Date:

1/9/2014

Meeting: Meeting with AMP President/CEO Re: CAA 111 Issues

Name	Organization	Phone number
Jolene Muryson	Aur DuckA	614-519-8901
MADE 5. GERKEN	AMP, Inc	614 519-5347
Catherin Khan	Sidly Arshi	0000
Ruge Martala	Sidley Austin	1 202,736 8000
Jeff Brudiger	Orrville Utilities	
KICHARD P. HOMRIGHAUS	EN DOYER, OHIO	330-343-6726
Lora Strine	OAR	2025641521
Keuin culligon	OAR	202-564-0611
Reid Harrey	DAR	202 - 343 - 9429
Doe Goffman	OAR	
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Date: 1-13-14

Meeting: Meet w/ Luminanet

Cuy Run 5415

Name	Organization	Phone number
John O'Brian	Energy Filere Holdings / Luminant	214-812-5057
MAC MCFARLAND	CUMINANT	214 - 875 - 9315
Susana Hildebrand	EFH/Luminant	512-230-5704
Stacey Dose	SFH/Luminant	214-812-6004
Roge Martelli	sidles Autin/Luniny	202-736-8000
Cotherine Kuren	u u	
Dot Gottman	EPA	,
Saah Panhan	म	
Reid Harry	41	
Kent Callin	11	8 8
Lora SWhi	h	
Ellen Kurlansky	h	
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Date: 1/13/2014

Meeting: Meeting with gov. But Retter and Colorado State University Center for the New Energy Economy.

Name	Organization	Phone number
Bill Ritter	Earnamy /Colo ST UNI	303-325-1955
Tom PLANT	,	, (
BILBECKER	, 1 i	"
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	q iz	<i>u</i>
Jeff hyng	~ /i	303.818.2302
Jane Culkin	7/ U	(1 N
Joe Golfman	EPA	
Kenn Calligan	¥	
Bun Hengst	4	
Sarah Danhan	Y	
Mak Rapp Reid Harrey	<i>n</i> .	
Reid Harrey	h	
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Date: September 17, 2013

Meeting with Southern Company

Name	Organization	Phone Number
Chris Hobson	Southerse Company	(205)218-0018
Brian Toth	Southern Company	(205) 587-9006
Ray Harry	Southern Company	202 261 5000
Patrick Quin	The Accord Group	202-289-8800
Danny Herrin	Southern Company	(205) 257-6468
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Date: July 30, 2013

Meeting	
Meening	

Name	Organization	Phone Number
Roger Boillentine	NRG	609 524 4500
Roge Mutella	Sister Autin Green Strategies	202 736 8097
Roger Ballentine	Green Strategies	207 997 4997

Date: January 16, 2014

Followup Meeting on ISO Concept

Great River Energy	763-445-6101
USEPA.	202-564-0611
GREAT RIVER ENERGY	612 308 4107
Great River Fregy	763-445-5212
The Brable Gray	617-792-3053
EPA	202-564-1669
Great Mains Inst	- 701-647-2041
Great Plains Inst.	518-424-5832
The Brattle Group	978-998-9488
EPA	202-343-9089
EPA	202-5643201
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	GREAT RIVER ENERGY Great River Energy The Brable Group Great Plans Inst. The Brable Group EPA

KK-) file seone?

Date:

1/24/2014

Meeting:

Heeting with API ve methane emissions

Name	Organization	Phone number
Khary Carthen Barbara Enimika	ZPL	202-682-8209
Barbara Enimite	API	202-682-8202
MATTHEN TODD	ARI	 202 682 8319
JOHN WAZNER	API	702 602 8529
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111(d)

Date:

1/9/2014

Meeting:

Meeting with Alison Clements and John Hooke Re systainable FERC Projects

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Name	Organization		Phone number
JACOB Moss	EPA		202-343-9906
Ellen Kulonsky	EPA	V	200-564-1669
Julic Rosenbers	OP D		702343-9154
Allison Clements	NRDC		212-727-4473
John Moore	NRDC		312-651-7927
David Doniger	NROC		202 289-2403
Se laxfor	ERA		202 564 3701
my tale	EPA		202-104-0811
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Date: February 3, 2014

Tenaska Meeting | Conference Room 5415

Name	Organization	Phone number
Greg Kunkel	Tenaska, Inc.	
Greg Kunkel Rick Kessler	Levick	202-256-0780
Jessica Lenard	Levice	202 973 1312
David Risley	EPA	202-343-9/77
In ally	EPA	202-564-0611
Lora Strine	EPA	5641521
	8	

Date: February 3, 2014

Meeting with Sue Tierney | Conference Room 5415

N:	ame	Organization	Phone number
SUSAN	TERNEY	Organization Analysis Group	617-425-8114
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Date: February 6, 2014
Oil/Gas Discussion | Conference Room 5400

Name	Organization	Phone number
Melissa Hoffer	MA 460	617,963.2322
Mike Myers	NY AGO	518 402 2594
Suzie waltzer	EPA OAR	202-343-9544
Peter Tsirigotis	EPA	919-541-9411
Paul Gunning	EPA	202-343-9736
Joanne Spalding	Sierra Club	415-977-5725
David Mclabe	CATF	626 710 6542
Congol Chrester	CATE	207/721-8676
David Doniger	NRDC.	202 289 2403
V		
		(3)

Date: February 6, 2014

NAAQS Meeting

Name	Organization	Phone Number
Danawood	BP	281-366-3487
Joseph Stanks	Humon + Williams	202-955-1500
Howard Feldingy	API	2026728340
Teel Steichen	API	202 682 8\$68
Greg Bertelsen	NAM	202-637-3174
DAVED C. AIRON	NOPE	202-842-0463
PJ Wakelyn	read	202-550-8289
ME long	Cliffs	216 694 7359
Pele Pryano	AISI	202-452-7122
ROB KAUFMANN	KCPS	202-879-8552
DAVID FRIDMIN	AFPM	202 557-8461
Melissa Barbanell	Barrick	801-990-3815
Alex Bond	NMA	202-463-2608
Faul Noe	AFRPA	202-463-2700
Lorraine Gershma	n ACC	202-249-6411
David van Hoogstra	ten BP	202-457-6596
Linda Tsang	AFTPA	202-463-2752
Cindy Langworthy	Hunton Williams DARG	202-955-1525
1 7 9	1	

Date: February 5, 2014

Meeting: Downstream Oil and Gas

Organization	Phone Number
M. J. Brudky + Astor	978 405-1269
MIB+A	202-347-7206
MSBRA	202-525-5770
	-
	Organization M.J. Bradky + Assoc M.J. Br. A

Date: February 10, 2014

Meeting w/pat Vincent-Collawn, CEO of PNM Resources re: Regional Haze at the San Juan Generating Station and 111(d) (Confirmed)| Conference Room 5400

Name	Organization	Phone number
Part Vinant-lillan	Phyn	505.241.2802
Ron Darnell	PNMR	505. 362.5075
lachel liver	Forber Tate	301 312 8977
Dan Tale	Fotbes Take	202638 0125
JEBURNE PADO	PM	202 4689688
Orey Doraldzen	EVA-R6	
Kerin Culliyan	EVA	
Janet Med	F8A	
		*
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Date: February 11, 2014

API Follow-Up Meeting | Conference Room 5415

Organization	Phone number
API	202-682-8202
EPA	202-343-9476
E PA	202-343+9544
APT	202/682-851
APT	202 662 8340
API	202 622 8319
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140000000000000000000000000000000000000	
V	
	API EPA

Date: February 11, 2014

Meet with WPPI Energy Re: GHG on Existing Power Plants Conference Room 5415

Name	Organization	Phone number
DAN EBERRY		608-834-4516
Mila Peters JEFF FELDT	WPPI Energy	608-217-1993
JEAT FELDT	WPPI ENTERBY US FRA	920-462-0218
Raid Harray Joe Goffman	us FRA	202-343-9429
Soe Golfman	3. 74	
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Date: February 12, 2014
PPL Meeting on Sec 111 | Conference Room 5415

Name	Organization	Phone number
DEMMIS MURPHY	PPL BENERATION, LIC	610-774-4316
JOANNE RAPHAEL	PPL	610.774.5372
JOHN VOYLES Jr	LGEE and KU Energy	502-627-4762
Gary Rev Lett	LGEE and KU Energy	502 - 627 - 4621
Katie Ott	PPL	202 326-0184
Reid Harvey Sor Gottman	EPA EPA	202-343-9429
Doz Goffman	EPA	
	*	

Date: January 22, 2014

111(d) Meeting with Tom Lawler

Name	Organization	Phone Number
Ton Lander	Lauler Stritzin	202-340-1940
MIRE CATANTARS JOC Goffman	FTI CONSULTING	202-346-8846
Joe Goffman	ELA	
Kensa Cullisan	+(
Kensa Cullisan Reid Harrey	и	
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Date: February 18, 2014

Follow up Meeting with Michael Bardee, FERC| Conference Room 5415| 3:30 PM

Name	Organization	Phone number
Kurt Longo	FERC	202-502-8048
Jeff Demis	11	202-502-6532
MIKE BARDEE	XX	202.502.8068
Christy Walsh	U	202-502-6523
Ellen Kurlensly	EPA/ONR	207-564-1669
Joseph Collman	EXA/OAR	202.564-3201
Bill Meroney	EPA/OAP	202-343-9089
Revol Harry	n	
Peter Ts. vigon's	EPA/ORAPS	
Kurn Cillian	п	
	A 71 77	
- Ed - Jacobs	484	70,1 1 1 1 T
		292

Date: 2/19/2014

Meeting:

Meeting with NACWA RE:SSI

Organization	Phone number
NACWA	202/833-4653
NACWA	202/833-9106
Citizens Energy Gray	317.927.4393
IXACUA	202 833 3682
USEPA/OW	202-564-1153
EPA/06C	2025645577
EPA	202-564-4382
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	NACWA NACWA Citizens Energy Graup 1/ACWA USEPA/OW EPA/OGC

Date: February 20, 2014
LPCC Follow-Up Meeting | Conference Room 5415 | 11:00 PM

Name	Organization	Phone number
Slat CI	LINE	202-198-1908
Stephen Fotis	V/VF	SCF 9 LNECOM
Jay Hudson	Santre Cooper	843 761 4095
Bob Novellous	VNF '	202 298 1910
Kelly Ban	SKP	(402) 236-5262
Janet Anderson	VNF	202 298 1888
	H-40,000.0	7

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Date: February 20, 2014

DOE Meeting | Conference Room 5415 | 12:00 PM

Name	Organization	Phone number
Aaron Begnan	US DOE	202-586-5843
Carla Frisch	US DOE	202-586-6178
Bryan Mignone	US POE	202-287-5679
Joe Brygon	USEPA	2 343 963/
JULIE ROSEWBIRG	GPA.	202-343-9184
Ellen Kwlansky	· EPA	202-564-1669
Judi Greenstel	USDOE	202-586-97
sol yorkh	USEPA	202 564-3201
Sarah Duham	EPA	202 343 9140
Peter Tsiniphin	EPA	919-541-9411
Reid Harrey	ESA	202-343-9429
Alex Barron	EPA	202 564 4332
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Date: February 21, 2014

Meeting with GE on Refrigerator Retirements | Conference Room 5400| 11:30 AM

Name	Organization	Phone number
Michael Fitzpatrick	GE	202-637-4462
Jan Carlley	Samosia	202-887-566
Nother Moun	Whilepal	269-605-3336
Rob McArver	AttAM	282.872.5955
NA -	CE	202637402
Enc Joves	0c	502-452-3164
KEVW MESSIGN	AHAM	202-672-5955
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Date: February 21, 2014

Follow Up with Rob LaCount Conference Room 5415 12:00 PM

Name	Organization	Phone number
Tom Corry	MJBRA	202-525-5770
Rob La Count	MJBVA	202-347-7244
	,	

Date: 2/24/2014

Meeting: Meeting with secretary Teague

Name	Organization	Phone number
Michael Teacue	OK Sicol Energy & Environment	(405) 285-9213
Michael Teague CRAIL SUNDSTROM	OK Sec of they ?	(405) 285-9213 405-285-9213
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Date: February 25, 2014

CPI Standards Meeting | Conference Room 5415 | 3:00 PM

Name	Organization	Phone number
David Doviges	NROC	202 289 - 2403
Deren Murros	NROC	202-289-2427
Meyan Ceronsky	EDF	303-447-7024
Revd Harrey	5PA	202-343-9429
KeyhCelligh	EPA	
Las Stire	EPA	d
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Raymond L. Evans, P.E. Vice President, Environmental

330-761-4482 Fax: 330-384-5433

January 21, 2014

Mr. Joseph Goffman USEPA Headquarters William Jefferson Clinton Building Mail Code: 6101A 1200 Pennsylvania Avenue, N. W. Washington, DC 20460 Goffman.joseph@Epa.gov

Dear Mr. Goffman:

FirstEnergy submits the following comments as a part of the U.S. Environmental Protection Agency's (USEPA) listening session on the standards, regulations or guidelines for carbon emissions from modified, reconstructed, and existing power plants under Section 111(d) of the federal Clean Air Act (the Act).

FirstEnergy is a diversified energy company dedicated to environmental excellence, safety, reliability and operational excellence. Its ten electric distribution companies form one of the nation's largest investor-owned electric systems, serving customers in Ohio, Pennsylvania, New Jersey, West Virginia, Maryland, and New York. Its generation subsidiaries control approximately 18,000 megawatts of capacity from a diversified mix of scrubbed coal, non-emitting nuclear, natural gas, hydro, pumped-storage hydro, and other renewables.

Substantial CO₂ reductions have already been realized over the past decade due to the economic downturn, increasing renewable generation, low natural gas prices, energy efficiency programs, and retirements of older, less-efficient plants resulting from ever-increasing environmental regulations. It is crucial to maintain diversity within our generation fleet going forward in order to hedge against potential price increases and supply disruptions for any particular fuel. From a reliability perspective, it is essential that base-load generation (coal and nuclear) remain a feasible, obtainable, and cost-effective source of generation to meet existing and future energy needs.

While there is a lot of research underway, Carbon Capture and Storage has not been demonstrated, at a commercial scale, for new or existing pulverized coal-fired boilers and cannot be required without jeopardizing reliability. Additionally, even if commercialized, there are legal and risk management hurdles that must be simultaneously addressed prior to implementation.

USEPA is limited to issuing "emission guidelines" addressing factors relevant to the states' implementation of the Best System of Emission Reduction that has been adequately demonstrated at the source to reduce CO₂ emissions and to on-site (inside the fence) steps to

required to take into account the cost of achieving emission reductions and all non-air quality health and environmental impacts and energy requirements. Section 111(d) specifically directs USEPA to establish a procedure for states to submit plans establishing performance standards for existing sources. States possess considerable discretion and flexibility under the Act in developing standards of performance based on USEPA's emission guidelines. To the extent USEPA's guidelines are based on replacing equipment to improve the efficiency of the generating unit, USEPA should clearly exempt such activities from being considered a "modification" for purposes of NSR permitting. These guidelines proposed by USEPA need to be based on an inside-the-plant-fenceline approach allowing the states broad flexibility in developing plans to meet and implement guideline requirements.

State's should have the option to allow credit for all reductions since 2005, including plant retirements, fleet-wide averaging/trading, improving unit heat rates, equivalency for state programs, averaging/bubbling, trading, unit-specific or generally applicable variances, purchasing energy efficiency credits, adding new lower-emissions fossil fuels and renewable energy, offsets, and other cost-containment mechanisms. States should not be constrained to unit-specific requirements such as heat rate improvements or thermal efficiency improvements.

In the competitive market, current market power prices do not support making these capital investments, such as uneconomic heat rate improvements, that will likely lead to further shutdowns of coal plants. In the regulated market, all costs will be passed on to the customer, which will increase electricity rates.

It should also be noted that use of a mass-based compliance system, as opposed to a rate-based compliance system, would account for all emission reductions captured by various (and therefore account for) reduction options.

We appreciate the opportunity to provide comments as USEPA embarks on its effort to establish guidelines that address carbon pollution from modified, reconstructed, and existing power plants under Section 111(d) of the federal Clean Air Act. If you have any questions regarding these comments, please contact Michele L. Somerday, Manager, Energy Policy at msomerday@firstenergycorp.com or (330) 761-4128 or Michael J. Jirousek, Manager, Environmental Generation Air and Water Programs at mjjirousek@firstenergycorp.com or (330) 384-5744.

Sincerely,

Attention: Joseph Goffman, Senior Council for Air and Radiation

I am writing in hopes that you will help the citizens in the White Mountain area, Northern Arizona and anywhere else in the country where massive, multiple control burns are occurring on a daily basis. I am a retired Arizonan and live within approximately fifteen minutes of the Petrified Forest and the Painted Desert. I am also about an hours drive in any direction from four coal fired power plants. The EPA has taken action for clean air and is attempting to shut down many coal fired power plants in N. Arizona. I appreciate your efforts in this area, but all four power plants do not emit as much carbon and pollution as the Forest Service control and slash pile burns do in a single day. Multiple burns are occurring in multiple counties. It is no exaggeration to say the air is thick with smoke on virtually a daily basis.

If the current Forest Service policies continue many Arizonan's will be sickened and die an early death. I do not understand how you can turn a blind eye to what the Forest Service is doing in terms of control burns. If you truly believe in global warming, then you cannot let the forest service continue with it's current policies. I do not know how the forest service became set on this misguided course of control burns, rather than safer fire management techniques of thinning, responsible logging, animal grazing and air tankers for fire prevention. I am assuming numerous nature groups have lobbied for this approach in an effort to keep the logging and grazing industry from entering the forests. The only way to control forest fires is to prevent crowning or burning from tree top to tree top and control burns are a futile attempt to prevent forest fires.

I am begging you to help our area residents and intervene with the current Forest Service policies. I do not understand why a government agency is given free license to pour massive accelerants on the forest floor and set it alight on a daily basis, while private businesses and individuals are being heavily regulated. There is a huge double standard going on and I would like an answer as to why the EPA is doing nothing to protect the citizens of Arizona? Please don't tell me ADEQ monitors what is going on here. They are nothing but a shill for the Forest Service and do absolutely nothing to help us. Even on days/weeks of heavy cloud cover and inversions, they allow burning. Someone higher up must see what is going on and intervene. I am asking you to do just that.

I have attached an article I wrote for PSR and hope this will shed some light on the plight of Arizonans. We need your help. Thank you for your time.

Marsha Honn, Ph.D. 22 CR 8591 Snowflake, AZ 85937