From: Gober, Joy
To: McPherron, Heather
Cc: Ed Turner
Subject: Re: Possible electric data to add to the infrastructure work?
Date: Thursday, March 12, 2015 6:46:37 AM

Heather, In the urban/exurban chapter we had an urban category of "industrial--factory/plant" that we included in our acreage totals and on the map. I'm not sure if electric plants would fall into that category or not. Are they typically in urban areas or more far-flung? I asked Ed about it. Maybe he can compare with the urban data set and tell.

Joy

On Wed, Mar 11, 2015 at 5:57 PM, McPherron, Heather <heather_mcpherron@fws.gov> wrote:

> Hi fellow specific-infrastructure writers - Ed pointed out an interesting data set (see attached map). I'm not sure what to make of this GIS layer addressing energy generation sources. My chapter addresses the powerlines that are hooked to the plants, but so far not the plants themselves. Does anyone touch on this in your respective chapters?
>
> Is it notable? My first take is that they are essentially just industrial buildings which I don't think warrants a threat all alone, but their impact could be larger? Could also be urbanization?
>
> Anybody have thoughts about this?
>
> **Heather McPherron**, Fish and Wildlife Biologist
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>
> ---------- Forwarded message ----------
> From: **Turner, Ed** <ed_turner@fws.gov>
> Date: Wed, Mar 11, 2015 at 4:00 PM
> Subject: Possible electric data to add to the infrastructure work?
> To: Heather McPherron <heather_mcpherron@fws.gov>
> Cc: Lara Juliusson <lara_juliusson@fws.gov>
>
> 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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