

----- Forwarded message -----

From: **alinda baker** <alinda_baker@hotmail.com>
Date: Tue, Nov 18, 2014 at 9:44 AM
Subject: RE: Cost estimates of Power Transmission
To: PublicService Commission <psc@utah.gov>

Hi Laurie,

Thanks for writing back. The commission staff could be interested in benchmarking the UK to ensure old technology is not implemented here in the U.S. Power Lines are often being buried underground. Especially of note are lines planned thru beautiful scenic National Parks or Federal Land such as urban forests or wildlife preserves. This information could also apply to the engineering evaluation of projects similar to the TransWest Express and Energy Gateway South, the Wyoming-West Transmission, The Frontier Line, the Hughs Transmission, Duke ATC projects, etc.

Showing the intent of our lawmakers, Bill S1462 American Clean Energy Leadership Act of 2009, Section 216 Siting of interstate electric transmission facilities stated:

(a)Policy

It is the policy of the United States that the national interstate transmission system should be guided by the goal of maximizing the net benefits of the electricity system, taking into consideration—

(7)the ability to collocate facilities on existing rights-of-way;

(8)competing land use priorities, including land protected under Federal or State law;

In the document "Environmental Impacts of Transmission Lines" written by the **Public Service Commission of Wisconsin**, Existing rights-of-way are listed in **order of preference**: (a) existing utility corridors, (b) highway and railroad corridors, (c) recreational trails with limitations, and (d) new corridors

<http://psc.wi.gov/thelibrary/publications/electric/electric10.pdf>

The better practice can be burying the lines within existing State corridors. The easements are about half the size of overhead lines. The cost of HVDC Light Line burial is about two times the amount of overhead lines and may be repaid over time by less outages, less electricity loss, smaller easements (mentioned above), less local real estate devaluation, and virtually no new real estate purchase cost.

Thanks, Alinda

Date: Mon, 17 Nov 2014 08:22:12 -0700
Subject: Re: Cost estimates of Power Transmission
From: psc@utah.gov
To: alinda_baker@hotmail.com

Dear Ms. Baker,

Could you please provide me with further information regarding your email? Do you have a docket number to which

your comments refer? The PSC receives several emails a day, and has quite a few open dockets, and I am unsure which issues your email addresses.

Sincerely,

Laurie Harris Wirz

Public Service Commission of Utah

160 E 300 S, 4th Floor

Salt Lake City, UT 84111

801-530-6716

psc@utah.gov

On Sun, Nov 16, 2014 at 3:52 PM, alinda baker <alinda_baker@hotmail.com> wrote:

Please consider the following estimates in planning power transmission lines. The following is an article stating E1.1 Billion was proposed to remove Pylons (towers) in the UK.

<http://www.dailymail.co.uk/news/article-2829463/Eyesore-pylons-ruining-countryside-taken-costing-7m-each.html>

Some of the burial technology may use HVDC light underground.

<http://www.nonorthempass.org/nh/2011/09/the-future-is-here-hvdc-light-underground-technology/>

Additional Technical Documents

http://efw.bpa.gov/environmental_services/Document_Library/PortAngeles/A

[appendixASeaBreezeechnical.pdf](http://www.concernedcitizensmontana.net/Publish/hvdc_appendixASeaBreezeechnical.pdf)http://www.concernedcitizensmontana.net/Publish/hvdc_alternative_final.pdf

Regards,

Alinda