From:	Joshua Smith
To:	DOH, Air Quality; Stroh, David E.; Semerad, Jim L.; daly.carl@epa.gov
Cc:	Stephanie Kodish; Sarah Laumann; Ulla Reeves; Kristin Henry; Laurie Williams
Subject:	ND Regional Haze Draft SIP: Exhibits in Support of the Comments filed by National Parks Conservation Ass"n, Sierra Club, and Badlands Conservation Alliance
Date:	Wednesday, June 1, 2022 7:29:51 PM
Attachments:	Ex. 2 SCR Feasibility Review ND lignite SCR Report 10.20.20.pdf Ex. 1 2022 Kordzi Review of the ND RH SIP 5-31-2022.pdf Ex. 4 2020 Kordzi Report ND BART and RP Analysis 11-16-20.pdf Ex. 3 Coyote Four-Factor Review 11-16-20.pdf Ex. 5 Stamper Report March 6 2020_Four Factor RP Analysis_Oil and Gas Sector.pdf Coal Creek 1 SCR CCM cost-effectiveness.xlsm Antelope Valley Daily Emissions.xlsx Antelope Valley 1 SNCR CCM cost-effectiveness.xlsm Coal Creek 1 SNCR CCM cost-effectiveness.xlsm Antelope Valley 1 SCR CCM cost-effectiveness.xlsm Coal Creek SO2 revised cost-effectiveness.xlsx Coyote Revised NOx Control Costs.xlsx Coyote SDA Cost Estimate.xlsx Coyote Wet FGD Cost Estimate.xlsx Coyote Revised SDA and SNCR-RRI Cost Analyses.xlsx DGC cost-effectiveness.xlsx EN_APEI-Canada.xlsx Little Knife cost-effectiveness.xlsx Heskett SDA Cost Estimate.xlsx MRYS 1 SNCR CCM cost-effectiveness.xlsm MRYS 1 SCR CCM cost-effectiveness.xlsm Leland Olds Daily Emissions.xlsx MRYS scrubber upgrade.xlsx MRYS emissions.xlsx MRYS 2 SCR CCM cost-effectiveness.xlsm MRYS 2 SNCR CCM cost-effectiveness.xlsm NBPC cost-effectiveness.xlsx Tioga cost-effectiveness.xlsx ND EGU emissions.xlsx

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In support of the comments filed by National Parks Conservation Association ("NPCA") and Sierra Club, and Badlands Conservation Alliance ("Conservation Organizations"), please accept the attached technical reports and supporting documentation:

(1) A Review of North Dakota Regional Haze State Implementation Plan, prepared by Joe Kordzi, dated May 2022 ["2022 Kordzi Report"];

(2) *A Review of the Record Concerning the Technical Feasibility of Selective Catalytic Reduction on North Dakota Lignite Electric Generating Units*, prepared by Joe Kordzi and Ron Sahu, dated October 2020 ["SCR Technical Feasibility Report"];

(3) *NOx and SO_2 Reasonable Progress Analysis for the Otter Tail Coyote Station*, prepared by Joe Kordzi, dated November 2020 ["Coyote Reasonable Progress Report"];

(4) *North Dakota BART and Reasonable Progress Analysis*, prepared by Joe Kordzi, dated November 2020 ["2020 Kordzi Report"]; and

(5) Oil and Gas Sector Reasonable Progress Four-Factor Analysis of Controls for Five Source Categories, prepared by Vicki Stamper and Megan Williams, dated

March 6, 2020 [“Stamper Report”].

(6) We are also attaching and incorporating 24 separate excel workpapers and files supporting these technical reports.

Given the file sizes, we would appreciate confirmation of receipt of this email and attachments.

Please do not hesitate to contact us if you have any questions or need additional information. We would appreciate the opportunity to discuss our findings and recommendations.

Sincerely,

Joshua Smith

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