BEFORE THE PUBLIC UTILITIES COMMISSION OF OHIO

In the Matter of the Application of Ohio Power Company and Columbus Southern Power Company for Authority to Merge and Related Approvals)))	Case No	10-2376-EL-UNC
In the Matter of the Application of Columbus Southern Power Company and Ohio Power Company for Authority to Establish a Standard Service Offer Pursuant to §4928.143, Ohio Rev. Code, in the Form of an Electric Security Plan.))))		11-346-EL-SSO 11-348-EL-SSO
In the Matter of the Application of Columbus Southern Power Company and Ohio Power Company for Approval of Certain Accounting Authority)))		11-349-EL-AAM 11-350-EL-AAM
In the Matter of the Application of Columbus Southern Power Company to Amend its Emergency Curtailment Service Riders)))	Case No.	10-343-EL-ATA
In the Matter of the Application of Ohio Power Company to Amend its Emergency Curtailment Service Riders)))	Case No	10-344-EL-ATA
In the Matter of the Commission Review of the Capacity Charges of Ohio Power Company and Columbus Southern Power Company)))	Case No	10-2929-EL-UNC
In the Matter of the Application of Columbus Southern Power Company for Approval of a Mechanism to Recover Deferred Fuel Costs Ordered Under Ohio Revised Code 4928 144))))	Case No	11-4920-EL-RDR
In the Matter of the Application of Ohio Power Company for Approval of a Mechanism to Recover Deferred Fuel Costs Ordered Under Ohio Revised Code 4928.144))))	Case No	11-4921-EL-RDR

REBUTIAL TESTIMONY OF DAVID M. ROUSH
IN SUPPORT OF THE STIPULATION AND RECOMMENDATION
ON BEHALF OF
COLUMBUS SOUTHERN POWER COMPANY
AND
OHIO POWER COMPANY

Filed: October 21, 2011

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BEFORE

THE PUBLIC UTILITIES COMMISSION OF OHIO REBUTTAL TESTIMONY OF DAVID M. ROUSH IN SUPPORT OF THE STIPULATION AND RECOMMENDATION ON BEHALF OF

COLUMBUS SOUTHERN POWER AND

OHIO POWER COMPANY

1	Q.	PLEASE STATE YOUR NAME AND BUSINESS ADDRESS.
2	A.	My name is David M Roush My business address is 1 Riverside Plaza,
3		Columbus, Ohio 43215
4	Q.	ARE YOU THE SAME DAVID M. ROUSH WHO FILED DIRECT
5		TESTIMONY IN SUPPORT OF THE STIPULATION IN THIS
6		PROCEEDING?
7	Α.	Yes.
8	<u>PUR</u>	POSE OF TESTIMONY
9	Q.	WHAT IS THE PURPOSE OF YOUR REBUTTAL TESTIMONY?
10	$\mathbf{A}_{\cdot\cdot}$	The purpose of my rebuttal testimony is to discuss certain unjustified criticisms of
11		the September 7, 2011 Joint Stipulation and Recommendation (Stipulation).
12		Specifically, I address the assertion by OCC witness Duann that residential
13		customers bear an unfair burden of the increase, the allegations made by Dr.
14		Duann, FES witness Lesser and IEU witness Murray that the Stipulation rate
15		design is inappropriate, the allegations made by Dr. Lesser that the Market
16		Transition Rider is inappropriate, and Mr. Murray's arithmetic errors used to

support a claim that Columbus Southern Power Company and Ohio Power

Company (CSP and OPCo individually and "AEP Ohio" or "Companies"

17

18

1		collectively) conceded very little in the Stipulation when compared to the initial
2		filing.
3	\mathbf{Q}_{\cdot}	WHAT EXHIBITS ARE YOU SPONSORING?
4	Α.	I am sponsoring the following exhibits:
5 6		Exhibit DMR-R1 Stipulation Change in Generation Rates Compared to Historical Subsidies
7 8 9		Exhibit DMR-R2 Comparison of Generation Service Rider Rates for First Energy to AEP Ohio Generation Rates Before and With Stipulation ESP
10		Exhibit DMR-R3 Stipulation Distribution Rate Comparison
11 12		Exhibit DMR-R4 Comparison of Rate Change With and Without Market Transition Rider
13		Exhibit DMR-R5 Comparison of ESP As-Filed to Stipulation
14	REB	<u>UTTAL ISSUES</u>
15	Q.	IEU WITNESS MURRAY (PREFILED DIRECT AT 19-20) AND OCC
16		WITNESS DUANN (PREFILED DIRECT AT 21-23) CRITICIZE THE
17		STIPULATION'S GENERATION RATE DESIGN. PLEASE DISCUSS
18		THE STIPULATION RATE DESIGN AND THE RESULTING
19		ALLOCATION OF GENERATION RATE RELIEF.
20	A	As shown in Exhibit DMR-R1, the Stipulation's change in generation rates does
21	-	vary by class of service OCC witness Duann's statement that the signatory
22		parties have not shown any credible rationale for the revenue distribution is
23		without merit (see prefiled direct at page 22, lines 16-17). Quite simply, the
24		design of the Stipulation generation prices rationalizes the rate relationships based
25		upon the manner in which the market would price such loads based upon the load
26		shape for each class. CSP's and OPCo's last rate cases were in the early 1990s.

Since that time the Companies' rates have been unbundled into generation, transmission and distribution components and subsequently adjusted based upon percentage adjustments to the then current unbundled rates. As such, the generation rates reflect an amalgamation of very old cost relationships, including any historical levels of cross-subsidization among tariff classes.

Exhibit DMR-R1 shows the historical level of cross-subsidization among the tariff classes that existed at the time of each Company's last base rate case and was part of their unbundled generation rates established in the 1999 Electric Transition Plan cases. As can be seen, those values align remarkably well with the Stipulation changes in generation rates. Thus, the removal of historical interclass subsidies further supports the rationality of the Stipulation rate design.

Further, since the Stipulation will result in SSO rates beginning in June 2015 being based upon a competitive bid process, it is important to begin the transition to such market-based pricing during 2012 through May 2015 Exhibit DMR-R2 shows a comparison of the First Energy EDU's Generation Service Rider (RIDER GEN) to AEP Ohio's generation service rates before and with the Stipulation ESP Since RIDER GEN is based upon the conversion of the results of a bidding process into rates by class under a Commission approved methodology, one would expect the rate relationships (but not the absolute values of the rates) to roughly approximate the outcome of such a process for AEP Ohio As can be seen in Exhibit DMR-R2, the Stipulation rate relationships are significantly better aligned with RIDER GEN (and thus market based pricing) than are AEP Ohio's generation service rates before the ESP Stipulation.

1	Q.	PLEASE ADDRESS THE CRITICISMS OF OCC WITNESS DUANN
2		REGARDING THE STIPULATION ALLOCATION OF RATE RELIEF
3		WITH RESPECT TO DISTRIBUTION RATES.

Α.

A

As shown in Exhibit DMR-R3, the Stipulation percentage change in distribution rates only varies slightly by class of service when viewed as a percentage change in distribution service charges. Such an assignment is both reasonable and expected. Since distribution is a larger component of smaller, low voltage customer bills, such customers total bill increase percentages are higher. This is entirely appropriate as those are the customers that are utilizing and benefiting from the distribution system, whereas larger, higher voltage customers generally are not using the distribution system at all. For these reasons, as also shown in Exhibit DMR-R3, the Stipulation percentage change in total rates resulting from the distribution rate relief should, and does, vary by tariff class.

Q. PLEASE ADDRESS THE FURTHER CRITICISMS OF IEU WITNESS MURRAY REGARDING THE STIPULATION RATE DESIGN (SEE PREFILED DIRECT PAGE 20).

Mr Murray incorrectly claims that the Stipulation generation rates are not seasonally differentiated or differentiated by time of day (see prefiled direct at 20, lines 19 and 20). As clearly shown in Exhibit DMR-2 filed September 13, 2011, the total generation rates were computed using seasonal factors, as shown in the columns labeled "Summer" and "Winter". As also shown in Exhibit DMR-2 filed September 13, 2011, the Stipulation generation rates include rates for "On-Peak Hours" and "Off-Peak Hours", by season, for customers that have elected service

under an SSO tariff with time-of-day pricing. Finally, Mr. Murray opines that the FAC charge is disconnected from market prices (see prefiled direct at 20, lines 20-23). However, as previously discussed, the Stipulation generation prices in total were established based upon market price relationships. The FAC was then subtracted to determine the base generation rates. Any extent to which the FAC may not be reflective of market is irrelevant, as the total generation prices are reflective of market. This is particularly true since SSO customers pay the total generation price (base generation rates plus the FAC), not simply one component or the other.

A.

Q. HOW DO YOU RESPOND TO THE CRITICISMS OF THE MARKET TRANSITION RIDER ASSERTED BY FES WITNESS LESSER (SEE PREFILED DIRECT AT 42-44)?

FES witness Lesser opposes the Market Transition Rider (MTR) outlined in the Stipulation (see prefiled direct at 42-44). Although recognizing that the MTR would be a credit to residential customers, Dr. Lesser still opposed the mechanism (Tr. Volume VII at page 1323 lines 9-16) Despite the criticisms of Dr. Lesser, the MTR is a valuable part of the Stipulation for customers to facilitate the transition from CSP's and OPCo's current generation rates to the market-based SSO generation service rates. Exhibit DMR-R4 clearly shows that the intent of the MTR is being accomplished Column (5) of Exhibit DMR-R4 shows the change in rates after the MTR compared to the change in rates before the MTR in Column (3). For example, the change for the CSP GS2 class before the MTR is a reduction of 2.35 cents per kWh and after the MTR is a reduction of 0.77 cents

per kWh. Conversely, the change for the CSP Residential class before the MTR is an increase of 0.60 cents per kWh and after the MTR is an increase of 0.30 cents per kWh

2.3

Q.

Α

Fundamentally, the MTR manages the transition from today's rates (Point A) to the rates in June 2015 through May 2016 which will be based upon the results of the competitive bidding process (Point B). Rather than waiting until June 2015 and potentially subjecting customers to abrupt rate changes at that time, the Stipulation provides through the MTR a reasonable glide path to get from Point A to Point B.

PLEASE DISCUSS IEU WITNESS MURRAY'S ERRONEOUS CALCULATION COMPARING THE ESP AS-FILED TO THE STIPULATION.

At page 4 of IEU witness Murray's prefiled direct testimony, Mr. Murray opines that it would be helpful to quantify the revenue increase difference between the Companies' proposal as-filed and the Stipulation and then endeavors to do so. In response, I have prepared an appropriate apples-to-apples comparison in Exhibit DMR-R5. In addition to correcting a simple, but significant, arithmetic error in Mr. Murray's calculation, I have also recognized that the Stipulation testimony exhibits reflected an updated FAC value and also established maximum values for the previously unquantified distribution increase. As shown in Exhibit DMR-R5, the Stipulation reflects a reduction of at least \$352 million dollars based upon this simple calculation, before considering the numerous other provisions of the Stipulation.

PLEASE DISCUSS IEU WITNESS MURRAY'S OBJECTION TO THE PHASE-IN RECOVERY RIDER (PIRR) APPLYING TO BOTH CSP AND OPCO CUSTOMERS.

At pages 21 and 22 of IEU witness Murray's testimony, Mr. Murray opines that "the proposed PIRR misaligns cost responsibility with benefits, which is inconsistent with well-known regulatory principles." What Mr. Murray fails to recognize is the fundamental reason that the PIRR will apply to both CSP and OPCo customers is because CSP and OPCo will be a single, merged company under the Stipulation. As recently as the merger of Monongahela Power's former Ohio service territory into CSP, costs related to Monongahela Power were paid by all CSP customers through both the recently expired Litigation Termination Rider and also the Power Acquisition Rider Most significantly, as shown in the table below, CSP customers benefit from reduced FAC costs as a result of the merger that effectively offset any perceived burden imposed by paying the PIRR.

Rates in ¢/kWh			Merged
,	CSP	OPCo	Company
Pre-Merger FAC	3.59	3.08	3.29
Pre-Merger PIRR	0.00	0.49	0.29
Total	3.59	3.57	3.58

Source: Exhibit DMR-1 Filed September 13, 2011, 2012 Rate before Proposed ESP

A.

16 Q. DOES THIS CONCLUDE YOUR REBUTTAL TESTIMONY?

17 A. Yes it does.

AEP Ohio Stipulation Change in Generation Rates Compared to Historical Subsidies

Total Generation Rates (¢/kWh)

		2012 Rates		
		before	2012 Rates with	
		Stipulation ESP	Stipulation ESP	Change
		(1)	(2)	(3)=(2)-(1)
CSP				
	RS	5 77	6 60	0 83
	GS1	8.47	5.89	(2 58)
	GS2	8.29	6.00	(2 29)
	GS3	5.92	5.62	(0 30)
	GS4/IRP	4.45	5.13	0.67
OP				
	RS	5 66	6 57	0 92
	GS1	6 70	5 87	(0.82)
	GS2	6 29	6 00	(0 28)
	GS3	5 21	5 50	0 29
	GS4/IRP	4 57	4.76	0 20

Source:

Exhibit DMR-1

Exhibit DMR-1

As Filed September 13, 2001

Generation Subsidies Remaining After Last Rate Cases

	Subsidy \$	kWh	¢/kWh
	(1)	(2)	(3)=(1)/(2)
CSP	·		
RS	\$38,509,028	4,777,337,730	0.81
GS1	(\$4,973,940)	289,093,978	(1 72)
GS2	(\$19,035,785)	1,215,044,012	(1.57)
GS3	(\$15,870,582)	5,331,338,708	(0.30)
GS4	\$1,180,893	699,239,410	0.17
ОР			
RS	\$5,645,572	6,150,996,965	0 09
GS1	(\$1,703,716)	284,462,434	(0 60)
GS2	(\$7,781,046)	2,275,968,282	(0 34)
GS3	(\$1,602,427)	6,148,842,808	(0 03)
GS4	\$6,380,538	7,167,434,076	0.09

Source:

Schedule UNB-4

Schedule UNB-7

Case Nos 99-1729-EL-ETP and 99-1730-EL-ETP

AEP Ohio Comparison of Generation Service Rider Rates for First Energy to AEP Ohio Generation Rates Before and With Stipulation ESP

Rider GEN Rates (¢/kWh)			
•	Summer	Winter	
	(Jun - Aug)	(Sep - May)	Annual
-	(1)	(2)	(3)=[(1)x3+(2)x9]/12
Ohio Edison Company			
RS	6 66	5 74	5 97
GS	6 79	5 88	6.11
GP	6 36	5 48	5.70
GSU	6 08	5 22	5.44
GT	6 01	5.15	5.36
The Toledo Edison Compa	ny		
RS	6.72	5 80	6.03
GS	7.09	6 18	6.41
GP	6.38	550	5.72
GSU	6.18	5.17	5 42
GT	5.84	4.97	5.19
The Cleveland Electric Illui	minating Company		
RS	6.67	5.76	5 98
GS	7.08	6.17	6 40
GP	5 98	5 10	5 32
GSU	5.99	5.13	5.35
GT	5 6 5	4 79	5.01

Source: Ohio Edison, Toledo Edison and CEI Sheets 114, 3rd Revised, Effective June 1, 2011

Total Generation Rates (¢/kWh)

		2012 Rates before Stipulation ESP (1)	2012 Rates with Stipulation ESP
CSP		(1)	(←)
CGF	RS	5.77	6.60
	GS1	8.47	5.89
	GS2	8.29	6.00
	GS3	5.92	5.62
	GS4/IRP	4 45	5.13
OP			
	RS	5 66	6 57
	GS1	6 70	5 87
	GS2	6 29	6 00
	GS3	5 21	5 50
	GS4/IRP	4 57	4 76
Source:		Exhibit DMR-1	Exhibit DMR-1

As Filed September 13, 2001

AEP Ohio Stipulation Distribution Rate Comparison

Total Distribution Rates (¢/kWh)

		2012 Distribution Rates before Stipulation ESP	2012 Distribution Rates with Stipulation ESP	Increase	% Increase
		(1)	(2)	$\overline{(3)=(2)-(1)}$	$\overline{(4)=(3)/(1)}$
CSP		(.,	\- /	() () ()	
00.	RS	4.00	4.40	0 40	10.0%
	GS1	3 63	3.98	0.35	9.8%
	GS2	2.41	2 62	0.21	8.7%
	GS3	1.59	1 72	0.12	7.8%
	GS4/IRP	0 28	0 30	0.02	8.3%
OP					
_	RS	3 41	3 75	0.34	9 9%
	GS1	4 04	4.46	0 42	10.3%
	GS2	2.10	2.29	0 19	8.8%
	GS3	1 49	1.60	0 12	7.8%
	GS4/IRP	0 25	0.27	0.02	9 2%

Exhibit DMR-1 Exhibit DMR-1 Source: As Filed September 13, 2001

Distribution Increase as a Percentage of Total Rates (¢/kWh)

ncrease
3)=(2)/(1)
3.6%
2.7%
1.8%
1.5%
0 4%
3 2%
3 4%
1 9%
1 5%
0 4%

Source:

Exhibit DMR-1 As Filed September 13, 2001

AEP Ohio Comparison of Rate Change With and Without Market Transition Rider

Rates (¢/kWh)

Previous ESP and Stipulation ESP Rates excluding Market Transition Rider, Distribution Investment

		Rider ar	B#1 4	Deta		
		January 2011 Billed Rates	January 2012 Rates	Rate Change	Market Transition Rider (MTR)	Rate Change with MTR
		(1)	(2)	(3)=(2)-(1)	(4)	(5)=(3)+(4)
CSP						
	RS	11.05	11.65	0.60	(0 29)	0.30
	GS1	12.86	10. 4 5	(2.41)	2 34	(0 07)
	GS2	11.74	9 39	(2 35)	1.58	(0 77)
	GS3	8.20	8 02	(0 19)	0.53	0.34
	GS4/IRP	5 36	6 32	0.96	(0 53)	0.43
ОР					(0.00)	0.04
	RS	10 19	11.06	0.87	(0 06)	0 81
	GS1	11.86	10.84	(1.02)	1.68	0.66
	GS2	9.13	8.93	(0 19)	0.54	0.34
	GS3	7.17	7 80	0 63	0.10	0.73
	GS4/IRP	4.95	5 79	0 84	(0 24)	0.61
Sour	ce:	WP DMR Page 64	WP DMR Page 64		Exhibit DMR-1	

As Filed September 13, 2001

AEP Ohio Comparison of ESP As-Filed to Stipulation

Rates (¢/kWh)

	Comparable As Filed Total Rates*	Stipulation Total Rates	Stipulation Reduction	Approximate Savings**
2012 Rates	9 14	8.88	0 26	\$ 113,109,100
2013 Rates	9 42	9 07	0 35	\$ 152,262,250
2014 Rates***	9 46	9.26	0 20	\$ 87,007,000
January - May 2015 Rates	unknown	9.26		unknown
Total				\$ 352,378,350

*Adjustments to As Filed Rates for Consistency

strients to As Fried Nates for O	As Filed Total Rates	Distribution Increase	Change in FAC	Comparable As Filed Total Rates
2012 Rates with ESP	8 93	0.19	0.02	9 14
2013 Rates	9 17	0 23	0.02	9 42
January - May 2014 Rates	9.17	0 27	0.02	9 46

^{**} Assuming 43,503.5 GWh per year

Sources: Exhibit DMR-1, Page 2, Filed January 27, 2011

Exhibit DMR-1, Page 1 and 2, Filed September 13, 2011

^{***} Conservatively assumes no increase in As Filed ESP rates for June to December 2014

CERTIFICATE OF SERVICE

I hereby certify that a true and accurate copy of the Rebuttal Testimony of David M Roush was served this 21st day of October, 2011 by electronic mail, upon the persons listed below.

//s/ Steven T. Nourse
Steven T. Nourse

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Case No(s). 10-2376-EL-UNC, 11-0346-EL-SSO, 11-0348-EL-SSO, 11-0349-EL-AAM, 11-0350-EL-AAM

Summary: Testimony Rebuttal Testimony of David M. Roush electronically filed by Mr. Steven T Nourse on behalf of American Electric Power Service Corporation