From: McPherron, Heather
To: Turner, Ed
Subject: Re: Possible electric data to add to the infrastructure work?
Date: Wednesday, March 11, 2015 5:13:33 PM

Thanks for sending. Now that I can see them, there are quite a few that are not yet built and probably worth the effort to tease out.

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On Wed, Mar 11, 2015 at 5:00 PM, Turner, Ed <ed_turner@fws.gov> wrote:

> Hello Heather, Here are the power line data that has been clipped to a distance of 10km beyond the management zone limits. I decided to send you the data that contains both "High" and "Low" voltage lines. It will be easier to keep them together and code which ones we will analyze and which ones we will not.
>
> These data have a field for "proposed" and that may help you find the lines to question.
>
> I also added a "FWS_KEEP" field that we can code as "YES" or "NO"
>
> There is also a field called "FWS_VERIFY" and it's 50 characters long incase you would like to add text.
>
> If you need any additional fields that would help in retaining what we did, please add them and we can go over it before I process these data.
>
> Data is zipped, so just right mouse click and "extract all" to your working location. Let me know if you need any additional base data for this effort.
>
> Thanks for the help looking at the lines, Ed
>
> On Wed, Mar 11, 2015 at 4:05 PM, McPherron, Heather <heather_mcpherron@fws.gov> wrote:
>
> > Let me do some digging. I didn't address any power generation sources, just the lines that connect them to the grid. I'll have to check the oil, gas, coal, etc. chapters. And maybe have a convo with those authors.
> >
> > Stay tuned.
> >
> > **Heather McPherron**, Fish and Wildlife Biologist
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On Wed, Mar 11, 2015 at 4:00 PM, Turner, Ed <ed_turner@fws.gov> wrote:

Hello Heather, I looked at the point data that that wasn't listed specifically as oil & gas, from the pipeline data sets. Based on metadata most was oil and gas anyway.

The Electric Plants locations data, which falls within the current range (listed in detail below) could be something to look at.

Do you think we need to deal with this?

Looks by the screenshot, they do tend to fall on the lines that we are using for your effort.

I just wonder if we need to buffer these and address them.

Thanks for any input, Ed

Electric Plants Point Location: Point layer with electric power plants. Each is a facility with one or more units which generate electricity. The plants are primarily those facilities which utilize natural gas or oil as a fuel for one or more of the steam or gas turbine generators. The business table contains information on the plant and of the capacities of the individual units.

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