

**National Coal Council
2019 Fall Meeting
Summary of Meeting**

September 11–12, 2019

The National Coal Council convened for its fall meeting on at the Marriott Wardman Park Hotel in Washington, D.C., commencing on September 11, 2019, at 8:05 p.m. ET and continuing on September 12, 2019, at 8:30 a.m. ET.

Attendees

For a complete breakdown of attendance, see Appendix A.

Day 1:

Welcome

Tom Sarkus welcomed attendees and keynote speaker, the Honorable Neil Chatterjee, who chairs the Federal Energy Regulatory Commission (FERC).

As an aside in listing Chairman Chatterjee’s accomplishments, Tom Sarkus mentioned the finalization of the report on Coal in a New Carbon Age and the upcoming NCC report on Smart Policies in Support of Coal Generation (to be co-chaired by Kipp Coddington and John Harju).

Tom Sarkus stated that the Department of Energy has been working to strengthen coal use in the domestic grid through work on existing plants and the Coal FIRST initiative.

Tom Sarkus then invited NCC Chair Danny Gray to introduce Chairman Chatterjee.

Introduction

Danny Gray gave a brief biography of Chairman Chatterjee’s accomplishments and an introduction.

Opening Remarks

Chairman Chatterjee began with disclaimers.

Chairman Chatterjee stated that FERC regulates the nation's wholesale electricity markets, natural gas infrastructure, pipeline transportation rates, and the security of the electricity grid. Chairman Chatterjee stated that the coal industry has been and remains an important part of the energy landscape in the United States and the backbone of the electricity grid. Chairman Chatterjee then discussed the changing landscape of the United States electricity generation mix. Chairman Chatterjee stated that plant requirements can affect the stability of the electricity grid when traditional resources are replaced with intermittent ones. Chairman Chatterjee stated that plant retirements from traditional fuel sources, such

as coal and nuclear, create job loss and negatively affect the economy. Chairman Chatterjee expressed his concern the government leaders failed to fully appreciate how policy choices affect workers families and local economies.

Chairman Chatterjee then announced an upcoming event he is hosting, EnVision, in Lexington, KY to bring together thought leaders from government, academia, industry, advocacy groups, environmental groups, consumer groups, and unions too have a conversation about solutions outside of Washington.

Chairman Chatterjee then explained his regulatory philosophy. Chairman Chatterjee then recounted a critical issue that was one of his most trying as a new member of FERC.

Chairman Chatterjee then discussed Public Utilities Regulatory Policy Act reform.

Chairman Chatterjee then stopped comments to take questions.

Closing Remarks

Tom Sarkus thanked Chairman Chatterjee.

He then stated that the meeting would reconvene the next morning at 8:30 a.m. in the Thurgood Marshall Ballroom Southwest and would feature Brian Anderson and Hal Quinn.

Adjournment

The meeting adjourned at 9:00 p.m.

Day 2:

Welcome

Tom Sarkus called the meeting to order welcomed the day's speakers, NCC leaders, and the public.

Anti-Trust Reminder

Fred Eames gave attendees information on applicable anti-trust laws and topics to avoid during the proceedings.

FACA Reminder

Tom Sarkus advised attendees that the event is subject to the Federal Advisory Committee Act and all comments are on record. He added that time will be given at the end of the agenda for public comments. Then Tom Sarkus asked that the agenda be formally finalized, which occurred when the motion was brought forth, finalized, and adopted.

Brian Anderson Presentation

NCC Vice Chair Randy Atkins introduced keynote speaker Brian Anderson with a brief history of Brian Anderson's education and professional experience. Brian Anderson discussed several aspects of NETL, including research locations, program areas, and the importance of NETL work with industry and academic partners. Brian Anderson then asked for feedback from attendees in moving emerging technologies into the market. He then took questions from the audience.

Hal Quinn Presentation

Randy Atkins introduced Hal Quinn with background information on his career and education.

Hal Quinn's presentation discussed the past, present, and future of the coal industry, and how market fundamentals, public policy, and technological innovations will all be needed to maintain coal participation in power markets, as well as how recent regulations and the international market have affected energy costs and production. Questions and comments were received from the audience.

Hillary Moffett Presentation

Janet Gellici introduced Hillary Moffett with a history of her career and education.

Hillary Moffett gave an overview of the work of Occidental in carbon sequestration in the Permian Basin. She then discussed current pipeline regulations; opportunities that utilize CO₂ to create products, such as plastics or CO₂ as feedstocks for fuels to help decarbonize the historically difficult transportation sector; a zero-atmospheric emissions natural gas power generation facility that uses supercritical CO₂ instead of steam as a working fluid; and a venture to bring the world's first commercial scale direct-air capture facility to Texas.

Jason Selch Presentation

Janet Gellici then introduced Jason Selch, CEO of Enchant Energy Corporation. Jason Selch's company is purchasing the San Juan Generation Station for a carbon capture project. He spoke about the economic benefits of the plan. Jason Selch stated that this project will show that environmental benefits and low costs can co-exist.

He then introduced the Mayor of Farmington Nate Duckett. Mayor Duckett expressed enthusiasm for the project. He also spoke to the need to educate the public about the feasibility of carbon capture to help the environment while preserving jobs.

Then the floor was opened for questions.

Ian Reid Presentation

Janet Gellici introduced Ian Reid.

Ian Reid gave a brief overview of current and emerging carbon products. He then discussed tar pitch products, oxygen-blown gasification of coal, rare earth elements, carbon fiber, electrodes, carbon nanotubes and graphene, and hydrogen vehicle efforts.

The floor then opened for questions.

Closing Remarks

Janet Gellici thanked participants, sponsors, and attendees. She then reminded everyone to complete an evaluation.

She then reminded attendees that they are in the process of conducting a new report for Secretary Perry assessing policies in support of coal generation technologies. He is specifically interested in what kind of policies can be put in place to accelerate technologies for new coal plants, and for existing coal plants, that can be put in place.

Public Comment

No comments from the public were made.

Adjournment

The meeting adjourned at 9:00 p.m.

I hereby certify that, to the best of my knowledge, the foregoing minutes are accurate and complete. The minutes were completed after-the-fact based on transcription of the National Coal Council Fall Meeting, September 11, 2019.



8/13/20

Thomas Sarkus

Deputy Designated Federal Officer #1

National Coal Council



8/14/20

Joseph Giove III

Deputy Designated Federal Officer #2

National Coal Council

APPENDIX A – ATTENDEES

Attendees

Hank Adair
Jack Adams
Thomas H. Adams
Sy Ali
Brian Anderson
Donna Anderson
Rodney Andrews
Shannon Angielski
Duane Ankney
Randall Atkins
Gavin Bade
Richard Bajura
Wendy Beach
Dipka Bhambhani
Jacqueline Bird
Michelle Bloodworth
Rick Boyd
Lisa JN Bradley
Brenda Brickhouse
Buz Brown
Charles Bullinger
Frank Burke
Mark Carr
Neil Chatterjee
Randy Christmann
Kipp Coddington
Leland Cogliani
Daniel Connell
Cecile Conroy
Donald Cotchen
Ruth Demeter
Jeremy Dillion
Nate Duckett
John Duddy
Fred Eames
Sarah Eason
Robert Finley
David Flannery
Janet Gellici
Joseph Giove
Gideon Gradman
Danny Gray
Marvin Griff

John Harju
Clark Harrison
Robert Hershey
Patricia Hicks
Roy Hill
Bill Hoback
Robert Hoenes
Mike Holmes
Marty Irwin
Casey Kaptur
Jordan Karem
Michael Klein
Angelos Kokkinos
Danielle Koren
Steve Krinsky
Alex Krowka
Holly Krutka
Jeffrey Kukura
Vello Kuuskraa
Patricia Loria
Heath Lovell
Doug Matheney
Robert Mayes
Charles McConnell
Sean McHone
Emily Medine
Gregory Merle
Allison Mills
Rafic Minkara
Hillary Moffett
Nancy Mohn
Betsy Monseu
Jared Moore
Michael Moore
Charles Moseley
Mike Nasi
Stephen Nelson
Brian Norris
Jeremy Oden
Jeanette Pablo
Fred Palmer
Jack Parkes
Steven Pierro
Eille Potter
Robert Purgert
Hal Quinn
Dawn Reeves
Ian Reid

Nola Reid
Rachel Rogier
Daniel Roling
Ted Sanders
Tom Sarkus
Jason B. Selch
Fadi Shadid
George Skoptsov
Carolyn Slaughter
Charles Snavely
Mike Sorensen
Skip Stephens
Judd Swift
Cameron Tarry
Scott Teel
Shane Teramana
Tom Tiernan
Brian Thompson
John Umberger