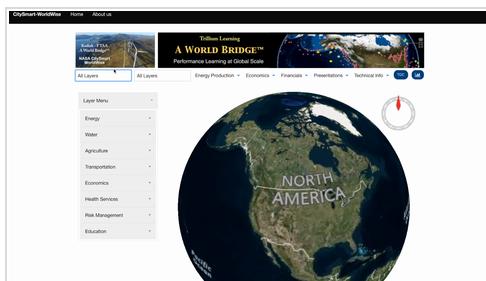
CS storyboard for download.pdf

KS

Kiae S. commented on Europa Challenge Storyboard/Video

10:59pm

[CitySmart-WorldWise_EvaluationVideo.mp4]This is the CitySmart-WorldWise's evaluation video.



CitySmart-WorldWise_EvaluationVideo.mp4

KS

Kiae S. commented on Europa Challenge Storyboard/Video

8:32am

Thank you for the feedbacks! By the way, I will also add the data workflow slide that FTAA provided.

KS

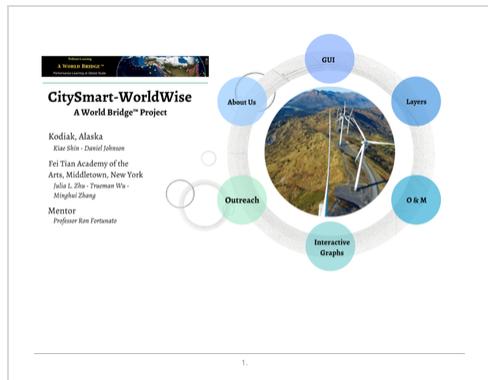
Kiae S. commented on Europa Challenge Storyboard/Video

12:18am

These are storyboard for the website. These should be linked as downloadable files, too. We will finish recording the app demo video by tomorrow night. Mac version: [Storyboard of CS.zip] Window version: [Storyboard of CS.exe] PDF: [Storyboard for CS.pdf]

Storyboard of CS.zip
44.1 MB

Storyboard of CS.exe
44.5 MB



Storyboard for CS.pdf

Wednesday, August 2 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS

Kiae S. commented on Europa Challenge Storyboard/Video

4:38pm

Prof. Ron, do you have time to Skype today?

KS

Kiae S. commented on Detail Water Experiment Page

9:17am

Okay thanks

KS

Kiae S. commented on Detail Water Experiment Page

9:00am

Sounds great!!

KS

Kiae S. commented on Detail Water Experiment Page

8:57am

Thank you for working on this, but I already recorded video of the graphs part. I'll redo it, but I hope this will be the last change.

Tuesday, August 1 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS

Kiae S. commented on Detail Water Experiment Page

12:18pm

Fixed it

KS

Kiae S. commented on Detail Water Experiment Page

9:50am

Can you link the server version

Monday, July 31 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS

Kiae S. added a new file called FTAA.png

6:59pm



KS

Kiae S. commented on Detail Water Experiment Page

1:11pm

Okay, thank you!

KS

Kiae S. commented on Detail Water Experiment Page

12:59pm

Last question, FTAA graph pages will be these two (water experiment and energy budget), right? No more new pages?

KS

Kiae S. commented on Detail Water Experiment Page

12:57pm

Got it

KS

Kiae S. commented on Detail Water Experiment Page

12:55pm

I'll do that. That's for the water experiment page, right?

2 people were chatting around the Project Blog Campfire

12:08pm

KS



KS

Kiae S. commented on Europa Challenge Storyboard/Video

1:56am

This is the storyboard so far and I tried to keep it as simple as I can. There are some red text parts that needs Prof. Ron and Daniel's help. Thank you! [Script for EV.docx]

Script for EV.docx
113 KB

Sunday, July 30 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS

Kiae S. commented on Detail Water Experiment Page

7:18pm

Okay, I will change water experiment and energy budget graphs to that format.

Saturday, July 29 2017

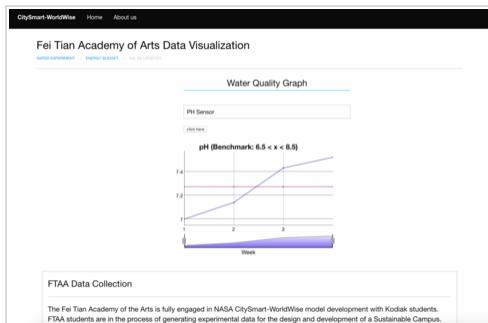
AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS

Kiae S. commented on Detail Water Experiment Page

3:52pm

Mr. Anson- this scroll bar? or the roll box that covers the graph? I can't move it underneath to x axis as I mentioned before.[Screen Shot 2017-07-29 at 3.53.19 PM.png]



Screen Shot 2017-07-29 at 3.53.19 PM.png

KS

Kiae S. commented on Detail Water Experiment Page

12:06am

Links are same

http://cs.aworldbridgelabs.com/CitySmart/GraphPageFTAA_EnergyBudget.htm
[I http://cs.aworldbridgelabs.com/CitySmart/GraphPageFTAA_WaterExp.html](http://cs.aworldbridgelabs.com/CitySmart/GraphPageFTAA_WaterExp.html)

Friday, July 28 2017

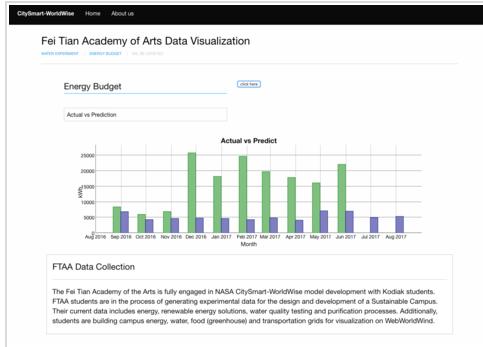
AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS

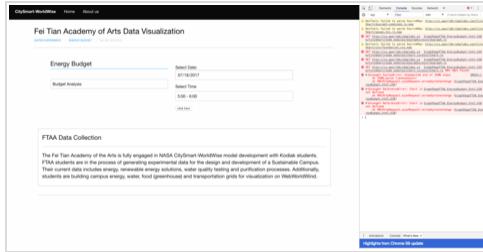
Kiae S. commented on Detail Water Experiment Page

11:56pm

Update: • I could not move the white box, so just got rid of it since it was blocking x axis.[Screen Shot 2017-07-28 at 11.42.15 PM.png] • Budget analysis graph has problem. I wonder if the code on Truemens branch is the latest. If not, please please update it, even though just javascript part...



Screen Shot 2017-07-28 at 11.42.15 PM.png



Screen Shot 2017-07-28 at 11.47.19 PM.png

KS

Kiae S. commented on Detail Water Experiment Page

5:43pm

Of course, thank you.

KS

Kiae S. commented on Detail Water Experiment Page

12:17pm

This is your code that I used for energy budget and no name is assigned for 3rd report. When you make changes, please upload it to github.[Screen Shot 2017-07-28 at 12.16.44 PM.png]

```
Branch: Truemens - AWORLDBridge_CitySmart / CitySmart / Energy_Budget.html
File: Energy_Budget.html
Last commit: 1 day ago
1 <!DOCTYPE html>
2 <html lang="en">
3 <head>
4   <meta charset="UTF-8">
5   <title>Energy Budget</title>
6 </head>
7 <body>
8   <div>
9     <h1>Actual vs Predict</h1>
10    <div>
11      <div>
12        <h2>Actual</h2>
13        <div>
14          <p>Actual</p>
15          <p>Predict</p>
16        </div>
17      </div>
18      <div>
19        <h2>Predict</h2>
20        <div>
21          <p>Predict</p>
22          <p>Actual</p>
23        </div>
24      </div>
25    </div>
26    <div>
27      <h3>Report</h3>
28      <div>
29        <div>
30          <h4>Date</h4>
31          <input type="date" id="date" value="2017-07-28T00:00:00Z" />
32        </div>
33        <div>
34          <h4>Time</h4>
35          <input type="time" id="time" value="00:00:00Z" />
36        </div>
37      </div>
38    </div>
39  </div>
40 </div>
```

Screen Shot 2017-07-28 at 12.16.44 PM.png

KS

Kiae S. commented on Detail Water Experiment Page

11:45am

Okay, but what is the name of third report? I can't find it. Also, I see three option values named null in energy budget page, is that what you mean?

KS**Kiae S. commented on Detail Water Experiment Page**

11:31am

Mr. Anson and Trueman, I just talked with Prof. Ron and I have some questions. I was wondering how many graph pages will be available by Monday, also documents for O&M page. Please don't worry about dygraphs box problem, I will be looking more into that, but please let me know the features you c...

KS**Kiae S. commented on Europa Challenge Storyboard/Video**

1:28am

This is Kodiak-FTAA CitySmart evaluation video's visual part. Lot of them are placeholder pictures, because we have not completed developing the application.

- Layers - more layers will be added
- O&M - FTAA's files will be added
- KHS graph page - needs to be live
- FTAA graph page - I have to ...

Thursday, July 27 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS**Kiae S. commented on Reformat Graph and Add Description for Each Graph**

5:56pm

Julia, you can just type in the text as a text, but it will appear as a space.

KS**Kiae S. commented on Reformat Graph and Add Description for Each Graph**

5:45pm

Hey Julia, this sounds very weird but you could type bunch of " " which is space in html.

KS**Kiae S. commented on Detail Water Experiment Page**

2:13pm

Mr. Anson, for "3) For the graph report, there is a week option input box at the bottom of the graph. Can you move it on the top of the graph or underneath to "Week"? It is covering the x axis now." this, we had same problem on KHS live wind turbine graph. I assume it is dygraph's default form...

KS**Kiae S. commented on Detail Water Experiment Page**

2:00pm

http://cs.aworldbridgelabs.com/CitySmart/GraphPageFTAA_EnergyBudget.htm
[I http://cs.aworldbridgelabs.com/CitySmart/GraphPageFTAA_WaterExp.html](http://cs.aworldbridgelabs.com/CitySmart/GraphPageFTAA_WaterExp.html)
Update: new pages are now up and running on the server, but still need to adjust elements.

KS**On App Development, Kiae S. checked off:**

1:15am

- Interface upgrade/fix
- KEA Graphs' Page

KS**Kiae S. commented on Detail Water Experiment Page**

12:57am

I added some descriptions to the GraphPageFTAA.html and pushed it to the server.

Wednesday, July 26 2017AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS**Kiae S. commented on Detail Water Experiment Page**

1:11pm

Looks great! I will change title and add relocate selection box and this page will be linked from intro graph page. It would be nice if you could get rid of the white box on the bottom of the graph. Thank you!

Tuesday, July 25 2017AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS**Kiae S. commented on Detail Water Experiment Page**

7:52pm

Trueman- I adjusted your code a little bit and made GraphPageFTAA.html and graphsFTAAdat.js Can you work on these files instead so I can see your changes? They are all committed to the github.

KS**Kiae S. commented on Detail Water Experiment Page**

8:20am

Thank you, Mr. Anson. I will work on this code today and make new page.

Monday, July 24 2017AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS**Kiae S. commented on Detail Water Experiment Page**

3:23pm

Hey Trueman, could you leave me the link to node_modules/dygraphs/dist/dygraph.jsthis code?

Saturday, July 22 2017AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS**Kiae S. added a new file called Kiae Shin July 21, 2017.docx**

2:57pm

Thursday, July 20 2017

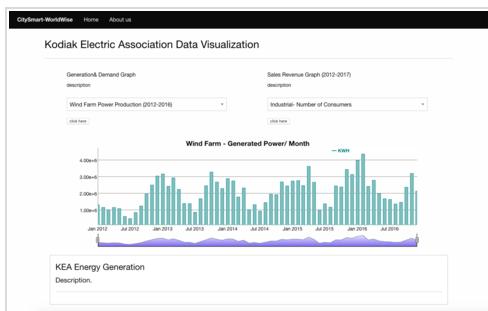
AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS Kiae S. commented on KEA Graphs' Page

11:53pm

Update:

<http://cs.aworldbridgelabs.com/CitySmart/GraphPageKEA.html>[Screen Shot 2017-07-20 at 11.53.19 PM.png]



Screen Shot 2017-07-20 at 11.53.19 PM.png

KS Kiae S. commented on KEA Graphs' Page

12:04pm

I tried to make it diagonal, but it did not work. I'll go back to handles method as khs wind turbine graphs.

Wednesday, July 19 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS Kiae S. commented on Interface upgrade/fix

10:07pm

Fixed it <http://cs.aworldbridgelabs.com/CitySmart/TableofContentsRe-Framed.html>

KS Kiae S. commented on KEA Graphs' Page

10:05pm

The function works very well on my computer. Were you having problems when you click-dragged the graph?

Tuesday, July 18 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

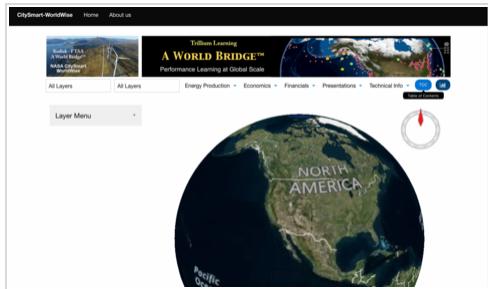
KS

Kiae S. commented on Interface upgrade/fix

10:30pm

http://cs.aworldbridgelabs.com/CitySmart/CitySmart-WorldWise_0.1.html

Tooltip function has been added to TOC and Graph button.[Screen Shot 2017-07-18 at 10.30.26 PM.png]



Screen Shot 2017-07-18 at 10.30.26 PM.png

KS

Kiae S. commented on KEA Graphs' Page

10:27pm

http://cs.aworldbridgelabs.com/CitySmart/GraphPageKEA_0.1.html Demand and Production graphs are added. I changed the main options from three(Wind, Hydro, Trend) to two (Demand/Production, Sales Revenue).**Monday, July 17 2017**

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

2 people were chatting around the Project Blog Campfire

4:01am

**Saturday, July 15 2017**

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

2 people were chatting around the Project Blog Campfire

3:22pm



KS

Kiae S. commented on Adding Layers to the new menu structure

12:41pm

United States, New York, Education, UNESCO WHS, App, unesco_whs United States, New York, Education, A World Bridge, Website, a_world_bridge United States, Alaska, Education, A World Bridge, Website, a_world_bridge

KS

Kiae S. commented on Adding Layers to the new menu structure

12:26pm

United States, Kodiak, Risk Management, Earthquake Signal Precursors, ESP,
 ESP
<http://esp.trilliumlearning.com/>

KS

Kiae S. added a new file called Kiae Shin July 14, 2017.docx

1:12am

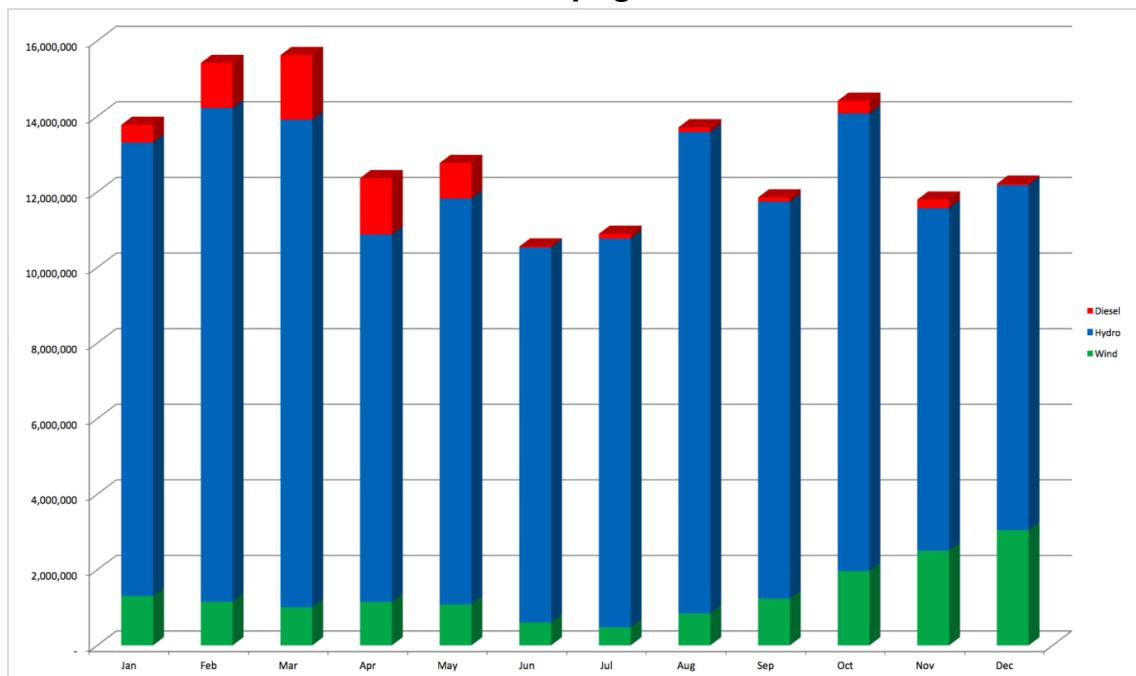
Friday, July 14 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS

Kiae S. added a new file called 2012.png

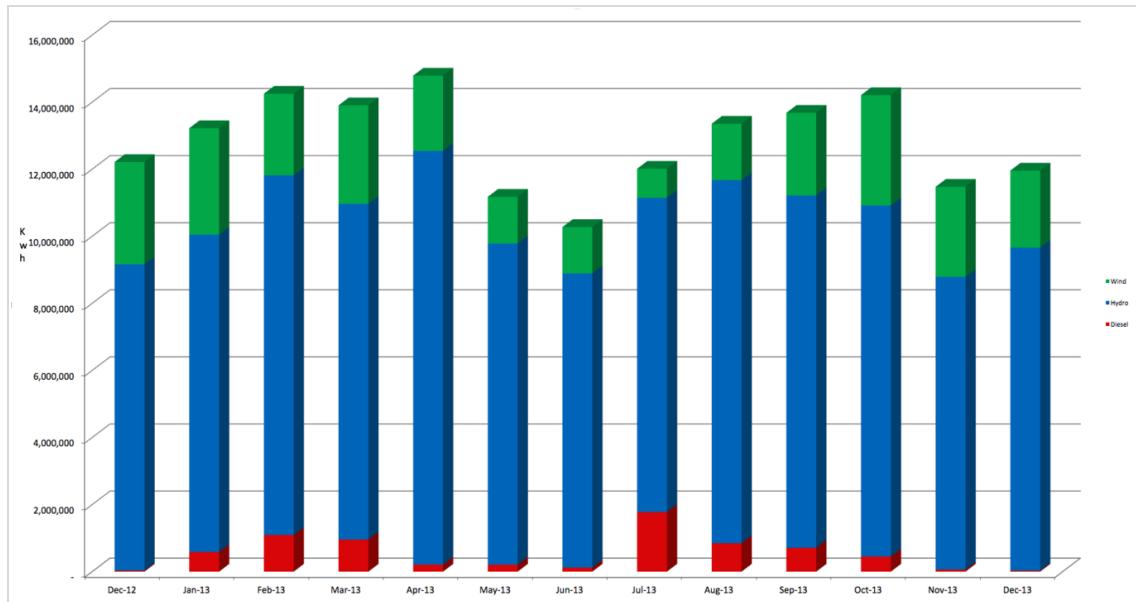
9:02pm



KS

Kiae S. added a new file called 2013.png

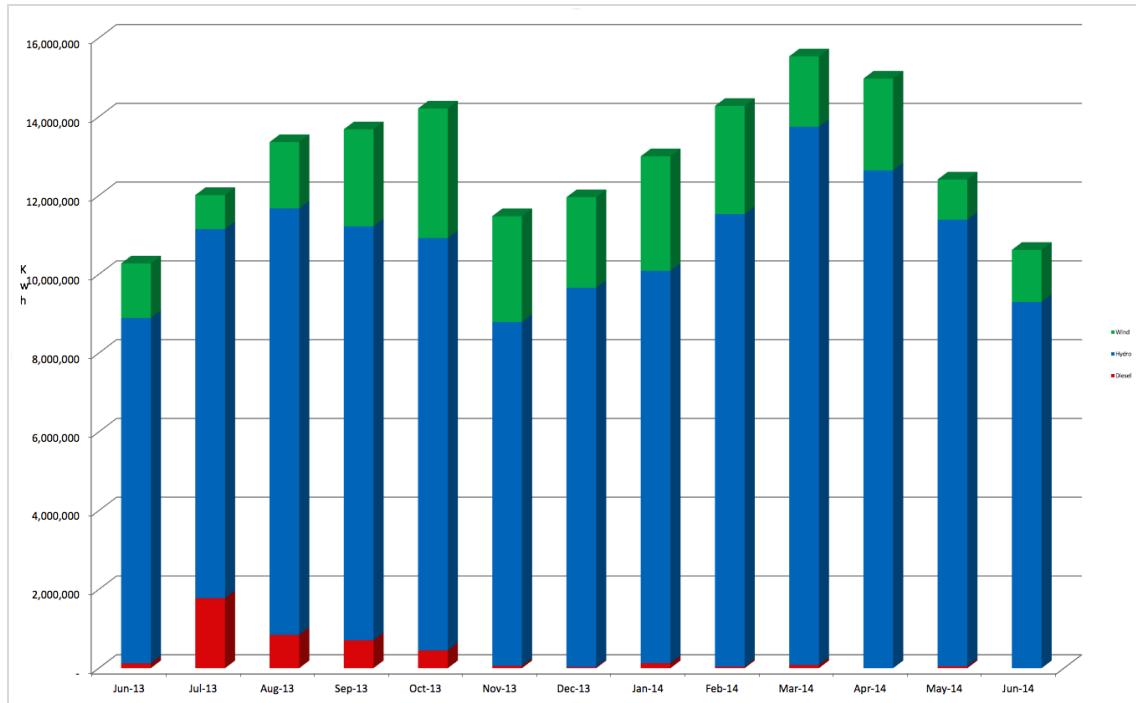
8:52pm



KS

Kiae S. added a new file called 2014.png

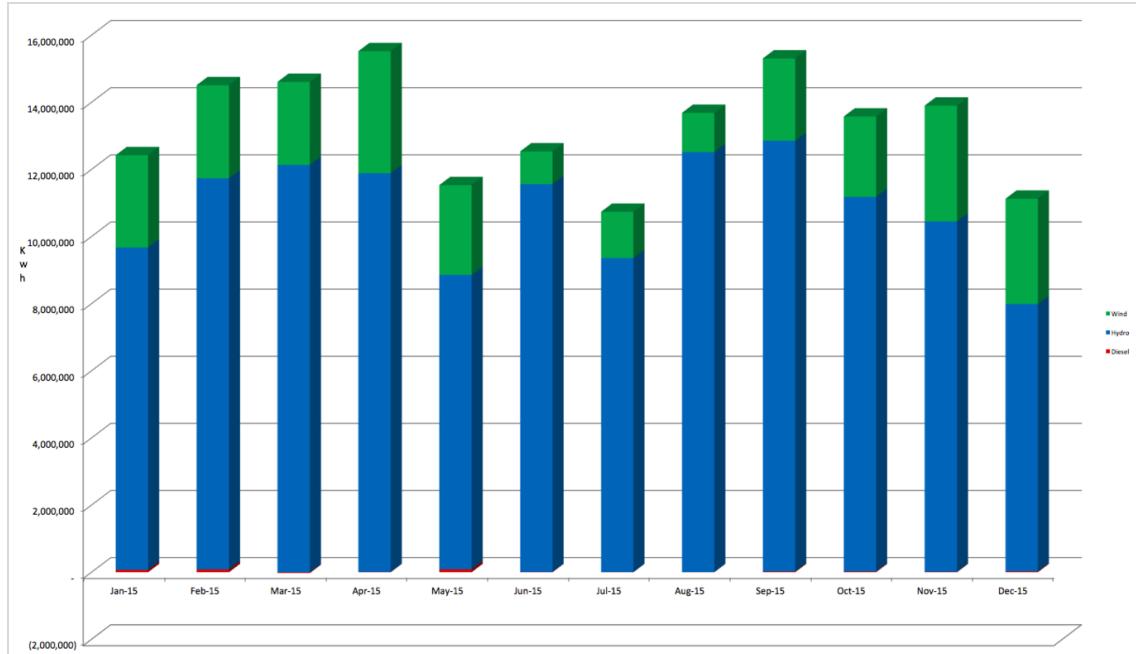
8:52pm



KS

Kiae S. added a new file called 2015.png

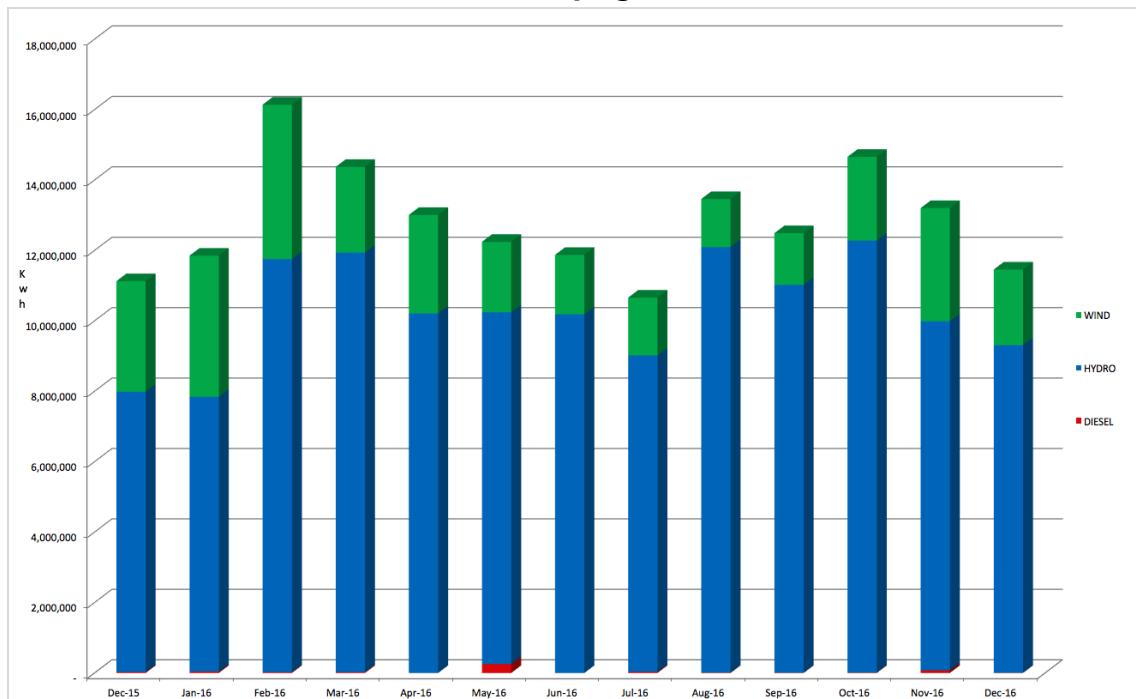
8:52pm



KS

Kiae S. added a new file called 2016.png

8:52pm



KS

Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development

10:03am

Wind turbine and hydroelectric data are not available yet, but will be uploaded to the server soon.

KS

Kiae S. commented on KEA Graphs' Page

10:01am

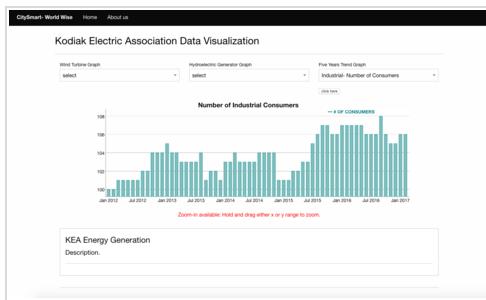
I can make same function as previous, but this way you can zoom both x and y direction. I will add return button! I was still working on that. Also, the red script needs to be fixed.

KS

Kiae S. commented on KEA Graphs' Page

12:40am

<http://cs.aworldbridgelabs.com/CitySmart/GraphPageKEA.html> Now all KEA revenue, sales, and # of consumer graphs are available. You can select one from the options, click "click here" to activate selected graph.[Screen Shot 2017-07-14 at 12.40.14 AM.png]



Screen Shot 2017-07-14 at 12.40.14 AM.png

Thursday, July 13 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS

Kiae S. commented on Create Multiple Placemarks in Layers: FTAA

3:55pm

That looks really nice, Julia! I will add your codes to the main CitySmart.

KS

Kiae S. commented on Create Test Placemark

8:00am

Mr. Anson, Thank you for your help. I will start using webstorm for this part because usually I was using different software.

KS

Kiae S. commented on Create Test Placemark

7:45am

Mr. Anson- I could not find the way to do it, so I downloaded backup CitySmart and uploaded couple files that I've been working on. I would like to ask this part during Skype today. The "changes" that I mentioned was about vertical and horizontal navigation bar (adding water-experiment-ftaa, e...

KS

On App Development, Kiae S. checked off:

12:49am

Mobile Version

KS

Kiae S. commented on Interface upgrade/fix

12:49am

This is the page that Daniel is working on.

<http://cs.aworldbridgelabs.com/CitySmart/CitySmartFrameTestRe-Framed.html>

12:46am

Kiae S. commented on Interface upgrade/fix

These are upgraded version of previous pages.

<http://cs.aworldbridgelabs.com/CitySmart/GraphPageKEA.html>

<http://cs.aworldbridgelabs.com/CitySmart/CitySmartRe-Framed.html>

<http://cs.aworldbridgelabs.com/CitySmart/TableofContentsRe-Framed.html>

<http://cs.aworldbridgelabs.com/CitySmart/GraphPageRe...>

12:44am

Kiae S. commented on KEA Graphs' Page

<http://cs.aworldbridgelabs.com/CitySmart/GraphPageKEA.html> So far, only one graph is available.

12:34am

Kiae S. commented on Create Test Placemark

The changes show up on

<http://cs.aworldbridgelabs.com/CitySmart/CitySmartRe-Framed.html>

Wednesday, July 12 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

5:51pm

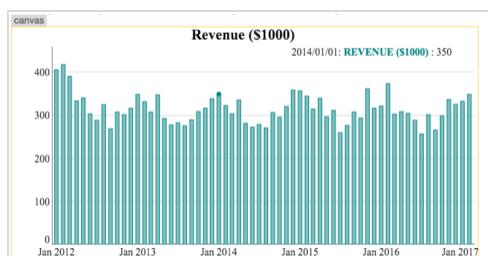
Kiae S. commented on KEA Graphs' Page

Okay, got it! Should I make its range zoomed like the line graph or leave it from zero to max?

5:45pm

Kiae S. commented on KEA Graphs' Page

This is how bar graph looks like with 5 years worth data.[Screen Shot 2017-07-12 at 5.45.45 PM.png]



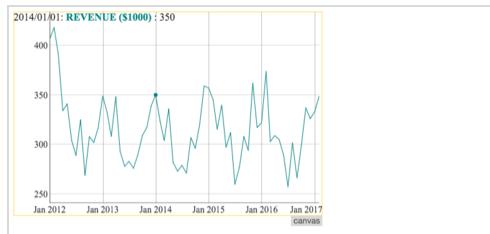
Screen Shot 2017-07-12 at 5.48.15 PM.png

KS

Kiae S. commented on KEA Graphs' Page

4:31pm

I just finished making 9 csv files from one big excel file. This is test graph of revenue over time. I can keep the graph this way, or make it bar graph. Do you have any suggestions? [Screen Shot 2017-07-12 at 4.31.25 PM.png]



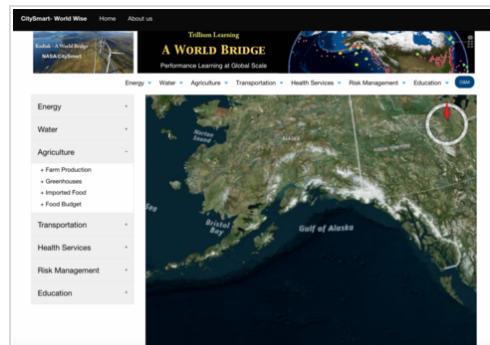
Screen Shot 2017-07-12 at 4.31.25 PM.png

KS

Kiae S. commented on Interface upgrade/fix

3:29pm

Where should I add BVGC switch? btw, those + menu lists will be small accordions. [Screen Shot 2017-07-12 at 3.29.30 PM.png]



Screen Shot 2017-07-12 at 3.29.30 PM.png

KS

Kiae S. commented on Create Test Placemark

3:19pm

Thank you, Mr. Anson! That helped me a lot.

KS

Kiae S. commented on Create Test Placemark

10:43am

I uploaded my files to the GitHub -master branch. I would have to upload files directly to the server later. You've mentioned that Github is connected to the server, could you explain how that works? Because I don't want to mess up by uploading files in wrong way.

KS

Kiae S. added a new document called June 23, 2017

12:02am

I spent entire week (18-24) at SkillsUSA Championships in Louisville, Kentucky. I have competed well in architectural drafting. Sorry that I didn't make good progress, the competition and all events were fully scheduled every day. It was amazing experience, I was able to learn lots from professi...

Tuesday, July 11 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

**Kiae S. added a new file called Kiae Shin July 7, 2017.docx**

11:53pm

**Kiae S. added a new file called Kiae Shin June 30, 2017.docx**

11:53pm

**Kiae S. commented on Create Test Placemark**

7:20pm

Update: Energy > Energy Budget > FTAA-NY and Water > Experiments > FTAA-NY are added to both vertical and horizontal lists. Also, changed a little bit of accordion size since they were too big.

**Kiae S. commented on Create Test Placemark**

6:12pm

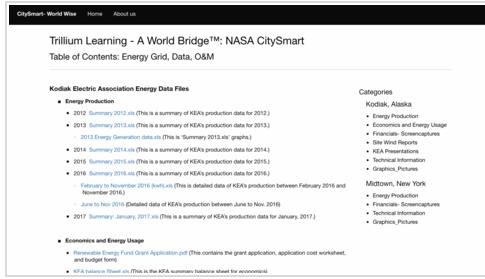
Hey Julia, I can always add new list/ switch just tell me what you need, because I'm using different program. New changes will be appear to the CitySmartRe-Framed.html (you can see this file either master or my branch), and you can copy the specific part that needs to be added!

KS

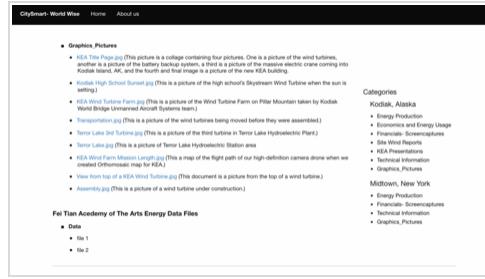
Kiae S. commented on Interface upgrade/fix

12:22pm

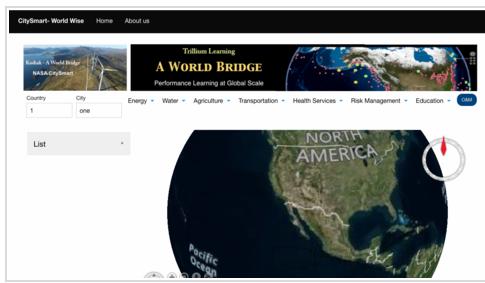
Yesterday, I made some changes on the top bar. It is sticky top bar now, which means top bar will never disappear when user scrolls down the page. I added New York files placeholder under the categories of the O&M . Categories box is sticky, too. [Screen Shot 2017-07-11 at 12.18.02 PM.png][Scree...



Screen Shot 2017-07-11 at 12.18.02 PM.png



Screen Shot 2017-07-11 at 12.18.16 PM.png



Screen Shot 2017-07-11 at 12.18.47 PM.png

KS

Kiae S. commented on Pop-Up Box: Update Design

10:34am

Thank you, Julia!! It looks really nice

Saturday, July 8 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

3 people were chatting around the Project Blog Campfire

1:18pm



KS

Kiae S. commented on Layers for WWW Mapping

9:44am

Mr.Anson- 24.237.235.227:8080/geoserver this is the link to the Kodiak Geoserver. I will send email with login information. Mr.Ron- copy that. We will be adding files as soon as we get new address to the geoserver.

Thursday, July 6 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS

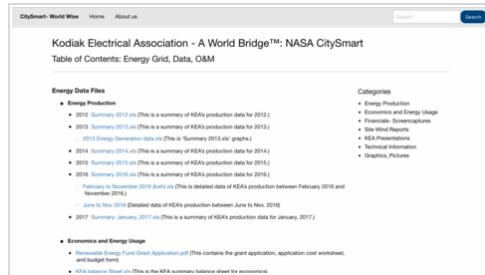
Kiae S. commented on Interface upgrade/fix

12:07pm

These are new version of graph page and O&M page. I fixed some structure (still working on), and replaced top-bar instead of the banners. These are completely different file, so we still have the original version. All of the new files are on GitHub with [nameRe-Framed.html][Screen Shot 2017-07-06...]



Screen Shot 2017-07-06 at 12.01.56 PM.png



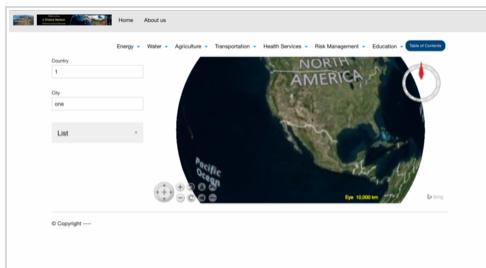
Screen Shot 2017-07-06 at 12.02.04 PM.png

KS

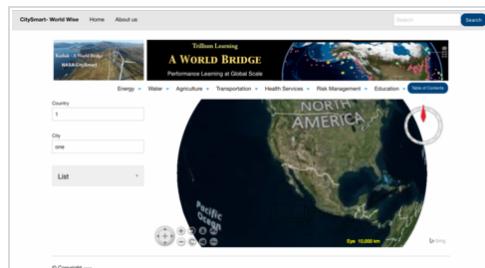
Kiae S. commented on Interface upgrade/fix

12:00pm

This is the testing file for simpler GUI format. We are building country and city selection to call specific accordion menu to minimize the list of layers. Also, this will help us in the future to add new partners from different country or city. [Screen Shot 2017-07-06 at 11.59.29 AM.png][Screen ...]



Screen Shot 2017-07-06 at 11.59.29 AM.png



Screen Shot 2017-07-06 at 11.41.19 AM.png

KS

Kiae S. commented on Coding Updates

11:38am

I am not working on mobile version- mostly working on updating GUI with Daniel. I uploaded new GUI frame html files that has better structure and no more frame errors. I will upload some screen shot under the to do lists.

Wednesday, July 5 2017**AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart**

KS

Kiae S. commented on Transfer scripts and Kodiak CitySmart files to AWWorldBridgeLabs server

6:09pm

Can we do it on Saturday 2 p.m. akt instead??

KS **Kiae S. commented on Transfer scripts and Kodiak CitySmart files to AWorldBridgeLabs server** 1:53pm
I will clean up rest of the jpg and etc files that we don't use.

Saturday, July 1 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS **On App Development, Kiae S. added** 11:56pm
 Interface upgrade/fix **KS** Kiae S.  Daniel J.

Friday, June 30 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS **Kiae S. commented on Mobile Version** 9:50am
+ I will upgrade the app! I didn't know the version 3 was up. Thank you

KS **Kiae S. commented on Mobile Version** 9:49am
Since we didn't complete the app, it seems hard to take clip video of the interface. Can I restart the story board a week or two later?

KS **Kiae S. commented on Mobile Version** 12:01am
View port size https://developer.mozilla.org/en-US/docs/Mozilla/Mobile/Viewport_meta_tag
<http://www.allenpike.com/2010/choosing-a-viewport-for-ipad-sites/> <https://css-tricks.com/snippets/html/responsive-meta-tag/>
https://www.w3schools.com/css/css_rwd_viewport.asp

Wednesday, June 28 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS **Kiae S. commented on Mobile Version** 6:07pm
font size for mobile <http://typecast.com/blog/a-more-modern-scale-for-web-typography>

Tuesday, June 27 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS Kiae S. commented on Mobile Version 9:15pm
mobile px size chart <https://mydevice.io/devices/> px em converter
<http://pxtoem.com/>

KS Kiae S. commented on Mobile Version 4:12pm
<https://pinegrow.com/docs/styling/responsive.html>

Friday, June 23 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS Kiae S. commented on Install Influx DB on AWorldBridgeLabs server 9:18am
Yes, that sounds good to me

Friday, June 16 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS Kiae S. commented on Create Storyboard for Kodiak-FTAA CitySmart 1:10pm
NASA Europa
[Video08.pptx]Please take a look at notes, too.

Video08.pptx
253 MB

Sunday, June 11 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

KS Kiae S. commented on Install Influx DB on AWorldBridgeLabs server 7:54pm
I emailed server login info via email last week. Did you get that mail? I think that will let you access to the influx.

KS Kiae S. commented on Install Influx DB on AWorldBridgeLabs server 7:11pm
Hello Mr. Anson, ip address for influxDB/ Chronograph is
<http://24.237.235.227:10000/> (<http://24.237.235.227:10000/settings/servers?>),
and it is open server. Thank you for the updates!

Friday, June 9 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

- KS Kiae S. commented on Transfer scripts and ESP files to AWorldBridgeLabs server** 1:29pm
<https://github.com/TrilliumLearning/WWESP> Mr. Ron, since we didn't change anything since last summer, this page has complete codes that we need to move, right?
- KS On App Development, Kiae S. added** 1:21pm
- Mobile Version **KS Kiae S.**
 - Data Download Page **KS Kiae S.**
 - KEA Graphs' Page **KS Kiae S.**

Sunday, June 4 2017

AWB International GeoSpatial Lab-Kodiak-Northern Academy CitySmart

- KS Kiae S. reposted a file from cole s. Jan-Feb 2016 Sales Data.xlsx** 11:11pm

KS

Kiae S. reposted a file from cole s. SUMM17.pdf

11:11pm

KEA POWER PRODUCTION SUMMARY REPORT 2017														
	JAN	FEB	MAR	APR	MAY	JUN	JULY	AUG	KWH	SEP	OCT	NOV	DEC	TOT MWH
TL#1	3,051,000	5,248,000												8,339,0
TL#2	3,756,000	5,340,000												9,097,0
TL#3	3,639,000													9,864,0
GROSS	11,445,000	15,815,000												26,993,0
SG#1	115,100	152,400												210,7
SG#2														
TOT SS	115,100	153,400												216,7
NET	10,329,900	12,661,400												26,441,3
WTF #4	402,504	380,583												783,6
WTF #5	395,226	374,244												771,3
WTF #6	400,440	377,294												777,7
WTF #1	10,706													10,8
WTF #2	391,460	383,593												774,5
WTF #3	388,164	374,544												756,8
GROS 5	1,261,726	1,881,463												3,933,2
WTF SS	13,808	14,816												28,5
NET	1,008,120	1,666,544												3,894,7
SOLAR PANEL	E-41	14,45												0,0
BESS (Rev)	917	87												0,4
BESS SS (Rev)	23,352	22,724												45,1
NET	(23,039)	(22,857)												(45,7)
FESS (Fec)	3,318	3,013												0,3
FESS (Dfec)	16,000	15,689												31,7
FESS 1 (Fec)	3,165	2,847												4,2
FESS 2 (Fec)	15,709	15,452												31,4
FESS SS	40	40												0,5
FESS-HVAC SS	3,262	3,021												7,2
NET	(29,961)	(29,336)												(57,4)
			Kodak	Diesel	Plant	KWH								
KOD#1			14,493											14,4
KOD#2	33,800													33,8
KOD#3	19,200	4,800												24,0
KOD#4	120,000													120,0
GROS 5	52,800	139,203												192,0
			Swampy	Diesel	Plant	KWH								
SWA CAT#1	6,570													6,5
SWA CAT#2	10,335													10,3
SWA CAT#3	9,027	6,495												16,4
GROS 5	26,850	6,495												33,3
SS KDD	116,400	117,603												234,0
SS HVA	11,890	12,599												24,5
TOT SS	120,250	130,203												259,5
NET	(48,800)	15,495												(33,1)
			Port	Liane	Diesel	Plant	KWH	KWH						
PL#1	-	-												-
PL#2	-	-												-
PL#3	-	-												-
PL SS	6,940	16,893												23,9
NET	(6,940)	(16,893)												(23,9)
			Coast	Guard	Diesel	Plant	KWH	KWH						
NM#1	19,200													19,2
NM#2	18,000	1,000												18,0
GROS 5	34,200	1,693												35,2
NM#1 SS	26,800	55,293												81,6
NM#2 SS	21,624	10,432												39,5
NET	(13,024)	(72,632)												(85,3)
 DIESEL	113,850	146,895												289,5
GROS 5	13,117,404	17,49,216												30,995,8
TOT SS	366,704	497,214												787,1
NET	12,747,040	17,491,884												30,192,9
			PEAK GROSS GENERATION (MM)											
TL	24,38	27,40	0	6	8	6	0	6	0	6	6	0	27,43	
DATE	22-Jan-17	21-Feb-17	D-Jan-00	0-Jan-00	21-Feb-17									
TIME	17:42:22	8:03:21	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	8:03:21	
KOD	4,56	5,6	0,0	2,0	0,0	2,0	0,0	2,0	0,0	2,0	2,0	0,0	5,6	
DATE	24-Jan-17	22-Feb-17	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	22-Feb-17	
TIME	15:31:24	15:48:22	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	15:48:22	
SYSTEM	35,83	27,96											27,96	
DATE	26-Jan-17	20-Feb-17											20-Feb-17	
TIME	17:39:00	19:11:20											19:11:20	

KS

Kiae S. reposted a file from Teyo D. Size specifications industrial wind turbines .docx

11:11pm

KS

Kiae S. reposted a file from Teyo D. GEA14954C15-MW-Broch.pdf

11:11pm

GE Energy

1.5 MW
Wind Turbine



imagination at work

a product of
ecomagination

KS

Kiae S. reposted a file from Ron F. KEA Web Docs.zip

11:11pm

KS

Kiae S. reposted a file from cole s. Citysmart company info request done.docx

11:11pm

-  **Kiae S. reposted a file from cole s. KEA data request, NASA CitySmart (copy 2).docx** 11:11pm
-  **Kiae S. reposted a file from cole s. kodiak World Bridge KEA data request (CitySmart).docx** 11:11pm
-  **Kiae S. reposted a file from cole s. form for citysmart individual company scources data signature (thingy).docx** 11:11pm

KS

Kiae S. reposted a file from cole s. Kodiak Site 2 Wind Report 3-16-07.pdf 11:10pm**Kodiak, Alaska Site 2 Wind Resource Report**

Report written by: Douglas Vaught, P.E., V3 Energy LLC, Eagle River, AK
Date of report: March 16, 2007

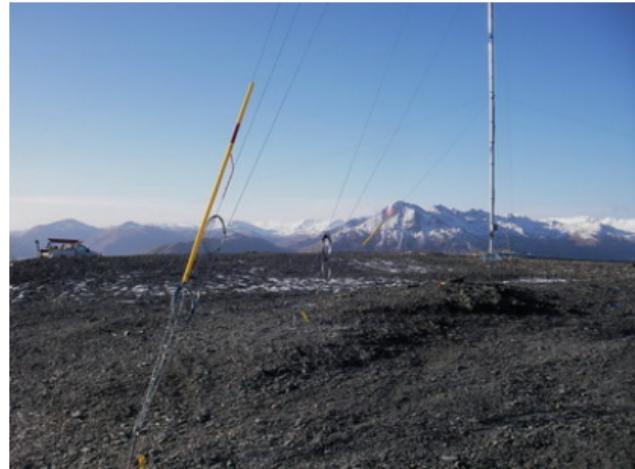


Photo by Doug Vaught, V3 Energy LLC

***Summary Information***

Pillar Mountain has superb potential for wind power development with a Class 7 rating, very low wind shear, seasonally directional winds, and low turbulence. A significant construction advantage of this site is that the underlying ground is mostly solid rock.

V3 Energy LLC

1 of 24

KS

Kiae S. reposted a file from Teyo D. KEA Title Page.tiff

11:10pm

KS

Kiae S. reposted a file from Teyo D. KEA Title Page.jpg

11:10pm



KS

Kiae S. reposted a file from Teyo D. Wind Farm.jpg

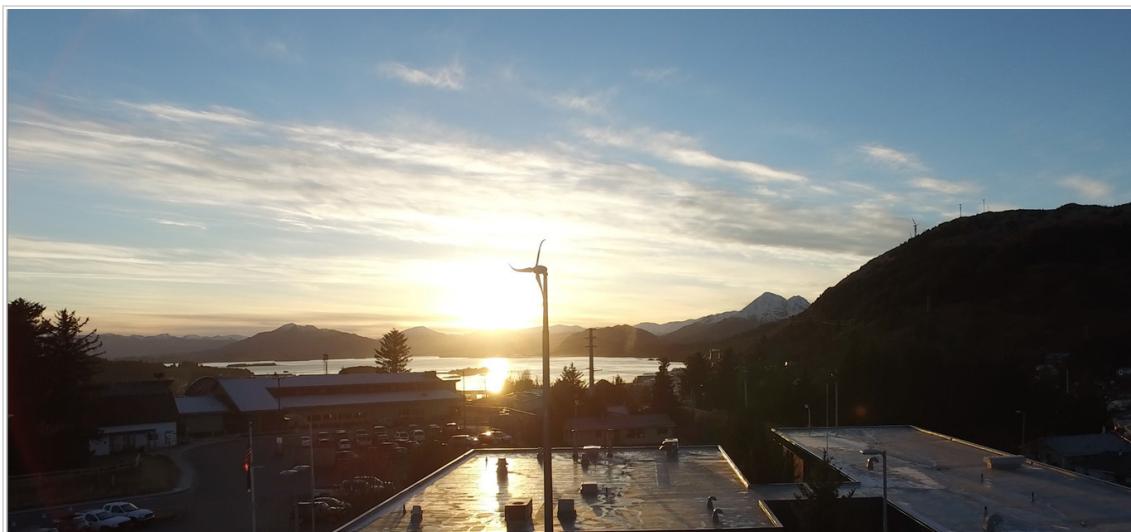
11:10pm



KS

Kiae S. reposted a file from Teyo D. Kodiak High school Turbine Sunset.jpg

11:10pm



KS

Kiae S. reposted a file from Teyo D. Transportation.tiff

11:10pm

KS

Kiae S. reposted a file from Teyo D. Transportation.jpg

11:10pm



KS

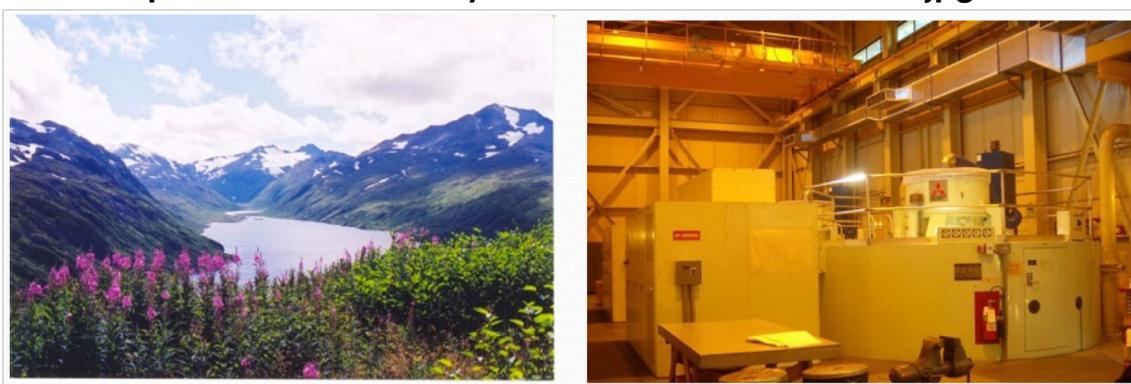
Kiae S. reposted a file from Teyo D. Terror Lake 3rd Turbine.tiff

11:10pm

KS

Kiae S. reposted a file from Teyo D. Terror Lake 3rd Turbine.jpg

11:10pm



KS

Kiae S. reposted a file from Teyo D. Terror Lake.tiff

11:10pm

KS

Kiae S. reposted a file from Teyo D. TerrorLake.jpg

11:10pm

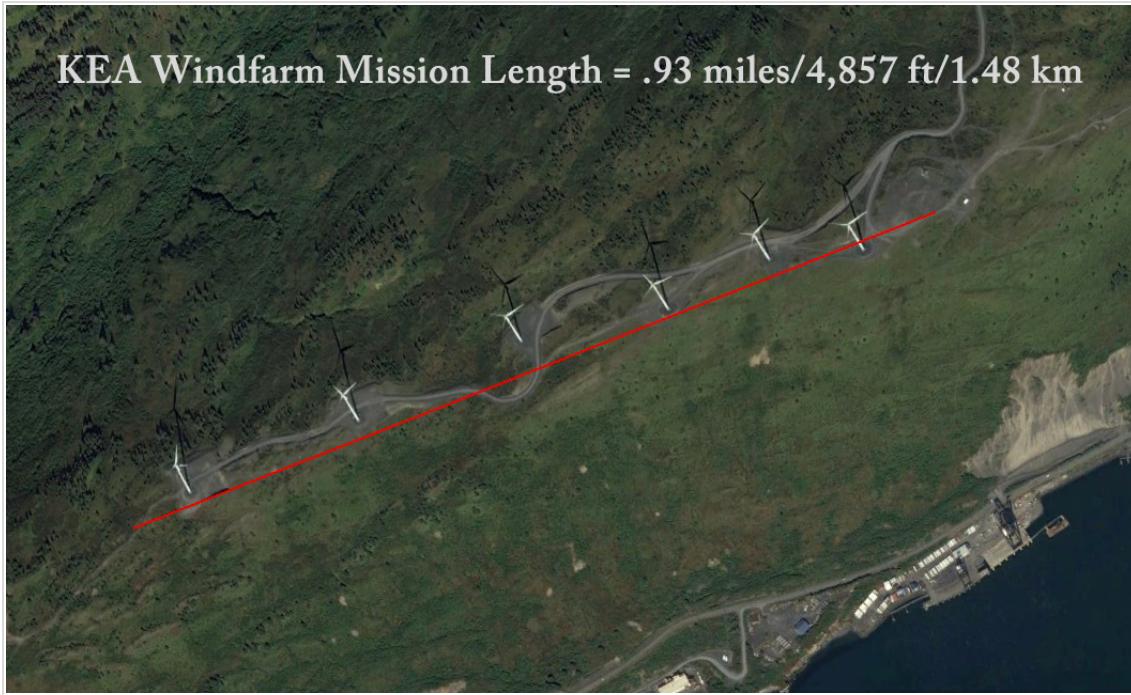


KS

Kiae S. reposted a file from Teyo D. KEA Windfarm Mission Length.psd

11:10pm

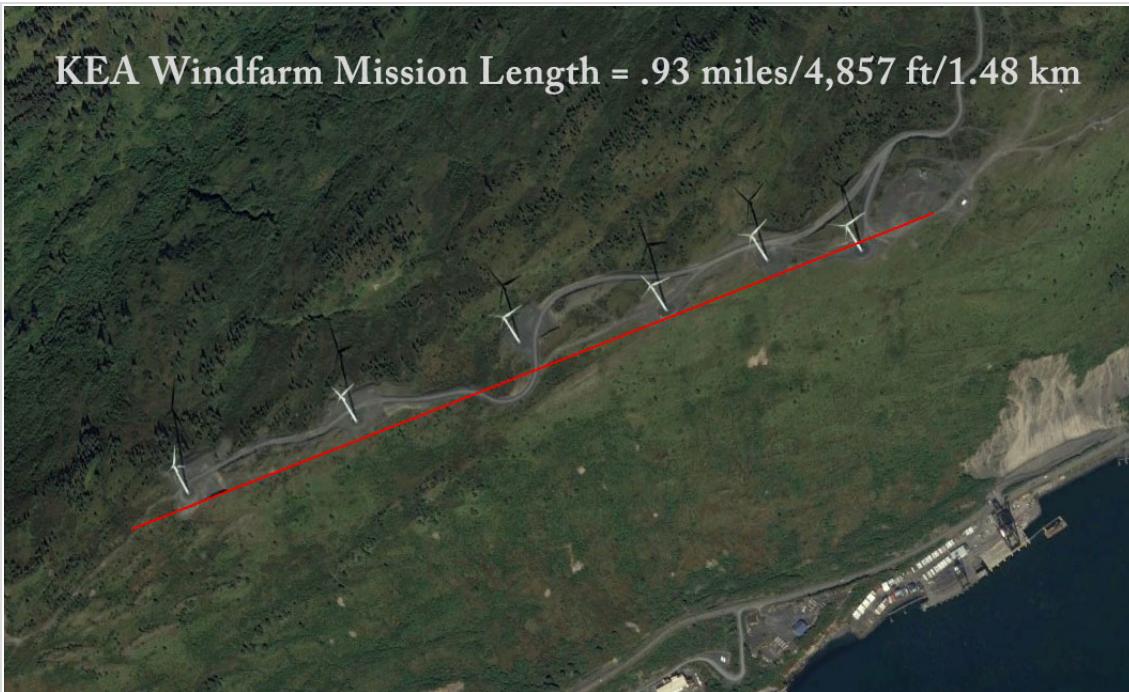
KEA Windfarm Mission Length = .93 miles/4,857 ft/1.48 km



KS

Kiae S. reposted a file from Teyo D. KEA Windfarm Mission Length.jpg

11:10pm



 KS**Kiae S. reposted a file from Teyo D. KEA Atop a Wind Turbine.jpg**

11:10pm

 KS**Kiae S. reposted a file from Teyo D. Assembly.tiff**

11:10pm

KS

Kiae S. reposted a file from Teyo D. Assembly.jpg

11:10pm



KS

Kiae S. reposted a file from Teyo D. GE_Wind
Turbine_Technical_Description.pdf

11:10pm

GE Energy

Technical Documentation Wind Turbine Generator Systems GE 1.5sle 60 Hz



Technical Description



GE imagination at work

© 2005 GE Energy. All rights reserved.

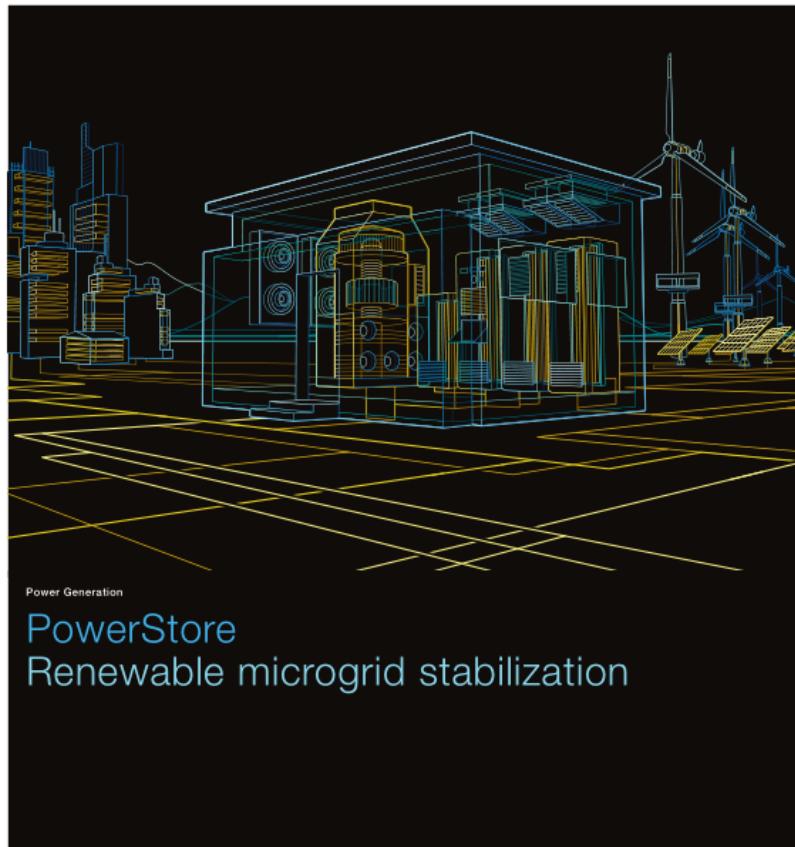
KS

Kiae S. reposted a file from Teyo D. Size specifications industrial wind
turbines .docx

11:10pm

11:10pm

KS

Kiae S. reposted a file from cole s.**9AKK100580A2551_Powerstore_Brochure_EN_HR_(Dic2013).pdf**

Power and productivity
for a better world™ **ABB**

KS

Kiae S. reposted a file from cole s. GEA14954C15-MW-Broch.pdf

11:10pm

GE Energy

1.5 MW
Wind Turbine



imagination at work

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KS

Kiae S. reposted a file from cole s. KEA_progress_report_4.pdf

11:10pm



4020 148th Avenue NE, Suite C
Redmond, WA 98052

September 17, 2013

Mr. Darron Scott
President/CEO
Kodiak Electric Association, Inc.
PO Box 787
Kodiak, Alaska 99615

Horizon Lines Electric Crane Impact Study – PS8 Option, Updated Parameters**Introduction:**

EPS has completed an update to the most recent crane impact study, dated 9/4/2013. The primary purpose of the update was to add a flywheel configuration that includes two PS8s. The previous analysis results concluded that a single PS12 configuration would not be a good fit for this application when considering the 400 kW average power limitation and anticipated crane operating cycle. Some relatively minor modeling parameter changes were also included based on correspondence with ABB.

Simulations/Results/Conclusions:

A total of five simulation cases were run using a simulation time of 180 seconds with the crane loading starting at 5 seconds. Immediately after the completion of the crane loading period ($t=85$ seconds), the flywheel was set to charge until fully charged. The power level used for charging was held at a constant level until fully charged within the total crane operating cycle (103 seconds). In some cases the tie-flow deadband allowed the flywheel to fully charge within the total crane operating cycle. For the other cases, the charging level was adjusted to ensure the flywheel was completely charged within the total crane operating cycle time. A tie-flow deadband value of 350 kW was used in three of the five cases based on past study results. For the dual PS8 configuration, tie-flow deadband values of 250 kW and 450 kW were also simulated. Note that the dual PS8 configuration was modeled as a single flywheel resulting in a maximum average power output of 800 kW.

In addition to the dual PS8 cases, a single PS8 case has been included. A single PS12 case was also included for comparison purposes only, in part to illustrate the results using the updated modeling parameters. Case descriptions are provided below for all four cases.

Case Descriptions

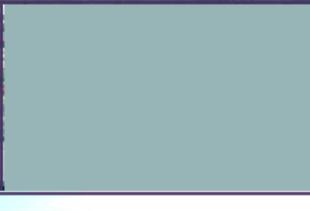
- 3010 – This case includes a single PS8 flywheel system. The system tie flow deadband and charging level is 350 kW.
- 3015 – Similar to Case 3010 except a single PS12 flywheel system is used.

KS

Kiae S. reposted a file from Teyo D. KEA 2015 Annual Report.pdf

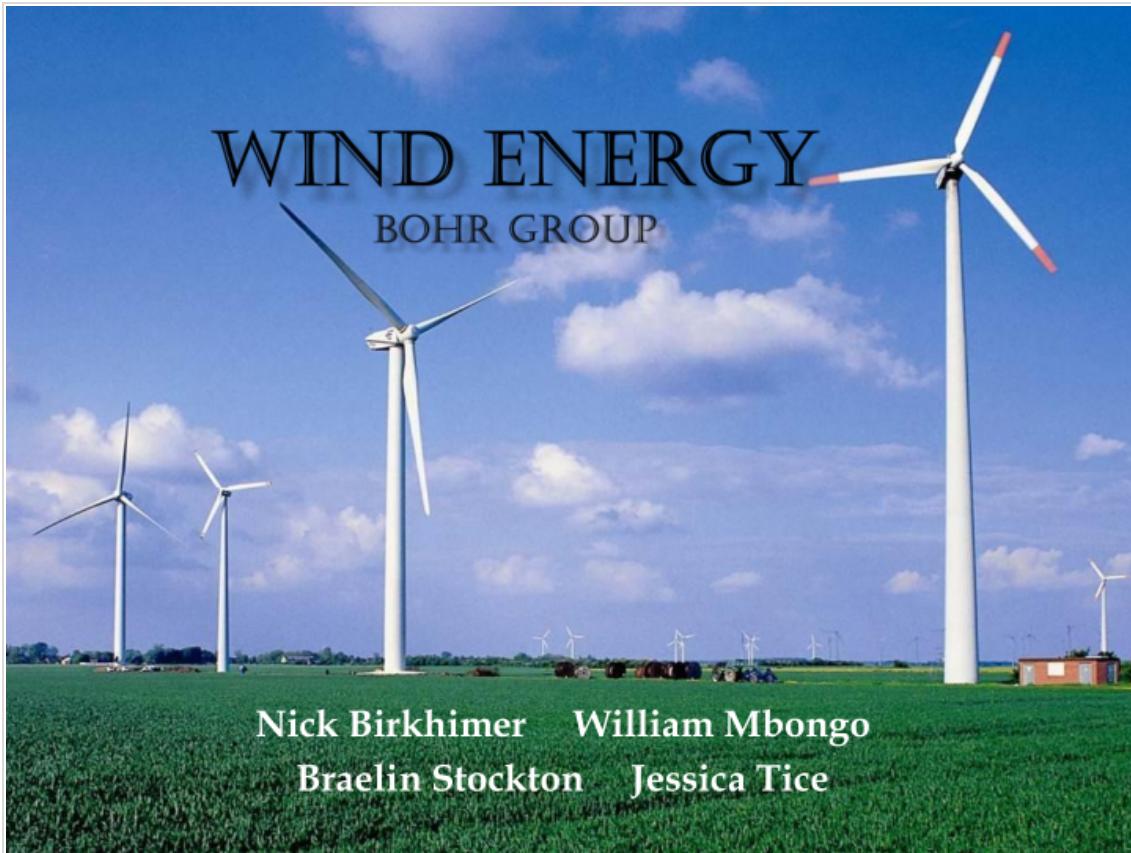
11:10pm

Kodiak Electric Association, Inc. 2015 Annual Report



KS

Kiae S. reposted a file from Teyo D. Students project presentation_Wind Energy_Bohr group.pdf 11:10pm



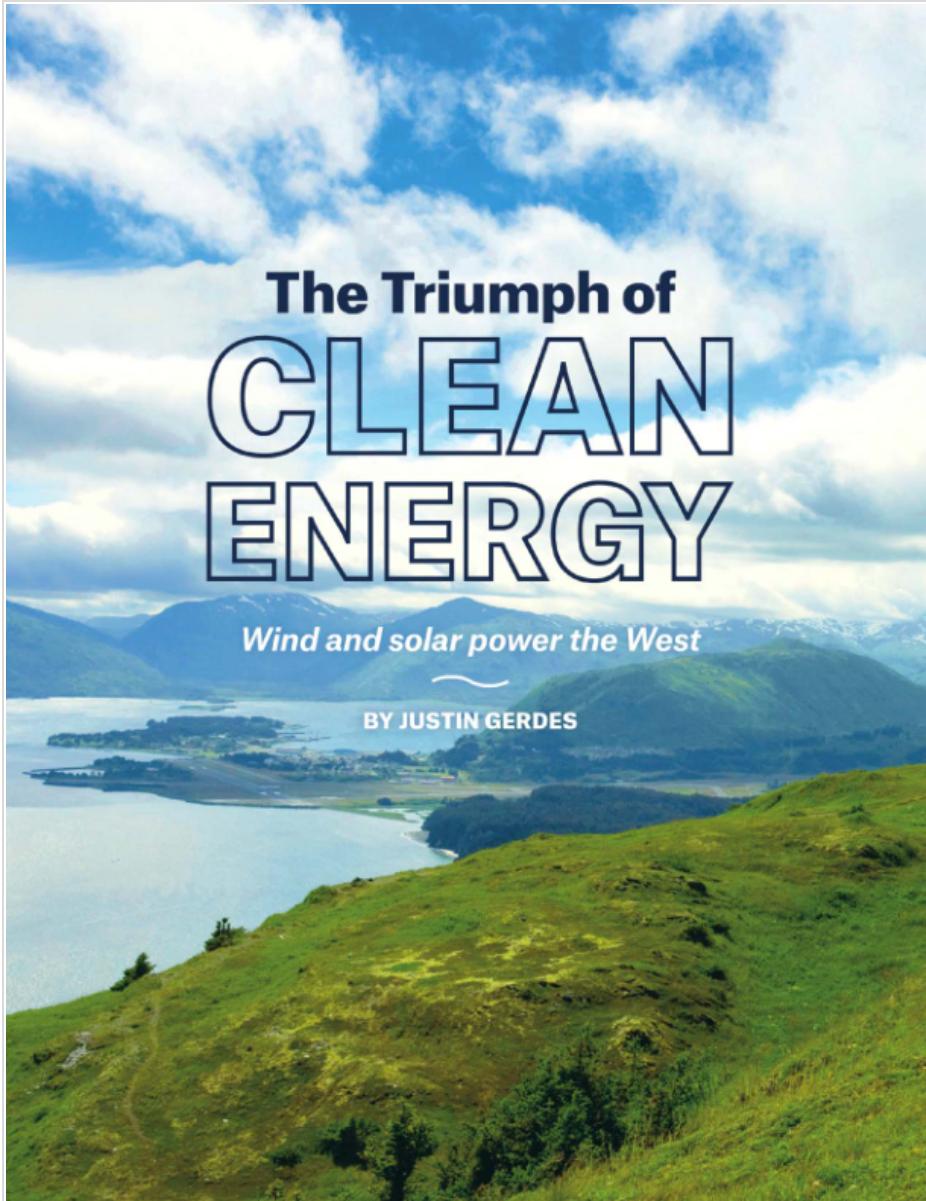
KS

Kiae S. reposted a file from Teyo D. Kodiak Electric Association Background.docx 11:10pm

KS

Kiae S. reposted a file from Teyo D. KEA AAMag2015.pdf

11:10pm



KS

Kiae S. reposted a file from Teyo D. KEA Renewable Energy Vision.ppt-.ppt

11:10pm

KS

Kiae S. reposted a file from Teyo D. 2013_REC_Pillar Mountain Phase 2 Wind Turbines and Battery System_Darron Scott.pdf

11:10pm

Kodiak Electric Association, Inc. Pillar Mountain Wind Project Phase II Wind Turbines + Battery Energy Storage System

Darron Scott
President/CEO



KS

Kiae S. reposted a file from cole s. 2016 Development and Operation, Wind.pptx

11:10pm

KS

Kiae S. reposted a file from cole s. 10.2016 Role of Storage Transition to 100 (002).pptx

11:10pm

KS

Kiae S. reposted a file from cole s. 2016 Energy Cooperative's Perspective (003).pptx

11:10pm

KS

Kiae S. reposted a file from cole s. 2016 Early Stage Planning.pptx

11:10pm

KS

Kiae S. reposted a file from Teyo D. Financials2.jpg

11:10pm

Year	Cost per KWH	Wind Capital Cost	Wind Operational Cost	Cash Tot	Total Wind Cost	Total Diesel Cost	Total Cost Savings of Wind
1	\$0.05	\$0.044	\$0.018	\$0.068	\$0.062	\$0.330	-\$4,190,542.087
2	\$0.05	\$0.044	\$0.018	\$0.069	\$0.062	\$0.344	-\$4,391,603.097
3	\$0.05	\$0.044	\$0.019	\$0.069	\$0.062	\$0.357	-\$4,600,543.638
4	\$0.05	\$0.043	\$0.020	\$0.070	\$0.063	\$0.372	-\$4,817,678.044
5	\$0.05	\$0.043	\$0.021	\$0.071	\$0.063	\$0.386	-\$5,043,333.244
6	\$0.05	\$0.042	\$0.021	\$0.072	\$0.064	\$0.402	-\$5,277,849.268
7	\$0.05	\$0.042	\$0.022	\$0.073	\$0.064	\$0.418	-\$5,521,579.770
8	\$0.05	\$0.042	\$0.023	\$0.073	\$0.065	\$0.435	-\$5,774,892.577
9	\$0.05	\$0.041	\$0.024	\$0.074	\$0.065	\$0.452	-\$6,038,170.257
10	\$0.05	\$0.041	\$0.025	\$0.075	\$0.066	\$0.470	-\$6,311,810.713
11	\$0.05	\$0.040	\$0.026	\$0.076	\$0.066	\$0.489	-\$6,596,227.797
12	\$0.05	\$0.040	\$0.027	\$0.077	\$0.067	\$0.509	-\$6,891,851.951
13	\$0.05	\$0.039	\$0.028	\$0.078	\$0.068	\$0.529	-\$7,199,130.873
14	\$0.05	\$0.039	\$0.029	\$0.080	\$0.068	\$0.550	-\$7,518,530.212
15	\$0.05	\$0.039	\$0.030	\$0.081	\$0.069	\$0.572	-\$7,850,534.285
16	\$0.05	\$0.038	\$0.032	\$0.082	\$0.070	\$0.595	-\$8,195,646.832
17	\$0.00	\$0.038	\$0.033	\$0.034	\$0.071	\$0.619	-\$8,554,391.794
18	\$0.00	\$0.038	\$0.034	\$0.036	\$0.072	\$0.643	-\$8,921,218.806
19	\$0.00	\$0.038	\$0.036	\$0.037	\$0.073	\$0.669	-\$9,302,741.236
20	\$0.00	\$0.037	\$0.037	\$0.038	\$0.074	\$0.696	-\$9,699,548.239
Average:				\$0.0667	Total : NPV		-\$132,697,824.721 (\$77,018,434.56)

KS

Kiae S. reposted a file from Teyo D. Financials1.jpg

11:10pm

Principle	\$ 11,400,000	\$ 269,539	Total Interest	Grants	Depreciation
Interest	0.800%	6.000%	20	\$ 11,650,000	11,669,539 20 years
periods	16				
Pmt	\$761,914.88		\$23,499.62		
Year	1% CREB Financing of 11.4 Million	Remaining to Finance	Total Interest	Total Cash	20 Year Depreciation
	Principle Interest	Principle Interest			
2008	\$670,714.88 \$91,200.00	\$7,327.29 \$16,172.33	\$107,372.33	\$785,414.50	+ \$583,476.94
2009	\$676,080.60 \$85,834.28	\$7,766.93 \$15,732.69	\$101,566.97	\$785,414.50	+ \$583,476.94
2010	\$681,489.25 \$80,425.64	\$8,232.95 \$15,266.67	\$95,692.31	\$785,414.50	+ \$583,476.94
2011	\$686,941.16 \$74,973.72	\$8,726.92 \$14,772.70	\$89,746.42	\$785,414.50	+ \$583,476.94
2012	\$692,436.69 \$69,478.19	\$9,250.54 \$14,249.08	\$83,727.27	\$785,414.50	+ \$583,476.94
2013	\$697,976.18 \$63,938.70	\$9,805.57 \$13,694.05	\$77,632.75	\$785,414.50	+ \$583,476.94
2014	\$703,559.99 \$58,354.89	\$10,393.90 \$13,105.71	\$71,460.60	\$785,414.50	+ \$583,476.94
2015	\$709,188.47 \$52,726.41	\$11,017.54 \$12,482.08	\$65,208.49	\$785,414.50	+ \$583,476.94
2016	\$714,881.98 \$47,052.90	\$11,678.59 \$11,821.03	\$58,873.93	\$785,414.50	+ \$583,476.94
2017	\$720,580.88 \$41,334.01	\$12,379.31 \$11,120.31	\$52,454.32	\$785,414.50	+ \$583,476.94
2018	\$726,345.52 \$35,569.36	\$13,122.06 \$10,377.55	\$45,946.91	\$785,414.50	+ \$583,476.94
2019	\$732,156.29 \$29,758.60	\$13,909.39 \$9,590.23	\$39,348.83	\$785,414.50	+ \$583,476.94
2020	\$738,013.54 \$23,901.34	\$14,743.95 \$8,755.67	\$32,657.01	\$785,414.50	+ \$583,476.94
2021	\$743,917.65 \$17,997.24	\$15,628.59 \$7,871.03	\$25,868.27	\$785,414.50	+ \$583,476.94
2022	\$749,868.99 \$12,045.90	\$16,566.30 \$6,933.31	\$18,979.21	\$785,414.50	+ \$583,476.94
2023	\$755,867.94 \$6,046.94	\$17,560.28 \$5,939.34	\$11,986.28	\$785,414.50	+ \$583,476.94
2024	\$0.00 \$0.00	\$18,613.90 \$4,885.72	\$4,885.72	\$23,499.62	+ \$583,476.94
2025	\$0.00 \$0.00	\$19,730.73 \$3,768.89	\$3,768.89	\$23,499.62	+ \$583,476.94
2026	\$0.00 \$0.00	\$20,914.58 \$2,585.04	\$2,585.04	\$23,499.62	+ \$583,476.94
2027	\$0.00 \$0.00	\$22,169.45 \$1,330.17	\$1,330.17	\$23,499.62	+ \$583,476.94

KS

Kiae S. reposted a file from Teyo D. Payback.jpg

11:10pm

Wind Project Capital Costs	\$ 11,669,539
Wind Project Capacity Factor	0.404
Wind Project Availability Factor	0.98
Wind Project Annual Generation kwh's	15,607,166
Wind Project O&M Base Costs \$/kwh	0.0176
Interest Rate on Remaining Debt (less CREB)	6%
Life of Project	20
Grants Received	\$ 11,650,000
Inflation Rate	4.0%
Nyman Operating Base Costs	\$ 5,155,313
Base Fuel Cost \$/gal	\$ 4.04
Base Year Differential Cost \$/kWh	\$ (0.262)
Base Year Savings	\$ (4,190,542)
Net Present Value	\$77,018,434.56

KS

Kiae S. reposted a file from Teyo D. KEABalanceSheet.jpg

11:10pm

KEA Balance Sheet (December 31, 2015 and 2014)					
Assets	2015	2014	Equities & Liabilities	2015	2014
Net Utility Plant	\$130,467,889	\$125,542,565	Patronage Capital	\$46,758,245	\$42,446,283
Investments in Assoc. Organizations	1,228,495	2,407,875	Other Equities	\$536,191	\$497,704
Non-Utility Property (net)	0	5383	Long-Term Debt	\$97,672,595	\$103,459,865
Advance to Scholarship Fund	295,000	290,000	Less: (Current Maturities)	-\$5,919,610	-\$5,757,741
Cash	1,902,186	641,950	Less: (Advance Payments)	-\$5,780,531	-\$8,505,301
Restricted Cash Investment	2,480,340	2,766,807	Current/Accrued Liabilities	\$9,228,334	\$9,203,394
Temporary Cash Investment	2,406,032	5,169,920	Deferred Credits	\$2,256,334	\$2,551,642
Accounts Receivable	1,100,244	2,003,521	Total Equities & Liabilities	\$144,751,558	\$143,895,846
Inventories	3,730,330	3,748,771			
Other Current/Accrued Assets	306,059	367,895			
Deferred Debits	834,983	951,159			
Total Assets	\$144,751,558	\$143,895,846			
Statement of Income and Expenses					
Income	2015	2014	Expenses	2015	2014
Operating Revenue	\$24,449,005	\$24,049,506	Power Cost	\$4,068,887	\$4,420,746
Interest	\$389,606	\$498,705	Transmission & Distribution	\$3,091,837	\$3,267,907
Patronage Capital from Assoc. Org.	\$415,418	-\$126,505	Consumer Accounts/Sales	\$444,606	\$459,169
Other Equity Earnings	\$457,835	\$418,920	Administrative/General	\$2,857,316	\$2,331,581
Total Income	\$25,711,864	\$24,840,626	Depreciation	\$6,619,453	\$6,456,148
			Gross Receipts Tax	\$73,610	\$73,524
Retirement of Patronage Capital	-\$1,071,532	-\$870,755	Interest	\$3,167,031	\$3,312,570
			Other	\$5,630	\$1,283
			Total Expenses	\$20,328,370	\$20,322,928
			Consolidated Margins	\$5,383,494	\$4,517,698

KS

Kiae S. reposted a file from Teyo D. Financials2.tiff

11:10pm

KS

Kiae S. reposted a file from Teyo D. Financials1.tiff

11:10pm

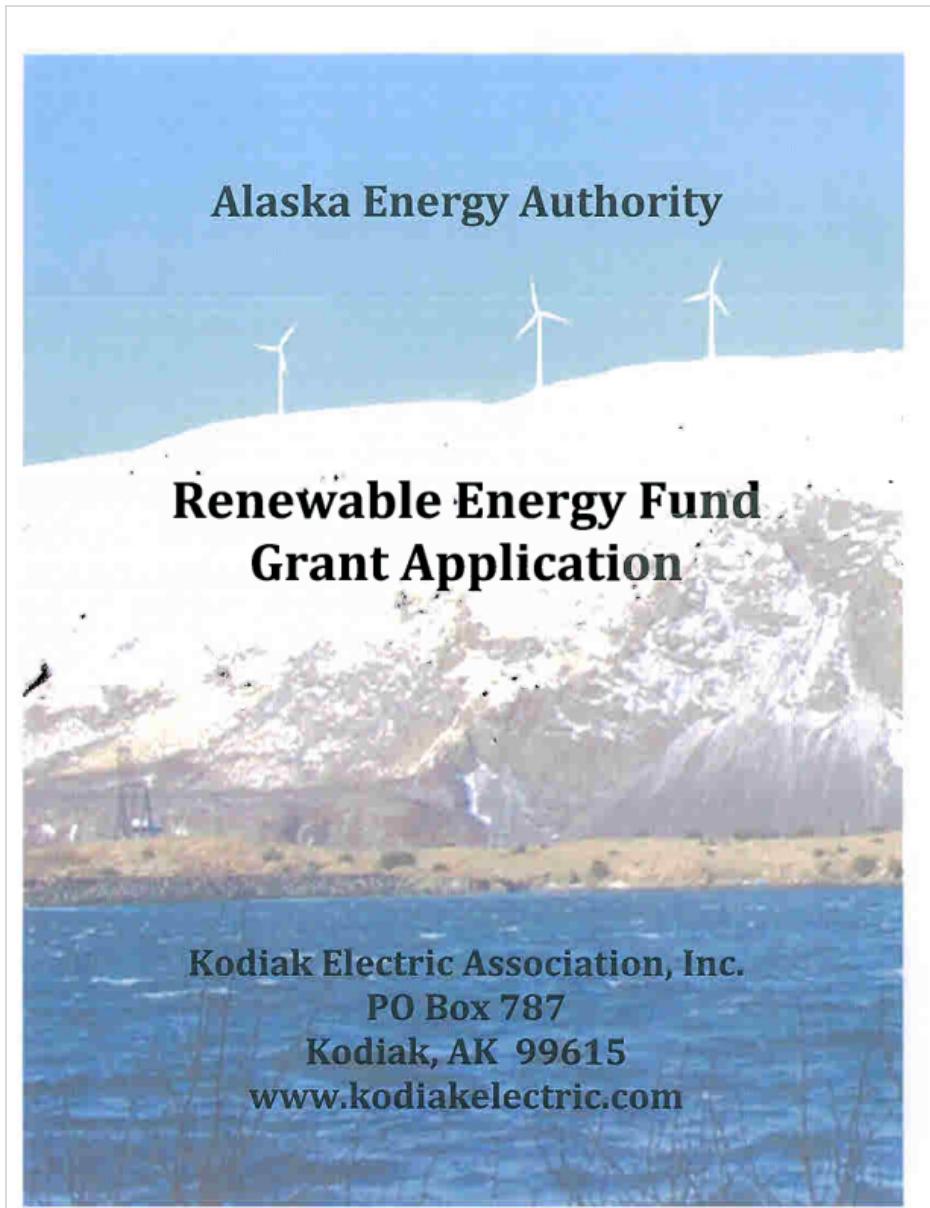
KS

Kiae S. reposted a file from Teyo D. Payback.tiff

11:10pm

KS**Kiae S. reposted a file from Teyo D. KEABalanceSheet.tiff**

11:10pm

KS**Kiae S. reposted a file from Teyo D. KEA's Renewable Energy Fund Grant Application.pdf** 11:10pm**KS****Kiae S. reposted a file from Teyo D. KEA Balance Sheet.xlsx**

11:10pm

-  **Kiae S. reposted a file from cole s. January sales 2017.xlsx** 11:10pm
-  **Kiae S. reposted a file from Gavin F. KEA 5-Year Trend Charts.xlsx** 11:10pm
-  **Kiae S. reposted a file from cole s. KEA industrial consumption data 2013 (ed1).xlsx** 11:10pm
-  **Kiae S. reposted a file from cole s. KEA commercial consumption data 2013 (ed1).xlsx** 11:10pm
-  **Kiae S. reposted a file from cole s. KEA residential consumption data 2013 (ed1).xlsx** 11:10pm
-  **Kiae S. reposted a file from cole s. KEA industrial consumption data 2016 (ed1).xlsx** 11:10pm

- KS Kiae S. reposted a file from cole s. KEA commercial consumption data 2016 (ed1).xlsx 11:10pm**
- KS Kiae S. reposted a file from cole s. KEA residential consumption data 2016 (ed1).xlsx 11:10pm**
- KS Kiae S. reposted a file from cole s. KEA industrial consumption data 2012 (ed1).xlsx 11:10pm**
- KS Kiae S. reposted a file from cole s. KEA residential consumption data 2012 (ed1).xlsx 11:10pm**
- KS Kiae S. reposted a file from cole s. KEA commercial consumption data 2012 (ed1).xlsx 11:10pm**
- KS Kiae S. reposted a file from cole s. KEA Historical Sales Data 2012-2016.xlsx 11:10pm**

KS

Kiae S. reposted a file from cole s. Summary- January, 2017.pdf

11:10pm

KEA POWER PRODUCTION SUMMARY REPORT 2017													
	JAN	FEB	MAR	APR	MAY	JUN	JUL	AUG	SEPT	OCT	NOV	DEC	TOT MWH
TL#1	3,851,000												3,851,0
TL#2	3,755,000												3,755,0
TL#3	3,659,000												3,659,0
GROSS	11,045,000												11,045,0
SO#1	115,100												115,1
SO#2	-												-
TOT SS	115,100												115,1
NET	10,930,900												10,930,9
WTF#1	409,994												409,9
WTF#2	392,252												393,3
WTF#3	400,442												400,4
WTF#4	10,796												10,8
WTF#5	391,460												391,5
WTF#6	390,144												388,2
GROSS	1,261,726												1,251,7
WTF#8	13,908												13,6
NET	1,248,120												1,238,1
SOLAR PANEL	6,41												6,0
BESS (Re)	317												0,3
BESS SS (Re)	23,352												23,4
NET	(23,035)												(23,0)
PESS (Re)	3,218												3,3
PESS 10kW	16,000												16,0
PESS 10kW (Re)	3,185												3,2
PESS 2 (Re)	15,708												15,8
PESS 89	40												0,0
PESS HVAC 95	3,282												3,3
NET	(26,587)												(26,6)
		Kodak	Diesel	Plant		KWH							
KOD#1													-
KOD#2	33,600												33,6
KOD#3	19,200												19,2
KOD#4	-												-
GROSS	52,800												52,8
		Swansy	Diesel	Plant		KWH							
SWA CAT#1	6,576												6,6
SWA CAT#2	10,335												10,3
SWA CAT#3	9,937												9,9
GROSS	26,850												26,9
SS KDD	116,400												116,4
SS WKA	11,890												11,9
TOT SS	128,290												128,3
NET	948,600												948,6
		Port	Liane	Diesel	Plant	KWH		KWH					
PL#1	-												-
PL#2	-												-
PL#3	-												-
PL#4	-												-
GROSS	-												-
PL 95	6,940												6,9
NET	(6,940)												(6,9)
		Coast	Grand	Diesel	Plant	KWH		KWH					
NWM#1	18,200												18,2
NWM#2	18,000												18,0
NWM#3	34,200												34,2
GROSS	60,400												60,4
NWM #1 SS	26,400												26,4
NWM #2 SS	21,034												21,0
NET	(13,234)												(13,2)
DIESEL	113,850												113,9
		System	Generated		Totals		KWH						
GROSS	13,117,404												13,117,4
TOT SS	369,764												369,8
NET	12,747,640												12,747,640
		PEAK GROSS GENERATION (MW)											
T/L	26,26	0	0	0	0	0	0	0	0	0	0	26,26	
DATE	23-Jan-17	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	23-Jan-17	
TIME	17:42:22	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	17:42:22	
KOD	4,26	0,0	0,0	2,0	0,8	0,0	0,0	2,0	0,0	0,0	0,0	4,26	
DATE	24-Jan-17	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	0-Jan-00	24-Jan-17	
TIME	15:18:24	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	0:00:00	15:18:24	
SYSTEM	26,83												
DATE	25-Jan-17												
TIME	17:20:00												

KS

Kiae S. reposted a file from Teyo D. June to Nov 2016 kwh.XLSX

11:10pm

KS

Kiae S. reposted a file from Teyo D. Feb to Nov 2016 MW Peak.XLSX

11:10pm

-  **Kiae S. reposted a file from cole s. summary 2016.xls** 11:10pm
-  **Kiae S. reposted a file from cole s. summary 2012.xls** 11:10pm
-  **Kiae S. reposted a file from cole s. summary 2015.xls** 11:10pm
-  **Kiae S. reposted a file from cole s. summary 2014.xls** 11:10pm
-  **Kiae S. reposted a file from cole s. 2013 energy gen. data .xlsx** 11:10pm
-  **Kiae S. reposted a file from cole s. summary 2013.xls** 11:10pm
-  **Kiae S. reposted a file from Teyo D. Table of Contents- City Smart Energy.docx** 11:10pm



Kiae S. reposted a file from cole s. KEA electrical grid map .dwg

11:10pm



**Kiae S. reposted a message from Ron F. Kodiak NASA CitySmart
GUI/Layers Development**

11:09pm

Example GUI and Layers for HTML programming:[Kodiak WB CitySmart GUI.isf]
[Kodiak WB CitySmart GUI New.doc]

Kodiak WB CitySmart GUI.isf
48.4 KB

Kodiak WB CitySmart GUI New.doc
124 KB

Thursday, May 4 2017

NASA OpenCitySmart WWW Dev

2 people were chatting around the Live Chat Campfire

9:27pm



Monday, May 1 2017

NASA OpenCitySmart WWW Dev

2 people were chatting around the Live Chat Campfire

8:49pm



2 people were chatting around the Live Chat Campfire

3:06pm



Wednesday, April 12 2017

A World Bridge: Kodiak NASA CitySmart

2 people were chatting around the Live Chat/Blog Campfire

9:02pm



Monday, April 10 2017

NASA OpenCitySmart WWW Dev

2 people were chatting around the Live Chat Campfire

7:51pm



Friday, April 7 2017

A World Bridge: Kodiak NASA CitySmart

2 people were chatting around the Live Chat/Blog Campfire

1:51pm



Friday, March 10 2017

A World Bridge: Kodiak NASA CitySmart

2 people were chatting around the Live Chat/Blog Campfire

12:10am



Tuesday, February 28 2017

A World Bridge: Kodiak NASA CitySmart

2 people were chatting around the Live Chat/Blog Campfire

3:00pm



Monday, February 27 2017

A World Bridge: Kodiak NASA CitySmart

2 people were chatting around the Live Chat/Blog Campfire

9:04pm



Tuesday, February 21 2017

A World Bridge: Kodiak NASA CitySmart

3 people were chatting around the Live Chat/Blog Campfire

2:01pm



Monday, February 20 2017

A World Bridge: Kodiak NASA CitySmart

3 people were chatting around the Live Chat/Blog Campfire

3:05pm



Saturday, February 18 2017

A World Bridge: Kodiak NASA CitySmart

3 people were chatting around the Live Chat/Blog Campfire

4:06pm



Friday, February 17 2017

A World Bridge: Kodiak NASA CitySmart

2 people were chatting around the Live Chat/Blog Campfire

9:10pm



Wednesday, February 15 2017

A World Bridge: Kodiak NASA CitySmart

2 people were chatting around the Live Chat/Blog Campfire

9:09pm

**Friday, February 10 2017**

A World Bridge: Kodiak NASA CitySmart

- KS Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 11:29am
<http://24.237.235.227/wwdev/CitySmart/CitySmartPrototypewithGlobeSmallBanner.html> Not yet, but I started coding wind turbine layer.
- KS Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 11:23am
Okay!
- KS Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 11:19am
<http://24.237.235.227/wwdev/CitySmart/CitySmartPrototypewithGlobeLargeBanner.html> This link has a banner (little bit stretched) in high resolution
- KS Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 10:54am
<http://24.237.235.227/wwdev/CitySmart/CitySmartPrototypewithGlobe.html>
The banner is in the middle

Thursday, February 9 2017

A World Bridge: Kodiak NASA CitySmart

- KS Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 7:57pm
Or could you send me longer banner?
- KS Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 7:57pm
Okay I'll do it tomorrow
- KS Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 11:45am
Logos are now fixed

Tuesday, February 7 2017

AWB International GeoSpatial Lab-Fei Tian College/Northern Academy NASA CitySmart

- KS Kiae S. changed who can access this project** 11:38am
Seraphim McGann was granted access.

Friday, January 27 2017

A World Bridge: Kodiak NASA CitySmart

KS **Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 12:52pm
I will start with wind turbines. Should I start with KEA?

KS **Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 11:23am
<http://24.237.235.227/wwdev/CitySmart/CitySmartPrototypeWithGlobe.html>
Globe is now loaded in, but I have to adjust the location under<Row>.

Thursday, January 26 2017

A World Bridge: Kodiak NASA CitySmart

KS **Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 6:21pm
<http://24.237.235.227/wwdev/CitySmart/CitySmartPrototype2.html> This is fixed version, but without globe. I think it will be finished by Tuesday.

KS **Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 2:26pm
That looks great, I will fix it

Tuesday, January 24 2017

A World Bridge: Kodiak NASA CitySmart

KS **Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 6:17pm
Okay, I will fix it tomorrow!

KS **Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 6:12pm
Could you try this?
<http://24.237.235.227/wwdev/CitySmart/CitySmartPrototype.html>

KS **Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development** 5:59pm
This is the current CitySmart app prototype. I will talk about data organization with classmates as soon as possible.
<http://10.194.40.100/wwdev/CitySmart/CitySmartPrototype.html#>

Saturday, January 14 2017

A World Bridge: Kodiak NASA CitySmart



Kiae S. commented on Kodiak NASA CitySmart GUI/Layers Development 10:41pm
 [Screen Shot 2017-01-12 at 5.23.31 PM.png_attachment=true][Screen Shot 2017-01-12 at 5.23.16 PM.png_attachment=true][Screen Shot 2017-01-12 at 5.23.37 PM.png_attachment=true]

NASA Open CitySmart Page subtitle

Energy

- + Wind Turbines
- + Hydropower
- + Solar
- + Biofuel
- + Diesel
- + Energy Budget
- + Economic Development

Water

Agriculture- Food

Transportation

Health Services

Fire Services

Education

Bacon ipsum dolor sit amet salami ham hock biltong tipp drunckle sirloin pastrami meatball short loin. Venison tail chuck pork chop, andouille ball tip beef ribs flank boudin bacon. Salami andouille pork belly short ribs fave cow. Salami salami tongue shoulder shank rump chuck shoulder. Short ribs brisket pastrami shoulder. Beef ribs brisket pastrami shoulder. Jerky tri-tip, fettuccini hamburger shoulder swine pastrami ground round. Tri-tip prosciutto meatball turkey, brisket spare ribs venison kielbasa strip meat.

Hamburger bresaola turkey, brie, leeks bacon salami pork chop ham hock beef ribs. Rump biltong meatball version, short ribs pork shoulder shank corned beef tongue short loin. Tongue prosciutto pork loin, ground round spare ribs venison kielbasa strip meat.

Prosciutto ball tip filet mignon andouille frankfurter chicken rump sausage meatball. Filet mignon meatball ground round andouille ham hock pork. Bresaola short rib meatball chuck hamburger pig. Turkey veal chuck, tongue fettuccini tail pastrami shoulder. Short ribs brisket pastrami shoulder. Beef ribs brisket pastrami shoulder. Short ribs brisket pastrami shoulder short loin meatball kielbasa pork ham tongue bresaola brisket corned beef pastrami. Beef ribs shank short ribs pork belly, corned beef fatback pork chop tongue biltong boudin strip steak sirloin meatball pastrami.

Screen Shot 2017-01-12 at 5.23.31
PM.png_attachment=true

NASA Open CitySmart Page subtitle

Energy

Water

Agriculture- Food

Transportation

Health Services

Fire Services

Education

Bacon ipsum dolor sit amet salami ham hock biltong tipp drunckle sirloin pastrami meatball short loin. Venison tail chuck pork chop, andouille ball tip beef ribs flank boudin bacon. Salami andouille pork belly short ribs fave cow. Salami salami tongue shoulder shank rump chuck shoulder. Short ribs brisket pastrami shoulder. Beef ribs brisket pastrami shoulder. Jerky tri-tip, fettuccini hamburger shoulder swine pastrami ground round. Tri-tip prosciutto meatball turkey, brisket spare ribs venison kielbasa strip meat.

General meat pastrami shoulder ham hock pastrami jerk. Jerky spare ribs biltong ham hock ham capsicums pork. Jerky fettuccini pork, meatball sausage capsicums corned beef turkey short loin. Tongue prosciutto pork loin, ground round spare ribs venison kielbasa strip meat.

Hamburger bresaola turkey, brie, leeks bacon salami pork chop ham hock beef ribs. Rump biltong meatball version, short ribs pork shoulder shank corned beef tongue short loin. Tongue prosciutto pork loin, ground round spare ribs venison kielbasa strip meat.

Prosciutto ball tip filet mignon andouille frankfurter chicken rump sausage meatball. Filet mignon meatball ground round andouille ham hock pork. Bresaola short rib meatball chuck hamburger pig. Turkey veal chuck, tongue fettuccini tail pastrami shoulder. Short ribs brisket pastrami shoulder. Beef ribs brisket pastrami shoulder. Short ribs brisket pastrami shoulder short loin meatball kielbasa pork ham tongue bresaola brisket corned beef pastrami. Beef ribs shank short ribs pork belly, corned beef fatback pork chop tongue biltong boudin strip steak sirloin meatball pastrami.

Screen Shot 2017-01-12 at 5.23.16
PM.png_attachment=true

NASA Open CitySmart Page subtitle

Energy

Water

Agriculture- Food

Transportation

Health Services

Fire Services

Education

Bacon ipsum dolor sit amet salami ham hock biltong tipp drunckle sirloin pastrami meatball short loin. Venison tail chuck pork chop, andouille ball tip beef ribs flank boudin bacon. Salami andouille pork belly short ribs fave cow. Salami salami tongue shoulder shank rump chuck shoulder. Short ribs brisket pastrami shoulder. Beef ribs brisket pastrami shoulder. Jerky tri-tip, fettuccini hamburger shoulder swine pastrami ground round. Tri-tip prosciutto meatball turkey, brisket spare ribs venison kielbasa strip meat.

Hamburger bresaola turkey, brie, leeks bacon salami pork chop ham hock beef ribs. Rump biltong meatball version, short ribs pork shoulder shank corned beef tongue short loin. Tongue prosciutto pork loin, ground round spare ribs venison kielbasa strip meat.

Prosciutto ball tip filet mignon andouille frankfurter chicken rump sausage meatball. Filet mignon meatball ground round andouille ham hock pork. Bresaola short rib meatball chuck hamburger pig. Turkey veal chuck, tongue fettuccini tail pastrami shoulder. Short ribs brisket pastrami shoulder. Beef ribs brisket pastrami shoulder. Short ribs brisket pastrami shoulder short loin meatball kielbasa pork ham tongue bresaola brisket corned beef pastrami. Beef ribs shank short ribs pork belly, corned beef fatback pork chop tongue biltong boudin strip steak sirloin meatball pastrami.

Screen Shot 2017-01-12 at 5.23.37
PM.png_attachment=true

Friday, January 13 2017

NASA OpenCitySmart WWW Dev

2 people were chatting around the Live Chat Campfire

8:19pm



Thursday, January 12 2017

A World Bridge: Kodiak NASA CitySmart

- KS Kiae S. commented on Wind Turbines** 12:09pm
 Technical info of Turbines-KEA
<https://3.basecamp.com/3356031/buckets/1513769/uploads/244128910/download/versions/BAh7CEkiCGdpZAY6BkVUSSIpZ2IkOi8vYmMzL1VwbG9hZC8xMDQ5MjMzM9leHBpcmVzX2luBjsAVEkiDHB1cnBvc2UGOwBUSSIPYXROYWNoYWJsZsZQY7AFRJlg9leHBpcmVzX2FOBjsAVDA=-153f5f2e02888780acdf931d21af043ffc56...>
- KS Kiae S. commented on Wind Turbines** 12:08pm
https://3.basecamp.com/3356031/buckets/1513769/uploads/244128172/download/versions/BAh7CEkiCGdpZAY6BkVUSSIpZ2IkOi8vYmMzL1VwbG9hZC8xMDQ5MjMzM9leHBpcmVzX2luBjsAVEkiDHB1cnBvc2UGOwBUSSIPYXROYWNoYWJsZQY7AFRJlg9leHBpcmVzX2FOBjsAVDA=-6b6ff8a798bd8695b517fa437a97a8f3fc956423/DFLD-JZ-5_GE_1.5_Technical_...
- KS Kiae S. commented on Farm Production** 12:05pm
<http://www.urthagriculture.com/nano-ag-fertilizer/> NANO Ag Answer solution's information page
- KS Kiae S. commented on Energy Budget** 12:03pm
 [Feb to Nov 2016 MW Peak.XLSX][June to Nov 2016 kwh.XLSX]
- | | |
|--|-------------------------------------|
| Feb to Nov 2016 MW Peak.XLSX
313 KB | June to Nov 2016 kwh.XLSX
281 KB |
|--|-------------------------------------|
- KS On Energy in Kodiak , Kiae S. added** 12:01pm
- Energy Budget  cole s.  Gavin F.  Isaac P.
 - Diesel  cole s.  Gavin F.
 - Hydroelectric Fri, Jan 27, 2017  cole s.  Gavin F.
 - Wind Turbines Fri, Jan 27, 2017  cole s.  Gavin F.
- KS On Agriculture-Food Information Document, Kiae S. added** 11:46am
- Food Budget Fri, Jan 27, 2017  Camrin Y.  Hunter S.
 - Import Fri, Jan 27, 2017  Camrin Y.  Hunter S.
 - Greenhouses Fri, Jan 27, 2017  Camrin Y.  Hunter S.
 - Farm Production Fri, Jan 27, 2017  Camrin Y.  Hunter S.

Wednesday, January 11 2017

AWB International GeoSpatial Lab-Northern Academy-Artist and the Scientist

2 people were chatting around the Live Blog Campfire

7:44pm



NASA OpenCitySmart WWW Dev

Kiae S. reposted a message from Ron F. Kodiak NASA CitySmart GUI/Layers Development

4:47pm

Example GUI and Layers for HTML programming:[Kodiak WB CitySmart GUI.isf]
[Kodiak WB CitySmart GUI New.doc]Kodiak WB CitySmart GUI.isf
48.4 KBKodiak WB CitySmart GUI New.doc
124 KB**Friday, December 16 2016**

NASA OpenCitySmart WWW Dev

Kiae S. added a new document called Links to look at later

11:16am

<http://pubs.sciepub.com/rse/4/1/1>**Sunday, December 11 2016**

NASA OpenCitySmart WWW Dev

Kiae S. commented on Generated Energy Gage (visualization)

3:25pm

Simple stuff: <http://justgage.com/> Nice!?
<https://canvas-gauges.com/documentation/examples/> Interesting controls:
<http://bernii.github.io/gauge.js/> - From Mr. Patrick**KS On Energy Grid Simulator WWW, Kiae S. added**

3:24pm

 Generated Energy Gage (visualization) Tiger O.**KS On Energy Grid Simulator WWW, Kiae S. reposted**

3:16pm

- Information website
- Web World Wind Front-end Kiae S.
- JSON Filter Seraphim M. Daniel J.
- Influx DB Daniel J.

KS

Kiae S. reposted a file from Ron F. KEA atop-a-wind-turbine.jpg

3:13pm



KS

Kiae S. reposted a file from Ron F. 2013_REC_Pillar Mountain Phase 2 Wind Turbines and Battery System_Darron Scott.pdf

3:13pm

**Kodiak Electric Association, Inc.
Pillar Mountain Wind Project Phase II
Wind Turbines + Battery Energy Storage System**

**Darron Scott
President/CEO**



KS

**Kiae S. reposted a file from Ron F. DFLD-JZ-
5_GE_1.5_Technical_Description.pdf**

3:13pm

GE Energy

Technical Documentation Wind Turbine Generator Systems GE 1.5sle 60 Hz



Technical Description



GE imagination at work

© 2005 GE Energy. All rights reserved.

KS

Kiae S. reposted a message from Ron F. Air Purification and Filtering

3:12pm

Begin research with air filtration systems.

KS

**Kiae S. reposted a message from Ron F. Food - Nanotechnology in
Agriculture**

3:12pm

Start your NanoAg discussions on projects here.

KS

**Kiae S. reposted a message from Ron F. Water Purification and
Treatment**

3:12pm

KS

Kiae S. reposted a message from Ron F. Renewable Energy

3:11pm

Start project activities on Solar, Wind, Hydroelectric and Biofuel here.

Friday, December 9 2016

A World Bridge: Kodiak NASA CitySmart

KS

Kiae S. commented on Web World Wind Front-end

5:42pm

We currently have KEA data only, will get access for KHS wind turbine soon(Wind). I will try simulate some data from KEA on the HOMER .

Thursday, December 8 2016

A World Bridge: Kodiak NASA CitySmart

KS

On Energy Grid Simulator WWW, Kiae S. added

4:31pm

- Information website
- Web World Wind Front-end KS Kiae S.
- JSON Filter SM Seraphim M. DJ Daniel J.
- Influx DB DJ Daniel J.

Wednesday, December 7 2016

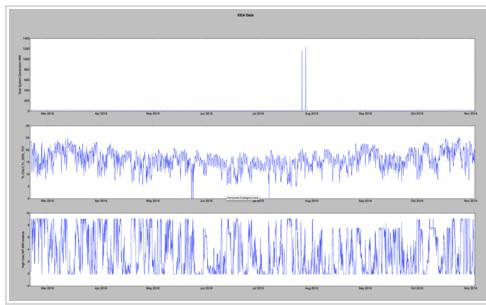
A World Bridge: Kodiak NASA CitySmart

KS

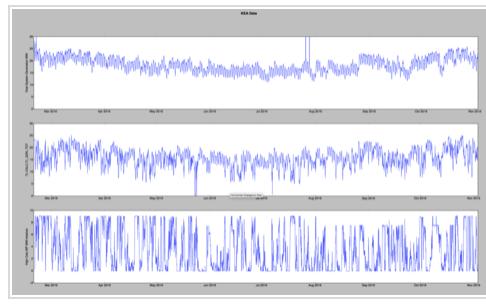
Kiae S. commented on Renewable Energy

2:48pm

[Screen Shot 2016-12-06 at 11.53.09 AM.png][Screen Shot 2016-12-06 at 11.52.58 AM.png]KEA data (Wind turbine, hydroelectric system, and total MW generated) between Feb-Nov 2016's graph looks like this. We might need to ask KEA about the extremely hight two points on July, if we can not figure ou...



Screen Shot 2016-12-06 at 11.53.09 AM.png



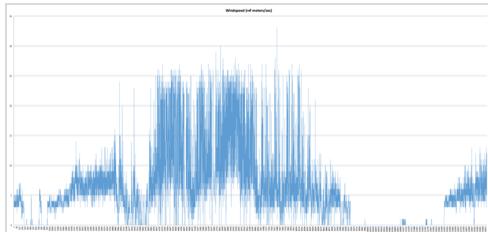
Screen Shot 2016-12-06 at 11.52.58 AM.png

KS

Kiae S. commented on Renewable Energy

2:42pm

[Screen Shot 2016-12-06 at 12.03.51 PM.png]The highest windspeed from Saturday night (3 Dec, 2016) was 73mi/h. This data came from the wind turbine near by the lab.



Screen Shot 2016-12-06 at 12.03.51 PM.png

Thursday, December 1 2016

A World Bridge: Kodiak NASA CitySmart

KS

Kiae S. commented on Water Purification and Treatment

11:45am

Flow control structures

http://www.engr.colostate.edu/~pierre/ce_old/classes/CE413/PPT%20files/KimTanakaYochum_FlowControlStructures_4-14.pdf Figure 35 shows how scour regions have been moved toward the end of the stream barbs, which is also where the channel has migrated. <https://theses.lib.v...>

KS

Kiae S. commented on Water Purification and Treatment

11:17am

River Bank Protection - Some techniques for strengthen the banks.

http://www.engr.colostate.edu/~pierre/ce_old/classes/CE413/PPT%20files/Assignment4.pdf

Tuesday, November 29 2016

A World Bridge: Kodiak NASA CitySmart

KS

Kiae S. commented on Water Purification and Treatment

12:02pm

'IOWA VANES' - p.39

http://www.ctre.iastate.edu/erosion/manuals/streambank_erosion.pdf This structures placed in an eroding stream that cause the flow to be redirected, which results in the deposition of sediment on the eroding bank. According to various articles, technique of redirecting th...

Monday, November 28 2016

A World Bridge: Kodiak NASA CitySmart

KS**Kiae S. commented on Water Purification and Treatment**

11:53am

River Landforms <https://geographyas.info/rivers/river-landforms/>

Monday, November 21 2016

A World Bridge: Kodiak NASA CitySmart

KS**Kiae S. commented on Water Purification and Treatment**

10:52pm

Streams and Drainage Systems

<http://www.tulane.edu/~sanelson/eens1110/streams.htm>**KS****Kiae S. commented on Water Purification and Treatment**

10:40pm

Summary of the Interior Alaska Revegetation and Erosion Control Guide p.18-31

: erosion control techniques

http://plants.alaska.gov/pdf/interior_reveg_web.pdf

Thursday, November 17 2016

A World Bridge: Kodiak NASA CitySmart

KS**Kiae S. added a new file called Hoop House Experimental Design .docx**

11:25am

Tuesday, November 15 2016

A World Bridge: Kodiak NASA CitySmart

KS**Kiae S. added a new file called NanoAg Experiment Chart.xlsx**

11:04am

KS**Kiae S. added a new file called NanoAg Experiment.docx**

11:04am

Monday, November 14 2016

A World Bridge: Kodiak NASA CitySmart

KS**Kiae S. added a new file called Timer setted.jpg**

11:24pm

**Saturday, November 12 2016**

A World Bridge: Kodiak NASA CitySmart

KS**Kiae S. commented on Air filtration system**

8:11pm

<https://www.usgs.gov/news/media-advisory-remobilized-100-year-old-volcanic-ash-it-health-hazard> <http://www.avo.alaska.edu/> Volcanic ash researchers

AWB International GeoSpatial Lab-Fei Tian College/Northern Academy NASA CitySmart

KS

Kiae S. added a new file called Kodiak Hoop House Details.pdf

3:49pm

RIMOL GREENHOUSE SYSTEM GOTHIC STYLE HIGH TUNNEL

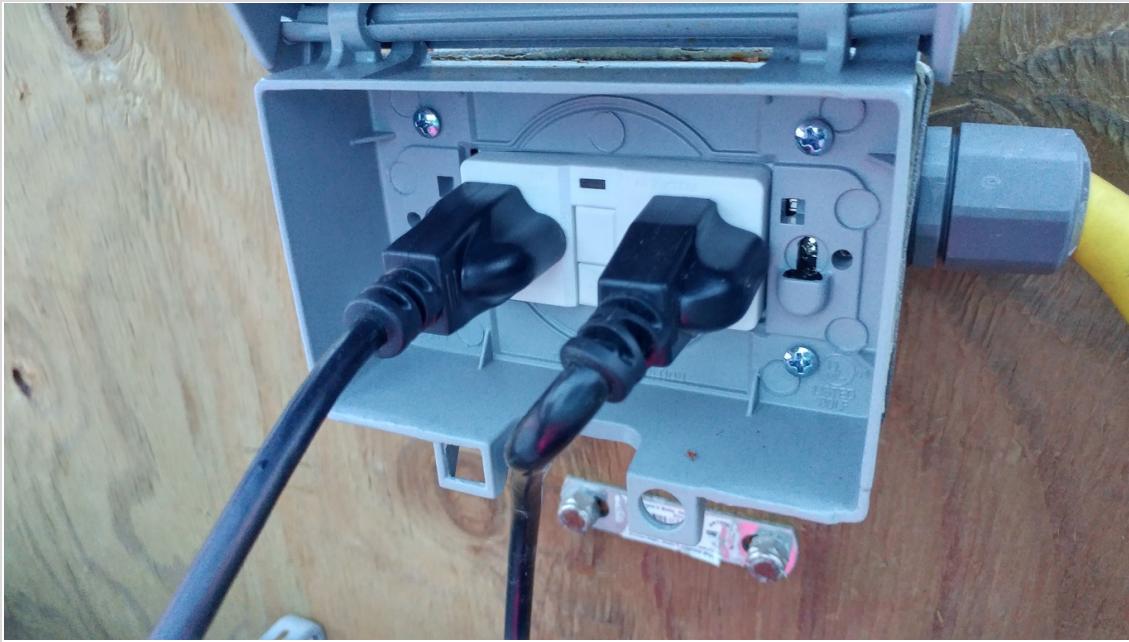
OPTIONS:	COST:
SIZE: 22' x 40' Northpoint Base Package Base package includes 6' groundposts, bows, trusses, wind bracing, 2"x4" endwall brackets, a single layer of poly (enough to cover endwalls), polypatch repair tape, and all necessary hardware.	\$ 4,300.00
Double poly, inflation blower, & jumper hose	not included
Mechanical ventilation, 2- 36" shutters and thermostat	not included
Louvred exhaust fans, 2-3400cfm 20" fans	not included
Circulation fans, 2- 2600CFM HAF	not included
Roll up sides, hardware and gearbox	not included
Polycarbonate endwalls, triple wall 8mm polycarb	not included
Metal end walls (requires cutting & drilling)	not included
3' Double hung sliding doors	not included
Endwall framing not included	
Wood items not included	
QUOTE TOTAL (INCLUDES LOCAL DELIVERY):	\$ 4,300.00

Friday, November 11 2016A World Bridge: Kodiak NASA CitySmart

KS

Kiae S. added a new file called Plug Near By Heater.jpg

9:37pm



KS

Kiae S. added a new file called Little Pea.jpg

9:37pm



KS

Kiae S. added a new file called UV Light.jpg

9:37pm



KS

Kiae S. added a new file called Heater Colseup Picture.jpg

9:37pm



KS

Kiae S. added a new file called Broccoli.jpg

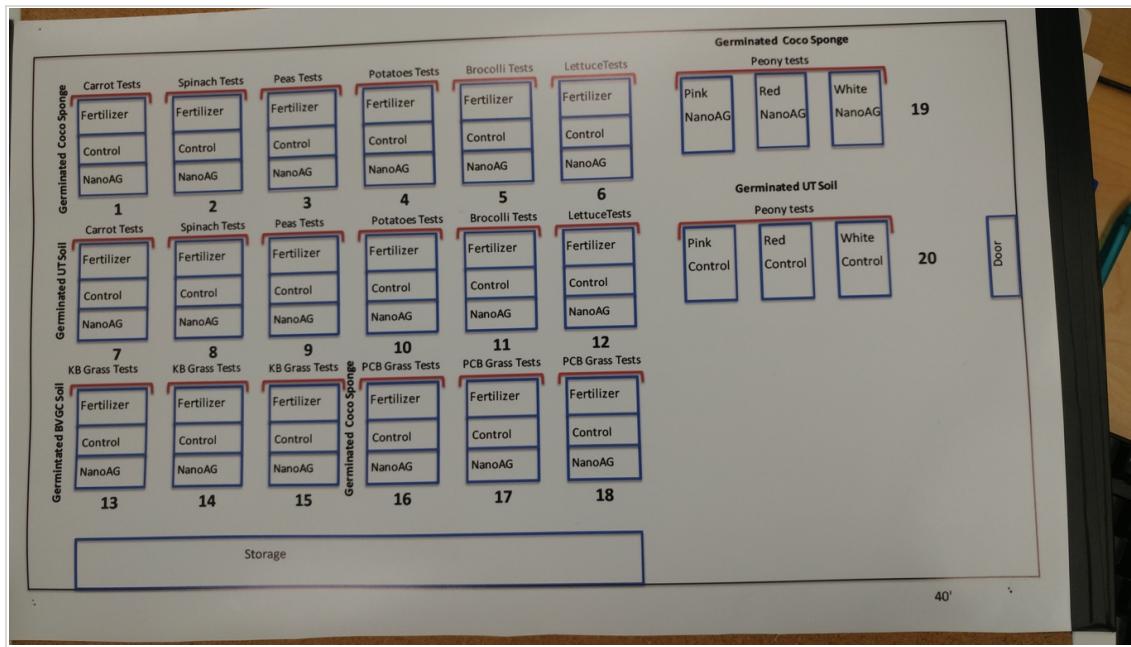
9:37pm

**Thursday, November 10 2016**A World Bridge: Kodiak NASA CitySmart

KS

Kiae S. added a new file called Experimental design poster.jpg

3:30pm



KS

Kiae S. added a new file called Hoop House Detailed Info.pdf

12:10pm

KENAI FEED & SUPPLY	QUOTE #15043
38612 K-BEACH RD	PRICES SUBJECT
KENAI, AK 99611	TO CHANGE
(907) 283-1929	
<hr/>	
Date: February 26th, 2015	
Customer: Stuart Mcdonald	
Phone: 942-5068	
Email: smcdonald01@kibsd.org	
Address: Kodiak	
<i>KMS</i>	
<hr/>	
RIMOL GREENHOUSE SYSTEM GOTHIC STYLE HIGH TUNNEL	
OPTIONS:	COST:
SIZE: 22' x 40' Northpoint Base Package Base package includes 6' groundposts, bows, trusses, wind bracing, 2"x4" endwall brackets, a single layer of poly (enough to cover endwalls), polypatch repair tape, and all necessary hardware.	\$ 4,300.00
Double poly, inflation blower, & jumper hose	not included
Mechanical ventilation, 2- 36" shutters and thermostat	not included
Louvred exhaust fans, 2-3400cfm 20" fans	not included
Circulation fans, 2- 2600CFM HAF	not included
Roll up sides, hardware and gearbox	not included
Polycarbonate endwalls, triple wall 8mm polycarb	not included
Metal end walls (requires cutting & drilling)	not included
3' Double hung sliding doors	not included
Endwall framing not included	
Wood items not included	
QUOTE TOTAL (INCLUDES LOCAL DELIVERY):	\$ 4,300.00
<hr/>	
TERMS:	
75% DEPOSIT REQUIRED UPON ORDER:	\$ 3,225.00
25% BALANCE DUE UPON DELIVERY:	\$ 1,075.00
<hr/>	
CUSTOMER SIGNATURE:	DATE:

KS

Kiae S. added a new file called Sensor Solutions.docx

11:56am

Tuesday, November 8 2016

A World Bridge: Kodiak NASA CitySmart

**Kiae S. added a new file called Hoop House Information.docx**

12:10pm

Monday, November 7 2016

AWB International GeoSpatial Lab-Fei Tian College/Northern Academy NASA CitySmart

**Kiae S. added a new file called Greenhouse planning from 2015-16.docx**

9:16pm

A World Bridge: Kodiak NASA CitySmart

**Kiae S. added a new file called Greenhouse planning from BaseCamp2.docx**

11:50am

Thursday, November 3 2016

AWB International GeoSpatial Lab-Fei Tian College/Northern Academy NASA CitySmart

2 people were chatting around the Live Blog Campfire

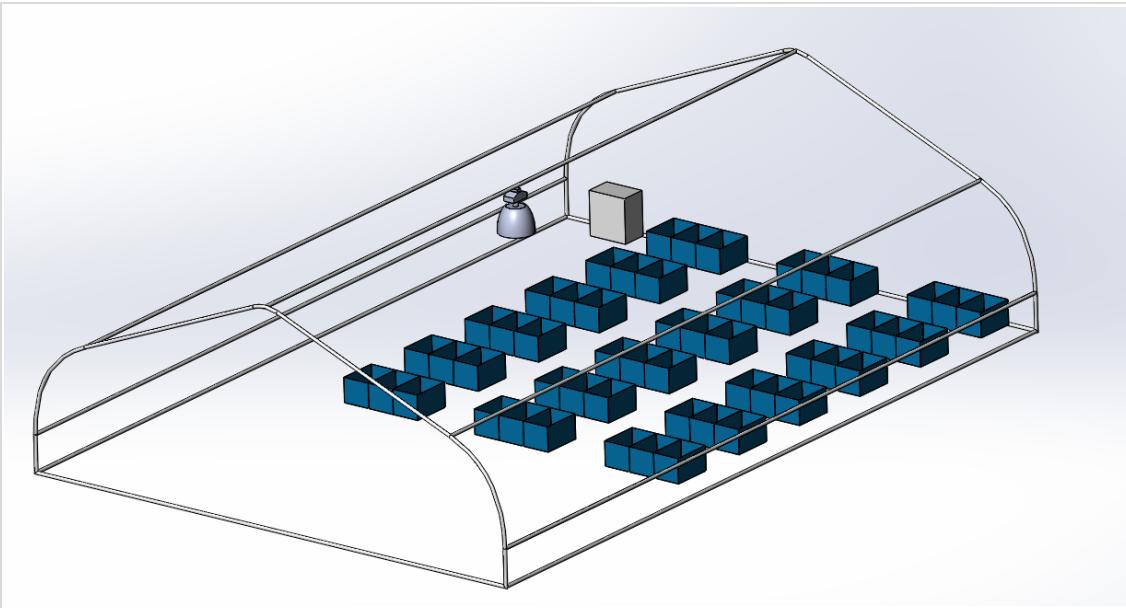
2:15pm



KS

Kiae S. added a new file called solidwork_hoop.png

11:27am



KS

Kiae S. added a new file called Hoop House Night View.jpg

11:27am



KS

Kiae S. added a new file called Hoop House Night View-Side.jpg

11:27am



KS

Kiae S. added a new file called Hoop House.jpg

11:27am



KS

Kiae S. added a new file called Hoop House Lighting_1.jpg

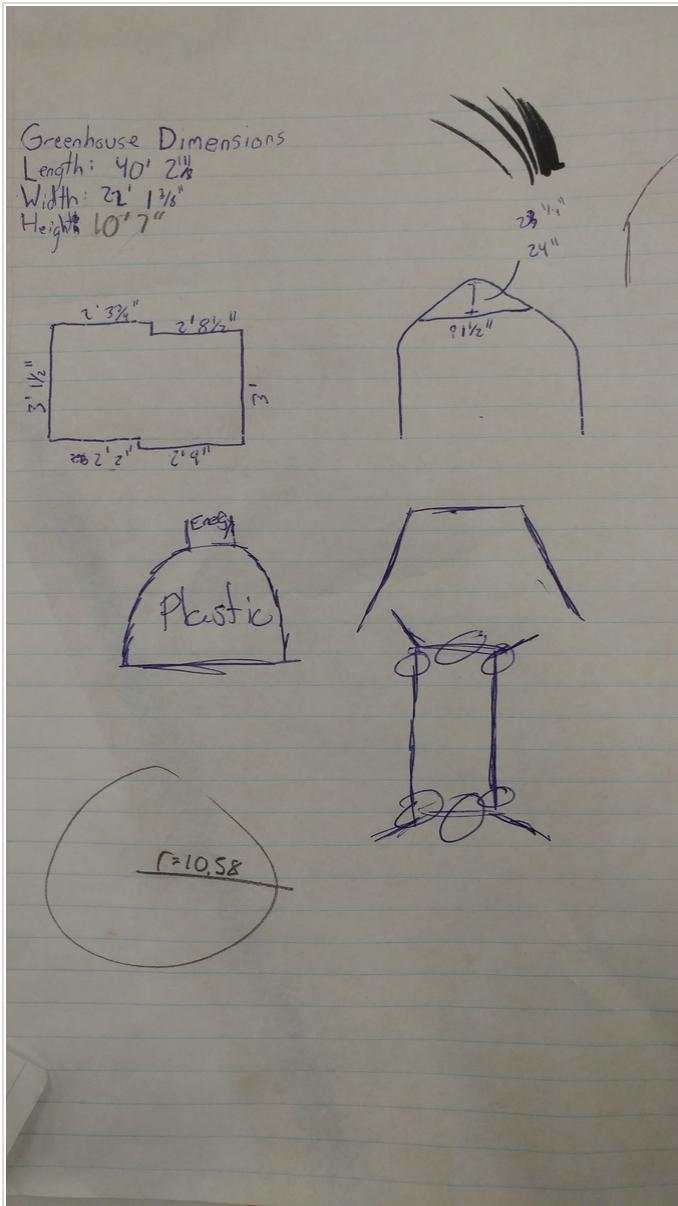
11:27am

A World Bridge: Kodiak NASA CitySmart

KS

Kiae S. reposted a file Hoop House Dimension.jpg

11:23am



KS

Kiae S. reposted a file Hoop House Lighting_1.jpg

11:23am



KS

Kiae S. reposted a file Hoop House.jpg

11:23am



KS

Kiae S. reposted a file Hoop House Night View-Side.jpg

11:23am



KS

Kiae S. reposted a file Hoop House Night View.jpg

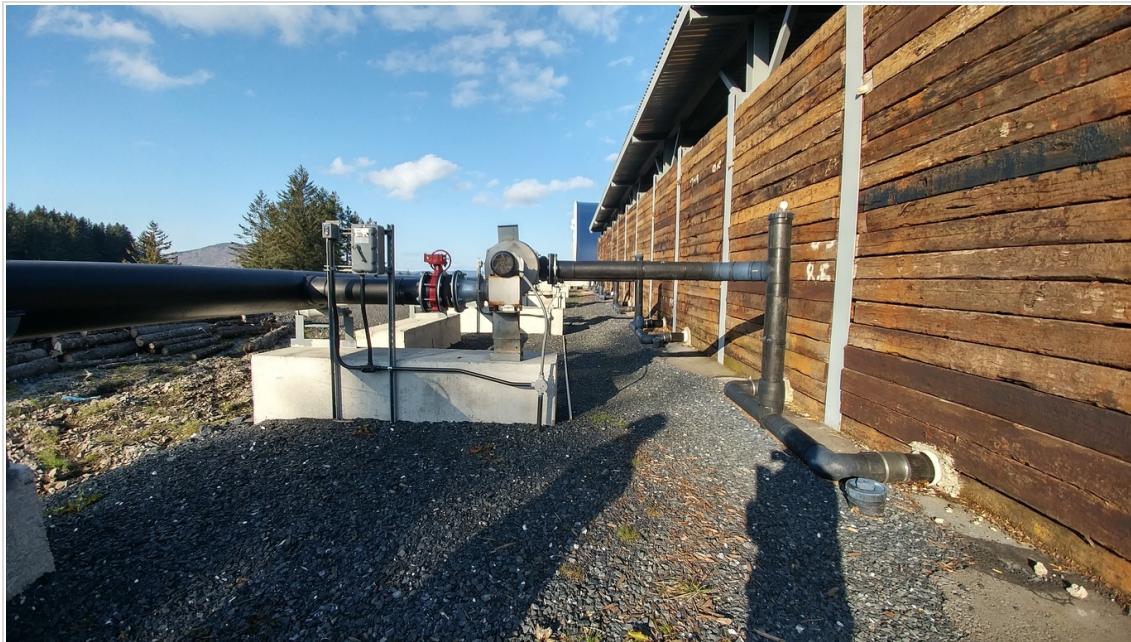
11:23am

**Friday, October 28 2016**A World Bridge: Kodiak NASA CitySmart

KS

Kiae S. added a new file called Heat Transport System.jpg

11:20am

**Tuesday, October 18 2016**A World Bridge: Kodiak NASA CitySmart

KS**Kiae S. commented on Food - Nanotechnology in Agriculture**

12:03pm

<http://www.hrt.msu.edu/uploads/535/78622/HT-LightTempManagement-2013-10pgs.pdf> Hoop house info

Thursday, October 13 2016

A World Bridge: Kodiak NASA CitySmart

KS**Kiae S. added a new file called Aerator.jpg**

12:10pm



KS

Kiae S. added a new file called Aerator.jpg

12:10pm



KS

Kiae S. added a new file called Aerator.jpg

12:10pm



KS

Kiae S. added a new file called 6-Days-old Compost stack.jpg

12:02pm



KS

Kiae S. added a new file called 27-Days-old Compost stack.jpg

12:02pm

**Tuesday, October 4 2016**

A World Bridge: Kodiak NASA CitySmart

KS

Kiae S. added a new file called Nano Agriculture Greenhouse Seeds.docx 11:45am

KS

Kiae S. added a new file called Kodiak Greenhouse Tray Config (2).xlsx 11:42am

KS

Kiae S. added a new file called Planting Specifications.docx

11:39am

 **Kiae S. added a new file called Experimental Design Report Edit2 CS.docx** 11:39am

 **Kiae S. added a new file called Experimental Design Micro.docx** 11:39am

Friday, September 30 2016

A World Bridge: Kodiak NASA CitySmart

 **Kiae S. commented on Compost Facility Trip** 5:25pm
Please comment below if you will participate in this trip. If you are busy, try your best to make it.

 **On Schedule, Kiae S. added** 4:58pm
Compost Facility Trip Tue, Oct 4, 4:00pm - 6:00pm AKDT

Wednesday, September 28 2016

A World Bridge: Kodiak NASA CitySmart

 **Kiae S. commented on Pillar Mt. Wind Turbine Mapping** 5:57pm
[Flight Tracking.docx]

Flight Tracking.docx
20.9 KB

 **On Schedule, Kiae S. added** 4:20pm
Pillar Mt. Wind Turbine Mapping Thu, Sep 29

2 people were chatting around the Live Chat/Blog Campfire 1:35pm



Tuesday, September 27 2016

A World Bridge: Kodiak NASA CitySmart



Kiae S. added a new file called **NASA CitySmart flowchart.isf**

12:10pm

Monday, September 26 2016

A World Bridge: Kodiak NASA CitySmart



Kiae S. commented on Develop spreadsheet for all NanoAg sensors and probes 6:08pm

Hi Keaton, thank you for all of your work so far. I just found a video that could help you creating spreadsheet. <https://www.youtube.com/watch?v=HrkChzDYmCI>



Kiae S. added a new file called Sonsors&Probes.jpg

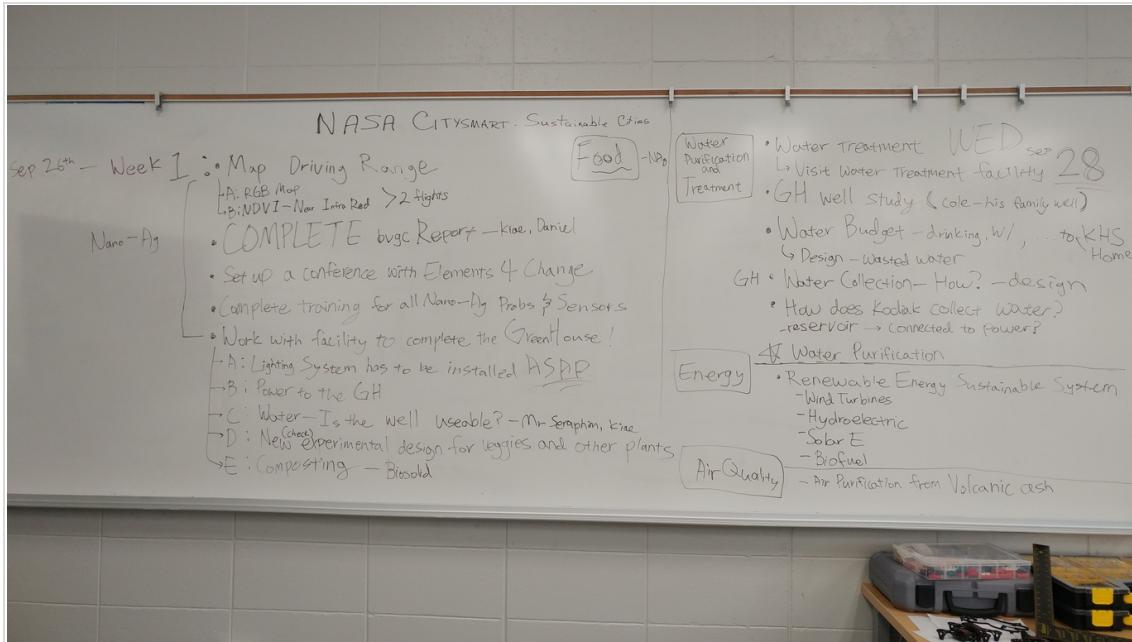
6:04pm



KS

Kiae S. added a new file called CitySmart Tpoics.jpg

5:54pm



KS

Kiae S. added a new file called September 9th 2016 Treatment.docx

12:03pm

Sunday, September 25 2016

A World Bridge: Kodiak NASA CitySmart

KS

Kiae S. added a new file called 20160916_155542.jpg

11:08pm



KS

Kiae S. added a new file called 20160916_160411.jpg

11:08pm



KS

Kiae S. added a new file called 20160916_180623.jpg

11:08pm



KS

Kiae S. added a new file called 20160916_170835.jpg

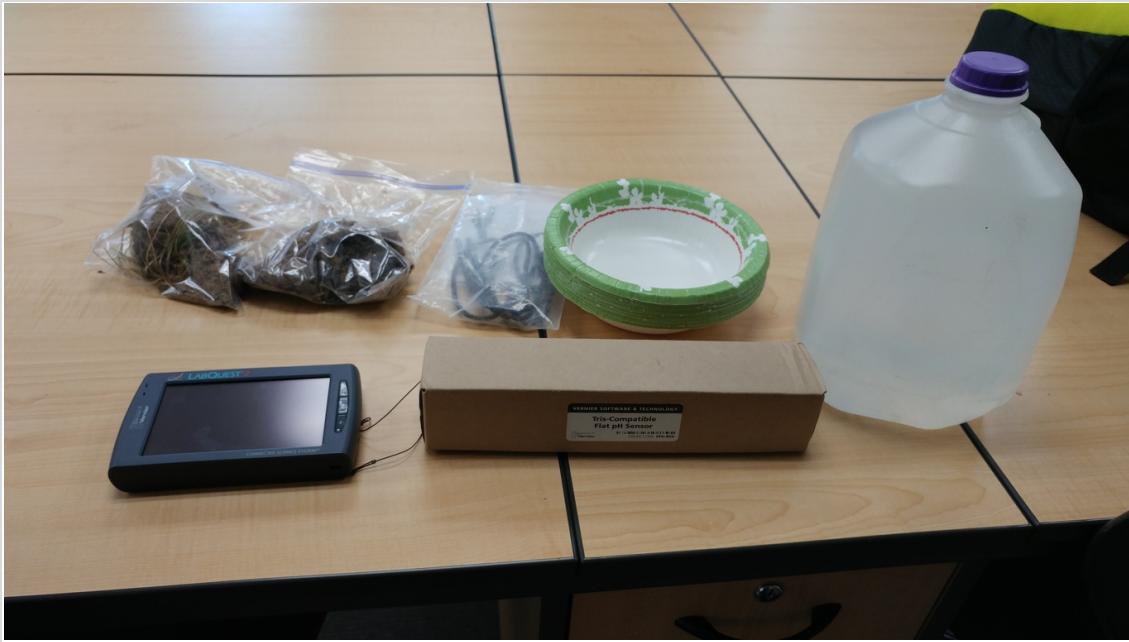
11:08pm



KS

Kiae S. added a new file called 20160916_165407.jpg

11:08pm



Saturday, September 24 2016

A World Bridge: Kodiak NASA CitySmart

KS

Kiae S. replaced a file with a new version called: July 1st 2016 Treatment.docx

10:24pm

Friday, September 23 2016

A World Bridge: Kodiak NASA CitySmart

KS

Kiae S. answered: Weekly Status Review: 1. Previous Week's Goals, 2. Current Status, 3. Upcoming Week's Goals

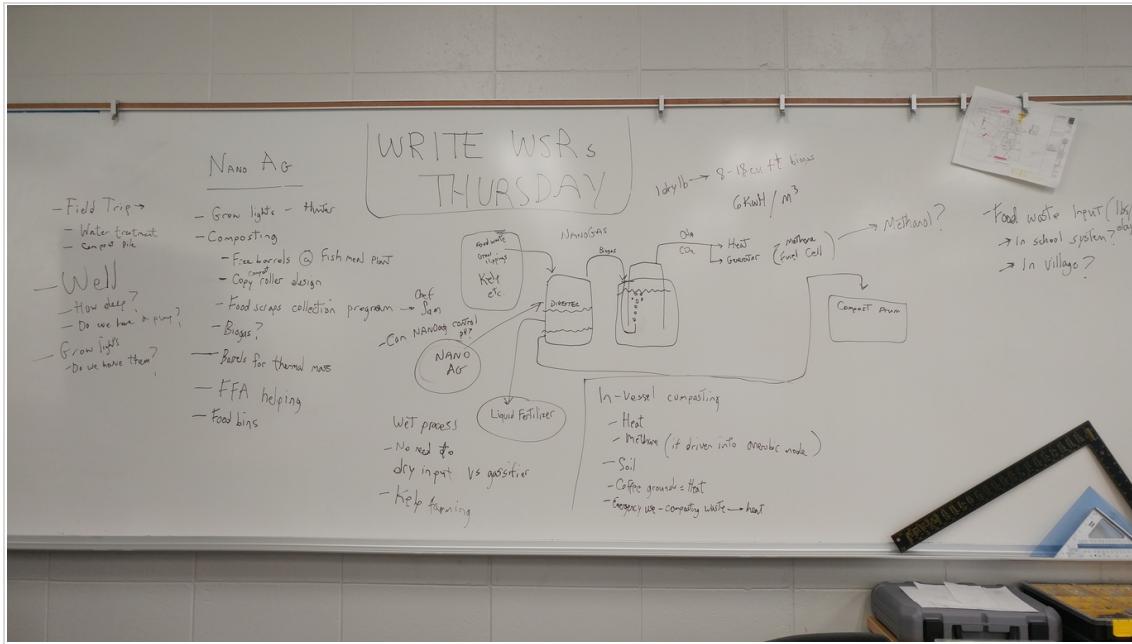
7:32pm

Date: September 23, 2016 Projects: NanoAg project, ESP projet Subproject: Artists and Scientists project Previous Week Goals: Nano ag : Went field trip (BVGC, P&R) to collect soil samples. Took measurements of samples. Measured dimension of the green house. Discussed about the light, heat, a...

KS

Kiae S. added a new file called Bio Gas, Bio Solid Compost.jpg

9:52am

**Thursday, September 22 2016**

A World Bridge: Kodiak NASA CitySmart

KS

Kiae S. added a new file called Report For Conference .docx

4:34pm

KS

Kiae S. added a new file called pH and SM Charts 2016.xlsx

4:28pm

KS

Kiae S. added a new file called Mission Plan for Next Treatment September.docx

4:28pm

 Kiae S. added a new file called **Mission Plan for Next Treatment July.docx** 4:28pm

 Kiae S. added a new file called **May 26th 2016 Treatment.docx** 4:28pm

 Kiae S. added a new file called **July 1st 2016 Treatment.docx** 4:28pm

 Kiae S. added a new file called **July 1st 2016 SoilMoistureand pH.xlsx** 4:28pm

 Kiae S. added a new file called
September_16_pH_and_SM_Charts_2016.xlsx 4:27pm

Wednesday, September 21 2016

A World Bridge: Kodiak NASA CitySmart

 Kiae S. commented on **Air Purification and Filtering** 8:53pm
<https://www.indiegogo.com/projects/noria-cool-redefined-home#/> Air conditioner from Noria

 Kiae S. commented on **Air filtration system** 8:29pm
<http://coolmaterial.com/home/noria-air-conditioner/>

KS

Kiae S. commented on Air filtration system
<https://www.youtube.com/watch?v=nktasCqHjzg>

8:28pm

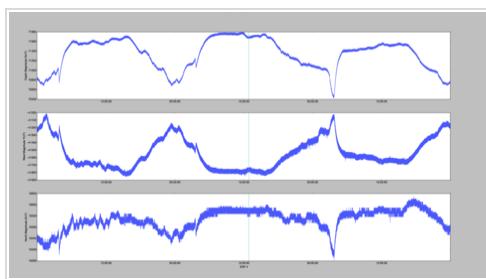
Monday, September 12 2016

World Bridge Earthquake Signal Precursors (ESP)

KS

Kiae S. commented on 2016-09-10 02:32:24 (UTC) M 4.3 - 125km SSE of Larsen Bay, Alaska

[Screen Shot 2016-09-12 at 12.06.45 PM.png]



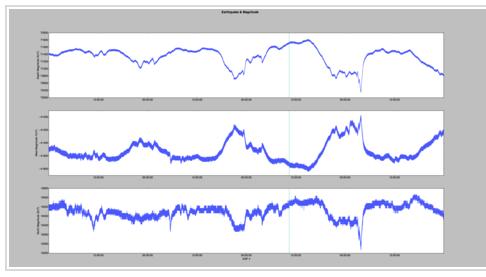
Screen Shot 2016-09-12 at 12.06.45 PM.png

KS

Kiae S. commented on 2016-09-06 10:25:40 (UTC) M 3.3 - 48km N of Larsen Bay, Alaska

12:03pm

[Screen Shot 2016-09-12 at 12.01.45 PM.png]



Screen Shot 2016-09-12 at 12.01.45 PM.png

KS

On ESP Event Research, Kiae S. added

11:30am

- 2016-09-10 02:53:49 (UTC) M 4.2 - 151km SSE of Larsen Bay, Alaska
- 2016-09-10 02:32:24 (UTC) M 4.3 - 125km SSE of Larsen Bay, Alaska
- 2016-09-06 10:25:40 (UTC) M 3.3 - 48km N of Larsen Bay, Alaska

Tuesday, September 6 2016

World Bridge Earthquake Signal Precursors (ESP)

KS

On ESP Event Research, Kiae S. added

11:58am

- 2016-08-19 17:36:28 (UTC) M 4.2 - 52km N of Valdez, Alaska ()

- 2016-08-29 19:36:39 (UTC) M 3.4 - 84km NE of Kodiak, Alaska

Tuesday, August 30 2016

World Bridge Earthquake Signal Precursors (ESP)

- KS** **On ESP Event Research, Kiae S. added** 8:37am
- 2016-08-28 02:51:43 (UTC) M 4.1 - 161km ESE of Kodiak, Alaska
 - 2016-08-27 15:14:05 (UTC) M 5.0 - 57km SSE of Chignik Lake, Alaska

Tuesday, August 2 2016

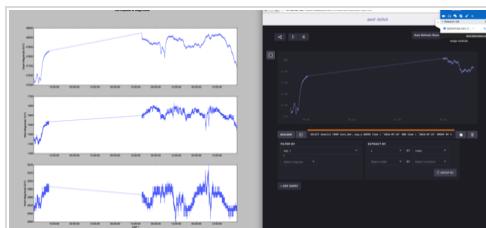
World Bridge Earthquake Signal Precursors (ESP)

- KS** **On ESP Event Research, Kiae S. added** 10:50am
- 02Aug16 Mag 4.2 - 27km ESE of Y

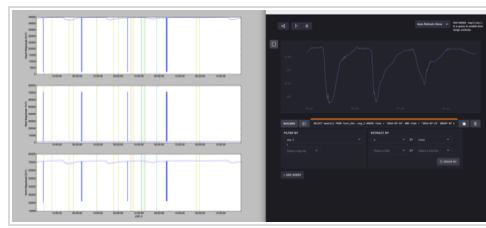
Friday, July 29 2016

World Bridge Earthquake Signal Precursors (ESP)

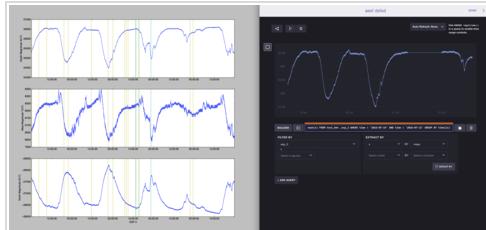
- KS** **Kiae S. commented on Updates on our Hunt for Earthquakes** 2:11pm
- Here are the range of latest data that not transmitted. However, Mr.Seraphim found out that data were stored on the server, so we can import those data on our web. : ESP 1 : 2016-07-19 08:58:59 ~ 2016-07-22 07:59:00 [Screen Shot 2016-07-29 at 11.16.20 AM.png] ESP 2 : 2016-07-21 14:17:29 ~ 2016-...



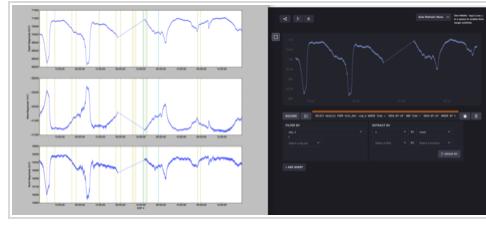
Screen Shot 2016-07-29 at 11.16.20 AM.png



Screen Shot 2016-07-29 at 12.02.40 PM.png



Screen Shot 2016-07-29 at 11.01.28 AM.png



Screen Shot 2016-07-29 at 12.06.17 PM.png

Wednesday, July 27 2016

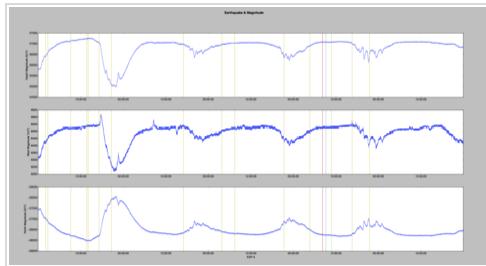
World Bridge Earthquake Signal Precursors (ESP)

- KS Kiae S. commented on Updates on our Hunt for Earthquakes** 2:45pm
The problem with internet fixed up.
- KS Kiae S. commented on Updates on our Hunt for Earthquakes** 2:03pm
Hello all, Kodiak High School (where the main server located) has Internet connection problem from around 1pm akdt. If there's any problems with the server side, it could be caused by internet. I will let you know when Internet fixed.

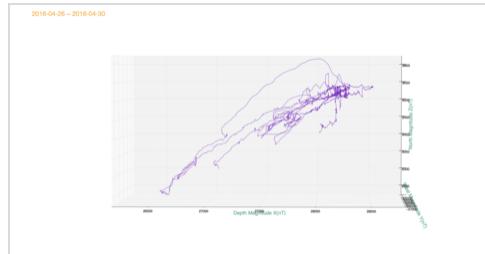
Friday, July 22 2016

World Bridge Earthquake Signal Precursors (ESP)

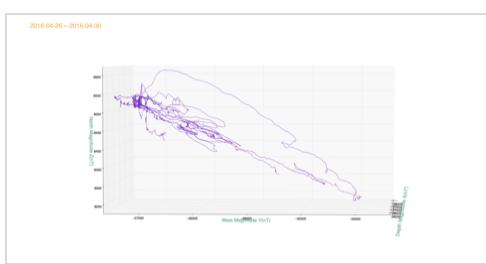
- KS Kiae S. commented on 29Apr16 Mag 4.9 - 94km SSW of Homer** 3:56pm
[raw data from ESP3][Data re-sampled in 1minute interval (ESP3)][Data re-sampled in 1 minute interval (ESP3)] Graphed x,y,z magnitude in same space.



raw data from ESP3



Data re-sampled in 1minute interval (ESP3)



Data re-sampled in 1 minute interval (ESP3)

Wednesday, July 20 2016

World Bridge Earthquake Signal Precursors (ESP)

- KS Kiae S. commented on Updates on our Hunt for Earthquakes** 3:27pm
Okay, and You're welcome!! :)

- KS** **Kiae S. commented on Updates on our Hunt for Earthquakes** 2:57pm
Sorry if it's not. I am not good at this part but I am the only person in the lab right now. I will ask mr seraphim later when he is available to contact with us.

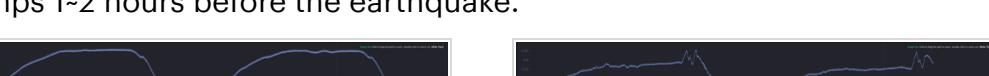
KS **Kiae S. commented on Updates on our Hunt for Earthquakes** 2:50pm
I can't figure out which is the 'EEPROM' but I can find 'LM2596 Step-down Voltage Regulator' connected to the pi station. Is it the thing that you looking for? or Is that EEPROM is in the raspberry pi???

KS **Kiae S. commented on Updates on our Hunt for Earthquakes** 2:29pm
I can look at it. Do you mean the EEPROM that connected with raspberry pi?

Tuesday, July 19 2016

World Bridge Earthquake Signal Precursors (ESP)

- Kiae S. commented on 19Jul2016 Mag 3.8 - 100km NE of Chingik Lake** 10:23am
[esp 3 x][esp 3 y][esp 3 z] Graph's time zone is AKDT. I can barely see little bumps 1~2 hours before the earthquake.



The figure consists of three separate seismogram plots arranged in a grid. Each plot shows a blue line representing ground motion over time, with the x-axis labeled 'Time' and the y-axis labeled 'Amplitude'. The top row contains two plots: the left one is labeled 'esp 3 x' and the right one is labeled 'esp 3 y'. The bottom row contains one plot labeled 'esp 3 z'. All three plots show a relatively stable signal until approximately 10 hours before the event, where they begin to exhibit small, irregular fluctuations or 'bumps' that indicate the onset of seismic activity.

- KS** On ESP Event Research, Kiae S. added 10:15am
 19Jul2016 Mag 3.8 - 100km NE of Chingik Lake

Monday, July 18 2016

World Bridge Earthquake Signal Precursors (ESP)

- KS** **Kiae S. commented on Updates on our Hunt for Earthquakes** 4:03pm
%matplotlib osx import matplotlib.dates as mdates import datetime as dt from
datetime import timedelta import numpy as np #from scipy.signal import
butter, lfilter import matplotlib.pyplot as plt import pandas as pd import sys
import stationsdata as station import loadearthquake as eaq import loa...

Wednesday, July 13 2016

World Bridge Earthquake Signal Precursors (ESP)

KS

Kiae S. commented on Updates on our Hunt for Earthquakes

6:03pm

We are finishing the server set up, and will get the Pi online tomorrow.

Saturday, July 9 2016World Bridge Earthquake Signal Precursors (ESP)

KS

Kiae S. commented on Updates on our Hunt for Earthquakes

12:34pm

Hello, does anyone have problem with loading data from server?

Friday, July 8 2016World Bridge Earthquake Signal Precursors (ESP)

KS

Kiae S. commented on Updates on our Hunt for Earthquakes

4:12pm

Thank you, Mr. Ron! I will try it .

KS

Kiae S. commented on Updates on our Hunt for Earthquakes

4:11pm

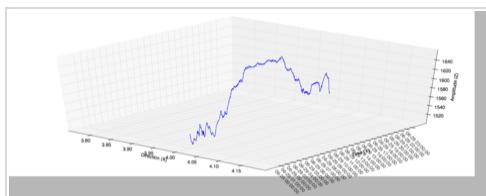
Hello Mr. Patrick, Thank you! There was two earthquake occurred, [2016-06-29 08:37:22] at 138km NW of Sand Point, [2016-06-29 12:25:44] at 79km SE of Cold Bay. I am pretty sure it has anomalous form.

KS

Kiae S. commented on Updates on our Hunt for Earthquakes

3:58pm

[Screen Shot 2016-07-08 at 3.33.50 PM.png] We graphed June 29th's data in 3d scale. Y- axis represents the time, and Z- axis represents the amplitude. We put constant value 4 i X- axis instead of actual 'value'. * Sensor Coordinates to World Coordinates: +X = -Z (Down) +Y = -X (West) +Z = +Y...



Screen Shot 2016-07-08 at 3.33.50 PM.png

Thursday, June 30 2016World Bridge Earthquake Signal Precursors (ESP)

KS

On ESP Event Research, Kiae S. added

3:12pm

- 29Jun16 Mag 4.8 - 79km SE of Cold Bay
- 29Jun16 Mag 5.3 - 138km NW of Sand Point

Monday, June 27 2016

World Bridge Earthquake Signal Precursors (ESP)

- KS** **On ESP Event Research, Kiae S. added** 10:20am
- 14Jun16 Mag 4.1 - 95km NNE of Chignik Lake
 - 26Jun16 Mag 4.0 - 94km W of willow

Friday, June 24 2016

World Bridge Earthquake Signal Precursors (ESP)

- KS** **Kiae S. commented on Updates on our Hunt for Earthquakes** 3:00pm
- Hello Gabriel, Mr Seraphim is out of town today, and he said he will check as soon as he can. Sorry that I can't help you with this raw data problem.

Thursday, June 23 2016

World Bridge Earthquake Signal Precursors (ESP)

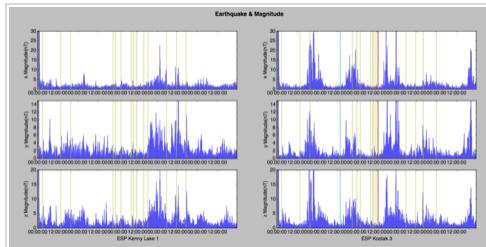
- KS** **On ESP Event Research, Kiae S. checked off:** 10:45pm
- 14Jun16 Mag 4.1 - 95km NNE of Chignik Lake

KS

Kiae S. commented on 14Jun16 Mag 4.1 - 95km NNE of Chignik Lake

4:08pm

[Screen Shot 2016-06-23 at 3.51.53 PM.png][Screen Shot 2016-06-23 at 4.00.41 PM.png] Red stripe represents this earthquake. I reset distance limit of both platform for 500km, and Kenny Lake platform seems it is little bit too far away to capture this event. All but you can see little spikes arou...



Screen Shot 2016-06-23 at 3.51.53 PM.png

Earthquake & Magnitude		
2.7	100km NNE of Chignik Lake, Alaska 2016-06-14 13:10:37 UTC	4.9 km
4.1	95km NNE of Chignik Lake, Alaska 2016-06-14 12:51:36 UTC	10.0 km
2.7	32km NNE of Sterling, Alaska 2016-06-14 11:42:11 UTC	42.5 km
2.5	122km NE of Chignik Lake, Alaska 2016-06-14 10:22:32 UTC	14.8 km
2.2	16km NE of Sterling, Alaska 2016-06-14 08:21:18 UTC	44.6 km
2.1	48km S of False Pass, Alaska 2016-06-14 08:08:05 UTC	73.5 km
2.1	94km SSE of False Pass, Alaska 2016-06-14 04:24:10 UTC	25.7 km
2.9	116km SE of Cold Bay, Alaska 2016-06-14 03:10:43 UTC	34.1 km
2.6	35km SSW of Cohoe, Alaska 2016-06-14 02:12:24 UTC	69.2 km
3.0	93km SSE of Chignik Lake, Alaska 2016-06-14 00:13:11 UTC	32.2 km
2.1	72km W of Anchor Point, Alaska 2016-06-13 21:27:35 UTC	99.5 km
3.4	97km SSE of Chignik Lake, Alaska 2016-06-13 14:11:35 UTC	19.7 km

Screen Shot 2016-06-23 at 4.00.41 PM.png

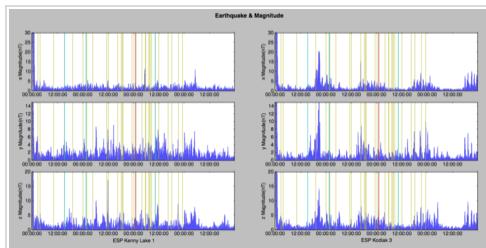
3.3	5km ENE of Ridgeway, Alaska 2016-06-16 15:29:58 UTC	54.1 km
2.4	88km N of Redoubt Volcano, Alaska 2016-06-16 10:18:15 UTC	0.1 km
3.0	31km NW of Anchor Point, Alaska 2016-06-16 03:53:31 UTC	90.2 km
2.1	49km SSE of Redoubt Volcano, Alaska 2016-06-16 02:50:56 UTC	97.0 km
2.1	60km N of Valdez, Alaska 2016-06-16 00:24:08 UTC	20.0 km
2.3	109km NE of Chignik Lake, Alaska 2016-06-15 23:58:47 UTC	11.0 km
2.6	26km WSW of Talkeetna, Alaska 2016-06-15 17:20:10 UTC	60.1 km
2.5	106km W of Old Iliamna, Alaska 2016-06-15 16:10:52 UTC	7.9 km
2.3	54km WNW of Willow, Alaska 2016-06-15 11:37:03 UTC	66.2 km
2.2	26km ESE of Seward, Alaska 2016-06-15 05:43:08 UTC	16.9 km
2.0	57km NW of Valdez, Alaska 2016-06-15 04:47:26 UTC	14.9 km
2.7	100km NNE of Chignik Lake, Alaska 2016-06-14 13:10:37 UTC	4.9 km
4.1	95km NNE of Chignik Lake, Alaska 2016-06-14 12:51:36 UTC	10.0 km

Screen Shot 2016-06-23 at 4.07.52 PM.png

KS **On ESP Event Research, Kiae S. added** 3:49pm
 14Jun16 Mag 4.1 - 95km NNE of Chignik Lake

KS **On ESP Event Research, Kiae S. checked off:** 1:37pm
 17Jun16 Mag 5.0 - 143km S of False Pass

KS **Kiae S. commented on 17Jun16 Mag 5.0 - 143km S of False Pass** 12:18pm
 [Screen Shot 2016-06-23 at 10.59.54 AM.png] [Screen Shot 2016-06-23 at 12.10.42 PM.png] Data from June 16-19. Since epic center was far away from both platforms, they captured little spikes. The big spikes on 17th June appeared to correspond to other earthquakes that occurred near by the platforms.



Screen Shot 2016-06-23 at 10.59.54 AM.png

5.0	143km S of False Pass, Alaska	10.0 km
2016-06-18 01:12:49 UTC		
3.0	96km NE of Chernabura Island, Alaska	25.6 km
2016-06-18 00:25:26 UTC		
3.6	73km SSW of Unalaska, Alaska	38.1 km
2016-06-17 13:04:33 UTC		
3.0	79km E of Old Iliamna, Alaska	141.4 km
2016-06-17 02:01:57 UTC		
3.5	14km WSW of Anchor Point, Alaska	82.6 km
2016-06-17 01:40:52 UTC		
3.3	5km ENE of Ridgeway, Alaska	54.1 km
2016-06-16 15:29:58 UTC		

Screen Shot 2016-06-23 at 12.10.42 PM.png

KS **Kiae S. commented on 21May16 Mag 4.5 - 121km W of Talkeetna** 9:14am
 I will start working on automatic zoom in chart today.

Wednesday, June 22 2016

World Bridge Earthquake Signal Precursors (ESP)

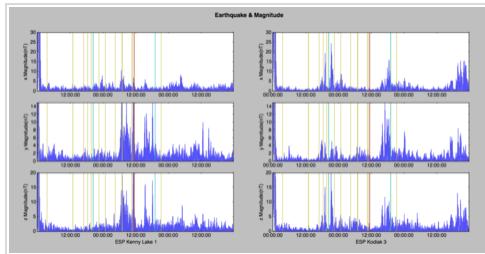
KS **On ESP Event Research, Kiae S. checked off:** 3:59pm
 21May16 Mag 4.5 - 121km W of Talkeetna

ks

Kiae S. commented on 21May16 Mag 4.5 - 121km W of Talkeetna

3:59pm

[Screen Shot 2016-06-22 at 3.50.53 PM.png] Red Stripe - Earthquake > 4.0 Cyan Stripe - Earthquake > 3.0 Yellow Stripe - Earthquake > 2.0 Data from May 20-22. Earthquake occurred pretty far away from ESP platforms, so I had to change maximum distance limit to 800km. As you can see, ESP 1 shows ...



Screen Shot 2016-06-22 at 3.50.53 PM.png

ks

Kiae S. commented on Charting Development

11:33am

```
def load_magnetic_data_esp(esp_station, min_date, max_date, intranet = 1):  
    station_map = { 'ESP_1' : 10, 'ESP_2' : 11, 'ESP_3' : 7, 'ESP_4' : 8 }  
    print("Loading earthquake data", end="")  
    start = process_time()
```

Tuesday, June 21 2016

World Bridge Earthquake Signal Precursors (ESP)

ks

On ESP Event Research, Kiae S. checked off:

4·10nm

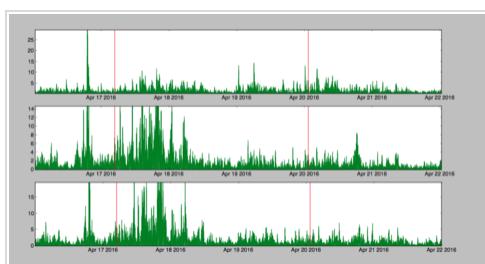
- ✓ 19Apr16 Mag 3.9 - 61km SSW of Redoubt Volcano

ks

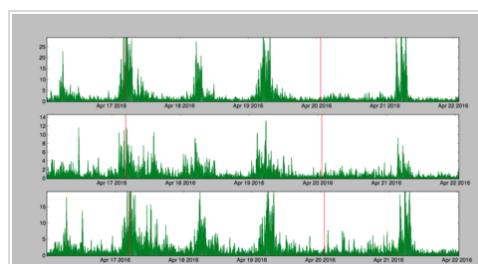
Kiae S. commented on 19Apr16 Mag 3.9 - 61km SSW of Redoubt Volcano 4:09pm

4:09pm

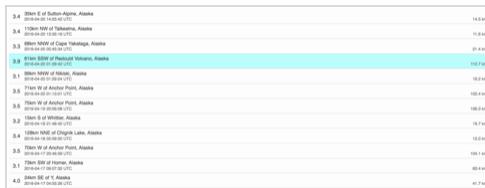
[Screen Shot 2016-06-21 at 4.05.11 PM.png] Kenny Lake [Screen Shot 2016-06-21 at 4.03.07 PM.png] ESP Kodiak3 [Screen Shot 2016-06-21 at 4.08.04 PM.png] Both sensors captured anomaly before earthquake(2nd red stripe)



Screen Shot 2016-06-21 at 4.05.11 PM.png



Screen Shot 2016-06-21 at 4.03.07 PM.png



Screen Shot 2016-06-21 at 4.08.04 PM.png

KS

On ESP Event Research, Kiae S. added

2:57pm

19Apr16 Mag 3.9 - 61km SSW of Redoubt Volcano

Monday, June 20 2016**World Bridge Earthquake Signal Precursors (ESP)**

KS

Kiae S. commented on Charting Development

10:27pm

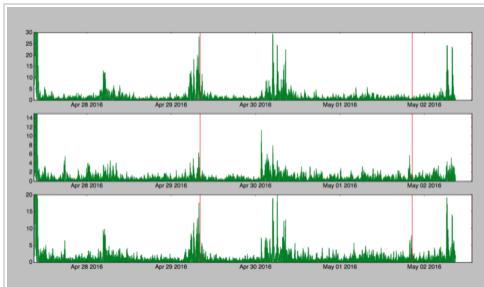
<https://www.youtube.com/watch?v=MNLmQJtCCZY&list=PLQVvaaOQuDe8XSftW-RAxdo6OmaeL85M&index=53>
matplotlib in python 3

KS

Kiae S. commented on - Build charting system that auto zooms to potential events

3:44pm

I have been use a code from other intern's GitHub (thank you), and loaded couple days before&after 29Apr16 08:17:33(UTC) Mag 4.9 - 94km SSW of Homer event. I changed minimum magnitude scale to 4, to show more clear correlation of 29th event. [Screen Shot 2016-06-20 at 3.39.39 PM.png]



Screen Shot 2016-06-20 at 3.39.39 PM.png

Friday, June 17 2016**World Bridge Earthquake Signal Precursors (ESP)**

KS

On ESP Event Research, Kiae S. added

11:10pm

17Jun16 Mag 5.0 - 143km S of False Pass

Thursday, June 16 2016**World Bridge Earthquake Signal Precursors (ESP)****2 people were chatting around the Campfire**

7:54pm



Tuesday, June 14 2016

World Bridge Earthquake Signal Precursors (ESP)

KS

On ESP Event Research, Kiae S. added

1:50pm

- 1Apr16 Mag 5.9 - 98km NNE of Chignik Lake
- 1Apr16 Mag 4.1 - 104km NNE of Chignik Lake
- 1Apr16 Mag 4.4 - 112km NNE of Chignik Lake
- 2Apr16 Mag 4.1 - 117km NNE of Chignik Lake
- 2Apr16 Mag 4.2 - 121km NNE of Chignik Lake
- 2Apr16 Mag 3.9 - 124km NNE of Chignik Lake
- 4Apr16 Mag 4.3 - 92km NNE of Chignik Lake
- 4Apr16 Mag 4.4 - 98km NNE of Chignik Lake
- 4Apr16 Mag 4.3 - 99km NNE of Chignik Lake
- 6Apr16 Mag 4.0 - 118km NW of Sand Point

Monday, June 13 2016

World Bridge Earthquake Signal Precursors (ESP)

KS

On ESP Event Research, Kiae S. added

3:28pm

- 14Apr16 Mag 4.0 97km SE False Pass
- 15Apr16 Mag 4.4 - 114km NW of Talkeetna
- 16Apr16 Mag 4.0 - 24km SE of Y
- 21Apr16 Mag 4.2 - 109km NW of Talkeetna
- 26May16 Mag 4.6 - 51km NNE of Talkeetna
- 29May16 Mag 4.9 - 94km SSW of Homer
- 1May16 Mag 4.7 - 43km SSW of Redoubt Volcano
- 1May16 Mag 4.0 - 100km NE of Chignik Lake
- 2May16 Mag 4.9 - 89km E of Middleton Island
- 2May16 Mag 4.0 - 64km ESE of King Salmon
- 14May16 Mag 5.4 - 94km NNW of Talkeetna
- 21May16 Mag 4.5 - 121km W of Talkeetna
- 23May16 Mag 4.2 - 50km ESE of Cold Bay

- 30May16 Mag 4.1 - 96km SE of Old Iliamna
- 31May16 Mag 4.1 - 20km S of King Salmon
- 31May16 Mag 4.1
- 31May16 Mag 5.7
- 2Jun16 Mag 4.7
- 5Jun16 Mag 4.3
- 7Jun16 Mag 4.4
- 7Apr16 Mag 4.0

Saturday, June 11 2016

World Bridge Earthquake Signal Precursors (ESP)

KS

Kiae S. commented on - Build charting system that auto zooms to potential events

8:32pm

I have done graphing with abridged version of data on dygraph so far. I am on progress of trying python language for graphing. [Screen Shot 2016-06-11 at 6.33.12 PM.png][Screen Shot 2016-06-11 at 6.33.28 PM.png]



Screen Shot 2016-06-11 at 6.33.12 PM.png



Screen Shot 2016-06-11 at 6.33.28 PM.png

KS

Kiae S. added a new message called Charting Development

9:52am

I am starting with charting development workflow. I will update my status or questions i have.