

NATIONAL COAL COUNCIL
2016 ANNUAL FALL MEETING
SUMMARY OF MEETING

October 5, 2016

The National Coal Council convened for its annual Fall meeting, which was held pursuant to Notice and Invitation at Hilton Milwaukee City Center, 509 West Wisconsin Avenue, Milwaukee, Wisconsin, USA, commencing on October 5, 2016, at 8:15 a.m. CT.

ATTENDEES

For a complete breakdown of attendance, see Appendix A.

WELCOME

Mike Durham called the National Coal Council meeting to order and provided the Welcome Address to the group. He introduced a number of representatives from the Department of Energy (DOE) in attendance at the meeting. He listed other speakers who will be speaking at the meeting along with the titles of their presentations. He also noted that the program will conclude with Council Business Reports.

He noted that the meeting is being held in accordance with the Federal Advisory Committee Act (FACA), and the Regulations that govern that Act. The meeting is open to the public. Guests from the public will have the opportunity to make comments at the end of the meeting.

He noted that a verbatim transcript of the meeting is being made, and therefore, it is important to use the microphone, and begin by stating name and affiliation.

Mike Durham asked for a motion to adopt the agenda. Ram Narula provided the first motion; Nancy Mohn provided the second motion. All in favor. No opposed.

ANTITRUST ADVISORY

Julia d'Hemecourt of Hunton & Williams provided the Antitrust Advisory via conference call. She noted that the NCC is a Federal Advisory Committee to the Secretary of Energy, and membership confers no immunity from federal or state antitrust laws. The NCC has a set of general antitrust guidelines, and a copy of the general understanding can be sent to members. The meeting will abide by the guidelines. If a member has strayed, there will be an interruption and legal counsel will be sought.

U.S. DEPARTMENT OF ENERGY KEYNOTE PRESENTATION

Dr. Darren Mollot provided the first keynote presentation on Carbon Capture Utilization and Storage (CCUS) on behalf of the Department. He pointed out that working with international partners is important and new technologies are needed. He also mentioned about the Office of Fossil Energy's goals and priorities, including smaller modular systems and domestic and international partnerships. Dr. Mollot covered the technologies that are available for CCUS during his presentation.

Janet Gellici called for questions and there were two questions received from Bill Elliot and Ram Narula for Dr. Mollot.

INDUSTRY KEYNOTE PRESENTATION

Tom Metcalfe provided the second keynote presentation on We Energies' coal units on behalf of the organization. Janet Gellici opened the floor for questions. Two questions were received and answered

BREAK

Greg Workman called for a 30-minute break, and stated that the group will reconvene at 10:00 a.m.

Janet Gellici went over the housekeeping items regarding the tour prior to releasing attendees for break.

INDUSTRY PRESENTATIONS: VALUE-ADDED OPPORTUNITIES FOR COAL

Peter Kirk, the Executive Business Operations of NeuCo, a G.E. Company, gave the first industry presentation on "Digital Power Plant Management: Enhancing Coal Plant Environmental Compliance". Janet Gellici opened the floor for questions. Two questions were received and answered.

William Sawyer, the Manager of Hibbard Renewable Energy Center at Minnesota Power/ALLETE gave the second industry presentation on "Carbon-eliminating Allam Cycle for Coal Power Plants." Janet Gellici opened the floor for questions and directed a question to Sawyer. No other questions were received.

Danny Gray, the Executive Vice President of Government & Environmental Affairs at Charah, Inc. gave the last industry presentation on "Beneficial Uses of Coal and Coal Byproducts: Coal Ash & Rare Earth Elements." Janet Gellici opened the floor for questions. Three questions were received and answered.

NATIONAL COAL COUNCIL BUSINESS REPORTS:

Greg Workman, NCC Inc. Finance Committee Chair and Vice-Chair provided the Finance Committee Report.

Deck Sloan, the NCC's Coal Policy Committee Chair was not able to join. Janet Gellici presented on behalf of Mr. Sloan. The Fossil Forward Study was conducted in January of 2015, and the primary recommendation out of that report was on the need for policy parity.

Lisa Bradley, the NCC's Communications Committee Chair was not able to join. Janet Gellici presented on behalf of Ms. Bradley. She mentioned that they have participated in some Congressional Hearings in which some of the results were presented.

Janet Gellici stated that there are no Governance Issues to report.

PUBLIC COMMENT PERIOD

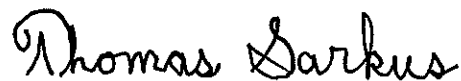
In compliance with FACA requirements for this meeting, Janet Gellici noted that this meeting is duly authorized and publicized, and is open to the public. The public can submit comments to the Department of Energy, or if the individual wishes to speak, they may do so at this meeting.

No comments were made.

ADJOURNMENT

The meeting adjourned at 12:07 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 the transcription of the Fall 2016 National Coal Council Annual Meeting.



10/2/20

Thomas Sarkus

Deputy Designated Federal Officer #1

National Coal Council



10/3/20

Joseph Giove III

Deputy Designated Federal Officer #2

National Coal Council

APPENDIX A – ATTENDEES

Sy Ali

Thomas Alley

Barbara Farmer-Altizer

Robert A. Bibb

Jacqueline F. Bird

Rick Boyd

Robert Braithwaite

F. William Brownell

John M. Cassady

Donna Cerwonka

Joseph W. Craft III

David L. Denton

Edward (Ted) Doheny II

Michael D. Durham

William H. Elliott

Jeff Erikson

Robert J. Finley

John S. Fischer

David A. Frederick

Janet Gellici

Sheila Glesmann

Danny L. Gray

Clark D. Harrison

William Hoback

Susan Jackson

Dennis R. James

Thomas Jansen

Kim Johnson
John C. Kennedy
Peter Kirk
Trent Kohl
Amishi Kumar
John T. Long
Daniel Matusak
Kris McKinney
Charles S. McNeil
Barry McNulty
Emily S. Medine
Robert Meidl
Tom Metcalfe
Jeffrey Miller
Stephen Miller
Al Mihm
Rafic Y. Minkara
Nancy Mohn
Dr. Darren Mollot
Betsy B. Monseu
Clark A. Moseley
Ram G. Narula
Kenneth J. Nemeth
Brian Norris
Mary Eileen O'Keefe
Caryl Pfeiffer
Robert Puissant
Robert M. Purgert
Dr. Massood Ramezan

Daniel A. Roling

Thomas Sarkus

William Sawyer

Mark Schoenfield

Deck S. Slone

Michael G. Sorensen

Skip Stephens

Pat Stiff

Vicky Sullivan

Scott Teel

Kathy Walton

Douglas Wetjen

Tomasz S. Wiltowski

Jon Wood

Gregory A. Workman

Xiaoliang Yang