

Message

From: Lyons, Troy [/O=EXCHANGELABS/OU=EXCHANGE ADMINISTRATIVE GROUP (FYDIBOHF23SPDLT)/CN=RECIPIENTS/CN=15E4881C95044AB49C6C35A0F5EEF67E-LYONS, TROY]
Sent: 6/8/2017 9:54:52 PM
To: Bravo, Summer B [Summer.B.Bravo@xcelenergy.com]
Subject: RE: Site Visit - Xcel Energy

Hey! I am the worst because I put this in motion and I do not have any answers. August still has not been settled yet. It would be good for your boss to mention to the Administrator that he would love to host him for a visit—or schedule a meeting with him in DC.

Thank you for being patient and I am sorry I do not have any additional answers!!!!

How are you doing?

From: Bravo, Summer B [mailto:Summer.B.Bravo@xcelenergy.com]
Sent: Thursday, June 8, 2017 5:50 PM
To: Lyons, Troy <lyons.troy@epa.gov>
Subject: RE: Site Visit - Xcel Energy

So Im sure you are going to BLOCK my emails soon- ha! But just checking in on the status. If you cant commit to a visit now, no worries but want to be able to report back to my folks. Also, it looks like the Administrator will be visiting with EEI in DC, where my CEO will be in attendance, so it would be GREAT for me to be able to update my CEO before that happens. I believe the meeting of the masses will be on June 19th.

Let me know anything you can. I know you are swamped and busy. #america

Summer Bravo
Xcel Energy | Responsible By Nature

From: Bravo, Summer B
Sent: Monday, May 15, 2017 2:21 PM
To: 'Lyons, Troy'
Subject: RE: Site Visit - Xcel Energy

No worries! They are just excited. Thanks.

Summer Bravo
Xcel Energy | Responsible By Nature

From: Lyons, Troy [mailto:lyons.troy@epa.gov]
Sent: Monday, May 15, 2017 2:20 PM
To: Bravo, Summer B
Subject: RE: Site Visit - Xcel Energy

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Hey! We are going to sit down later this week to look at August recess travel (which I think there will be a lot of). I think it would be in the August-September timeframe. Sorry for the radio silence. I will follow up with you shortly

From: Bravo, Summer B [mailto:Summer.B.Bravo@xcelenergy.com]

Sent: Monday, May 15, 2017 2:02 PM

To: Lyons, Troy <lyons.troy@epa.gov>

Subject: RE: Site Visit - Xcel Energy

Troy,

Just wanted to follow up. Since I had to go up the train regarding this potential visit, my boss and CEO are now curious about timing. Obviously we are very excited for the visit. Is there anything I can report back to them? Thanks!

Summer Bravo

Xcel Energy | Responsible By Nature

From: Bravo, Summer B

Sent: Wednesday, April 26, 2017 10:37 AM

To: 'Lyons, Troy'

Subject: RE: Site Visit - Xcel Energy

Troy,

One of the largest coal plants in the country is in Becker County in MN. This is in Tom Emmer's district. Unfortunately we will be closing some of the units (but not all) and replacing it with Natural Gas. This plant is so massive and tells a good story for us so that is the first place I would suggest. It would be a great tour. However, wherever and whenever is the best place to visit for the Administrator we can find a good site to visit. MN is where we are headquartered so naturally I think there first but like I mentioned we have assets in MN, CO, ND, SD, WI, MI, TX, and NM.

I think late spring early summer is a great time frame. Of course when I mentioned this possible visit to our exec team they got really excited so they now want more details. Ha! I know you guys are just now getting things together so no rush. I will share the time frame with my folks. What else do you need from our end? Below are some more details on the Sherco Coal Plant in Becker, MN.

[https://www.xcelenergy.com/energy_portfolio/electricity/power_plants/sherburne_county_\(sherco\)](https://www.xcelenergy.com/energy_portfolio/electricity/power_plants/sherburne_county_(sherco))

Sherburne County (Sherco) Generating Station



- **Power Production Capability:** 2,238 megawatts
Unit 1 – 680 MW; Unit 2 – 682 MW; Unit 3 – 876 MW
- **Commercial Operation:** Unit 1 - 1976; Unit 2- 1977; Unit 3 - 1987
- **Generation type:** Steam Turbine
- **Location:** Becker, Minnesota, 45 miles northwest of the Twin Cities, on the Mississippi River

Overview

Sheer size sets Sherco apart from the company's other generating facilities. Sherco is the largest in terms of square feet, steam production, power generation capability and coal consumption. Sherco's boilers are more than 200 feet tall – taller than the dome of the Minnesota State Capitol building. Each boiler weighs about 8 million pounds and contains about 200 miles of steel tubing.

The Unit 3 generation building is more than 15 stories high and the stack, or chimney, extends 650 feet – as tall as some downtown Minneapolis office towers. The plant's coal barn – longer than a football field – provides dry storage for coal, cutting down on dust and improving coal handling efficiency. A rotary car dumper, which literally turns a rail coal car upside down, unloads one car every three minutes and an entire train in just over six hours.

Unit 3 is 41 percent owned by Southern Minnesota Municipal Power Agency, composed of municipal power companies operating on a cooperative basis.

Environmental Highlights

Sherco reflects the company's environmental leadership, with its modern and efficient air quality control systems. Unit 3 employs a dry scrubber system, which uses a mist of lime slurry in spray dryers to trap sulfur dioxide (SO₂). Units 1 and 2 have wet scrubbers, which use an alkaline spray to capture sulfur dioxide and ash. In addition, Sherco will remove mercury emissions in accordance with the Minnesota Mercury Reduction Act.

Community Involvement

Through its plant advisory committee, Sherco leadership works with other community leaders on local issues and economic development efforts. It also provides support for technical programs at the local high school, community college and state university. In addition, Sherco supports local fire departments with training, safety gear, and equipment, and many employees serve as volunteer fire fighters in seven communities in the region. Employees also give in other ways, delivering meals, giving blood, building homes and raising money for United Way. Also, every year since 1992, Sherco employees have joined other volunteers in a Mississippi River cleanup day.

Summer Bravo

Xcel Energy | Responsible By Nature

From: Lyons, Troy [<mailto:lyons.troy@epa.gov>]

Sent: Tuesday, April 25, 2017 9:07 PM

To: Bravo, Summer B

Subject: RE: Site Visit - Xcel Energy

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Too short! What about you?

We are starting to (finally) get staffed up and can put pen to paper on his travel.

What do you think would be the best place to visit on the heels of some of the actions POTUS and the EPA have taken recently (CPP, WOTUS, etc)? I think the plan is late spring/early summer. Do you all have a preference?

From: Bravo, Summer B [mailto:Summer.B.Bravo@xcelenergy.com]

Sent: Tuesday, April 25, 2017 10:22 AM

To: Lyons, Troy <lyons.troy@epa.gov>

Subject: Site Visit - Xcel Energy

Troy,

Hope you had a good weekend. Just wanted to follow up with you on the potential Administrator visit. I was able to talk to our CEO and other members of the executive team and we would be honored to host your guys to one of our sites for a visit. Do you have a timeframe in mind of when this would happen? Did you figure out what state would work best? I have attached an overview of our company and below I have some talkers/messaging points from our side that might be helpful in explaining our key priorities for the EPA.

Again, we are truly honored to host the Administrator and his team. Thank you for the opportunity, so happy that you reached out to me.

Summer Bravo

Xcel Energy | Responsible By Nature

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XCELENERGY.COM

1. **Background.** Xcel Energy is a public utility holding company headquartered in Minneapolis. We serve three million electric customers in eight states, including parts of Minnesota, Wisconsin, North and South Dakota, Michigan, Colorado, New Mexico and Texas. We operate a diverse mix of energy resources including coal, gas, nuclear and renewables. Xcel Energy has been the nation's number one utility wind provider for over a decade.
2. **Xcel Energy is Committed to Clean, Low-Cost Energy.** Xcel Energy is committed to providing its customers with power that is reliable, safe, reasonably priced and clean. We are pro-energy and pro-environment. Most of our customers and policy makers want us to reduce our emissions if we can do so at a reasonable price. Following this philosophy, we have been able to dramatically reduce emissions associated with our operations. We have reduced carbon dioxide emissions by 30% below 2005 levels while maintaining rates at or below the national average. Today, we are implementing a "steel-for-fuel" strategy – replacing aging fossil-based energy with lower priced renewables – that will enable us to achieve a 45% reduction in CO₂ by 2021 while simultaneously lowering customer costs.

3. Federalism is Key to Environmental Success. We have worked with states for years to develop effective environmental and energy policies that support our customers' interest in low-priced, reliable and reasonably priced energy. Federal policy should recognize that states are key to the success of any environmental program. As EPA reconsiders the Clean Power Plan, we encourage it to embrace flexible, legally defensible federal targets and give states the authority to design programs that meet their specific needs and desires, i.e. encourage states to do what our states have been doing for over a decade.

4. Regulatory Reform is a Critical Need. Xcel Energy recognizes the need for reform of the existing environmental regulatory structure. It is too costly and difficult to permit, build and operate all kinds of facilities, whether coal, gas or renewables. For example, the Texas Regional Haze rule and EPA's proposed BART determination for our Texas facilities are among the biggest challenges to operation of our Texas coal plants. We hope to be able to work with EPA to ensure that the future of our generating fleet is determined by sound policy and economics instead of federal regulatory mandates.

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