AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: AEP Appalachian Trans Co, I Month: 12/2019 Cancel

CWIP Balance $5,349,782.07 Re-Calc CWIP

Input Adj

Total $5,349,782.07 <none>

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$14,832,343.50	0.04298040
Preferred	$0.00	0
Common	$25,568,815.18	0.10350000

Compounding Rule

AFUDC Monthly

CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$0.00	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.01577925	0.00131064
Equity	0.06550239	0.00538550
CPI	0.04298040	0.00358170

Calculate

Accept

Allowance for Funds Used During Construction
CWIP Balances for the month of December 2019 Rates
Based Upon PP CWIP Balance for the month of November 2019

		Input the CWIP Balance from Final Acct Recon Query: CWIP BALANCE	Input the CWIP Balance from Pwr Plt AFUDC Rate Calculation Worksheet: CWIP Base for AFUDC	ADJ. CWIP BALANCE
AEP Appalachian Trans Co	382	5,349,782.07	5,349,782.07	0.00

INITIALS DATE

PREPARED AH 12/17/19

CHECKED AKP 12/19/19

REVIEWED _____ _____

Summary of Financing Rates for AFUDC Calculation
December 2019

	LTD Balance	Interest	Rate	Preferred Balance	Interest	Rate	Common Balance	Rate	Short Term Debt	Rate
AEP APCo Transco - BU 382	14,832,343.50	53,125.00	0.04298040	-	-	#DIV/0!	25,568,815.18	0.10350000	(5,042,448.93)	0.02009400
Total Company	**14,832,343.50**	**53,125.00**	**0.04298040**	**-**	**-**	**#DIV/0!**	**25,568,815.18**	**0.10350000**	**(5,042,448.93)**	**0.02009400**

ROE to change from 10.49 to 10.35 was confirmed by Rod Giffin on 4/16/18
ROE of 10.49 confirmed by Rod Giffin 1/15/18

AEP Appalachian Trans Co
AFUDC Calculation

	Balance	Rate
Long Term Debt	**14,832,343.50**	**0.04298040**
Preferred	**0.00**	**0.00000000**
Common	**25,568,815.18**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

382

AEP Appalachian Trans Co

AFUDC Calculation

2018-12-31

Long Term Debt

Account	Description		Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
2230000	Advances from Associated Co		15,000,000.00	0.00	15,000,000.00
2260103	Unam Disc LTD-Dr-Notes Pay-Aff		(2,677.56)	7.48	(2,670.08)
	Long Term Debt	BL	**14,997,322.44**	7.48	**14,997,329.92**
1810006	Unamort Debt Exp - Sr Unsec Nt		(165,448.57)	462.15	(164,986.42)
	Unamortized Debt Expense	BA	**(165,448.57)**	462.15	**(164,986.42)**
	Unamortized Loss Reacquired Debt	BA	**0.00**	0.00	**0.00**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**14,831,873.87**	469.63	**14,832,343.50**

4300001	Interest Exp - Assoc Non-CBP		(148,760.68)	(53,125.00)	(201,885.68)
	Interest on Long Term Debt	IS	(148,760.68)	**(53,125.00)**	(201,885.68)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2080000	Donations Recvd from Stckhldrs		25,000,000.00	0.00	25,000,000.00
2160001	Unapprp Retnd Erngs-Unrstrictd		(362,923.39)	0.00	(362,923.39)
	TOTAL PROPRIETARY CAPITAL		24,637,076.61	0.00	24,637,076.61
	NET INCOME (LOSS)	RE	**773,878.41**	157,860.17	**931,738.58**
	Common Shareholders' Equity	BL	**25,410,955.02**	157,860.17	**25,568,815.18**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**25,410,955.02**	157,860.17	**25,568,815.18**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**

4300003	Int to Assoc Co - CBP		(287,884.58)	(13,687.08)	(301,571.66)
4310007	Lines Of Credit		(50,508.79)	(5,695.25)	(56,204.04)
	Interest on Short Term Debt	IS	(338,393.37)	**(19,382.33)**	(357,775.70)

LTD Rate	14,832,343.50	53,125.00	0.04298040
Preferred Rate	0.00	0.00	0.00000000
Common	25,568,815.18		

STD Rate	0.00		
	0.00		
	0.00		
	0.00	19,382.33	0.00000000

IAA Interest Report

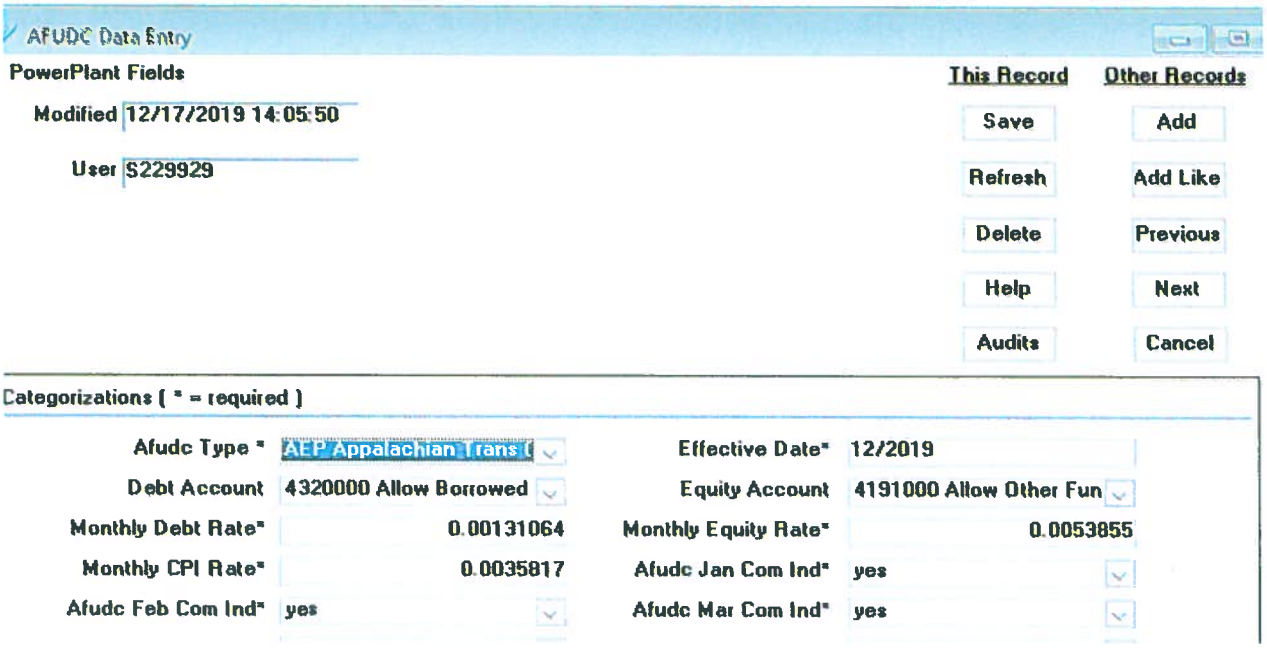
Calculated Interest Date Range
From: 11/1/2019 To: 11/30/2019

Posted Interest Date Range
From: 11/1/2019 To: 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
382	ia-382	I00260	568	11/1/2019	0.00006022794%	2.1682%	$5,963,178.86	$359.15	$361.49
382	ia-382	I00260	568	11/2/2019	0.00006022767%	2.1682%	$5,963,538.01	$359.17	
382	ia-382	I00260	568	11/3/2019	0.00006022740%	2.1682%	$5,963,897.18	$359.19	
382	ia-382	I00260	568	11/4/2019	0.00005988911%	2.1560%	$5,123,803.13	$306.86	$1,077.51
382	ia-382	I00260	568	11/5/2019	0.00005961420%	2.1461%	$5,119,920.85	$305.22	$306.86
382	ia-382	I00260	568	11/6/2019	0.00005929544%	2.1346%	$5,189,268.95	$307.70	$305.22
382	ia-382	I00260	568	11/7/2019	0.00005855134%	2.1079%	$5,183,826.61	$303.52	$307.70
382	ia-382	I00260	568	11/8/2019	0.00005716167%	2.0578%	$5,172,347.49	$295.66	$303.52
382	ia-382	I00260	568	11/9/2019	0.00005716227%	2.0578%	$5,172,643.15	$295.68	
382	ia-382	I00260	568	11/10/2019	0.00005716093%	2.0578%	$5,172,938.83	$295.69	
382	ia-382	I00260	568	11/11/2019	0.00005716153%	2.0578%	$5,173,234.52	$295.71	
382	ia-382	I00260	568	11/12/2019	0.00005680750%	2.0451%	$5,172,908.28	$293.86	$1,182.74
382	ia-382	I00260	568	11/13/2019	0.00005578324%	2.0082%	$5,171,445.62	$288.48	$293.86
382	ia-382	I00260	568	11/14/2019	0.00005547270%	1.9970%	$5,156,770.94	$286.06	$288.48
382	ia-382	I00260	568	11/15/2019	0.00005460161%	1.9656%	$5,123,658.23	$279.76	$286.06
382	ia-382	I00260	568	11/16/2019	0.00005460058%	1.9656%	$5,123,937.99	$279.77	
382	ia-382	I00260	568	11/17/2019	0.00005460150%	1.9656%	$5,124,217.76	$279.79	
382	ia-382	I00260	568	11/18/2019	0.00005410734%	1.9479%	$5,085,816.62	$275.18	$839.32
382	ia-382	I00260	568	11/19/2019	0.00005392351%	1.9412%	$5,085,722.71	$274.24	$275.18
382	ia-382	I00260	568	11/20/2019	0.00005385043%	1.9386%	$5,080,368.06	$273.58	$274.24
382	ia-382	I00260	568	11/21/2019	0.00005337831%	1.9216%	$5,111,626.81	$272.85	$273.58
382	ia-382	I00260	568	11/22/2019	0.00005346782%	1.9248%	$4,548,156.51	$243.18	$272.85
382	ia-382	I00260	568	11/23/2019	0.00005346716%	1.9248%	$4,548,399.69	$243.19	
382	ia-382	I00260	568	11/24/2019	0.00005346870%	1.9248%	$4,548,642.88	$243.21	
382	ia-382	I00260	568	11/25/2019	0.00005339934%	1.9224%	$4,521,216.99	$241.43	$729.58
382	ia-382	I00260	568	11/26/2019	0.00005340116%	1.9224%	$4,457,019.48	$238.01	$241.43
382	ia-382	I00260	568	11/27/2019	0.00005340139%	1.9224%	$4,412,993.38	$235.66	$238.01
382	ia-382	I00260	568	11/28/2019	0.00005340081%	1.9224%	$4,413,229.04	$235.67	
382	ia-382	I00260	568	11/29/2019	0.00005336109%	1.9210%	$4,694,244.41	$250.49	$471.33
382	ia-382	I00260	568	11/30/2019	0.00005336037%	1.9210%	$4,694,494.90	$250.50	
						2.0094%	**$5,042,448.93**	**$8,468.46**	**$8,328.96**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Investor

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/17/2019 14:05:50
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * AEP Appalachian Trans (
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00131064
Monthly Equity Rate* 0.0053855
Monthly CPI Rate* 0.0035817
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: AEP Indiana Michigan Trans Month: 12/2019 Cancel

CWIP Balance $464,109,860.02 Re-Calc CWIP
Input Adj
Total $464,109,860.02 <none>

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$769,850,136.68	0.03849273
Preferred	$0.00	0
Common	$973,068,651.37	0.10350000

Compounding Rule

AFUDC: Monthly
CPI: Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$40,781,218.35	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.01727397	0.00143434
Equity	0.05270642	0.00434474
CPI	0.03756713	0.00313059

Calculate

Accept

Allowance for Funds Used During Construction
CWIP Balances for the month of December 2019 Rates
Based Upon PP CWIP Balance for the month of November 2019

		Input the CWIP Balance from Final Acct Recon Query: CWIP BALANCE	Input the CWIP Balance from Pwr Plt AFUDC Rate Calculation Worksheet: CWIP Base for AFUDC	ADJ. CWIP BALANCE
AEP Indiana Michigan Trans Co	385	464,109,860.02	464,109,860.02	0.00

INITIALS DATE
PREPARED AH 12/17/19
CHECKED HKP 12/19/19
REVIEWED

Summary of Financing Rates for AFUDC Calculation
December 2019

	LTD Balance	Interest	Rate	Preferred Balance	Interest	Rate	Common Balance	Rate	Short Term Debt	Rate
AEP IM Transco - BU 385	769,850,136.68	2,469,469.15	0.03849273	-	-	#DIV/0!	973,068,651.37	**0.10350000**	40,781,218.35	0.02009400
Total Company	**769,850,136.68**	**2,469,469.15**	**0.03849273**	**-**	**-**	**#DIV/0!**	**973,068,651.37**	**0.10350000**	**40,781,218.35**	**0.02009400**

ROE to change from 10.49 to 10.35 was confirmed by Rod Giffin on 4/16/18
ROE of 10.49 confirmed by Rod Giffin 1/15/18

AEP Indiana Michigan Trans Co
AFUDC Calculation

	Balance	Rate
Long Term Debt	**769,850,136.68**	**0.03849273**
Preferred	**0.00**	**0.00000000**
Common	**973,068,651.37**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

385

AEP Indiana Michigan Trans Co

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2230000	Advances from Associated Co		755,950,000.00	0.00	755,950,000.00
2230500	Advances from Assoc Co-Current		21,600,000.00	0.00	21,600,000.00
2250103	Unamr Prem LTD-Notes Pay-Aff		246,877.09	(2,571.64)	244,305.45
2260103	Unam Disc LTD-Dr-Notes Pay-Aff		(2,202,700.37)	8,025.92	(2,194,674.45)
	Long Term Debt	BL	**775,594,176.72**	5,454.28	**775,599,631.00**
1810006	Unamort Debt Exp - Sr Unsec Nt		(5,782,229.40)	32,735.08	(5,749,494.32)
	Unamortized Debt Expense	BA	**(5,782,229.40)**	32,735.08	**(5,749,494.32)**
	Unamortized Loss Reacquired Debt	BA	**0.00**	0.00	**0.00**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00

	Adjusted Long Term Debt		**769,811,947.32**	38,189.36	**769,850,136.68**
4300001	Interest Exp - Assoc Non-CBP		(24,360,048.41)	(2,469,469.15)	(26,829,517.56)
	Interest on Long Term Debt	IS	(24,360,048.41)	**(2,469,469.15)**	(26,829,517.56)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2080000	Donations Recvd from Stckhldrs		712,650,000.00	0.00	712,650,000.00
2160001	Unapprp Retnd Erngs-Unrstrictd		185,262,001.68	0.00	185,262,001.68
	TOTAL PROPRIETARY CAPITAL		897,912,001.68	0.00	897,912,001.68
	NET INCOME (LOSS)	RE	**69,494,237.34**	5,662,412.35	**75,156,649.69**
	Common Shareholders' Equity	BL	**967,406,239.02**	5,662,412.35	**973,068,651.37**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**967,406,239.02**	5,662,412.35	**973,068,651.37**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		(1,382,958.69)	(17,853.32)	(1,400,812.01)
4310007	Lines Of Credit		(240,578.46)	(27,654.54)	(268,233.00)
	Interest on Short Term Debt	IS	(1,623,537.15)	**(45,507.86)**	(1,669,045.01)

LTD Rate	769,850,136.68	2,469,469.15	0.03849273
Preferred Rate	0.00	0.00	0.00000000
Common	973,068,651.37		

STD Rate	0.00		
	0.00		
	0.00		
	0.00	45,507.86	0.00000000

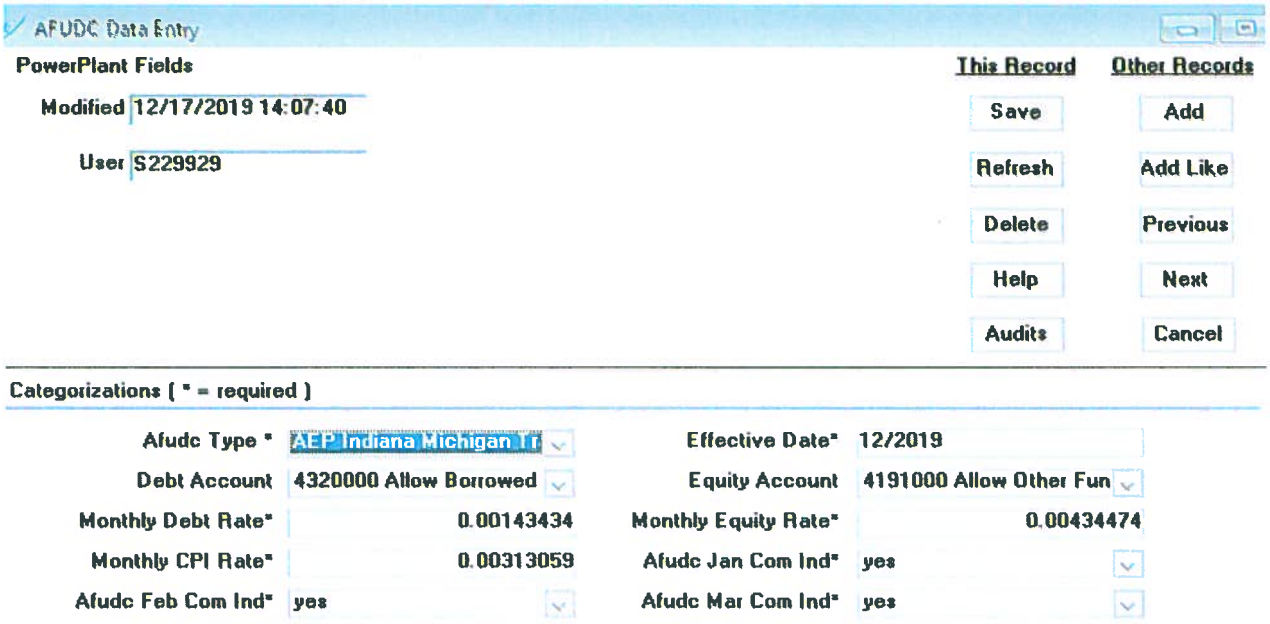
IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 To: 11/30/2019

Posted Interest Date Range
From: 11/1/2019 To: 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
385	ia-385	I00260	571	11/1/2019	0.00006022626%	2.1682%	$3,931,009.48	$236.75	$277.59
385	ia-385	I00260	571	11/2/2019	0.00006022772%	2.1682%	$3,931,246.23	$236.77	
385	ia-385	I00260	571	11/3/2019	0.00006022664%	2.1682%	$3,931,483.00	$236.78	
385	ia-385	I00260	571	11/4/2019	0.00005989044%	2.1560%	$-6,749,825.28	$-404.25	$710.30
385	ia-385	I00260	571	11/5/2019	0.00005961418%	2.1461%	$-7,798,983.56	$-464.93	$-404.25
385	ia-385	I00260	571	11/6/2019	0.00005929628%	2.1346%	$-9,148,128.11	$-542.45	$-464.93
385	ia-385	I00260	571	11/7/2019	0.00005855163%	2.1079%	$-11,793,353.29	$-690.52	$-542.45
385	ia-385	I00260	571	11/8/2019	0.00005716169%	2.0578%	$-14,705,304.13	$-840.58	$-690.52
385	ia-385	I00260	571	11/9/2019	0.00005716182%	2.0578%	$-14,706,144.71	$-840.63	
385	ia-385	I00260	571	11/10/2019	0.00005716195%	2.0578%	$-14,706,985.34	$-840.68	
385	ia-385	I00260	571	11/11/2019	0.00005716141%	2.0578%	$-14,707,826.02	$-840.72	
385	ia-385	I00260	571	11/12/2019	0.00005680765%	2.0451%	$-17,341,502.26	$-985.13	$-3,362.61
385	ia-385	I00260	571	11/13/2019	0.00005578276%	2.0082%	$-17,387,091.83	$-969.90	$-985.13
385	ia-385	I00260	571	11/14/2019	0.00005547236%	1.9970%	$-45,531,862.99	$-2,525.76	$-969.90
385	ia-385	I00260	571	11/15/2019	0.00005460100%	1.9656%	$-53,033,648.35	$-2,895.69	$-2,525.76
385	ia-385	I00260	571	11/16/2019	0.00005460103%	1.9656%	$-53,036,544.04	$-2,895.85	
385	ia-385	I00260	571	11/17/2019	0.00005460107%	1.9656%	$-53,039,439.89	$-2,896.01	
385	ia-385	I00260	571	11/18/2019	0.00005410777%	1.9479%	$-58,967,316.66	$-3,190.59	$-8,687.55
385	ia-385	I00260	571	11/19/2019	0.00005392250%	1.9412%	$-60,421,527.44	$-3,258.08	$-3,190.59
385	ia-385	I00260	571	11/20/2019	0.00005385058%	1.9386%	$-64,828,454.28	$-3,491.05	$-3,258.08
385	ia-385	I00260	571	11/21/2019	0.00005337775%	1.9216%	$-66,807,606.88	$-3,566.04	$-3,491.05
385	ia-385	I00260	571	11/22/2019	0.00005346792%	1.9248%	$-72,830,770.24	$-3,894.11	$-3,566.04
385	ia-385	I00260	571	11/23/2019	0.00005346795%	1.9248%	$-72,834,664.35	$-3,894.32	
385	ia-385	I00260	571	11/24/2019	0.00005346797%	1.9248%	$-72,838,558.67	$-3,894.53	
385	ia-385	I00260	571	11/25/2019	0.00005340029%	1.9224%	$-75,313,263.49	$-4,021.75	$-11,682.96
385	ia-385	I00260	571	11/26/2019	0.00005340024%	1.9224%	$-76,860,890.60	$-4,104.39	$-4,021.75
385	ia-385	I00260	571	11/27/2019	0.00005340027%	1.9224%	$-79,724,686.91	$-4,257.32	$-4,104.39
385	ia-385	I00260	571	11/28/2019	0.00005340031%	1.9224%	$-79,728,944.23	$-4,257.55	
385	ia-385	I00260	571	11/29/2019	0.00005336119%	1.9210%	$-60,191,876.80	$-3,211.91	$-8,514.87
385	ia-385	I00260	571	11/30/2019	0.00005336116%	1.9210%	$-60,195,088.71	$-3,212.08	
						2.0094%	$-40,781,218.35	$-66,176.52	$-59,474.94
						Avg Rate	Avg Daily Balance	Total Calculated	Total Posted

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/17/2019 14:07:40
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * AEP Indiana Michigan T
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00143434
Monthly Equity Rate* 0.00434474
Monthly CPI Rate* 0.00313059
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: AEP Kentucky Trans Co Inc. Month: 12/2019

Cancel

CWIP Balance $15,774,812.41

Input Adj

Total $15,774,812.41

Re-Calc CWIP

<none>

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$42,484,276.61	0.03795522
Preferred	$0.00	0
Common	$55,154,655.27	0.10350000

Compounding Rule

AFUDC Monthly

CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$10,503,562.69	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.01889803	0.00156867
Equity	0.01953660	0.00162146
CPI	0.03441466	0.00286789

Calculate

Accept

Allowance for Funds Used During Construction
CWIP Balances for the month of December 2019 Rates
Based Upon PP CWIP Balance for the month of November 2019

		Input the CWIP Balance from Final Acct Recon Query: CWIP BALANCE	Input the CWIP Balance from Pwr Plt AFUDC Rate Calculation Worksheet: CWIP Base for AFUDC	ADJ. CWIP BALANCE
AEP Kentucky Trans CO	384	15,774,812.41	15,774,812.41	0.00

INITIALS DATE

PREPARED CH 12/17/19

CHECKED HKP 12/19/19

REVIEWED _____ _____

Summary of Financing Rates for AFUDC Calculation
December 2019

	LTD Balance	Interest	Rate	Preferred Balance	Interest	Rate	Common Balance	Rate	Short Term Debt	Rate
AEP KPCo Transco - BU 384	42,484,276.61	134,374.99	0.03795522	-	-	#DIV/0!	55,154,655.27	**0.10350000**	10,503,562.69	0.02009400
Total Company	**42,484,276.61**	**134,374.99**	**0.03795522**	**-**	**-**	**#DIV/0!**	**55,154,655.27**	**0.10350000**	**10,503,562.69**	**0.02009400**

ROE to change from 10.49 to 10.35 was confirmed by Rod Giffin on 4/16/18
ROE of 10.49 confirmed by Rod Giffin 1/15/18

AEP Kentucky Trans Co
AFUDC Calculation

	Balance	Rate
Long Term Debt	**42,484,276.61**	**0.03795522**
Preferred	**0.00**	**0.00000000**
Common	**55,154,655.27**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

384

AEP Kentucky Trans Co

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2230000	Advances from Associated Co		43,000,000.00	0.00	43,000,000.00
2250103	Unamr Prem LTD-Notes Pay-Aff		21,783.27	(226.91)	21,556.36
2260103	Unam Disc LTD-Dr-Notes Pay-Aff		(214,178.63)	682.57	(213,496.06)
	Long Term Debt	BL	**42,807,604.64**	455.66	**42,808,060.30**
1810006	Unamort Debt Exp - Sr Unsec Nt		(325,458.04)	1,674.35	(323,783.69)
	Unamortized Debt Expense	BA	**(325,458.04)**	1,674.35	**(323,783.69)**
	Unamortized Loss Reacquired Debt	BA	**0.00**	0.00	**0.00**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**42,482,146.60**	2,130.01	**42,484,276.61**

4300001	Interest Exp - Assoc Non-CBP		(1,479,203.19)	(134,374.99)	(1,613,578.18)
	Interest on Long Term Debt	IS	(1,479,203.19)	**(134,374.99)**	(1,613,578.18)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2080000	Donations Recvd from Stckhldrs		40,707,500.00	0.00	40,707,500.00
2160001	Unapprp Retnd Erngs-Unrstrictd		8,779,306.58	0.00	8,779,306.58
	TOTAL PROPRIETARY CAPITAL		49,486,806.58	0.00	49,486,806.58
	NET INCOME (LOSS)	RE	**5,358,587.79**	309,260.90	**5,667,848.69**
	Common Shareholders' Equity	BL	**54,845,394.37**	309,260.90	**55,154,655.27**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**54,845,394.37**	309,260.90	**55,154,655.27**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**

4300003	Int to Assoc Co - CBP		(2,050.41)	(3,228.79)	(5,279.20)
4310007	Lines Of Credit		(95,088.94)	(10,737.29)	(105,826.23)
	Interest on Short Term Debt	IS	(97,139.35)	**(13,966.08)**	(111,105.43)

LTD Rate	42,484,276.61	134,374.99	0.03795522
Preferred Rate	0.00	0.00	0.00000000
Common	55,154,655.27		

STD Rate	0.00		
	0.00		
	0.00		
	0.00	13,966.08	0.00000000

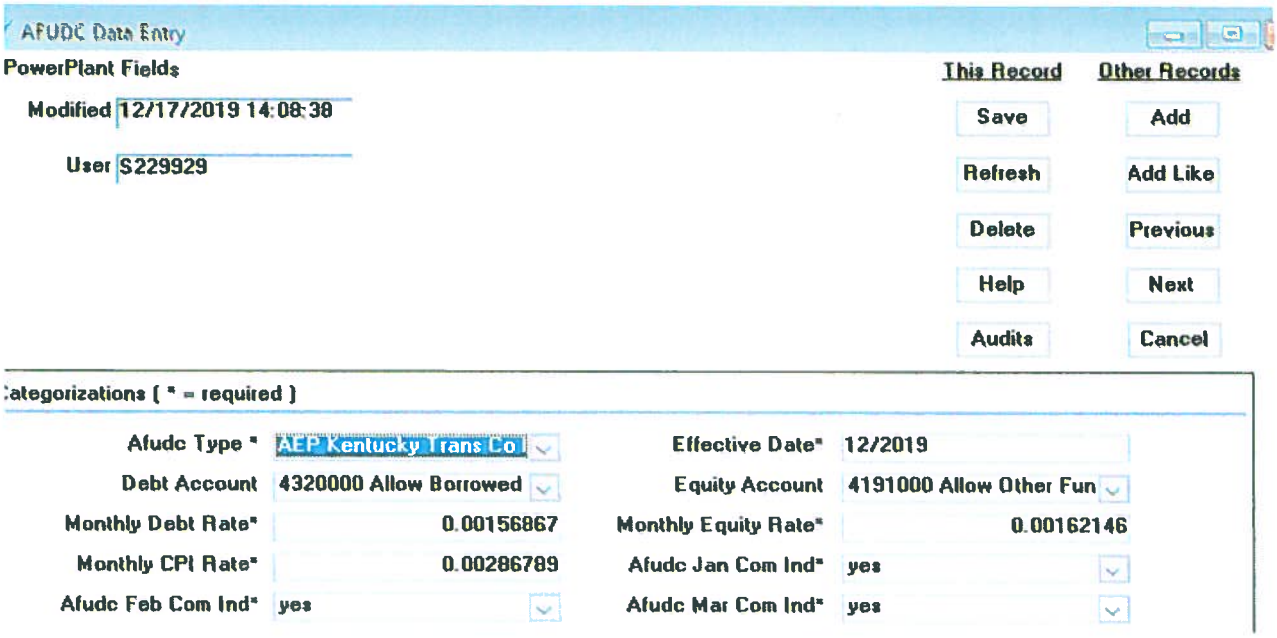
IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

Posted Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
384	ia-384	I00260	570	11/1/2019	0.00006022679%	2.1682%	$-9,897,589.43	$-596.10	$-482.61
384	ia-384	I00260	570	11/2/2019	0.00006022720%	2.1682%	$-9,898,185.53	$-596.14	
384	ia-384	I00260	570	11/3/2019	0.00006022761%	2.1682%	$-9,898,781.67	$-596.18	
384	ia-384	I00260	570	11/4/2019	0.00005988988%	2.1560%	$-10,431,812.87	$-624.76	$-1,788.42
384	ia-384	I00260	570	11/5/2019	0.00005961401%	2.1461%	$-10,433,788.44	$-622.00	$-624.76
384	ia-384	I00260	570	11/6/2019	0.00005929595%	2.1346%	$-10,403,409.12	$-616.88	$-622.00
384	ia-384	I00260	570	11/7/2019	0.00005855160%	2.1079%	$-10,410,817.56	$-609.57	$-616.88
384	ia-384	I00260	570	11/8/2019	0.00005716185%	2.0578%	$-10,417,261.90	$-595.47	$-609.57
384	ia-384	I00260	570	11/9/2019	0.00005716147%	2.0578%	$-10,417,857.37	$-595.50	
384	ia-384	I00260	570	11/10/2019	0.00005716204%	2.0578%	$-10,418,452.87	$-595.54	
384	ia-384	I00260	570	11/11/2019	0.00005716165%	2.0578%	$-10,419,048.41	$-595.57	
384	ia-384	I00260	570	11/12/2019	0.00005680752%	2.0451%	$-10,423,267.18	$-592.12	$-2,382.08
384	ia-384	I00260	570	11/13/2019	0.00005578260%	2.0082%	$-10,423,859.30	$-581.47	$-592.12
384	ia-384	I00260	570	11/14/2019	0.00005547264%	1.9970%	$-10,530,777.09	$-584.17	$-581.47
384	ia-384	I00260	570	11/15/2019	0.00005460127%	1.9656%	$-10,644,074.27	$-581.18	$-584.17
384	ia-384	I00260	570	11/16/2019	0.00005460111%	1.9656%	$-10,644,655.45	$-581.21	
384	ia-384	I00260	570	11/17/2019	0.00005460095%	1.9656%	$-10,645,236.66	$-581.24	
384	ia-384	I00260	570	11/18/2019	0.00005410734%	1.9479%	$-10,674,337.75	$-577.56	$-1,743.63
384	ia-384	I00260	570	11/19/2019	0.00005392252%	1.9412%	$-10,767,115.83	$-580.59	$-577.56
384	ia-384	I00260	570	11/20/2019	0.00005385035%	1.9386%	$-10,770,403.92	$-579.99	$-580.59
384	ia-384	I00260	570	11/21/2019	0.00005337732%	1.9216%	$-10,784,730.76	$-575.66	$-579.99
384	ia-384	I00260	570	11/22/2019	0.00005346831%	1.9248%	$-10,788,820.54	$-576.86	$-575.66
384	ia-384	I00260	570	11/23/2019	0.00005346823%	1.9248%	$-10,789,397.40	$-576.89	
384	ia-384	I00260	570	11/24/2019	0.00005346815%	1.9248%	$-10,789,974.29	$-576.92	
384	ia-384	I00260	570	11/25/2019	0.00005340016%	1.9224%	$-10,796,784.26	$-576.55	$-1,730.67
384	ia-384	I00260	570	11/26/2019	0.00005339988%	1.9224%	$-10,825,680.62	$-578.09	$-576.55
384	ia-384	I00260	570	11/27/2019	0.00005339998%	1.9224%	$-11,020,416.56	$-588.49	$-578.09
384	ia-384	I00260	570	11/28/2019	0.00005339985%	1.9224%	$-11,021,005.05	$-588.52	
384	ia-384	I00260	570	11/29/2019	0.00005336123%	1.9210%	$-9,859,406.20	$-526.11	$-1,177.01
384	ia-384	I00260	570	11/30/2019	0.00005336142%	1.9210%	$-9,859,932.31	$-526.14	
						2.0094%	**$-10,503,562.69**	**$-17,573.47**	**$-17,003.83**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/17/2019 14:08:38
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * AEP Kentucky Trans Co I
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00156867
Monthly Equity Rate* 0.00162146
Monthly CPI Rate* 0.00286789
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: AEP Ohio Transmission Co Ir Month: 12/2019 Cancel

CWIP Balance $844,150,593.64 Re-Calc CWIP
Input Adj
Total $844,150,593.64 <none>

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$1,167,424,555.28 ✓	0.04001981 ✓
Preferred	$0.00	0
Common	$1,496,674,333.80 ✓	0.10350000 ✓

Compounding Rule

AFUDC	Monthly
CPI	Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$0.00	0.02009400 ✓

	Nominal Annual Rate	Calculated Rate	
Debt	0.01753693	0.00145610 ✓	Calculate
Equity	0.05814566	0.00478780 ✓	
CPI	0.04001981	0.00333498 ✓	Accept

Allowance for Funds Used During Construction
CWIP Balances for the month of December 2019 Rates
Based Upon PP CWIP Balance for the month of November 2019

		Input the CWIP Balance from Final Acct Recon Query: CWIP BALANCE		Input the CWIP Balance from Pwr Plt AFUDC Rate Calculation Worksheet: CWIP Base for AFUDC	ADJ. CWIP BALANCE
AEP Ohio Trans Co	380	844,150,593.64		844,150,593.64	0.00

INITIALS DATE
PREPARED AA 12/17/19
CHECKED HKP 12/19/19
REVIEWED ____ ____

Summary of Financing Rates for AFUDC Calculation
December 2019

	LTD Balance	Interest	Rate	Preferred Balance	Interest	Rate	Common Balance	Rate	Short Term Debt	Rate
AEP Ohio Transco - BU 380	1,167,424,555.28	3,893,342.49	0.04001981	-	-	#DIV/0!	1,496,674,333.80	**0.10350000**	(19,409,686.30)	0.02009400
Total Company	**1,167,424,555.28**	**3,893,342.49**	**0.04001981**	**-**	**-**	**#DIV/0!**	**1,496,674,333.80**	**0.10350000**	**(19,409,686.30)**	**0.02009400**

ROE to change from 10.49 to 10.35 was confirmed by Rod Giffin on 4/16/18
ROE of 10.49 confirmed by Rod Giffin 1/15/18

AEP Ohio Trans Co
AFUDC Calculation

	Balance	Rate
Long Term Debt	**1,167,424,555.28**	**0.04001981**
Preferred	**0.00**	**0.00000000**
Common	**1,496,674,333.80**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

380

AEP Ohio Trans Co

AFUDC Calculation

2018-12-31

Long Term Debt

Account	Description		Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
2230000	Advances from Associated Co		1,143,700,000.00	0.00	1,143,700,000.00
2230500	Advances from Assoc Co-Current		33,900,000.00	0.00	33,900,000.00
2250103	Unamr Prem LTD-Notes Pay-Aff		341,271.27	(3,554.91)	337,716.36
2260103	Unam Disc LTD-Dr-Notes Pay-Aff		(2,847,793.64)	9,396.69	(2,838,396.95)
	Long Term Debt	BL	**1,175,093,477.63**	5,841.78	**1,175,099,319.41**
1810006	Unamort Debt Exp - Sr Unsec Nt		(7,717,739.96)	42,975.83	(7,674,764.13)
	Unamortized Debt Expense	BA	**(7,717,739.96)**	42,975.83	**(7,674,764.13)**
	Unamortized Loss Reacquired Debt	BA	**0.00**	0.00	**0.00**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00

	Adjusted Long Term Debt		**1,167,375,737.67**	48,817.61	**1,167,424,555.28**
4300001	Interest Exp - Assoc Non-CBP		(40,411,138.33)	(3,893,342.49)	(44,304,480.82)
	Interest on Long Term Debt	IS	(40,411,138.33)	**(3,893,342.49)**	(44,304,480.82)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2080000	Donations Recvd from Stckhldrs		965,500,000.00	0.00	965,500,000.00
2160001	Unapprp Retnd Erngs-Unrstrictd		406,135,398.93	0.00	406,135,398.93
	TOTAL PROPRIETARY CAPITAL		1,371,635,398.93	0.00	1,371,635,398.93
	NET INCOME (LOSS)	RE	**115,742,768.94**	9,296,165.92	**125,038,934.86**
	Common Shareholders' Equity	BL	**1,487,378,167.88**	9,296,165.92	**1,496,674,333.80**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**1,487,378,167.88**	9,296,165.92	**1,496,674,333.80**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		(1,139,043.98)	0.00	(1,139,043.98)
4310007	Lines Of Credit		(337,135.98)	(38,866.35)	(376,002.33)
	Interest on Short Term Debt	IS	(1,476,179.96)	**(38,866.35)**	(1,515,046.31)

LTD Rate	1,167,424,555.28	3,893,342.49	0.04001981
Preferred Rate	0.00	0.00	0.00000000
Common	1,496,674,333.80		

STD Rate	0.00		
	0.00		
	0.00		
	0.00	38,866.35	0.00000000

IAA Interest Report

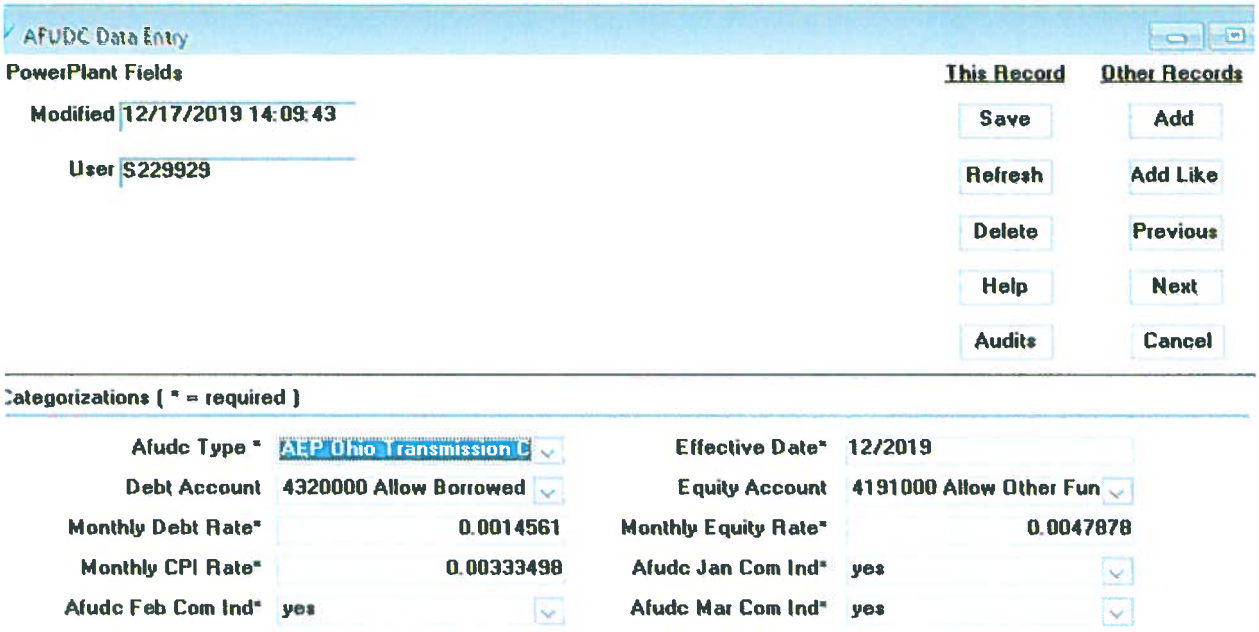
Calculated Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

Posted Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
380	ia-380	I00260	574	11/1/2019	0.00006022726%	2.1682%	$67,895,500.42	$4,089.16	$4,135.82
380	ia-380	I00260	574	11/2/2019	0.00006022717%	2.1682%	$67,899,589.58	$4,089.40	
380	ia-380	I00260	574	11/3/2019	0.00006022722%	2.1682%	$67,903,678.98	$4,089.65	
380	ia-380	I00260	574	11/4/2019	0.00005989002%	2.1560%	$52,830,675.99	$3,164.03	$12,268.21
380	ia-380	I00260	574	11/5/2019	0.00005961400%	2.1461%	$52,360,856.29	$3,121.44	$3,164.03
380	ia-380	I00260	574	11/6/2019	0.00005929572%	2.1346%	$53,582,450.65	$3,177.21	$3,121.44
380	ia-380	I00260	574	11/7/2019	0.00005855170%	2.1079%	$49,396,175.23	$2,892.23	$3,177.21
380	ia-380	I00260	574	11/8/2019	0.00005716177%	2.0578%	$47,205,675.84	$2,698.36	$2,892.23
380	ia-380	I00260	574	11/9/2019	0.00005716168%	2.0578%	$47,208,374.20	$2,698.51	
380	ia-380	I00260	574	11/10/2019	0.00005716180%	2.0578%	$47,211,072.71	$2,698.67	
380	ia-380	I00260	574	11/11/2019	0.00005716171%	2.0578%	$47,213,771.38	$2,698.82	
380	ia-380	I00260	574	11/12/2019	0.00005680764%	2.0451%	$42,924,156.30	$2,438.42	$10,794.36
380	ia-380	I00260	574	11/13/2019	0.00005578262%	2.0082%	$42,696,813.19	$2,381.74	$2,438.42
380	ia-380	I00260	574	11/14/2019	0.00005547174%	1.9970%	$4,115,428.50	$228.29	$2,381.74
380	ia-380	I00260	574	11/15/2019	0.00005460199%	1.9656%	$1,395,370.48	$76.19	$228.29
380	ia-380	I00260	574	11/16/2019	0.00005459901%	1.9656%	$1,395,446.67	$76.19	
380	ia-380	I00260	574	11/17/2019	0.00005460319%	1.9656%	$1,395,522.86	$76.20	
380	ia-380	I00260	574	11/18/2019	0.00005410758%	1.9479%	$-4,296,255.58	$-232.46	$228.58
380	ia-380	I00260	574	11/19/2019	0.00005392260%	1.9412%	$-5,114,553.26	$-275.79	$-232.46
380	ia-380	I00260	574	11/20/2019	0.00005384979%	1.9386%	$-5,931,685.61	$-319.42	$-275.79
380	ia-380	I00260	574	11/21/2019	0.00005337789%	1.9216%	$-8,530,686.20	$-455.35	$-319.42
380	ia-380	I00260	574	11/22/2019	0.00005346823%	1.9248%	$-15,422,242.43	$-824.60	$-455.35
380	ia-380	I00260	574	11/23/2019	0.00005346796%	1.9248%	$-15,423,067.03	$-824.64	
380	ia-380	I00260	574	11/24/2019	0.00005346770%	1.9248%	$-15,423,891.67	$-824.68	
380	ia-380	I00260	574	11/25/2019	0.00005340053%	1.9224%	$-16,395,156.38	$-875.51	$-2,473.92
380	ia-380	I00260	574	11/26/2019	0.00005340012%	1.9224%	$-17,314,006.40	$-924.57	$-875.51
380	ia-380	I00260	574	11/27/2019	0.00005340021%	1.9224%	$-19,755,539.02	$-1,054.95	$-924.57
380	ia-380	I00260	574	11/28/2019	0.00005340040%	1.9224%	$-19,756,593.97	$-1,055.01	
380	ia-380	I00260	574	11/29/2019	0.00005336126%	1.9210%	$15,511,439.80	$827.71	$-2,109.96
380	ia-380	I00260	574	11/30/2019	0.00005336099%	1.9210%	$15,512,267.51	$827.75	
						2.0094%	**$19,409,686.30**	**$34,682.99**	**$37,163.35**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Investor

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/17/2019 14:09:43
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * AEP Ohio Transmission C
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.0014561
Monthly Equity Rate* 0.0047878
Monthly CPI Rate* 0.00333498
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: AEP WV Transmission Co. In Month: 12/2019 Cancel

CWIP Balance $398,166,671.87 Re-Calc CWIP
Input Adj
Total $398,166,671.87 <none>

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$451,140,510.48	0.03909381
Preferred	$0.00	0
Common	$561,659,574.68	0.10350000

Compounding Rule

AFUDC	Monthly
CPI	Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$0.00	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.01741390	0.00144592
Equity	0.05739708	0.00472688
CPI	0.03909381	0.00325782

Calculate Accept

Allowance for Funds Used During Construction
CWIP Balances for the month of December 2019 Rates
Based Upon PP CWIP Balance for the month of November 2019

		Input the CWIP Balance from Final Acct Recon Query: CWIP BALANCE	Input the CWIP Balance from Pwr Plt AFUDC Rate Calculation Worksheet: CWIP Base for AFUDC	ADJ. CWIP BALANCE
AEP West Virginia Trans Co	383	398,166,671.87	398,166,671.87	0.00

INITIALS DATE
PREPARED 12/17/19
CHECKED 12/23/19
REVIEWED

Summary of Financing Rates for AFUDC Calculation
December 2019

	LTD Balance	Interest	Rate	Preferred Balance	Interest	Rate	Common Balance	Rate	Short Term Debt	Rate
AEP WV Transco - BU 383	451,140,510.48	1,469,733.33	0.03909381	-	-	#DIV/0!	561,659,574.68	**0.10350000**	(27,539,239.92)	0.02009400
Total Company	**451,140,510.48**	**1,469,733.33**	**0.03909381**	**-**	**-**	**#DIV/0!**	**561,659,574.68**	**0.10350000**	**(27,539,239.92)**	**0.02009400**

ROE to change from 10.49 to 10.35 was confirmed by Rod Giffin on 4/16/18
ROE of 10.49 confirmed by Rod Giffin 1/15/18

AEP West Virginia Trans Co
AFUDC Calculation

	Balance	Rate
Long Term Debt	**451,140,510.48**	**0.03909381**
Preferred	**0.00**	**0.00000000**
Common	**561,659,574.68**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

383

AEP West Virginia Trans Co

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2230000	Advances from Associated Co		435,600,000.00	0.00	435,600,000.00
2230500	Advances from Assoc Co-Current		20,400,000.00	0.00	20,400,000.00
2250103	Unamr Prem LTD-Notes Pay-Aff		196,049.46	(2,042.18)	194,007.28
2260103	Unam Disc LTD-Dr-Notes Pay-Aff		(1,557,306.78)	4,951.08	(1,552,355.70)
	Long Term Debt	BL	**454,638,742.68**	2,908.90	**454,641,651.58**
1810006	Unamort Debt Exp - Sr Unsec Nt		(3,518,654.97)	17,513.86	(3,501,141.11)
	Unamortized Debt Expense	BA	**(3,518,654.97)**	17,513.86	**(3,501,141.11)**
	Unamortized Loss Reacquired Debt	BA	**0.00**	0.00	**0.00**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00

	Adjusted Long Term Debt		**451,120,087.72**	20,422.76	**451,140,510.48**
4300001	Interest Exp - Assoc Non-CBP		(14,562,419.73)	(1,469,733.33)	(16,032,153.06)
	Interest on Long Term Debt	IS	(14,562,419.73)	**(1,469,733.33)**	(16,032,153.06)

Preferred Equity

Account	**Description**				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	**Description**				
2080000	Donations Recvd from Stckhldrs		437,800,000.00	0.00	437,800,000.00
2160001	Unapprp Retnd Erngs-Unrstrictd		76,028,493.02	0.00	76,028,493.02
	TOTAL PROPRIETARY CAPITAL		513,828,493.02	0.00	513,828,493.02
	NET INCOME (LOSS)	RE	**45,993,346.33**	1,837,735.33	**47,831,081.66**
	Common Shareholders' Equity	BL	**559,821,839.35**	1,837,735.33	**561,659,574.68**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**559,821,839.35**	1,837,735.33	**561,659,574.68**

Short Term Debt

Account	**Description**				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		(824,634.98)	(18,488.50)	(843,123.48)
4310007	Lines Of Credit		(165,488.23)	(18,963.67)	(184,451.90)
	Interest on Short Term Debt	IS	(990,123.21)	**(37,452.17)**	(1,027,575.38)

LTD Rate	451,140,510.48	1,469,733.33	0.03909381
Preferred Rate	0.00	0.00	0.00000000
Common	561,659,574.68		

STD Rate	0.00		
	0.00		
	0.00		
	0.00	37,452.17	0.00000000

IAA Interest Report

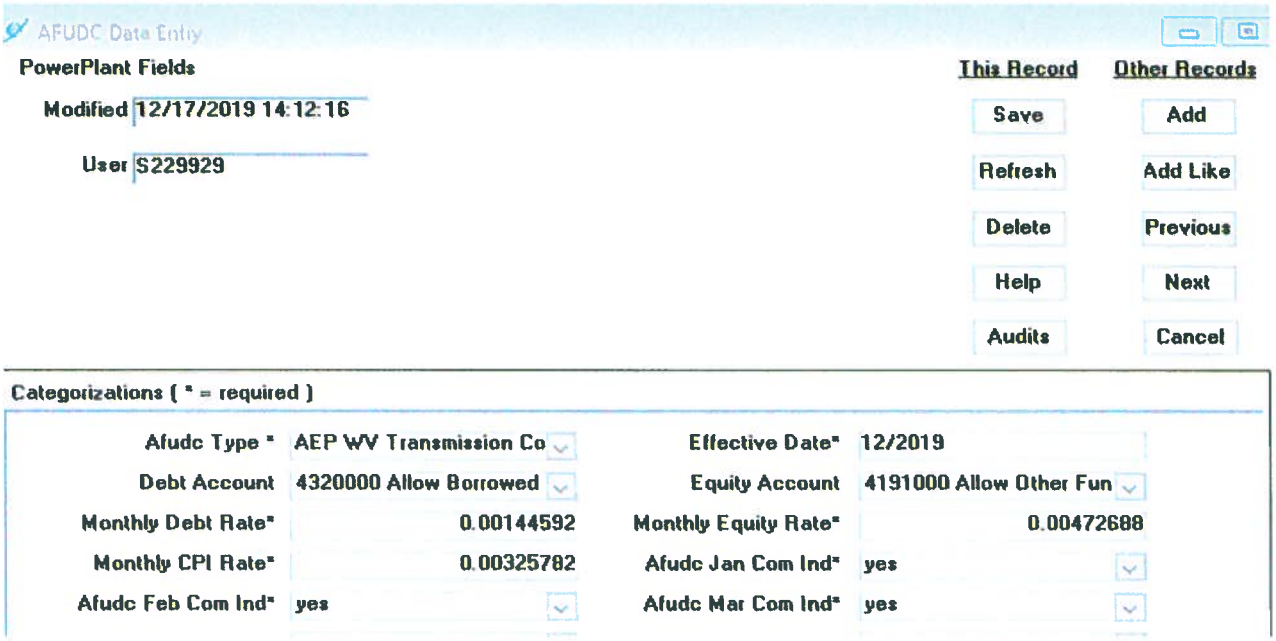
Calculated Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

Posted Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
383	ia-383	I00260	569	11/1/2019	0.00006022712%	2.1682%	$47,734,307.34	$2,874.90	$2,895.25
383	ia-383	I00260	569	11/2/2019	0.00006022727%	2.1682%	$47,737,182.24	$2,875.08	
383	ia-383	I00260	569	11/3/2019	0.00006022720%	2.1682%	$47,740,057.32	$2,875.25	
383	ia-383	I00260	569	11/4/2019	0.00005988995%	2.1560%	$42,655,574.29	$2,554.64	$8,625.23
383	ia-383	I00260	569	11/5/2019	0.00005961391%	2.1461%	$42,577,979.42	$2,538.24	$2,554.64
383	ia-383	I00260	569	11/6/2019	0.00005929573%	2.1346%	$43,026,202.84	$2,551.27	$2,538.24
383	ia-383	I00260	569	11/7/2019	0.00005855180%	2.1079%	$42,563,162.84	$2,492.15	$2,551.27
383	ia-383	I00260	569	11/8/2019	0.00005716170%	2.0578%	$41,975,310.67	$2,399.38	$2,492.15
383	ia-383	I00260	569	11/9/2019	0.00005716177%	2.0578%	$41,977,710.05	$2,399.52	
383	ia-383	I00260	569	11/10/2019	0.00005716183%	2.0578%	$41,980,109.57	$2,399.66	
383	ia-383	I00260	569	11/11/2019	0.00005716166%	2.0578%	$41,982,509.23	$2,399.79	
383	ia-383	I00260	569	11/12/2019	0.00005680754%	2.0451%	$39,165,749.15	$2,224.91	$9,598.35
383	ia-383	I00260	569	11/13/2019	0.00005578244%	2.0082%	$39,134,179.97	$2,183.00	$2,224.91
383	ia-383	I00260	569	11/14/2019	0.00005547219%	1.9970%	$16,934,791.24	$939.41	$2,183.00
383	ia-383	I00260	569	11/15/2019	0.00005460082%	1.9656%	$15,836,390.90	$864.68	$939.41
383	ia-383	I00260	569	11/16/2019	0.00005460100%	1.9656%	$15,837,255.58	$864.73	
383	ia-383	I00260	569	11/17/2019	0.00005460118%	1.9656%	$15,838,120.31	$864.78	
383	ia-383	I00260	569	11/18/2019	0.00005410768%	1.9479%	$15,500,756.77	$838.71	$2,594.19
383	ia-383	I00260	569	11/19/2019	0.00005392257%	1.9412%	$15,420,258.57	$831.50	$838.71
383	ia-383	I00260	569	11/20/2019	0.00005385069%	1.9386%	$15,385,875.47	$828.54	$831.50
383	ia-383	I00260	569	11/21/2019	0.00005337801%	1.9216%	$15,008,615.18	$801.13	$828.54
383	ia-383	I00260	569	11/22/2019	0.00005346782%	1.9248%	$14,795,628.14	$791.09	$801.13
383	ia-383	I00260	569	11/23/2019	0.00005346767%	1.9248%	$14,796,419.23	$791.13	
383	ia-383	I00260	569	11/24/2019	0.00005346819%	1.9248%	$14,797,210.36	$791.18	
383	ia-383	I00260	569	11/25/2019	0.00005340044%	1.9224%	$14,270,480.70	$762.05	$2,373.40
383	ia-383	I00260	569	11/26/2019	0.00005339996%	1.9224%	$13,934,467.72	$744.10	$762.05
383	ia-383	I00260	569	11/27/2019	0.00005340048%	1.9224%	$13,406,808.53	$715.93	$744.10
383	ia-383	I00260	569	11/28/2019	0.00005340061%	1.9224%	$13,407,524.46	$715.97	
383	ia-383	I00260	569	11/29/2019	0.00005336118%	1.9210%	$20,377,736.01	$1,087.38	$1,431.90
383	ia-383	I00260	569	11/30/2019	0.00005336128%	1.9210%	$20,378,823.39	$1,087.44	
						2.0094%	**$27,539,239.92**	**$47,087.54**	**$47,807.97**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Investor

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.



H:\INTERNAL\AR&A\AFUDC\CWIP FOR AFUDC\2019\12_2019\East_Annually\AFUDC Worksheet All Other Bu's WorkBook 12 2019 - EAST AFUDC Data screen

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: APCo WV Distr AFUDC Month: 12/2019 Cancel

		CWIP Balance	$646,909,354.49
		Input Adj	$0.00
		Total	$646,909,354.49

Re-Calc CWIP

Appalachian Power Co

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$3,701,006,660.74	0.04838294
Preferred	$0.00	0
Common	$4,014,486,775.32	0.09750000

Compounding Rule

AFUDC	Monthly
CPI	Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$145,178,418.93	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02250960	0.00186706
Equity	0.03934580	0.00325226
CPI	0.04731514	0.00394293

Calculate

Accept

Allowance for Funds Used During Construction
CWIP Balances for the month of December 2019 Rates
Based Upon PP CWIP Balance for the month of November 2019

Input the CWIP Balance from Final Acct Recon Query

Input the CWIP Balance from Pwr Plt AFUDC Rate Calculation Worksheet

		CWIP BALANCE		CWIP Base for AFUDC	ADJ. CWIP BALANCE
APCO DISTR	140	200,071,072.12			
APCO GEN	215	93,321,756.47			
APCO TRANS	150	353,516,525.90			
TOTAL		646,909,354.49		646,909,354.49	0.00

Appalachian Power Company
AFUDC ROE Rate Calculation
For Distribution Property
Beginning March 2019 & Going Forward

	ROE
APCO WVA Distribution	9.75%
APCO Generation	

Appalachian Power Company
AFUDC ROE Rate Calculation
For Transmission Property
Beginning March 2019 & Going Forward

	Percent	Jurisdictional Factor being confirmed 4/1/19	Weighted ROE	
West Virginia ROE	9.75%	41.4603%	4.04%	4.04%
FERC OATT ROE	10.35%	58.5397%	6.06%	6.06%
				10.10%
Total Blended ROE			10.10%	

**ROE changed from 10.49% to 10.35% in April 2017

Appalachian Power Company
AFUDC ROE Rate Calculation
For Generation Property
Beginning March 2019 & Going Forward

	ALLOCATION FACTOR
DEBT	0.50735200
EQUITY	0.50735200
CPI	

Virginia does not permit accrual of AFUDC because CWIP is included in the rate base without any AFUDC offset to operating income. Use WV for GEN.

	INITIALS	DATE
PREPARED	HW	12/18/19
CHECKED	HW	12/23/19
REVIEWED		

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: APCo Transm AFUDC Month: 12/2019 Cancel

CWIP Balance $646,909,354.49 Re-Calc CWIP
Input Adj
Total $646,909,354.49 Appalachian Power Co

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$3,701,006,660.74	0.04838294
Preferred	$0.00	0
Common	$4,014,486,775.32	0.10100000

Compounding Rule

AFUDC	Monthly
CPI	Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$145,178,418.93	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02250960	0.00186706
Equity	0.04075821	0.00336803
CPI	0.04731514	0.00394293

Calculate Accept

Appalachian Power Company
AFUDC ROE Rate Calculation
For Transmission Property
Beginning March 2019 & Going Forward

	Percent	Jurisdictional Factor being confirmed 4/1/19	Weighted ROE	
West Virginia ROE	9.75%	41.4603%	4.04%	4.04%
FERC OATT ROE	10.35%	58.5397%	6.06%	6.06%
				10.10%
Total Blended ROE			10.10%	

**ROE changed from 10.49% to 10.35% in April 2017

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: APCo Whsle AFUDC Month: 12/2019 Cancel

CWIP Balance $646,909,354.49 Re-Calc CWIP

Input Adj

Total $646,909,354.49 Appalachian Power Co

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$3,701,006,660.74	0.04838294
Preferred	$0.00	0
Common	$4,014,486,775.32	0.09750000

Compounding Rule

AFUDC Monthly

CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$145,178,418.93	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02250960	0.00186706
Equity	0.03934580	0.00325226
CPI	0.04731514	0.00394293

Calculate

Accept

	CALCULATED	ALLOCATION FACTOR	DEBT	EQUITY
DEBT	0.00186706	0.50735200	0.00094726	
EQUITY	0.00325226	0.50735200		0.00165004
CPI	0.00394293		0.00000000	
Total			0.00094726	0.00165004

Revised 2019 ALLOCATION FACTORS per Wayne Allen dated April 1,2019.0 Allocation factors revised for APCo based upon the WVa final order dated. Accounting Implications of the 2/27/19 PSC of West Virginia Final Oder in APCO and WPCO Case Nos. 18-0646-E-42T

Effective May 2007 AFUDC Rate Calculation

APCO GENERATION TO BE RE-REGULATED FOR AFUDC RATE CALCULATION. Generation will continue the functional allocation of the calculated Debt & Equity but willdiscontinue the functional allocation of CPI for Debt.

New APCo Generation AFUDC Jurisdictional Rates for Capital Software Projects begin March 2016

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: APCo-D WV Juris AFUDC Month: 12/2019 Cancel

CWIP Balance $646,909,354.49 Re-Calc CWIP
Input Adj
Total $646,909,354.49 Appalachian Power Co

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$3,701,006,660.74	0.04838294
Preferred	$0.00	0
Common	$4,014,486,775.32	0.09750000

Compounding Rule

AFUDC Monthly
CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$145,178,418.93	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02250960	0.00186706
Equity	0.03934580	0.00325226
CPI	0.04731514	0.00394293

Calculate

Accept

Per Jeffery Brubaker 3/17/2016 use General Plant allocation for Distribution & Generation Capital Software Projects.

	CALCULATED	Allocation Factors General Plant- Non-VA	DEBT	EQUITY
DEBT	0.00186706	0.48044300	0.00089702	
EQUITY	0.00325226	0.48044300		0.00156253
CPI	0.00394293		0.00000000	
Total			0.00089702	0.00156253

Revised 2019 ALLOCATION FACTORS per Wayne Allen dated April 1,2019.0 Allocation factors revised for APCo based upon the WVa final order dated. Accounting Implications of the 2/27/19 PSC of West Virginia Final Oder in APCO and WPCO Case Nos. 18-0646-E-42T

New APCo Generation AFUDC Jurisdictional Rates for Capital Software Projects begin March 2016

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: APCo-G WV Juris AFUDC Month: 12/2019 Cancel

CWIP Balance $646,909,354.49 Re-Calc CWIP
Input Adj
Total $646,909,354.49 Appalachian Power Co

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$3,701,006,660.74	0.04838294
Preferred	$0.00	0
Common	$4,014,486,775.32	0.09750000

Compounding Rule

AFUDC	Monthly
CPI	Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$145,178,418.93	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02250960	0.00186706
Equity	0.03934580	0.00325226
CPI	0.04731514	0.00394293

Calculate

Accept

Per Jeffery Brubaker 3/17/2016 use General Plant allocation for Distribution & Generation Capital Software Projects.

	CALCULATED	Allocation Factors General Plant- Non-VA	DEBT	EQUITY
DEBT	0.00186706	0.48044300	0.00089702	
EQUITY	0.00325226	0.48044300		0.00156253
CPI	0.00394293		0.00000000	
Total			0.00089702	0.00156253

Revised 2019 ALLOCATION FACTORS per Wayne Allen dated April 1,2019.0 Allocation factors revised for APCo based upon the WVa final order dated. Accounting Implications of the 2/27/19 PSC of West Virginia Final Oder in APCO and WPCO Case Nos. 18-0646-E-42T

Effective May 2007 AFUDC Rate Calculation

APCO GENERATION TO BE RE-REGULATED FOR AFUDC RATE CALCULATION. Generation will continue the functional allocation of the calculated Debt & Equity but willdiscontinue the functional allocation of CPI for Debt.

Summary of Financing Rates for AFUDC Calculation
December 2019

	LTD Balance	Interest	Rate	Preferred Balance	Interest	Rate	Common Balance	Rate	Short Term Debt	Rate
Appalachian - Distr - BU 140	1,020,782,256.02	4,513,104.98	0.05305466	-	-	#DIV/0!	1,024,617,533.02	**0.09750000**	336,782,057.59	0.02009400
Appalachian - Transm - BU 150	1,024,167,749.12	4,473,941.32	0.05242041	-	-	#DIV/0!	994,294,981.24	**0.10100000**	255,858,017.93	0.02009400
Appalachian - Gen. - BU 215	1,656,056,655.60	5,935,086.07	0.04300640	-	-	#DIV/0!	1,995,574,261.05	**0.09750000**	(447,461,656.59)	0.02009400
Total Company	**3,701,006,660.74**	**14,922,132.37**	**0.04838294**	**-**	**-**	**#DIV/0!**	**4,014,486,775.32**		**145,178,418.93**	**0.02009400**

ROE confirmed by Chris Duffy on 1/12/18
ROE Blended Per Revised Accounting Implications June 2015.
Use new ROE of 9.75% beginning June 2015. for West Virginia.

Appalachian Power Company AFUDC ROE Rate Calculation For Transmission Property Beginning March 2019 & Going Forward			
	Percent	Jurisdictional Factor	Weighted ROE
West Virginia ROE	**9.75%**	**41.4603%**	**4.04%**
FERC OATT ROE	**10.35%**	**58.5397%**	**6.06%**
		100.0000%	
Total Blended ROE			**10.10%**

**ROE changed from 10.49% to 10.35% in April 2017

Appalachian Power Co - Dist
AFUDC Calculation

	Balance	Rate
Long Term Debt	1,020,782,256.02	0.05305466
Preferred	0.00	0.00000000
Common	1,024,617,533.02	0.00000000

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	0.00	0.00000000

140

Appalachian Power Co - Dist

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2240005	Other Long Term Debt - Other		2,076,099.76	(5,752.73)	2,070,347.03
2240006	Senior Unsecured Notes		1,013,858,250.00	0.00	1,013,858,250.00
2240505	Oth LTD - Other - Current		41,277,912.76	734.00	41,278,646.76
2260006	Unam Disc LTD-Dr-Sr Unsec Note		(3,346,594.67)	20,254.00	(3,326,340.67)
	Long Term Debt	BL	**1,053,865,667.85**	15,235.27	**1,053,880,903.12**
1810003	Unamort Debt Exp Notes Payable		(30,105.38)	5,018.00	(25,087.38)
1810006	Unamort Debt Exp - Sr Unsec Nt		(5,852,961.80)	39,135.00	(5,813,826.80)
	Unamortized Debt Expense	BA	**(5,883,067.18)**	44,153.00	**(5,838,914.18)**
1890001	Loss Recqd Debt - FMB		(640,570.00)	6,899.00	(633,671.00)
1890006	Loss Rec Debt-Sen Unsec Notes		(26,714,282.92)	88,221.00	(26,626,061.92)
	Unamortized Loss Reacquired Debt	BA	**(27,354,852.92)**	95,120.00	**(27,259,732.92)**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**

	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**1,020,627,747.75**	154,508.27	**1,020,782,256.02**
4270005	Int on LTD - Other LTD		(1,451,776.43)	(151,083.13)	(1,602,859.56)
4270006	Int on LTD - Sen Unsec Notes		(47,282,424.11)	(4,362,021.85)	(51,644,445.96)
	Interest on Long Term Debt	IS	(48,734,200.54)	**(4,513,104.98)**	(53,247,305.52)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2010001	Common Stock Issued-Affiliated		121,085,671.97	0.00	121,085,671.97
2080000	Donations Recvd from Stckhldrs		724,328,929.58	0.00	724,328,929.58
2110000	Miscellaneous Paid-In Capital		1,228,274.37	0.00	1,228,274.37
2160001	Unapprp Retnd Erngs-Unrstrictd		240,426,682.98	0.00	240,426,682.98
2190007	OCI-Min Pen Liab FAS 158-OPEB		0.00	0.00	0.00
2190015	Accum OCI-Hdg-CF-Int Rate		0.00	0.00	0.00
2190016	Accum OCI-Hdg-CF-For Exchg		0.00	0.00	0.00
	TOTAL PROPRIETARY CAPITAL		1,087,069,558.90	0.00	1,087,069,558.90
	NET INCOME (LOSS)	RE	**(49,628,211.93)**	(12,823,813.95)	**(62,452,025.88)**
	Common Shareholders' Equity	BL	**1,037,441,346.98**	(12,823,813.95)	**1,024,617,533.02**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**1,037,441,346.98**	(12,823,813.95)	**1,024,617,533.02**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		(2,154,768.84)	(427,655.53)	(2,582,424.37)
4310007	Lines Of Credit		(575,998.48)	(26,802.79)	(602,801.27)
	Interest on Short Term Debt	IS	(2,730,767.32)	**(454,458.32)**	(3,185,225.64)

LTD Rate	1,020,782,256.02	4,513,104.98	0.05305466
Preferred Rate	0.00	0.00	0.00000000
Common	1,024,617,533.02		
STD Rate	0.00		
	0.00		
	0.00		
	0.00	454,458.32	0.00000000

IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 To: 11/30/2019

Posted Interest Date Range
From: 11/1/2019 To: 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
140	IA-140	I00260	395	11/1/2019	0.00006022723%	2.1682%	$-268,872,244.09	$-16,193.43	$-16,500.95
140	IA-140	I00260	395	11/2/2019	0.00006022721%	2.1682%	$-268,888,437.52	$-16,194.40	
140	IA-140	I00260	395	11/3/2019	0.00006022723%	2.1682%	$-268,904,631.92	$-16,195.38	
140	IA-140	I00260	395	11/4/2019	0.00005989004%	2.1560%	$-414,719,694.52	$-24,837.58	$-48,583.21
140	IA-140	I00260	395	11/5/2019	0.00005961392%	2.1461%	$-413,677,381.13	$-24,660.93	$-24,837.58
140	IA-140	I00260	395	11/6/2019	0.00005929578%	2.1346%	$-374,823,114.93	$-22,225.43	$-24,660.93
140	IA-140	I00260	395	11/7/2019	0.00005855178%	2.1079%	$-371,361,732.22	$-21,743.89	$-22,225.43
140	IA-140	I00260	395	11/8/2019	0.00005716173%	2.0578%	$-370,809,835.10	$-21,196.13	$-21,743.89
140	IA-140	I00260	395	11/9/2019	0.00005716172%	2.0578%	$-370,831,031.23	$-21,197.34	
140	IA-140	I00260	395	11/10/2019	0.00005716174%	2.0578%	$-370,852,228.57	$-21,198.56	
140	IA-140	I00260	395	11/11/2019	0.00005716174%	2.0578%	$-370,873,427.13	$-21,199.77	
140	IA-140	I00260	395	11/12/2019	0.00005680762%	2.0451%	$-368,377,500.08	$-20,926.65	$-84,791.80
140	IA-140	I00260	395	11/13/2019	0.00005578249%	2.0082%	$-354,270,483.18	$-19,762.09	$-20,926.65
140	IA-140	I00260	395	11/14/2019	0.00005547247%	1.9970%	$-347,066,955.67	$-19,252.66	$-19,762.09
140	IA-140	I00260	395	11/15/2019	0.00005460106%	1.9656%	$-355,778,048.24	$-19,425.86	$-19,252.66
140	IA-140	I00260	395	11/16/2019	0.00005460106%	1.9656%	$-355,797,474.10	$-19,426.92	
140	IA-140	I00260	395	11/17/2019	0.00005460106%	1.9656%	$-355,816,901.02	$-19,427.98	
140	IA-140	I00260	395	11/18/2019	0.00005410770%	1.9479%	$-346,848,607.58	$-18,767.18	$-58,280.76
140	IA-140	I00260	395	11/19/2019	0.00005392254%	1.9412%	$-335,790,770.93	$-18,106.69	$-18,767.18
140	IA-140	I00260	395	11/20/2019	0.00005385050%	1.9386%	$-328,194,167.39	$-17,673.42	$-18,106.69
140	IA-140	I00260	395	11/21/2019	0.00005337769%	1.9216%	$-318,430,067.19	$-16,997.06	$-17,673.42
140	IA-140	I00260	395	11/22/2019	0.00005346791%	1.9248%	$-320,355,341.66	$-17,128.73	$-16,997.06
140	IA-140	I00260	395	11/23/2019	0.00005346792%	1.9248%	$-320,372,470.39	$-17,129.65	
140	IA-140	I00260	395	11/24/2019	0.00005346793%	1.9248%	$-320,389,600.04	$-17,130.57	
140	IA-140	I00260	395	11/25/2019	0.00005340029%	1.9224%	$-316,133,695.08	$-16,881.63	$-51,388.95
140	IA-140	I00260	395	11/26/2019	0.00005340029%	1.9224%	$-317,553,538.02	$-16,957.45	$-16,881.63
140	IA-140	I00260	395	11/27/2019	0.00005340029%	1.9224%	$-294,212,610.93	$-15,711.04	$-16,957.45
140	IA-140	I00260	395	11/28/2019	0.00005340030%	1.9224%	$-294,228,321.97	$-15,711.88	
140	IA-140	I00260	395	11/29/2019	0.00005336114%	1.9210%	$-294,607,847.63	$-15,720.61	$-31,422.92
140	IA-140	I00260	395	11/30/2019	0.00005336114%	1.9210%	$-294,623,568.24	$-15,721.45	
						2.0094%	**$-336,782,057.59**	**$-564,702.36**	**$-549,761.25**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.

Appalachian Power Co - Trans
AFUDC Calculation

	Balance	Rate
Long Term Debt	**1,024,167,749.12**	**0.05242041**
Preferred	**0.00**	**0.00000000**
Common	**994,294,981.24**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

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Appalachian Power Co - Trans

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2240006	Senior Unsecured Notes		1,010,475,750.00	0.00	1,010,475,750.00
2240505	Oth LTD - Other - Current		41,076,250.00	0.00	41,076,250.00
2260006	Unam Disc LTD-Dr-Sr Unsec Note		(3,335,465.12)	20,180.00	(3,315,285.12)
	Long Term Debt	BL	**1,048,216,534.88**	20,180.00	**1,048,236,714.88**
1810003	Unamort Debt Exp Notes Payable		(30,006.49)	5,001.00	(25,005.49)
1810006	Unamort Debt Exp - Sr Unsec Nt		(5,833,436.40)	39,003.00	(5,794,433.40)
	Unamortized Debt Expense	BA	**(5,863,442.89)**	44,004.00	**(5,819,438.89)**
1890001	Loss Recqd Debt - FMB		(329,244.00)	3,545.00	(325,699.00)
1890006	Loss Rec Debt-Sen Unsec Notes		(17,982,583.87)	58,756.00	(17,923,827.87)
	Unamortized Loss Reacquired Debt	BA	**(18,311,827.87)**	62,301.00	**(18,249,526.87)**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00

	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**1,024,041,264.12**	126,485.00	**1,024,167,749.12**
4270005	Int on LTD - Other LTD		(1,163,879.00)	(126,469.00)	(1,290,348.00)
4270006	Int on LTD - Sen Unsec Notes		(46,503,200.49)	(4,347,472.32)	(50,850,672.81)
4300001	Interest Exp - Assoc Non-CBP		(33,942.64)	0.00	(33,942.64)
	Interest on Long Term Debt	IS	(47,701,022.13)	**(4,473,941.32)**	(52,174,963.45)

Preferred Equity

Account	**Description**				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	**Description**				
2010001	Common Stock Issued-Affiliated		61,999,348.12	0.00	61,999,348.12
2080000	Donations Recvd from Stckhldrs		373,270,063.69	0.00	373,270,063.69
2100000	Gain Rsle/Cancl Req Cap Stock		432.59	0.00	432.59
2110000	Miscellaneous Paid-In Capital		628,904.83	0.00	628,904.83
2160001	Unapprp Retnd Ernngs-Unrstrictd		537,721,752.78	0.00	537,721,752.78
2190007	OCI-Min Pen Liab FAS 158-OPEB		0.00	0.00	0.00
2190015	Accum OCI-Hdg-CF-Int Rate		0.00	0.00	0.00
4380001	Div Declrd - Common Stk - Asso		(20,658,342.83)	0.00	(20,658,342.83)
	TOTAL PROPRIETARY CAPITAL		952,962,159.18	0.00	952,962,159.18
	NET INCOME (LOSS)	RE	**39,492,286.59**	1,840,535.47	**41,332,822.06**
	Common Shareholders' Equity	BL	**992,454,445.77**	1,840,535.47	**994,294,981.24**
	Unapprp Undistrbutd Sub Ernngs	RE	0.00	0.00	0.00
	Equity Ernngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**992,454,445.77**	1,840,535.47	**994,294,981.24**

Short Term Debt

Account	**Description**				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		(3,829,046.28)	(573,113.75)	(4,402,160.03)
4310007	Lines Of Credit		(90,668.38)	(22,291.18)	(112,959.56)

Interest on Short Term Debt	IS	(3,919,714.66)	**(595,404.93)**	(4,515,119.59)

LTD Rate	1,024,167,749.12	4,473,941.32	0.05242041
Preferred Rate	0.00	0.00	0.00000000
Common	994,294,981.24		
STD Rate	0.00		
	0.00		
	0.00		
	0.00	595,404.93	0.00000000

IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 To: 11/30/2019

Posted Interest Date Range
From: 11/1/2019 To: 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
150	IA-150	I00260	404	11/1/2019	0.00006022721%	2.1682%	$-215,097,452.04	$-12,954.72	$-12,895.63
150	IA-150	I00260	404	11/2/2019	0.00006022721%	2.1682%	$-215,110,406.76	$-12,955.50	
150	IA-150	I00260	404	11/3/2019	0.00006022721%	2.1682%	$-215,123,362.26	$-12,956.28	
150	IA-150	I00260	404	11/4/2019	0.00005989003%	2.1560%	$-203,870,986.19	$-12,209.84	$-38,866.50
150	IA-150	I00260	404	11/5/2019	0.00005961394%	2.1461%	$-204,930,101.43	$-12,216.69	$-12,209.84
150	IA-150	I00260	404	11/6/2019	0.00005929577%	2.1346%	$-250,002,665.30	$-14,824.10	$-12,216.69
150	IA-150	I00260	404	11/7/2019	0.00005855178%	2.1079%	$-251,625,129.09	$-14,733.10	$-14,824.10
150	IA-150	I00260	404	11/8/2019	0.00005716174%	2.0578%	$-254,900,052.09	$-14,570.53	$-14,733.10
150	IA-150	I00260	404	11/9/2019	0.00005716173%	2.0578%	$-254,914,622.62	$-14,571.36	
150	IA-150	I00260	404	11/10/2019	0.00005716172%	2.0578%	$-254,929,193.98	$-14,572.19	
150	IA-150	I00260	404	11/11/2019	0.00005716174%	2.0578%	$-254,943,766.17	$-14,573.03	
150	IA-150	I00260	404	11/12/2019	0.00005680763%	2.0451%	$-256,945,963.94	$-14,596.49	$-58,287.11
150	IA-150	I00260	404	11/13/2019	0.00005578251%	2.0082%	$-258,331,711.57	$-14,410.39	$-14,596.49
150	IA-150	I00260	404	11/14/2019	0.00005547247%	1.9970%	$-258,908,236.60	$-14,362.28	$-14,410.39
150	IA-150	I00260	404	11/15/2019	0.00005460106%	1.9656%	$-261,685,213.60	$-14,288.29	$-14,362.28
150	IA-150	I00260	404	11/16/2019	0.00005460106%	1.9656%	$-261,699,501.89	$-14,289.07	
150	IA-150	I00260	404	11/17/2019	0.00005460106%	1.9656%	$-261,713,790.96	$-14,289.85	
150	IA-150	I00260	404	11/18/2019	0.00005410769%	1.9479%	$-262,424,422.15	$-14,199.18	$-42,867.21
150	IA-150	I00260	404	11/19/2019	0.00005392256%	1.9412%	$-263,719,504.17	$-14,220.43	$-14,199.18
150	IA-150	I00260	404	11/20/2019	0.00005385049%	1.9386%	$-264,921,059.98	$-14,266.13	$-14,220.43
150	IA-150	I00260	404	11/21/2019	0.00005337766%	1.9216%	$-276,174,692.77	$-14,741.56	$-14,266.13
150	IA-150	I00260	404	11/22/2019	0.00005346794%	1.9248%	$-278,022,512.28	$-14,865.29	$-14,741.56
150	IA-150	I00260	404	11/23/2019	0.00005346792%	1.9248%	$-278,037,377.57	$-14,866.08	
150	IA-150	I00260	404	11/24/2019	0.00005346794%	1.9248%	$-278,052,243.65	$-14,866.88	
150	IA-150	I00260	404	11/25/2019	0.00005340031%	1.9224%	$-279,022,563.20	$-14,899.89	$-44,598.25
150	IA-150	I00260	404	11/26/2019	0.00005340030%	1.9224%	$-280,607,033.46	$-14,984.50	$-14,899.89
150	IA-150	I00260	404	11/27/2019	0.00005340029%	1.9224%	$-283,955,003.43	$-15,163.28	$-14,984.50
150	IA-150	I00260	404	11/28/2019	0.00005340029%	1.9224%	$-283,970,166.71	$-15,164.09	
150	IA-150	I00260	404	11/29/2019	0.00005336117%	1.9210%	$-256,044,069.61	$-13,662.81	$-30,327.37
150	IA-150	I00260	404	11/30/2019	0.00005336117%	1.9210%	$-256,057,732.42	$-13,663.54	
						2.0094%	**$-255,858,017.93**	**$-426,937.37**	**$-412,506.65**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.

Appalachian Power Co - Gen
AFUDC Calculation

	Balance	Rate
Long Term Debt	**1,656,056,655.60**	**0.04300640**
Preferred	**0.00**	**0.00000000**
Common	**1,995,574,261.05**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

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Appalachian Power Co - Gen

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2240002	Installment Purchase Contracts		337,225,000.00	0.00	337,225,000.00
2240006	Senior Unsecured Notes		1,050,666,000.00	0.00	1,050,666,000.00
2240502	Instl Purchase Contracts-Curr		281,275,000.00	0.00	281,275,000.00
2240505	Oth LTD - Other - Current		42,710,000.00	0.00	42,710,000.00
2260006	Unam Disc LTD-Dr-Sr Unsec Note		(3,468,120.33)	20,983.00	(3,447,137.33)
	Long Term Debt	BL	**1,708,407,879.67**	20,983.00	**1,708,428,862.67**
1810002	Unamort Debt Exp - Inst Pur Cn		(2,602,909.04)	64,757.00	(2,538,152.04)
1810003	Unamort Debt Exp Notes Payable		(31,199.41)	5,200.00	(25,999.41)
1810006	Unamort Debt Exp - Sr Unsec Nt		(6,065,463.97)	40,553.00	(6,024,910.97)
	Unamortized Debt Expense	BA	**(8,699,572.42)**	110,510.00	**(8,589,062.42)**
1890001	Loss Recqd Debt - FMB		(204,724.00)	1,775.00	(202,949.00)
1890002	Loss Rec Debt-Ins Purch Cont		(2,781,807.38)	38,931.00	(2,742,876.38)

1890006	Loss Rec Debt-Sen Unsec Notes		(40,967,270.27)	129,951.00	(40,837,319.27)
	Unamortized Loss Reacquired Debt	BA	**(43,953,801.65)**	170,657.00	**(43,783,144.65)**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**1,655,754,505.60**	302,150.00	**1,656,056,655.60**
4270002	Int on LTD - Install Pur Contr		(13,320,168.11)	(1,283,200.30)	(14,603,368.41)
4270005	Int on LTD - Other LTD		(1,288,198.00)	(131,499.00)	(1,419,697.00)
4270006	Int on LTD - Sen Unsec Notes		(51,743,158.06)	(4,520,386.77)	(56,263,544.83)
4270202	Int on LTD - Inst Pur C Contra		498,095.50	0.00	498,095.50
	Interest on Long Term Debt	IS	(65,853,428.67)	**(5,935,086.07)**	(71,788,514.74)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2010001	Common Stock Issued-Affiliated		77,372,747.91	0.00	77,372,747.91
2080000	Donations Recvd from Stckhldrs		728,385,509.39	0.00	728,385,509.39
2110000	Miscellaneous Paid-In Capital		784,835.80	0.00	784,835.80
2151000	Appr Retnd Erngs-Amrt Rsv,Fed		16,829,603.00	724,746.00	17,554,349.00
2160001	Unapprp Retnd Erngs-Unrstrictd		922,588,525.28	(724,746.00)	921,863,779.28
2161001	Unap Undist Consol Sub Erng		(3,524,448.72)	0.00	(3,524,448.72)
2190002	OCI - FAS 158 - Affil		0.00	0.00	0.00
2190007	OCI-Min Pen Liab FAS 158-OPEB		0.00	0.00	0.00
2190015	Accum OCI-Hdg-CF-Int Rate		0.00	0.00	0.00
2190016	Accum OCI-Hdg-CF-For Exchg		0.00	0.00	0.00
4380001	Div Declrd - Common Stk - Asso		(139,341,657.17)	0.00	(139,341,657.17)
	TOTAL PROPRIETARY CAPITAL		1,603,095,115.49	0.00	1,603,095,115.49
	NET INCOME (LOSS)	RE	**336,480,971.05**	52,534,961.88	**389,015,932.93**
	Common Shareholders' Equity	BL	**1,939,576,086.54**	52,534,961.88	**1,992,111,048.42**
	Unapprp Undistrbutd Sub Erngs	RE	3,524,448.72	0.00	3,524,448.72
	Equity Erngs of Subsidiary Co	RE	(61,236.09)	0.00	(61,236.09)
	Adjusted Common Shareholders' Equity		**1,943,039,299.17**	52,534,961.88	**1,995,574,261.05**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		2,462,750.93	502,522.07	2,965,273.00
4310007	Lines Of Credit		(186,664.60)	(40,085.17)	(226,749.77)
	Interest on Short Term Debt	IS	2,276,086.33	**462,436.90**	2,738,523.23

LTD Rate	1,656,056,655.60	5,935,086.07	0.04300640
Preferred Rate	0.00	0.00	0.00000000
Common	1,995,574,261.05		
STD Rate	0.00		
	0.00		
	0.00		
	0.00	-462,436.90	0.00000000

IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

Posted Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
215	IA-215	I00260	454	11/1/2019	0.00006022722%	2.1682%	$380,705,412.79	$22,928.83	$23,224.56
215	IA-215	I00260	454	11/2/2019	0.00006022722%	2.1682%	$380,728,341.62	$22,930.21	
215	IA-215	I00260	454	11/3/2019	0.00006022722%	2.1682%	$380,751,271.83	$22,931.59	
215	IA-215	I00260	454	11/4/2019	0.00005989005%	2.1560%	$481,162,762.04	$28,816.86	$68,790.63
215	IA-215	I00260	454	11/5/2019	0.00005961394%	2.1461%	$477,777,886.45	$28,482.22	$28,816.86
215	IA-215	I00260	454	11/6/2019	0.00005929576%	2.1346%	$502,707,263.84	$29,808.41	$28,482.22
215	IA-215	I00260	454	11/7/2019	0.00005855179%	2.1079%	$500,365,056.64	$29,297.27	$29,808.41
215	IA-215	I00260	454	11/8/2019	0.00005716173%	2.0578%	$495,818,301.44	$28,341.83	$29,297.27
215	IA-215	I00260	454	11/9/2019	0.00005716173%	2.0578%	$495,846,643.27	$28,343.45	
215	IA-215	I00260	454	11/10/2019	0.00005716173%	2.0578%	$495,874,986.72	$28,345.07	
215	IA-215	I00260	454	11/11/2019	0.00005716173%	2.0578%	$495,903,331.79	$28,346.69	
215	IA-215	I00260	454	11/12/2019	0.00005680761%	2.0451%	$493,309,942.47	$28,023.76	$113,377.04
215	IA-215	I00260	454	11/13/2019	0.00005578249%	2.0082%	$493,198,274.27	$27,511.83	$28,023.76
215	IA-215	I00260	454	11/14/2019	0.00005547247%	1.9970%	$490,342,700.00	$27,200.52	$27,511.83
215	IA-215	I00260	454	11/15/2019	0.00005460105%	1.9656%	$488,942,760.90	$26,696.79	$27,200.52
215	IA-215	I00260	454	11/16/2019	0.00005460106%	1.9656%	$488,969,457.69	$26,698.25	
215	IA-215	I00260	454	11/17/2019	0.00005460106%	1.9656%	$488,996,155.94	$26,699.71	
215	IA-215	I00260	454	11/18/2019	0.00005410768%	1.9479%	$459,985,863.10	$24,888.77	$80,094.75
215	IA-215	I00260	454	11/19/2019	0.00005392254%	1.9412%	$455,386,922.12	$24,555.62	$24,888.77
215	IA-215	I00260	454	11/20/2019	0.00005385051%	1.9386%	$443,948,664.87	$23,906.86	$24,555.62
215	IA-215	I00260	454	11/21/2019	0.00005337768%	1.9216%	$432,807,155.98	$23,102.24	$23,906.86
215	IA-215	I00260	454	11/22/2019	0.00005346792%	1.9248%	$428,533,755.53	$22,912.81	$23,102.24
215	IA-215	I00260	454	11/23/2019	0.00005346791%	1.9248%	$428,556,668.34	$22,914.03	
215	IA-215	I00260	454	11/24/2019	0.00005346792%	1.9248%	$428,579,582.37	$22,915.26	
215	IA-215	I00260	454	11/25/2019	0.00005340029%	1.9224%	$421,002,391.67	$22,481.65	$68,742.10
215	IA-215	I00260	454	11/26/2019	0.00005340030%	1.9224%	$419,699,149.02	$22,412.06	$22,481.65
215	IA-215	I00260	454	11/27/2019	0.00005340029%	1.9224%	$383,464,011.44	$20,477.09	$22,412.06
215	IA-215	I00260	454	11/28/2019	0.00005340028%	1.9224%	$383,484,488.53	$20,478.18	
215	IA-215	I00260	454	11/29/2019	0.00005336116%	1.9210%	$353,490,816.20	$18,862.68	$40,955.27
215	IA-215	I00260	454	11/30/2019	0.00005336114%	1.9210%	$353,509,678.88	$18,863.68	
						2.0094%	**$447,461,656.59**	**$750,174.22**	**$735,672.42**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Investor

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.


AFUDC Data Entry
PowerPlant Fields
Modified 12/18/2019 09:59:40
User S229929
This Record
Other Records
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * APCo WV Distr AFUDC
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00186706
Monthly Equity Rate* 0.00325226
Monthly CPI Rate* 0.00394293
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes

AFUDC Data Entry
PowerPlant Fields
Modified 12/18/2019 10:02:20
User S229929
This Record
Other Records
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * APCo Transm AFUDC
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00186706
Monthly Equity Rate* 0.00336803
Monthly CPI Rate* 0.00394293
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes

AFUDC Data Entry

PowerPlant Fields

Modified 12/18/2019 14:51:36

User s229929

This Record: Save, Refresh, Delete, Help, Audits

Other Records: Add, Add Like, Previous, Next, Cancel

Categorizations (* = required)

Afudc Type *	APCo Whsle AFUDC	Effective Date*	12/2019
Debt Account	4320000 Allow Borrowed	Equity Account	4191000 Allow Other Fun
Monthly Debt Rate*	0.00094726	Monthly Equity Rate*	0.00165004
Monthly CPI Rate*	0.00394293	Afudc Jan Com Ind*	yes
Afudc Feb Com Ind*	yes	Afudc Mar Com Ind*	yes

	CALCULATED	ALLOCATION FACTOR	DEBT	EQUITY
DEBT	0.00186706	0.50735200	0.00094726	
EQUITY	0.00325226	0.50735200		0.00165004
CPI	0.00394293		0.00000000	
Total			0.00094726	0.00165004

Revised 2019 ALLOCATION FACTORS per Wayne Allen dated April 1,2019.0 Allocation factors revised for APCo based upon the WVa final order dated. Accounting Implications of the 2/27/19 PSC of West Virginia Final Oder in APCO and WPCO Case Nos. 18-0646-E-42T

Effective May 2007 AFUDC Rate Calculation

APCO GENERATION TO BE RE-REGULATED FOR AFUDC RATE CALCULATION. Generation will continue the functional allocation of the calculated Debt & Equity but willdiscontinue the functional allocation of CPI for Debt.

AFUDC Data Entry

PowerPlant Fields

Modified 12/18/2019 14:52:26

User s229929

This Record: Save, Refresh, Delete, Help, Audits

Other Records: Add, Add Like, Previous, Next, Cancel

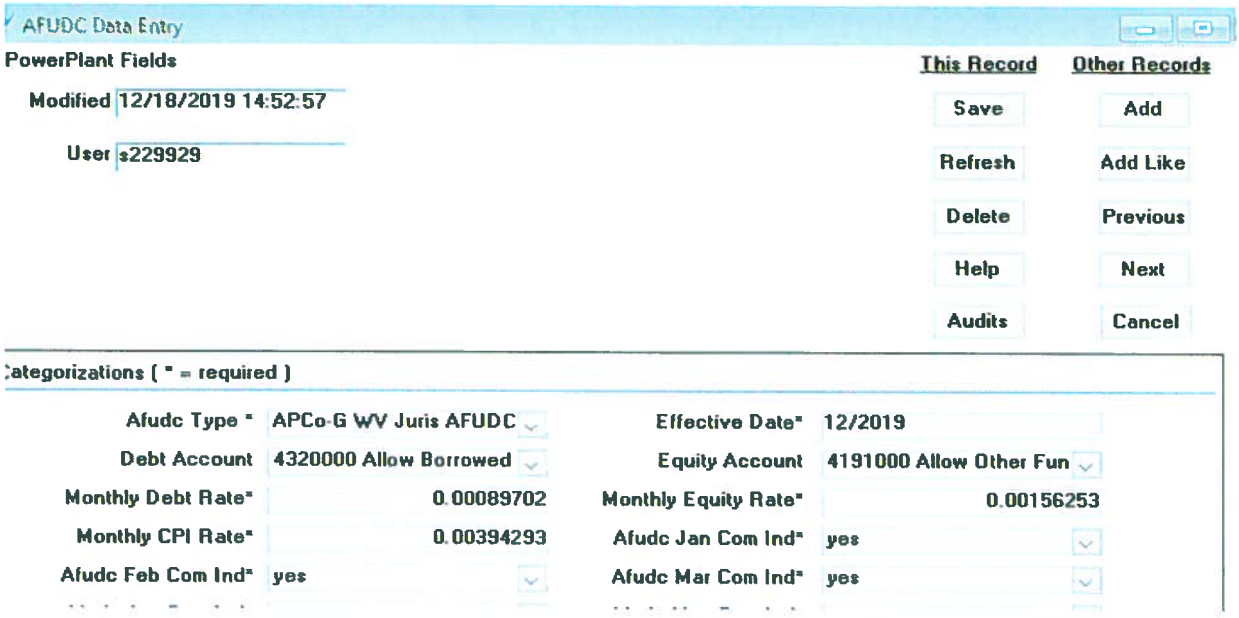
Categorizations (* = required)

Afudc Type *	APCo-D WV Juris AFUDC	Effective Date*	12/2019
Debt Account	4320000 Allow Borrowed	Equity Account	4191000 Allow Other Fun
Monthly Debt Rate*	0.00089702	Monthly Equity Rate*	0.00156253
Monthly CPI Rate*	0.00394293	Afudc Jan Com Ind*	yes
Afudc Feb Com Ind*	yes	Afudc Mar Com Ind*	yes

Per Jeffery Brubaker 3/17/2016 use General Plant allocation for Distribution & Generation Capital Software Projects.

	CALCULATED	Allocation Factors General Plant- Non-VA	DEBT	EQUITY
DEBT	0.00186706	0.48044300	0.00089702	
EQUITY	0.00325226	0.48044300		0.00156253
CPI	0.00394293		0.00000000	
Total			0.00089702	0.00156253

Revised 2019 ALLOCATION FACTORS per Wayne Allen dated April 1,2019.0 Allocation factors revised for APCo based upon the WVa final order dated. Accounting Implications of the 2/27/19 PSC of West Virginia Final Oder in APCO and WPCO Case Nos. 18-0646-E-42T



Per Jeffery Brubaker 3/17/2016 use General Plant allocation for Distribution & Generation Capital Software Projects.

	CALCULATED	Allocation Factors General Plant- Non-VA	DEBT	EQUITY
DEBT	0.00186706	0.48044300	0.00089702	
EQUITY	0.00325226	0.48044300		0.00156253
CPI	0.00394293		0.00000000	
Total			0.00089702	0.00156253

Revised 2019 ALLOCATION FACTORS per Wayne Allen dated April 1,2019.0 Allocation factors revised for APCo based upon the WVa final order dated. Accounting Implications of the 2/27/19 PSC of West Virginia Final Oder in APCO and WPCO Case Nos. 18-0646-E-42T

Effective May 2007 AFUDC Rate Calculation

APCO GENERATION TO BE RE-REGULATED FOR AFUDC RATE CALCULATION. Generation will continue the functional allocation of the calculated Debt & Equity but willdiscontinue the functional allocation of CPI for Debt.

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: I&M Distr AFUDC Month: 12/2019 Cancel

CWIP Balance $457,886,330.22 Re-Calc CWIP
Input Adj $330,213.86
Total $458,216,544.08 I&M Combined Group

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$2,608,031,411.39	0.04262604
Preferred	$0.00	0
Common	$2,341,548,320.08	0.09950000

Compounding Rule

AFUDC Monthly
CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$113,584,520.14	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02187389	0.00181457
Equity	0.03540322	0.00292874
CPI	0.04168568	0.00347381

Calculate Accept

Allowance for Funds Used During Construction
CWIP Balances for the month of December 2019 Rates
Based Upon PP CWIP Balance for the month of November 2019

Input the CWIP Balance from Final Acct Recon Query

Input the CWIP Balance from Pwr Plt AFUDC Rate Calculation Worksheet

		CWIP BALANCE	CWIP Base for AFUDC	ADJ. CWIP BALANCE
I & M DISTR.	170	118,807,090.33		
I & M GEN	132	113,676,874.21		
I & M NUCLEAR	190	147,962,158.43		
I & M TRANS	120	77,440,207.25		
Sub-total		**457,886,330.22**	**457,886,330.22**	
Nuclear Fuel in Proc-Acct 120.1	190	330,213.86	330,213.86	0.00
TOTAL		**458,216,544.08**	**458,216,544.08**	0.00

The ROE changed July 2018 for I&M - Distr from 10.2 to 9.95

	INITIALS	DATE
PREPARED	[illegible]	12/18/19
CHECKED	[illegible]	12/23/19
REVIEWED		

H:\INTERNAL\AR&A\AFUDC\CWIP FOR AFUDC\2019\12_2019\East_Annually\I&M -Distri_Transm_Nuc_Whsle_LCM_DSI_ SCR AFUDC Worksheet 12 2019_EAST I&M D_T_Whs(Gen)

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: I&M Transm AFUDC Month: 12/2019 Cancel

CWIP Balance $457,886,330.22 Re-Calc CWIP
Input Adj $330,213.86
Total $458,216,544.08 I&M Combined Group

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$2,608,031,411.39	0.04262604
Preferred	$0.00	0
Common	$2,341,548,320.08	0.10350000

Compounding Rule
AFUDC Monthly
CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$113,584,520.14	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02187389	0.00181457
Equity	0.03682646	0.00304559
CPI	0.04168568	0.00347381

Calculate Accept

The ROE changed March 2018 for I&M - Transm

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: I&M Whsle AFUDC Month: 12/2019 Cancel

CWIP Balance $457,886,330.22 Re-Calc CWIP
Input Adj $330,213.86
Total $458,216,544.08 I&M Combined Group

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$2,608,031,411.39	0.04262604
Preferred	$0.00	0
Common	$2,341,548,320.08	0.09950000

Compounding Rule
AFUDC Monthly
CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$113,584,520.14	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02187389	0.00181457
Equity	0.03540322	0.00292874
CPI	0.04168568	0.00347381

Calculate Accept

The ROE changed July 2018 for I&M - Whsle (Gen) from 10.2 to 9.95

NUCLEAR 100% AFUDC RATE

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: I&M Nuclear AFUDC Month: 12/2019 Cancel

CWIP Balance $457,886,330.22 Re-Calc CWIP
Input Adj $330,213.86
Total $458,216,544.08 I&M Combined Group

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$2,608,031,411.39	0.04262604
Preferred	$0.00	0
Common	$2,341,548,320.08	0.09950000

Compounding Rule

AFUDC Monthly
CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$113,584,520.14	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02187389	0.00181457
Equity	0.03540322	0.00292874
CPI	0.04168568	0.00347381

Calculate

Accept

Allowance for Funds Used During Construction
CWIP Balances for the month of December 2019 Rates
Based Upon PP CWIP Balance for the month of November 2019

Input the CWIP Balance from Final Acct Recon Query

Input the CWIP Balance from Pwr Plt AFUDC Rate Calculation Worksheet

		CWIP BALANCE	CWIP Base for AFUDC	ADJ. CWIP BALANCE
I & M DISTR.	170	118,807,090.33		
I & M GEN	132	113,676,874.21		
I & M NUCLEAR	190	147,962,158.43		
I & M TRANS	120	77,440,207.25		
Sub-total		**457,886,330.22**	**457,886,330.22**	0.00
Nuclear Fuel in Proc-Acct 120.1	190	330,213.86	330,213.86	0.00
TOTAL		458,216,544.08	**458,216,544.08**	0.00

The ROE changed July 2018 for I&M - Nuclear from 10.2 to 9.95

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: I&M LCM AFUDC Month: 12/2019 Cancel

CWIP Balance $457,886,330.22 Re-Calc CWIP
Input Adj $330,213.86
Total $458,216,544.08 I&M Combined Group

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$2,608,031,411.39	0.04262604
Preferred	$0.00	0
Common	$2,341,548,320.08	0.09950000

Compounding Rule

AFUDC: Monthly
CPI: Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$113,584,520.14	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02187389	0.00181457
Equity	0.03540322	0.00292874
CPI	0.04168568	0.00347381

Calculate Accept

Therefore, effective July 1, 2018, Property Accounting (David Hummel, Manager) should

- Calculate depreciation expense on only LCM plant balances placed in service after December 31, 2017 [Task 47 – July 2018 - calculate depreciation expense on LCM plant balances placed in service after December 31, 2017] [UPDATE – Indiana – New investment since Dec 31, 2017 – need new property balance and accumulated depreciation; End of life method; need in the reserve – plant cost balance less accumulated reserve divided by remaining useful life]
- UPDATE - January 2019 – need to separate calc reset to take new balance in service less accumulated (zero) divided by remaining useful life
- Calculate ongoing LCM Rider depreciation with the rates approved by the Commission in this proceeding [Task 48 – July 2018 - calculate ongoing LCM Rider depreciation with new rates]
- Begin to accrue (AFUDC) on the Indiana jurisdictional share of LCM CWIP [Task 49 – July 2018 begin accruing AFUDC on the Indiana jurisdictional share of LCM CWIP]

I&M Nuclear

Starting SCR for Unit 2 Effective 10/2018

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: I&M SCR AFUDC Month: 12/2019 Cancel

CWIP Balance $457,886,330.22
Input Adj $330,213.86
Total $458,216,544.08

Re-Calc CWIP

I&M Combined Group

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$2,608,031,411.39	0.04262604
Preferred	$0.00	0
Common	$2,341,548,320.08	0.09950000

Compounding Rule

AFUDC Monthly
CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$113,584,520.14	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02187389	0.00181457
Equity	0.03540322	0.00292874
CPI	0.04168568	0.00347381

Calculate

Accept

AFUDC- Michigan & FERC	ACTUAL CALCULATED	Michigan & FERC Juris Factors	DEBT	EQUITY
DEBT	0.00181457	0.34789710	0.00063128	
EQUITY	0.00292874	0.34789710		0.00101890
FOR SCR MI & FERC AFUDC Rates			0.00063128	0.00101890

AFUDC- Indiana-EXCLUDE FOR SCR RATE	ACTUAL CALCULATED	Michigan & FERC Juris Factors	DEBT	EQUITY
DEBT	0.00000000	0.65210290	0.00000000	
EQUITY	0.00000000	0.65210290		0.00000000
FOR SCR AFUDC- Indiana AFUDC Rates			0.00000000	0.00000000
Residual 20% of IN Juris Factors			20.00%	20.00%
FOR SCR Indiana AFUDC Rates			0.000000000	0
		1.00000000		
Total SCR AFUDC Debt & Equity Rates			0.00063128	0.00101890

check 0.00063128 0.00101890

**AFUDC was already calculated for October when Property received notice therefore AFUDC was adjusted in November for the October AFUDC charges **

Paul R Fennimo Angela R Herzog; Tyler H Ross; Diana L Gregory; Christopher K Cuffy; Randy Hamlett; Kiel Fohlman; David Hummel; +5 Thu 11/29

RE: AFUDC rate for SCR Unit 2 question

Retention Policy: AEP Default (3 years) Expires: 11/29/2020

You replied to this message on 11/30/2018 12:04 PM.

This email chain was sent in November explaining the responsibilities for each group. The excerpt below address your question related to AFUDC. Regulated Accounting will begin calculating a WACC return on Unit 2 SCR CWIP Effective October 1, 2018

Proposed Accounting:

- Revenue Accounting will implement updated ECR rates effective with the first billing cycle of December 2018 (Task – Dale Patterson)
- Revenue Accounting will provide monthly ECR revenues to Regulated Accounting for Over Under Recovery (Task – Chuck Oberlin)
- Property Accounting will effectively turn off/discontinue incremental AFUDC on Retained Unit 2 SCR effective October 1, 2018 (Task – Dave Hummel)
- Regulated Accounting will calculate a WACC return on Unit 2 SCR CWIP effective October 1, 2018 by (Task – Terri Ruggiero)
  - Using capital structure effective 7/1/18 (6.79% pre-tax weighted cost of capital based on 12/31/18 Forecasted Cap Structure using 9.95% ROE as approved in most recent I&M base rate case)
  - Using Unit 2 SCR CWIP balance on a one-month lag
  - Using sample average of last two months Unit 2 SCR CWIP, Examples
    - For October 2018, take the September 30, 2018 property balance and multiply by CC rate
    - For November 2018, take average of October 30, 2018 and September 30, 2018 and multiply by CC rate

Summary of Financing Rates for AFUDC Calculation
December 2019

	LTD Balance	Interest	Rate	Preferred Balance	Interest	Rate	Common Balance	Rate	Short Term Debt	Rate
Indiana Michigan - Distr - BU170	706,590,442.70	2,588,707.19	0.04396392	-	-	#DIV/0!	227,764,229.27	0.09950000	512,384,260.05	0.02009400
Indiana Michigan - Transm - BU 120	425,821,021.60	1,592,145.99	0.04486803	-	-	#DIV/0!	866,103,820.85	0.10350000	(431,964,608.75)	0.02009400
Indiana Michigan - Gen - BU 132	279,672,229.96	613,949.45	0.02634296	-	-	#DIV/0!	6,454,891,095.52	0.09950000	30,734,733.70	0.02009400
Indiana Michigan - Nuclear - BU 190	1,195,947,717.13	4,469,368.13	0.04484512	-	-	#DIV/0!	(5,207,210,825.55)	0.09950000	2,430,135.14	0.02009400
Total Company	**2,608,031,411.39**	**9,264,170.76**	**0.04262604**	**-**	**-**	**#DIV/0!**	**2,341,548,320.08**	**0.09950000**	**113,584,520.14**	**0.02009400**

ROE confirmed by Tyler Ross on 7/20/18 - ROE went from 10.2 to 9.95 for BU's 170,132,190 effective 7/1/2018
ROE confirmed by Chris Duffy on 1/12/18
ROE to change from 10.49 to 10.35 was confirmed by Rod Giffin on 4/16/18
I&M Transmission changed from 10.20% to 10.49% effective 1/2018
Exclude account 2240005 - Spent Nuclear Fuel. This acccount is not include in Rate Base.
Based upon the Final I&M base rate case order # 44075(Indiana Utility Regulatory Commission)
Beginning March 2013 the common equity will be 10.2%.

From: Tyler H Ross
Sent: Fri 7/20/2018 08:45 AM
To: Angela R Herzog; Randy Hamlett; Rod Griffin; Christopher K Duffy; Diana L Gregory; Jason M Yoder
Cc: David Hummel; Matthew R Cowley; Jesse M Drier; Amy J Leichtamer; Thomas J Sullhan Jr.
Subject: RE: ROE and Allocation Factors for West BUs - AFUDC for 2nd Qtr. review

Angela – On behalf of Transmission Accounting and Regulatory Accounting Services, we have no changes to the ROEs for AFUDC for Transource and the Transco BUs. With the exception of I&M, we have no changes to the ROEs of the East BUs. For I&M BUs 170, 132 and 190, I&M's Indiana ROE changed from 10.2% to 9.95% effective July 1, 2018.

As described within our current draft I&M Indiana base case memo:

Also effective July 2018, Property Accounting (David Hummel, Manager) should update the AFUDC rate for I&M to incorporate the Indiana ROE of 9.95% in the monthly calculation of I&M's total AFUDC rate calculation. [Task 61 – July 2018 Change in ROE rate for AFUDC]. Note that per the FERC Uniform System of Accounts Electric Plant Instruction No. 3. Components of Construction Cost, Item #17 *"the cost rate for common equity shall be the rate granted common equity in the last rate proceeding before the ratemaking body having primary rate jurisdictions."*

Indiana Michigan Pwr Co - Dist
AFUDC Calculation

	Balance	Rate
Long Term Debt	706,590,442.70	0.04396392
Preferred	0.00	0.00000000
Common	227,764,229.27	0.00000000

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	0.00	0.00000000

170

Indiana Michigan Pwr Co - Dist

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2240006	Senior Unsecured Notes		495,008,250.00	151,336,500.00	646,344,750.00
2240011	Other LTD - City of Fort Wayne		11,444,053.00	(142,780.00)	11,301,273.00
2240020	Other LTD - Ft. Wayne Current		1,524,462.00	7,623.00	1,532,085.00
2240021	Other LTD - Term Loan		45,518,000.00	13,916,000.00	59,434,000.00
2260006	Unam Disc LTD-Dr-Sr Unsec Note		(1,932,885.48)	(580,250.93)	(2,513,136.41)
	Long Term Debt	BL	**551,561,879.52**	164,537,092.07	**716,098,971.59**
1810003	Unamort Debt Exp Notes Payable		(93,333.97)	(24,332.15)	(117,666.12)
1810006	Unamort Debt Exp - Sr Unsec Nt		(4,215,242.85)	(1,182,303.48)	(5,397,546.33)
	Unamortized Debt Expense	BA	**(4,308,576.82)**	(1,206,635.63)	**(5,515,212.45)**
1890001	Loss Recqd Debt - FMB		(235,442.94)	3,762.06	(231,680.88)
1890002	Loss Rec Debt-Ins Purch Cont		(278,928.97)	4,141.22	(274,787.75)
1890006	Loss Rec Debt-Sen Unsec Notes		(3,477,438.48)	13,076.00	(3,464,362.48)

1890010	Loss Recqd Debt-PS Sub Man Red		(24,805.07)	506.24	(24,298.83)
	Unamortized Loss Reacquired Debt	BA	**(4,016,615.46)**	21,485.52	**(3,995,129.94)**
2570001	Unamort Gn Reacq Debt - FMB		1,845.31	(31.81)	1,813.50
	Unamortized Gain Reacquired Debt	BL	**1,845.31**	(31.81)	**1,813.50**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**543,238,532.55**	163,351,910.15	**706,590,442.70**
4270005	Int on LTD - Other LTD		(1,414,785.76)	(178,145.16)	(1,592,930.92)
4270006	Int on LTD - Sen Unsec Notes		(23,247,088.72)	(2,410,562.03)	(25,657,650.75)
	Interest on Long Term Debt	IS	(24,661,874.48)	**(2,588,707.19)**	(27,250,581.67)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2010001	Common Stock Issued-Affiliated		11,192,452.04	0.00	11,192,452.04
2070001	Premium on Common Stock		837,623.02	0.00	837,623.02
2080000	Donations Recvd from Stckhldrs		192,395,976.48	0.00	192,395,976.48
2100000	Gain Rsle/Cancl Req Cap Stock		25,849.13	0.00	25,849.13
2110000	Miscellaneous Paid-In Capital		766,339.42	0.00	766,339.42
2160001	Unapprp Retnd Erngs-Unrstrictd		20,365,861.89	0.00	20,365,861.89
2190015	Accum OCI-Hdg-CF-Int Rate		0.00	0.00	0.00
4380001	Div Declrd - Common Stk - Asso		(18,565,926.15)	0.00	(18,565,926.15)
	TOTAL PROPRIETARY CAPITAL		207,018,175.83	0.00	207,018,175.83
	NET INCOME (LOSS)	RE	**97,309,655.35**	(76,563,601.91)	**20,746,053.44**
	Common Shareholders' Equity	BL	**304,327,831.18**	(76,563,601.91)	**227,764,229.27**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**304,327,831.18**	(76,563,601.91)	**227,764,229.27**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**

4300003	Int to Assoc Co - CBP		(3,328,470.80)	0.00	(3,328,470.80)
4310007	Lines Of Credit		(413,464.19)	(15,646.38)	(429,110.57)
	Interest on Short Term Debt	IS	(3,741,934.99)	**(15,646.38)**	(3,757,581.37)

LTD Rate	706,590,442.70	2,588,707.19	0.04396392
Preferred Rate	0.00	0.00	0.00000000
Common	227,764,229.27		
STD Rate	0.00		
	0.00		
	0.00		
	0.00	15,646.38	0.00000000

IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 To: 11/30/2019

Posted Interest Date Range
From: 11/1/2019 To: 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
170	IA-170	I00260	420	11/1/2019	0.00006022721%	2.1682%	$-463,059,433.75	$-27,888.78	$-28,152.26
170	IA-170	I00260	420	11/2/2019	0.00006022722%	2.1682%	$-463,087,322.53	$-27,890.46	
170	IA-170	I00260	420	11/3/2019	0.00006022722%	2.1682%	$-463,115,212.99	$-27,892.14	
170	IA-170	I00260	420	11/4/2019	0.00005989005%	2.1560%	$-584,397,732.64	$-34,999.61	$-83,671.38
170	IA-170	I00260	420	11/5/2019	0.00005961392%	2.1461%	$-570,059,102.23	$-33,983.46	$-34,999.61
170	IA-170	I00260	420	11/6/2019	0.00005929577%	2.1346%	$-562,785,884.10	$-33,370.82	$-33,983.46
170	IA-170	I00260	420	11/7/2019	0.00005855178%	2.1079%	$-559,453,340.19	$-32,756.99	$-33,370.82
170	IA-170	I00260	420	11/8/2019	0.00005716173%	2.0578%	$-560,939,613.93	$-32,064.28	$-32,756.99
170	IA-170	I00260	420	11/9/2019	0.00005716173%	2.0578%	$-560,971,678.21	$-32,066.11	
170	IA-170	I00260	420	11/10/2019	0.00005716174%	2.0578%	$-561,003,744.32	$-32,067.95	
170	IA-170	I00260	420	11/11/2019	0.00005716173%	2.0578%	$-561,035,812.27	$-32,069.78	
170	IA-170	I00260	420	11/12/2019	0.00005680762%	2.0451%	$-491,662,878.24	$-27,930.20	$-128,268.12
170	IA-170	I00260	420	11/13/2019	0.00005578251%	2.0082%	$-477,911,990.47	$-26,659.13	$-27,930.20
170	IA-170	I00260	420	11/14/2019	0.00005547247%	1.9970%	$-452,598,533.89	$-25,106.76	$-26,659.13
170	IA-170	I00260	420	11/15/2019	0.00005460105%	1.9656%	$-458,674,512.68	$-25,044.11	$-25,106.76
170	IA-170	I00260	420	11/16/2019	0.00005460106%	1.9656%	$-458,699,556.79	$-25,045.48	
170	IA-170	I00260	420	11/17/2019	0.00005460106%	1.9656%	$-458,724,602.27	$-25,046.85	
170	IA-170	I00260	420	11/18/2019	0.00005410768%	1.9479%	$-519,114,994.75	$-28,088.11	$-75,136.44
170	IA-170	I00260	420	11/19/2019	0.00005392255%	1.9412%	$-512,319,441.54	$-27,625.57	$-28,088.11
170	IA-170	I00260	420	11/20/2019	0.00005385052%	1.9386%	$-523,830,459.09	$-28,208.54	$-27,625.57
170	IA-170	I00260	420	11/21/2019	0.00005337769%	1.9216%	$-518,580,714.73	$-27,680.64	$-28,208.54
170	IA-170	I00260	420	11/22/2019	0.00005346792%	1.9248%	$-521,780,341.98	$-27,898.51	$-27,680.64
170	IA-170	I00260	420	11/23/2019	0.00005346792%	1.9248%	$-521,808,240.49	$-27,900.00	
170	IA-170	I00260	420	11/24/2019	0.00005346791%	1.9248%	$-521,836,140.49	$-27,901.49	
170	IA-170	I00260	420	11/25/2019	0.00005340029%	1.9224%	$-509,051,328.17	$-27,183.49	$-83,700.00
170	IA-170	I00260	420	11/26/2019	0.00005340028%	1.9224%	$-498,968,505.68	$-26,645.06	$-27,183.49
170	IA-170	I00260	420	11/27/2019	0.00005340028%	1.9224%	$-506,759,106.68	$-27,061.08	$-26,645.06
170	IA-170	I00260	420	11/28/2019	0.00005340029%	1.9224%	$-506,786,167.76	$-27,062.53	
170	IA-170	I00260	420	11/29/2019	0.00005336116%	1.9210%	$-501,242,330.84	$-26,746.87	$-54,123.61
170	IA-170	I00260	420	11/30/2019	0.00005336116%	1.9210%	$-501,269,077.71	$-26,748.30	
						2.0094%	**$-512,384,260.05**	**$-858,633.10**	**$-833,290.19**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.

Indiana Michigan Pwr Co - Tran
AFUDC Calculation

	Balance	Rate
Long Term Debt	**425,821,021.60**	**0.04486803**
Preferred	**0.00**	**0.00000000**
Common	**866,103,820.85**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

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Indiana Michigan Pwr Co - Tran

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2240006	Senior Unsecured Notes		438,458,250.00	(40,933,500.00)	397,524,750.00
2240021	Other LTD - Term Loan		40,318,000.00	(3,764,000.00)	36,554,000.00
2260006	Unam Disc LTD-Dr-Sr Unsec Note		(1,712,071.53)	166,404.27	(1,545,667.26)
	Long Term Debt	BL	**477,064,178.47**	(44,531,095.73)	**432,533,082.74**
1810003	Unamort Debt Exp Notes Payable		(82,671.43)	10,302.63	(72,368.80)
1810006	Unamort Debt Exp - Sr Unsec Nt		(3,498,079.27)	341,997.83	(3,156,081.44)
	Unamortized Debt Expense	BA	**(3,580,750.70)**	352,300.46	**(3,228,450.24)**
1890001	Loss Recqd Debt - FMB		(224,660.38)	3,589.77	(221,070.61)
1890002	Loss Rec Debt-Ins Purch Cont		(266,155.24)	3,951.56	(262,203.68)
1890006	Loss Rec Debt-Sen Unsec Notes		(2,989,929.36)	11,048.19	(2,978,881.17)
1890010	Loss Recqd Debt-PS Sub Man Red		(23,668.27)	483.02	(23,185.25)
	Unamortized Loss Reacquired Debt	BA	**(3,504,413.25)**	19,072.54	**(3,485,340.71)**

2570001	Unamort Gn Reacq Debt - FMB		1,760.17	(30.36)	1,729.81
	Unamortized Gain Reacquired Debt	BL	**1,760.17**	(30.36)	**1,729.81**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**469,980,774.69**	(44,159,753.09)	**425,821,021.60**
4270005	Int on LTD - Other LTD		(1,094,024.29)	(109,565.54)	(1,203,589.83)
4270006	Int on LTD - Sen Unsec Notes		(17,932,114.33)	(1,482,580.45)	(19,414,694.78)
4300001	Interest Exp - Assoc Non-CBP		(15,111.45)	0.00	(15,111.45)
	Interest on Long Term Debt	IS	(19,041,250.07)	**(1,592,145.99)**	(20,633,396.06)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2010001	Common Stock Issued-Affiliated		10,678,990.65	0.00	10,678,990.65
2070001	Premium on Common Stock		799,196.49	0.00	799,196.49
2080000	Donations Recvd from Stckhldrs		183,570,205.97	0.00	183,570,205.97
2100000	Gain Rsle/Cancl Req Cap Stock		24,667.01	0.00	24,667.01
2110000	Miscellaneous Paid-In Capital		731,183.06	0.00	731,183.06
2160001	Unapprp Retnd Erngs-Unrstrictd		597,879,003.88	0.00	597,879,003.88
2190015	Accum OCI-Hdg-CF-Int Rate		0.00	0.00	0.00
4380001	Div Declrd - Common Stk - Asso		(92,925,079.92)	0.00	(92,925,079.92)
	TOTAL PROPRIETARY CAPITAL		700,758,167.14	0.00	700,758,167.14
	NET INCOME (LOSS)	RE	**159,622,250.49**	5,723,403.21	**165,345,653.70**
	Common Shareholders' Equity	BL	**860,380,417.64**	5,723,403.21	**866,103,820.85**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**860,380,417.64**	5,723,403.21	**866,103,820.85**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**

4300003	Int to Assoc Co - CBP		2,551,501.81	0.00	2,551,501.81
4310007	Lines Of Credit		(42,649.93)	(8,909.19)	(51,559.12)
	Interest on Short Term Debt	IS	2,508,851.88	**(8,909.19)**	2,499,942.69

LTD Rate	425,821,021.60	1,592,145.99	0.04486803
Preferred Rate	0.00	0.00	0.00000000
Common	866,103,820.85		
STD Rate	0.00		
	0.00		
	0.00		
	0.00	8,909.19	0.00000000

IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 To: 11/30/2019

Posted Interest Date Range
From: 11/1/2019 To: 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
120	IA-120	I00260	381	11/1/2019	0.00006022723%	2.1682%	$441,810,787.58	$26,609.04	$26,815.91
120	IA-120	I00260	381	11/2/2019	0.00006022722%	2.1682%	$441,837,396.62	$26,610.64	
120	IA-120	I00260	381	11/3/2019	0.00006022722%	2.1682%	$441,864,007.26	$26,612.24	
120	IA-120	I00260	381	11/4/2019	0.00005989005%	2.1560%	$440,434,090.85	$26,377.62	$79,831.92
120	IA-120	I00260	381	11/5/2019	0.00005961392%	2.1461%	$437,240,306.78	$26,065.61	$26,377.62
120	IA-120	I00260	381	11/6/2019	0.00005929577%	2.1346%	$437,366,307.58	$25,933.97	$26,065.61
120	IA-120	I00260	381	11/7/2019	0.00005855179%	2.1079%	$436,497,523.63	$25,557.71	$25,933.97
120	IA-120	I00260	381	11/8/2019	0.00005716173%	2.0578%	$435,236,283.54	$24,878.86	$25,557.71
120	IA-120	I00260	381	11/9/2019	0.00005716173%	2.0578%	$435,261,162.40	$24,880.28	
120	IA-120	I00260	381	11/10/2019	0.00005716172%	2.0578%	$435,286,042.68	$24,881.70	
120	IA-120	I00260	381	11/11/2019	0.00005716174%	2.0578%	$435,310,924.38	$24,883.13	
120	IA-120	I00260	381	11/12/2019	0.00005680762%	2.0451%	$434,362,313.64	$24,675.09	$99,523.97
120	IA-120	I00260	381	11/13/2019	0.00005578251%	2.0082%	$434,250,613.88	$24,223.59	$24,675.09
120	IA-120	I00260	381	11/14/2019	0.00005547248%	1.9970%	$433,060,151.33	$24,022.92	$24,223.59
120	IA-120	I00260	381	11/15/2019	0.00005460105%	1.9656%	$431,909,083.95	$23,582.69	$24,022.92
120	IA-120	I00260	381	11/16/2019	0.00005460106%	1.9656%	$431,932,666.64	$23,583.98	
120	IA-120	I00260	381	11/17/2019	0.00005460106%	1.9656%	$431,956,250.62	$23,585.27	
120	IA-120	I00260	381	11/18/2019	0.00005410768%	1.9479%	$431,713,724.85	$23,359.03	$70,751.94
120	IA-120	I00260	381	11/19/2019	0.00005392255%	1.9412%	$431,518,542.80	$23,268.58	$23,359.03
120	IA-120	I00260	381	11/20/2019	0.00005385051%	1.9386%	$430,530,718.90	$23,184.30	$23,268.58
120	IA-120	I00260	381	11/21/2019	0.00005337769%	1.9216%	$423,347,321.05	$22,597.30	$23,184.30
120	IA-120	I00260	381	11/22/2019	0.00005346793%	1.9248%	$422,699,956.00	$22,600.89	$22,597.30
120	IA-120	I00260	381	11/23/2019	0.00005346793%	1.9248%	$422,722,556.89	$22,602.10	
120	IA-120	I00260	381	11/24/2019	0.00005346793%	1.9248%	$422,745,158.99	$22,603.31	
120	IA-120	I00260	381	11/25/2019	0.00005340029%	1.9224%	$422,107,844.62	$22,540.68	$67,806.30
120	IA-120	I00260	381	11/26/2019	0.00005340029%	1.9224%	$421,768,521.66	$22,522.56	$22,540.68
120	IA-120	I00260	381	11/27/2019	0.00005340028%	1.9224%	$421,086,570.95	$22,486.14	$22,522.56
120	IA-120	I00260	381	11/28/2019	0.00005340028%	1.9224%	$421,109,057.09	$22,487.34	
120	IA-120	I00260	381	11/29/2019	0.00005336114%	1.9210%	$435,974,555.56	$23,264.10	$44,973.48
120	IA-120	I00260	381	11/30/2019	0.00005336116%	1.9210%	$435,997,819.66	$23,265.35	
						2.0094%	**$431,964,608.75**	**$723,746.02**	**$704,032.48**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Investor

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.

Indiana Michigan Pwr Co - Gen
AFUDC Calculation

	Balance	Rate
Long Term Debt	279,672,229.96	0.02634296
Preferred	0.00	0.00000000
Common	6,454,891,095.52	0.00000000

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	0.00	0.00000000

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Indiana Michigan Pwr Co - Gen

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2240002	Installment Purchase Contracts		190,000,000.00	0.00	190,000,000.00
2240006	Senior Unsecured Notes		63,270,750.00	(48,045,750.00)	15,225,000.00
2240021	Other LTD - Term Loan		5,818,000.00	(4,418,000.00)	1,400,000.00
2240502	Instl Purchase Contracts-Curr		77,000,000.00	0.00	77,000,000.00
2260002	Unam Disc LTD-Dr-Inst Pur Cont		(245,230.72)	3,143.97	(242,086.75)
2260006	Unam Disc LTD-Dr-Sr Unsec Note		(247,056.76)	187,858.47	(59,198.29)
	Long Term Debt	BL	**335,596,462.53**	(52,272,747.56)	**283,323,714.97**
1810002	Unamort Debt Exp - Inst Pur Cn		(2,301,877.47)	42,635.03	(2,259,242.44)
1810003	Unamort Debt Exp Notes Payable		(11,929.72)	9,158.03	(2,771.69)
1810006	Unamort Debt Exp - Sr Unsec Nt		(504,782.59)	383,906.24	(120,876.35)
	Unamortized Debt Expense	BA	**(2,818,589.78)**	435,699.30	**(2,382,890.48)**
1890001	Loss Recqd Debt - FMB		(34,049.43)	544.06	(33,505.37)

1890002	Loss Rec Debt-Ins Purch Cont		(859,902.40)	24,612.85	(835,289.55)
1890006	Loss Rec Debt-Sen Unsec Notes		(384,001.42)	1,313.49	(382,687.93)
1890010	Loss Recqd Debt-PS Sub Man Red		(17,735.94)	361.97	(17,373.97)
	Unamortized Loss Reacquired Debt	BA	**(1,295,689.19)**	26,832.37	**(1,268,856.82)**
2570001	Unamort Gn Reacq Debt - FMB		266.90	(4.60)	262.30
	Unamortized Gain Reacquired Debt	BL	**266.90**	(4.60)	**262.30**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**331,482,450.45**	(51,810,220.49)	**279,672,229.96**
4270002	Int on LTD - Install Pur Contr		(5,333,911.10)	(552,971.03)	(5,886,882.13)
4270005	Int on LTD - Other LTD		(237,643.10)	(4,196.31)	(241,839.41)
4270006	Int on LTD - Sen Unsec Notes		(3,920,654.70)	(56,782.11)	(3,977,436.81)
4270202	Int on LTD - Inst Pur C Contra		9,029.99	0.00	9,029.99
	Interest on Long Term Debt	IS	(9,483,178.91)	**(613,949.45)**	(10,097,128.36)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2010001	Common Stock Issued-Affiliated		8,002,432.27	0.00	8,002,432.27
2070001	Premium on Common Stock		598,887.67	0.00	598,887.67
2080000	Donations Recvd from Stckhldrs		137,560,937.41	0.00	137,560,937.41
2100000	Gain Rsle/Cancl Req Cap Stock		8,347.12	0.00	8,347.12
2110000	Miscellaneous Paid-In Capital		547,920.98	0.00	547,920.98
2151000	Appr Retnd Erngs-Amrt Rsv,Fed		4,289,459.00	0.00	4,289,459.00
2160001	Unapprp Retnd Erngs-Unrstrictd		5,792,616,152.69	0.00	5,792,616,152.69
2161001	Unap Undist Consol Sub Erng		(6,289,416.32)	0.00	(6,289,416.32)
2190015	Accum OCI-Hdg-CF-Int Rate		0.00	0.00	0.00
4380001	Div Declrd - Common Stk - Asso		(13,258,993.93)	0.00	(13,258,993.93)
	TOTAL PROPRIETARY CAPITAL		5,924,075,726.89	0.00	5,924,075,726.89
	NET INCOME (LOSS)	RE	**402,967,152.97**	121,814,551.95	**524,781,704.93**
	Common Shareholders' Equity	BL	**6,327,042,879.87**	121,814,551.95	**6,448,857,431.82**
	Unapprp Undistrbutd Sub Erngs	RE	6,289,416.32	0.00	6,289,416.32
	Equity Erngs of Subsidiary Co	RE	(222,255.56)	(33,497.06)	(255,752.62)

	Adjusted Common Shareholders' Equity		**6,333,110,040.63**	121,781,054.89	**6,454,891,095.52**

Short Term Debt

Account	**Description**				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		(1,244,682.34)	0.00	(1,244,682.34)
4310007	Lines Of Credit		(63,453.23)	(12,138.25)	(75,591.48)
	Interest on Short Term Debt	IS	(1,308,135.57)	**(12,138.25)**	(1,320,273.82)

LTD Rate	279,672,229.96	613,949.45	0.02634296
Preferred Rate	0.00	0.00	0.00000000
Common	6,454,891,095.52		
STD Rate	0.00		
	0.00		
	0.00		
	0.00	12,138.25	0.00000000

IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

Posted Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
132	IA-132	I00260	390	11/1/2019	0.00006022724%	2.1682%	$-99,684,460.40	$-6,003.72	$-4,966.14
132	IA-132	I00260	390	11/2/2019	0.00006022722%	2.1682%	$-99,690,464.12	$-6,004.08	
132	IA-132	I00260	390	11/3/2019	0.00006022721%	2.1682%	$-99,696,468.20	$-6,004.44	
132	IA-132	I00260	390	11/4/2019	0.00005989047%	2.1560%	$8,241,879.43	$493.61	$-18,012.24
132	IA-132	I00260	390	11/5/2019	0.00005961409%	2.1461%	$17,386,159.08	$1,036.46	$493.61
132	IA-132	I00260	390	11/6/2019	0.00005929561%	2.1346%	$18,675,748.78	$1,107.39	$1,036.46
132	IA-132	I00260	390	11/7/2019	0.00005854853%	2.1079%	$-944,515.65	$-55.30	$1,107.39
132	IA-132	I00260	390	11/8/2019	0.00005716148%	2.0578%	$-19,676,361.25	$-1,124.73	$-55.30
132	IA-132	I00260	390	11/9/2019	0.00005716177%	2.0578%	$-19,677,485.98	$-1,124.80	
132	IA-132	I00260	390	11/10/2019	0.00005716156%	2.0578%	$-19,678,610.78	$-1,124.86	
132	IA-132	I00260	390	11/11/2019	0.00005716185%	2.0578%	$-19,679,735.64	$-1,124.93	
132	IA-132	I00260	390	11/12/2019	0.00005680741%	2.0451%	$-19,950,565.46	$-1,133.34	$-4,499.32
132	IA-132	I00260	390	11/13/2019	0.00005578239%	2.0082%	$-21,054,850.81	$-1,174.49	$-1,133.34
132	IA-132	I00260	390	11/14/2019	0.00005547253%	1.9970%	$-22,446,604.32	$-1,245.17	$-1,174.49
132	IA-132	I00260	390	11/15/2019	0.00005460104%	1.9656%	$-39,470,124.34	$-2,155.11	$-1,245.17
132	IA-132	I00260	390	11/16/2019	0.00005460110%	1.9656%	$-39,472,279.45	$-2,155.23	
132	IA-132	I00260	390	11/17/2019	0.00005460116%	1.9656%	$-39,474,434.68	$-2,155.35	
132	IA-132	I00260	390	11/18/2019	0.00005410774%	1.9479%	$-51,586,147.78	$-2,791.21	$-6,465.69
132	IA-132	I00260	390	11/19/2019	0.00005392255%	1.9412%	$-52,372,340.84	$-2,824.05	$-2,791.21
132	IA-132	I00260	390	11/20/2019	0.00005385056%	1.9386%	$-56,662,360.39	$-3,051.30	$-2,824.05
132	IA-132	I00260	390	11/21/2019	0.00005337763%	1.9216%	$-64,951,174.33	$-3,466.94	$-3,051.30
132	IA-132	I00260	390	11/22/2019	0.00005346807%	1.9248%	$-11,364,725.93	$-607.65	$-3,466.94
132	IA-132	I00260	390	11/23/2019	0.00005346785%	1.9248%	$-11,365,333.58	$-607.68	
132	IA-132	I00260	390	11/24/2019	0.00005346764%	1.9248%	$-11,365,941.26	$-607.71	
132	IA-132	I00260	390	11/25/2019	0.00005340039%	1.9224%	$-8,777,839.05	$-468.74	$-1,823.04
132	IA-132	I00260	390	11/26/2019	0.00005339993%	1.9224%	$-11,985,597.01	$-640.03	$-468.74
132	IA-132	I00260	390	11/27/2019	0.00005340038%	1.9224%	$-14,507,762.76	$-774.72	$-640.03
132	IA-132	I00260	390	11/28/2019	0.00005340028%	1.9224%	$-14,508,537.48	$-774.76	
132	IA-132	I00260	390	11/29/2019	0.00005336116%	1.9210%	$-48,149,253.78	$-2,569.30	$-1,549.48
132	IA-132	I00260	390	11/30/2019	0.00005336122%	1.9210%	$-48,151,823.08	$-2,569.44	
						2.0094%	**$-30,734,733.70**	**$-51,701.62**	**$-51,529.02**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.

Indiana Michigan Pwr Co - Nuc
AFUDC Calculation

	Balance	Rate
Long Term Debt	1,195,947,717.13	0.04484512
Preferred	0.00	0.00000000
Common	-5,207,210,825.55	0.00000000

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	0.00	0.00000000

190

Indiana Michigan Pwr Co - Nuc

AFUDC Calculation

2018-12-31

		Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt				
Account	**Description**			
2240005	Other Long Term Debt - Other	0.00	0.00	0.00
2240006	Senior Unsecured Notes	1,178,262,750.00	(62,357,250.00)	1,115,905,500.00
2240021	Other LTD - Term Loan	108,346,000.00	(5,734,000.00)	102,612,000.00
2260006	Unam Disc LTD-Dr-Sr Unsec Note	(4,600,826.13)	261,929.98	(4,338,896.15)
	Long Term Debt	BL **1,282,007,923.87**	**(67,829,320.02)**	**1,214,178,603.85**
1810003	Unamort Debt Exp Notes Payable	(222,161.74)	19,012.77	(203,148.97)
1810006	Unamort Debt Exp - Sr Unsec Nt	(9,400,339.63)	540,794.04	(8,859,545.59)
	Unamortized Debt Expense	BA **(9,622,501.37)**	559,806.81	**(9,062,694.56)**
1890001	Loss Recqd Debt - FMB	(561,671.78)	8,974.75	(552,697.03)
1890002	Loss Rec Debt-Ins Purch Cont	(665,411.88)	9,879.27	(655,532.61)
1890006	Loss Rec Debt-Sen Unsec Notes	(7,935,400.52)	29,101.53	(7,906,298.99)
1890010	Loss Recqd Debt-PS Sub Man Red	(59,197.52)	1,208.10	(57,989.42)

	Unamortized Loss Reacquired Debt	BA	**(9,221,681.70)**	49,163.65	**(9,172,518.05)**
2570001	Unamort Gn Reacq Debt - FMB		4,401.78	(75.89)	4,325.89
	Unamortized Gain Reacquired Debt	BL	**4,401.78**	(75.89)	**4,325.89**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**1,263,168,142.58**	(67,220,425.45)	**1,195,947,717.13**
4270005	Int on LTD - Other LTD		(3,057,435.73)	(307,565.22)	(3,365,000.95)
4270006	Int on LTD - Sen Unsec Notes		(50,152,352.45)	(4,161,802.91)	(54,314,155.36)
	Interest on Long Term Debt	IS	(53,209,788.18)	**(4,469,368.13)**	(57,679,156.31)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2010001	Common Stock Issued-Affiliated		26,709,991.47	0.00	26,709,991.47
2070001	Premium on Common Stock		1,998,927.82	0.00	1,998,927.82
2080000	Donations Recvd from Stckhldrs		459,139,871.13	0.00	459,139,871.13
2100000	Gain Rsle/Cancl Req Cap Stock		61,690.97	0.00	61,690.97
2110000	Miscellaneous Paid-In Capital		1,828,814.54	0.00	1,828,814.54
2160001	Unapprp Retnd Ernngs-Unrstrictd		(5,245,448,948.64)	0.00	(5,245,448,948.64)
2190015	Accum OCI-Hdg-CF-Int Rate		0.00	0.00	0.00
	TOTAL PROPRIETARY CAPITAL		(4,755,709,652.71)	0.00	(4,755,709,652.71)
	NET INCOME (LOSS)	RE	**(416,009,527.49)**	(35,491,645.35)	**(451,501,172.84)**
	Common Shareholders' Equity	BL	**(5,171,719,180.20)**	(35,491,645.35)	**(5,207,210,825.55)**
	Unapprp Undistrbutd Sub Ernngs	RE	0.00	0.00	0.00
	Equity Ernngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**(5,171,719,180.20)**	(35,491,645.35)	**(5,207,210,825.55)**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**

4300003	Int to Assoc Co - CBP		(12,382.01)	0.00	(12,382.01)
4310007	Lines Of Credit		(186,694.75)	(40,728.73)	(227,423.48)
	Interest on Short Term Debt	IS	(199,076.76)	**(40,728.73)**	(239,805.49)

LTD Rate	1,195,947,717.13	4,469,368.13	0.04484512
Preferred Rate	0.00	0.00	0.00000000
Common	-5,207,210,825.55		
STD Rate	0.00		
	0.00		
	0.00		
	0.00	40,728.73	0.00000000

IAA Interest Report

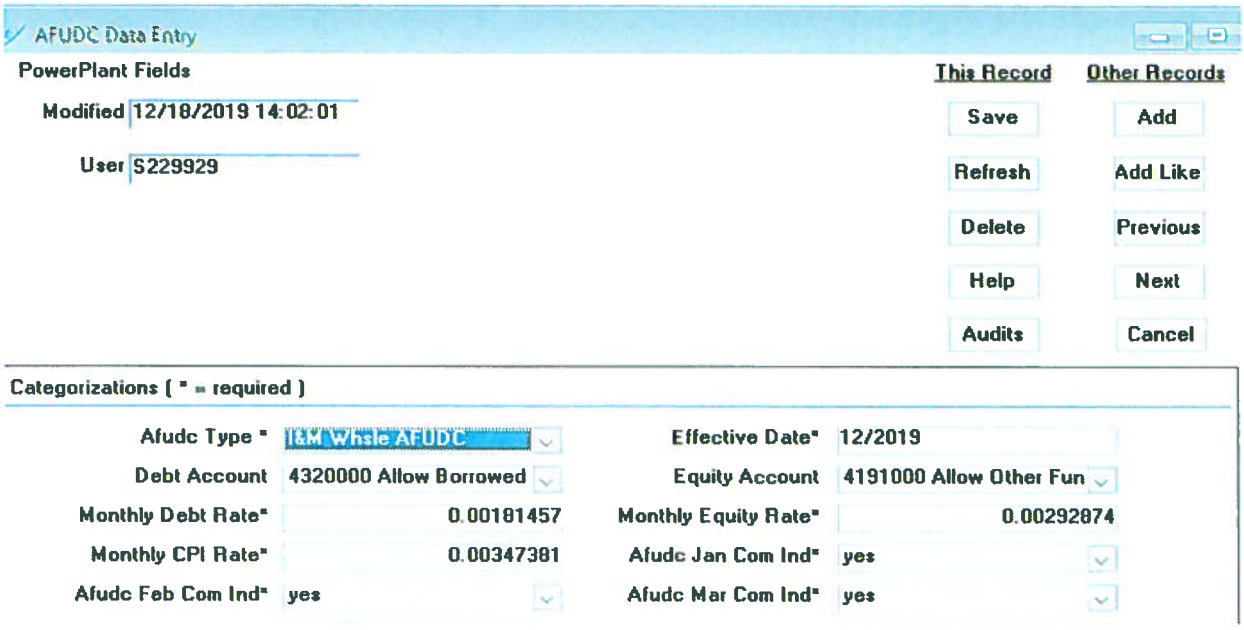
Calculated Interest Date Range
From: 11/1/2019 To: 11/30/2019

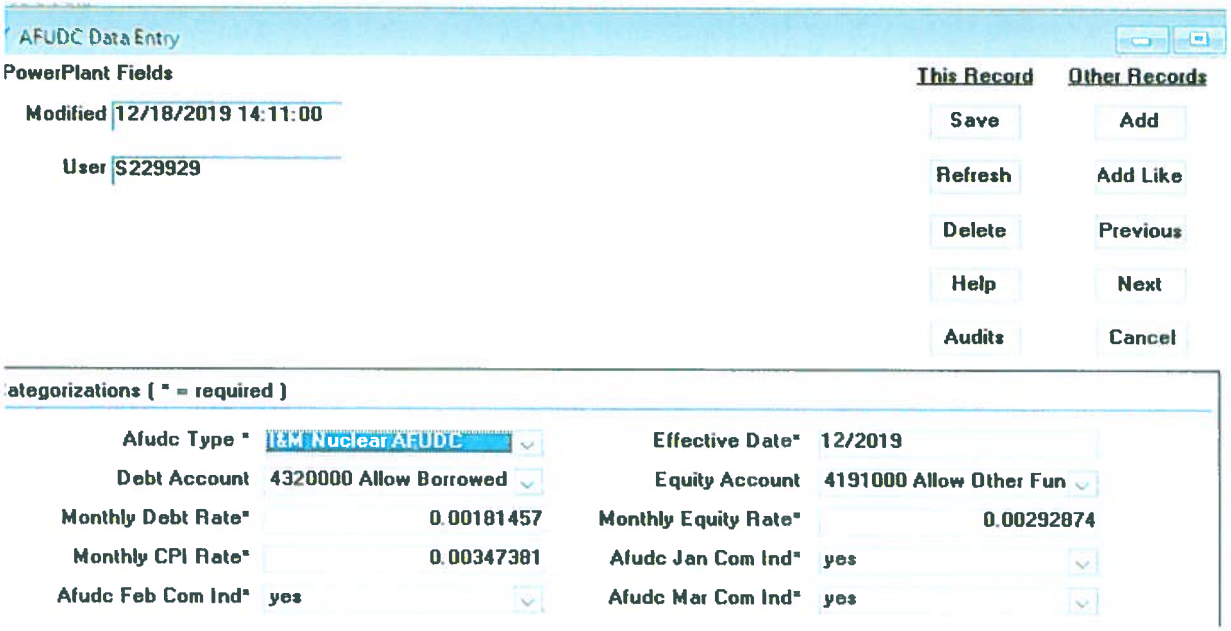
Posted Interest Date Range
From: 11/1/2019 To: 11/30/2019

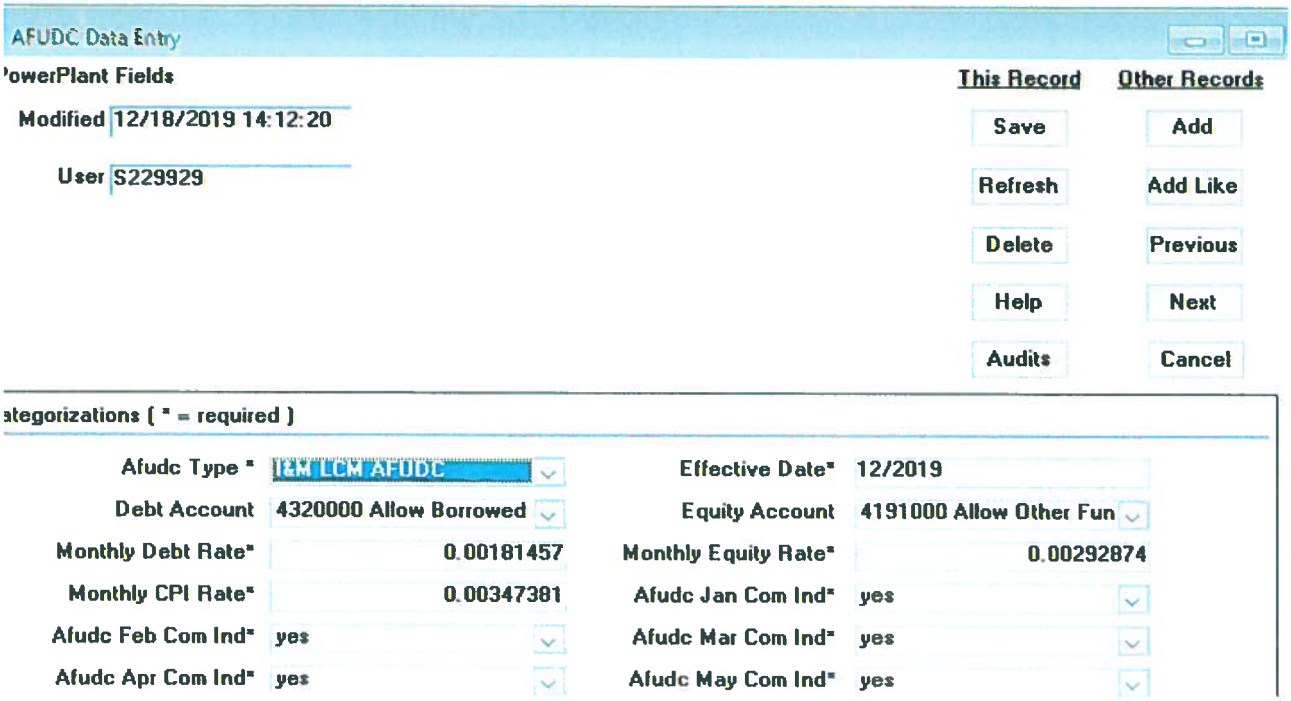
BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
190	IA-190	I00260	436	11/1/2019	0.00006022772%	2.1682%	$-9,477,197.17	$-570.79	$-1,311.55
190	IA-190	I00260	436	11/2/2019	0.00006022726%	2.1682%	$-9,477,767.96	$-570.82	
190	IA-190	I00260	436	11/3/2019	0.00006022680%	2.1682%	$-9,478,338.78	$-570.85	
190	IA-190	I00260	436	11/4/2019	0.00005988983%	2.1560%	$-16,088,873.97	$-963.56	$-1,712.46
190	IA-190	I00260	436	11/5/2019	0.00005961385%	2.1461%	$-17,210,263.16	$-1,025.97	$-963.56
190	IA-190	I00260	436	11/6/2019	0.00005929553%	2.1346%	$-18,030,363.71	$-1,069.12	$-1,025.97
190	IA-190	I00260	436	11/7/2019	0.00005855182%	2.1079%	$-19,774,790.75	$-1,157.85	$-1,069.12
190	IA-190	I00260	436	11/8/2019	0.00005716167%	2.0578%	$-10,235,356.12	$-585.07	$-1,157.85
190	IA-190	I00260	436	11/9/2019	0.00005716133%	2.0578%	$-10,235,941.19	$-585.10	
190	IA-190	I00260	436	11/10/2019	0.00005716197%	2.0578%	$-10,236,526.29	$-585.14	
190	IA-190	I00260	436	11/11/2019	0.00005716163%	2.0578%	$-10,237,111.43	$-585.17	
190	IA-190	I00260	436	11/12/2019	0.00005680775%	2.0451%	$-11,440,692.98	$-649.92	$-2,340.48
190	IA-190	I00260	436	11/13/2019	0.00005578237%	2.0082%	$-11,519,409.24	$-642.58	$-649.92
190	IA-190	I00260	436	11/14/2019	0.00005547247%	1.9970%	$-15,453,971.83	$-857.27	$-642.58
190	IA-190	I00260	436	11/15/2019	0.00005460084%	1.9656%	$-7,345,674.78	$-401.08	$-857.27
190	IA-190	I00260	436	11/16/2019	0.00005460058%	1.9656%	$-7,346,075.86	$-401.10	
190	IA-190	I00260	436	11/17/2019	0.00005460168%	1.9656%	$-7,346,476.96	$-401.13	
190	IA-190	I00260	436	11/18/2019	0.00005410775%	1.9479%	$56,846,387.84	$3,075.83	$-1,203.31
190	IA-190	I00260	436	11/19/2019	0.00005392257%	1.9412%	$56,427,205.92	$3,042.70	$3,075.83
190	IA-190	I00260	436	11/20/2019	0.00005385060%	1.9386%	$55,193,441.95	$2,972.20	$3,042.70
190	IA-190	I00260	436	11/21/2019	0.00005337775%	1.9216%	$54,478,693.93	$2,907.95	$2,972.20
190	IA-190	I00260	436	11/22/2019	0.00005346736%	1.9248%	$-5,911,644.03	$-316.08	$2,907.95
190	IA-190	I00260	436	11/23/2019	0.00005346788%	1.9248%	$-5,911,960.11	$-316.10	
190	IA-190	I00260	436	11/24/2019	0.00005346841%	1.9248%	$-5,912,276.21	$-316.12	
190	IA-190	I00260	436	11/25/2019	0.00005340063%	1.9224%	$-12,945,726.49	$-691.31	$-948.30
190	IA-190	I00260	436	11/26/2019	0.00005340003%	1.9224%	$-14,596,059.69	$-779.43	$-691.31
190	IA-190	I00260	436	11/27/2019	0.00005340051%	1.9224%	$-18,575,664.70	$-991.95	$-779.43
190	IA-190	I00260	436	11/28/2019	0.00005340035%	1.9224%	$-18,576,656.65	$-992.00	
190	IA-190	I00260	436	11/29/2019	0.00005336161%	1.9210%	$-6,242,315.32	$-333.10	$-1,983.95
190	IA-190	I00260	436	11/30/2019	0.00005336037%	1.9210%	$-6,242,648.42	$-333.11	
						2.0094%	**$-2,430,135.14**	**$-4,693.04**	**$-5,338.38**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
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User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * I&M Distr AFUDC
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00181457
Monthly Equity Rate* 0.00292874
Monthly CPI Rate* 0.00347381
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Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes
AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/18/2019 13:57:10
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
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Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00181457
Monthly Equity Rate* 0.00304559
Monthly CPI Rate* 0.00347381
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/18/2019 14:02:01
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * I&M Whsle AFUDC
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00181457
Monthly Equity Rate* 0.00292874
Monthly CPI Rate* 0.00347381
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/18/2019 14:11:00
User S229929
Save
Add
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Add Like
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Help
Next
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Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00181457
Monthly Equity Rate* 0.00292874
Monthly CPI Rate* 0.00347381
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
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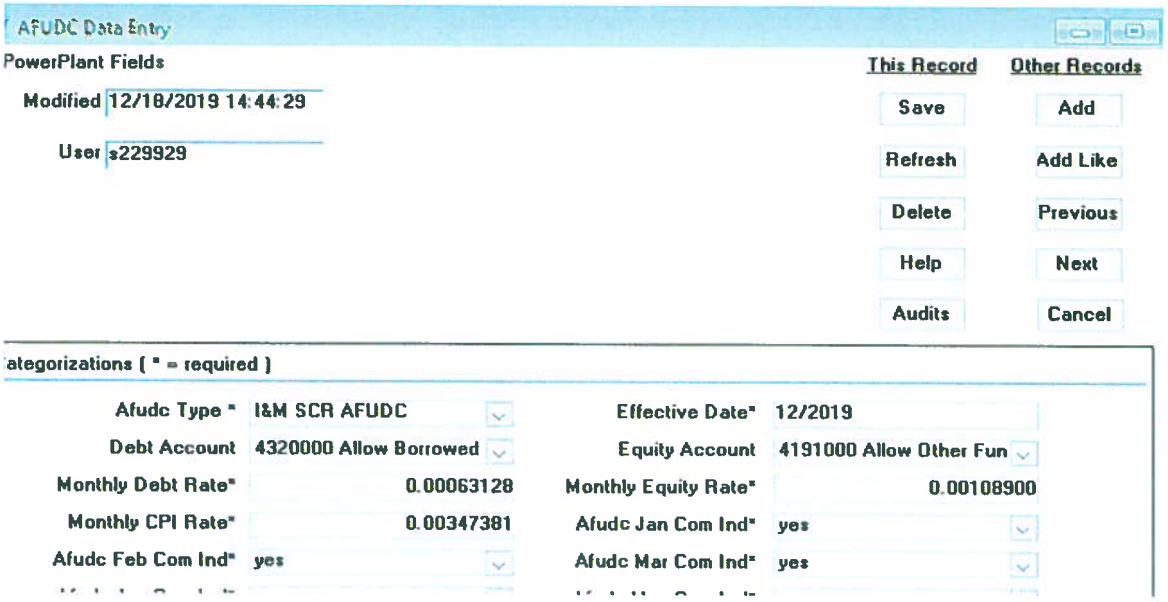


I&M Nuclear

Therefore, effective July 1, 2018, Property Accounting (David Hummel, Manager) should:

- Calculate depreciation expense on only LCM plant balances placed in service after December 31, 2017 [Task 47 – July 2018 - calculate depreciation expense on LCM plant balances placed in service after December 31, 2017] [UPDATE – Indiana – New investment since Dec 31, 2017 – need new property balance and accumulated depreciation; End of life method; need in the reserve – plant cost balance less accumulated reserve divided by remaining useful life]
- UPDATE - January 2019 – need to separate calc reset to take new balance in service less accumulated (zero) divided by remaining useful life
- Calculate ongoing LCM Rider depreciation with the rates approved by the Commission in this proceeding [Task 48 – July 2018 - calculate ongoing LCM Rider depreciation with new rates]
- Begin to accrue (AFUDC) on the Indiana jurisdictional share of LCM CWIP [Task 49 – July 2018 begin accruing AFUDC on the Indiana jurisdictional share of LCM CWIP]

LCM AFUDC Rates



AFUDC- Michigan & FERC	ACTUAL CALCULATED	Michigan & FERC Juris Factors	DEBT	EQUITY
DEBT	0.00181457	0.34789710	0.00063128	
EQUITY	0.00292874	0.34789710		0.00101890
FOR SCR MI & FERC AFUDC Rates			0.00063128	0.00101890

AFUDC- Indiana-EXCLUDE FOR SCR RATE	ACTUAL CALCULATED	Michigan & FERC Juris Factors	DEBT	EQUITY
DEBT	0.00000000	0.65210290	0.00000000	
EQUITY	0.00000000	0.65210290		0.00000000
FOR SCR AFUDC- Indiana AFUDC Rates			0.00000000	0.00000000
Residual 20% of IN Juris Factors			20.00%	20.00%
FOR SCR Indiana AFUDC Rates			0.000000000	0
		1.00000000		
Total SCR AFUDC Debt & Equity Rates			0.00063128	0.00101890

check			0.00063128	0.00101890

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: KEPCo Distr AFUDC Month: 12/2019 Cancel

CWIP Balance $101,272,984.12 Re-Calc CWIP
Input Adj
Total $101,272,984.12 Kentucky Power Comt

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$866,659,658.00	0.04445762
Preferred	$0.00	0
Common	$733,147,363.32	0.09700000

Compounding Rule

AFUDC Monthly
CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$98,724,931.65	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02019439	0.00167583
Equity	0.00111843	0.00009318
CPI	0.04196608	0.00349717

Calculate

Accept

Allowance for Funds Used During Construction
CWIP Balances for the month of December 2019 Rates
Based Upon PP CWIP Balance for the month of November 2019

Input the CWIP Balance from Final Acct Recon Query

Input the CWIP Balance from Pwr Plt AFUDC Rate Calculation Worksheet

		CWIP BALANCE		CWIP Base for AFUDC	ADJ. CWIP BALANCE
KENTUCKY DISTR	110	40,567,534.13			
KENTUCKY GEN	117	15,887,248.82			
KENTUCKY TRANS	180	44,818,201.17			
TOTAL		**101,272,984.12**		101,272,984.12	0.00

	INITIALS	DATE
PREPARED	AH	12/17/19
CHECKED	FHP	12/23/19
REVIEWED		

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: KEPCo Transm AFUDC | Month: 12/2019 | Cancel

CWIP Balance $101,272,984.12 | Re-Calc CWIP
Input Adj
Total $101,272,984.12 | Kentucky Power Comt

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$866,659,658.00	0.04445762
Preferred	$0.00	0
Common	$733,147,363.32	0.09700000

Compounding Rule

AFUDC: Monthly
CPI: Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$98,724,931.65	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02019439	0.00167583
Equity	0.00111843	0.00009318
CPI	0.04196608	0.00349717

Calculate | Accept

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: KEPCo Whsle AFUDC | Month: 12/2019 | Cancel

CWIP Balance $101,272,984.12 | Re-Calc CWIP
Input Adj
Total $101,272,984.12 | Kentucky Power Comt

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$866,659,658.00	0.04445762
Preferred	$0.00	0
Common	$733,147,363.32	0.09700000

Compounding Rule

AFUDC: Monthly
CPI: Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$98,724,931.65	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02019439	0.00167583
Equity	0.00111843	0.00009318
CPI	0.04196608	0.00349717

Calculate | Accept

Summary of Financing Rates for AFUDC Calculation
December 2019

	LTD Balance	Interest	Rate	Preferred Balance	Interest	Rate	Common Balance	Rate	Short Term Debt	Rate
Kentucky - Distr- BU 110	239,062,414.93	1,033,427.47	0.05187402	-	-	-	188,418,021.74	0.09700000	55,694,652.05	0.02009400
Kentucky - Trans - BU 180	172,822,771.64	668,768.17	0.04643611	-	-	-	287,517,186.12	0.09700000	(184,615,177.23)	0.02009400
Kentucky - Gen - 117	454,774,471.43	1,508,606.45	0.03980715	-	-	-	257,212,155.46	0.09700000	227,645,456.83	0.02009400
Total Company	**866,659,658.00**	**3,210,802.09**	**0.04445762**	**-**	**-**	**-**	**733,147,363.32**	**0.09700000**	**98,724,931.65**	**0.02009400**

Email saved to the path below: \INTERNAL\AR&A\AFUDC\2018 ROE & Alloc Factors for AFUDC\Email_ROE for Kentucky BUs effective January 19 2017 from Dave Hummel

Kentucky Power Co - Dist
AFUDC Calculation

	Balance	Rate
Long Term Debt	239,062,414.93	0.05187402
Preferred	0.00	0.00000000
Common	188,418,021.74	0.00000000

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	0.00	0.00000000

110

Kentucky Power Co - Dist

AFUDC Calculation

2018-12-31

Account	Description		Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
2240005	Other Long Term Debt - Other		22,363,500.00	0.00	22,363,500.00
2240006	Senior Unsecured Notes		217,671,400.00	0.00	217,671,400.00
	Long Term Debt	BL	**240,034,900.00**	0.00	**240,034,900.00**
1810003	Unamort Debt Exp Notes Payable		(143,514.79)	2,994.38	(140,520.41)
1810006	Unamort Debt Exp - Sr Unsec Nt		(698,401.05)	6,076.04	(692,325.01)
	Unamortized Debt Expense	BA	**(841,915.84)**	9,070.42	**(832,845.42)**
1890004	Loss Rec Debt-Debentures		(140,475.82)	836.17	(139,639.65)
	Unamortized Loss Reacquired Debt	BA	**(140,475.82)**	836.17	**(139,639.65)**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00

	Adjusted Long Term Debt		**239,052,508.34**	9,906.59	**239,062,414.93**
4270002	Int on LTD - Install Pur Contr		(1,191,666.67)	(108,333.33)	(1,300,000.00)
4270005	Int on LTD - Other LTD		(714,675.34)	(74,815.23)	(789,490.57)
4270006	Int on LTD - Sen Unsec Notes		(9,353,068.06)	(850,278.91)	(10,203,346.97)
	Interest on Long Term Debt	IS	(11,259,410.07)	**(1,033,427.47)**	(12,292,837.54)

Preferred Equity

Account	**Description**				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	**Description**				
2010001	Common Stock Issued-Affiliated		22,404,049.29	0.00	22,404,049.29
2080000	Donations Recvd from Stckhldrs		106,025,371.14	0.00	106,025,371.14
2160001	Unapprp Retnd Erngs-Unrstrictd		43,291,640.92	0.00	43,291,640.92
	TOTAL PROPRIETARY CAPITAL		171,721,061.35	0.00	171,721,061.35
	NET INCOME (LOSS)	RE	**16,051,072.65**	645,887.75	**16,696,960.40**
	Common Shareholders' Equity	BL	**187,772,134.00**	645,887.75	**188,418,021.74**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**187,772,134.00**	645,887.75	**188,418,021.74**

Short Term Debt

Account	**Description**				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		(464,233.75)	(79,895.98)	(544,129.73)
4310007	Lines Of Credit		(148,471.46)	(6,175.22)	(154,646.68)
	Interest on Short Term Debt	IS	(612,705.21)	**(86,071.20)**	(698,776.41)

LTD Rate	239,062,414.93	1,033,427.47	0.05187402

Preferred Rate	0.00	0.00	0.00000000
Common	188,418,021.74		
STD Rate	0.00		
	0.00		
	0.00		
	0.00	86,071.20	0.00000000

IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

Posted Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
110	IA-110	I00260	371	11/1/2019	0.00006022727%	2.1682%	$-43,862,686.09	$-2,641.73	$-2,626.82
110	IA-110	I00260	371	11/2/2019	0.00006022729%	2.1682%	$-43,865,327.82	$-2,641.89	
110	IA-110	I00260	371	11/3/2019	0.00006022731%	2.1682%	$-43,867,969.71	$-2,642.05	
110	IA-110	I00260	371	11/4/2019	0.00005989008%	2.1560%	$-73,458,904.02	$-4,399.46	$-7,925.67
110	IA-110	I00260	371	11/5/2019	0.00005961397%	2.1461%	$-70,573,898.01	$-4,207.19	$-4,399.46
110	IA-110	I00260	371	11/6/2019	0.00005929576%	2.1346%	$-69,018,929.52	$-4,092.53	$-4,207.19
110	IA-110	I00260	371	11/7/2019	0.00005855183%	2.1079%	$-68,009,826.14	$-3,982.10	$-4,092.53
110	IA-110	I00260	371	11/8/2019	0.00005716178%	2.0578%	$-67,767,307.89	$-3,873.70	$-3,982.10
110	IA-110	I00260	371	11/9/2019	0.00005716176%	2.0578%	$-67,771,181.59	$-3,873.92	
110	IA-110	I00260	371	11/10/2019	0.00005716174%	2.0578%	$-67,775,055.51	$-3,874.14	
110	IA-110	I00260	371	11/11/2019	0.00005716172%	2.0578%	$-67,778,929.65	$-3,874.36	
110	IA-110	I00260	371	11/12/2019	0.00005680768%	2.0451%	$-67,521,153.64	$-3,835.72	$-15,496.12
110	IA-110	I00260	371	11/13/2019	0.00005578256%	2.0082%	$-64,371,195.98	$-3,590.79	$-3,835.72
110	IA-110	I00260	371	11/14/2019	0.00005547243%	1.9970%	$-51,913,717.77	$-2,879.78	$-3,590.79
110	IA-110	I00260	371	11/15/2019	0.00005460101%	1.9656%	$-51,139,895.59	$-2,792.29	$-2,879.78
110	IA-110	I00260	371	11/16/2019	0.00005460096%	1.9656%	$-51,142,687.88	$-2,792.44	
110	IA-110	I00260	371	11/17/2019	0.00005460111%	1.9656%	$-51,145,480.32	$-2,792.60	
110	IA-110	I00260	371	11/18/2019	0.00005410765%	1.9479%	$-48,915,819.72	$-2,646.72	$-8,377.33
110	IA-110	I00260	371	11/19/2019	0.00005392249%	1.9412%	$-46,685,344.94	$-2,517.39	$-2,646.72
110	IA-110	I00260	371	11/20/2019	0.00005385056%	1.9386%	$-52,576,607.52	$-2,831.28	$-2,517.39
110	IA-110	I00260	371	11/21/2019	0.00005337760%	1.9216%	$-51,977,236.26	$-2,774.42	$-2,831.28
110	IA-110	I00260	371	11/22/2019	0.00005346797%	1.9248%	$-52,510,131.90	$-2,807.61	$-2,774.42
110	IA-110	I00260	371	11/23/2019	0.00005346796%	1.9248%	$-52,512,939.51	$-2,807.76	
110	IA-110	I00260	371	11/24/2019	0.00005346796%	1.9248%	$-52,515,747.27	$-2,807.91	
110	IA-110	I00260	371	11/25/2019	0.00005340029%	1.9224%	$-51,736,237.33	$-2,762.73	$-8,423.28
110	IA-110	I00260	371	11/26/2019	0.00005340031%	1.9224%	$-48,708,889.35	$-2,601.07	$-2,762.73
110	IA-110	I00260	371	11/27/2019	0.00005340033%	1.9224%	$-47,775,739.15	$-2,551.24	$-2,601.07
110	IA-110	I00260	371	11/28/2019	0.00005340019%	1.9224%	$-47,778,290.39	$-2,551.37	
110	IA-110	I00260	371	11/29/2019	0.00005336114%	1.9210%	$-48,079,932.71	$-2,565.60	$-5,102.61
110	IA-110	I00260	371	11/30/2019	0.00005336120%	1.9210%	$-48,082,498.31	$-2,565.74	
						2.0094%	**$-55,694,652.05**	**$-93,577.53**	**$-91,073.01**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.

Kentucky Power Co - Trans
AFUDC Calculation

	Balance	Rate
Long Term Debt	**172,822,771.64**	**0.04643611**
Preferred	**0.00**	**0.00000000**
Common	**287,517,186.12**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

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Kentucky Power Co - Trans

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2240005	Other Long Term Debt - Other		16,167,000.00	0.00	16,167,000.00
2240006	Senior Unsecured Notes		157,358,800.00	0.00	157,358,800.00
	Long Term Debt	BL	**173,525,800.00**	0.00	**173,525,800.00**
1810003	Unamort Debt Exp Notes Payable		(103,749.33)	2,164.70	(101,584.63)
1810006	Unamort Debt Exp - Sr Unsec Nt		(504,887.95)	4,392.49	(500,495.46)
	Unamortized Debt Expense	BA	**(608,637.28)**	6,557.19	**(602,080.09)**
1890004	Loss Rec Debt-Debentures		(101,552.75)	604.48	(100,948.27)
	Unamortized Loss Reacquired Debt	BA	**(101,552.75)**	604.48	**(100,948.27)**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00

	Adjusted Long Term Debt		**172,815,609.97**	7,161.67	**172,822,771.64**
4270005	Int on LTD - Other LTD		(516,652.41)	(54,085.35)	(570,737.76)
4270006	Int on LTD - Sen Unsec Notes		(6,761,511.02)	(614,682.82)	(7,376,193.84)
4300001	Interest Exp - Assoc Non-CBP		(7,148.01)	0.00	(7,148.01)
	Interest on Long Term Debt	IS	(7,285,311.44)	**(668,768.17)**	(7,954,079.61)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2010001	Common Stock Issued-Affiliated		17,758,347.83	0.00	17,758,347.83
2080000	Donations Recvd from Stckhldrs		84,039,835.84	0.00	84,039,835.84
2160001	Unapprp Retnd Erngs-Unrstrictd		125,117,845.49	0.00	125,117,845.49
	TOTAL PROPRIETARY CAPITAL		226,916,029.16	0.00	226,916,029.16
	NET INCOME (LOSS)	RE	**54,367,346.41**	6,233,810.55	**60,601,156.96**
	Common Shareholders' Equity	BL	**281,283,375.57**	6,233,810.55	**287,517,186.12**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**281,283,375.57**	6,233,810.55	**287,517,186.12**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		1,557,033.79	292,233.27	1,849,267.06
4310007	Lines Of Credit		(14,400.69)	(3,655.87)	(18,056.56)
	Interest on Short Term Debt	IS	1,542,633.10	**288,577.40**	1,831,210.50

LTD Rate	172,822,771.64	668,768.17	0.04643611

Preferred Rate	0.00	0.00	0.00000000
Common	287,517,186.12		
STD Rate	0.00		
	0.00		
	0.00		
	0.00	-288,577.40	0.00000000

IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 To: 11/30/2019

Posted Interest Date Range
From: 11/1/2019 To: 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
180	IA-180	I00260	428	11/1/2019	0.00006022720%	2.1682%	$183,895,485.22	$11,075.51	$11,125.14
180	IA-180	I00260	428	11/2/2019	0.00006022722%	2.1682%	$183,906,560.73	$11,076.18	
180	IA-180	I00260	428	11/3/2019	0.00006022723%	2.1682%	$183,917,636.91	$11,076.85	
180	IA-180	I00260	428	11/4/2019	0.00005989004%	2.1560%	$185,852,267.48	$11,130.70	$33,228.54
180	IA-180	I00260	428	11/5/2019	0.00005961395%	2.1461%	$185,871,103.55	$11,080.51	$11,130.70
180	IA-180	I00260	428	11/6/2019	0.00005929574%	2.1346%	$186,387,240.42	$11,051.97	$11,080.51
180	IA-180	I00260	428	11/7/2019	0.00005855179%	2.1079%	$185,883,133.73	$10,883.79	$11,051.97
180	IA-180	I00260	428	11/8/2019	0.00005716174%	2.0578%	$185,137,295.92	$10,582.77	$10,883.79
180	IA-180	I00260	428	11/9/2019	0.00005716171%	2.0578%	$185,147,878.69	$10,583.37	
180	IA-180	I00260	428	11/10/2019	0.00005716174%	2.0578%	$185,158,462.06	$10,583.98	
180	IA-180	I00260	428	11/11/2019	0.00005716171%	2.0578%	$185,169,046.04	$10,584.58	
180	IA-180	I00260	428	11/12/2019	0.00005680763%	2.0451%	$185,011,227.81	$10,510.05	$42,334.70
180	IA-180	I00260	428	11/13/2019	0.00005578251%	2.0082%	$184,940,773.92	$10,316.46	$10,510.05
180	IA-180	I00260	428	11/14/2019	0.00005547247%	1.9970%	$184,751,112.56	$10,248.60	$10,316.46
180	IA-180	I00260	428	11/15/2019	0.00005460103%	1.9656%	$183,903,313.80	$10,041.31	$10,248.60
180	IA-180	I00260	428	11/16/2019	0.00005460104%	1.9656%	$183,913,355.11	$10,041.86	
180	IA-180	I00260	428	11/17/2019	0.00005460105%	1.9656%	$183,923,396.97	$10,042.41	
180	IA-180	I00260	428	11/18/2019	0.00005410769%	1.9479%	$183,808,800.41	$9,945.47	$30,125.58
180	IA-180	I00260	428	11/19/2019	0.00005392255%	1.9412%	$183,743,149.65	$9,907.90	$9,945.47
180	IA-180	I00260	428	11/20/2019	0.00005385051%	1.9386%	$183,757,954.01	$9,895.46	$9,907.90
180	IA-180	I00260	428	11/21/2019	0.00005337769%	1.9216%	$183,598,419.78	$9,800.06	$9,895.46
180	IA-180	I00260	428	11/22/2019	0.00005346794%	1.9248%	$183,368,383.58	$9,804.33	$9,800.06
180	IA-180	I00260	428	11/23/2019	0.00005346792%	1.9248%	$183,378,187.91	$9,804.85	
180	IA-180	I00260	428	11/24/2019	0.00005346790%	1.9248%	$183,387,992.76	$9,805.37	
180	IA-180	I00260	428	11/25/2019	0.00005340026%	1.9224%	$183,409,767.89	$9,794.13	$29,414.55
180	IA-180	I00260	428	11/26/2019	0.00005340026%	1.9224%	$183,293,481.64	$9,787.92	$9,794.13
180	IA-180	I00260	428	11/27/2019	0.00005340026%	1.9224%	$183,546,481.30	$9,801.43	$9,787.92
180	IA-180	I00260	428	11/28/2019	0.00005340030%	1.9224%	$183,556,282.73	$9,801.96	
180	IA-180	I00260	428	11/29/2019	0.00005336113%	1.9210%	$188,413,535.13	$10,053.96	$19,603.39
180	IA-180	I00260	428	11/30/2019	0.00005336115%	1.9210%	$188,423,589.09	$10,054.50	
						2.0094%	**$184,615,177.23**	**$309,168.24**	**$300,184.92**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Investor

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.

Kentucky Power Co - Gene
AFUDC Calculation

	Balance	Rate
Long Term Debt	**454,774,471.43**	**0.03980715**
Preferred	**0.00**	**0.00000000**
Common	**257,212,155.46**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

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Kentucky Power Co - Gene

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2240002	Installment Purchase Contracts		65,000,000.00	0.00	65,000,000.00
2240005	Other Long Term Debt - Other		36,469,500.00	0.00	36,469,500.00
2240006	Senior Unsecured Notes		354,969,800.00	0.00	354,969,800.00
	Long Term Debt	BL	**456,439,300.00**	0.00	**456,439,300.00**
1810002	Unamort Debt Exp - Inst Pur Cn		(83,583.09)	4,643.51	(78,939.58)
1810003	Unamort Debt Exp Notes Payable		(234,037.15)	4,883.11	(229,154.04)
1810006	Unamort Debt Exp - Sr Unsec Nt		(1,138,924.93)	9,908.59	(1,129,016.34)
	Unamortized Debt Expense	BA	**(1,456,545.17)**	19,435.21	**(1,437,109.96)**
1890004	Loss Rec Debt-Debentures		(229,082.19)	1,363.58	(227,718.61)
	Unamortized Loss Reacquired Debt	BA	**(229,082.19)**	1,363.58	**(227,718.61)**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00

	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**454,753,672.64**	20,798.79	**454,774,471.43**
4270005	Int on LTD - Other LTD		(1,165,463.93)	(122,005.67)	(1,287,469.60)
4270006	Int on LTD - Sen Unsec Notes		(15,252,608.58)	(1,386,600.78)	(16,639,209.36)
	Interest on Long Term Debt	IS	(16,418,072.51)	**(1,508,606.45)**	(17,926,678.96)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2010001	Common Stock Issued-Affiliated		10,287,602.88	0.00	10,287,602.88
2080000	Donations Recvd from Stckhldrs		333,258,887.23	0.00	333,258,887.23
2110018	DSIT Apportionment Adj.		2,811,185.08	0.00	2,811,185.08
2160001	Unapprp Retnd Erngs-Unrstrictd		(74,993,134.23)	0.00	(74,993,134.23)
2190006	OCI-Min Pen Liab FAS 158-Qual		0.00	0.00	0.00
2190007	OCI-Min Pen Liab FAS 158-OPEB		0.00	0.00	0.00
	TOTAL PROPRIETARY CAPITAL		271,364,540.96	0.00	271,364,540.96
	NET INCOME (LOSS)	RE	**(12,616,766.24)**	(1,535,619.26)	**(14,152,385.50)**
	Common Shareholders' Equity	BL	**258,747,774.72**	(1,535,619.26)	**257,212,155.46**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**258,747,774.72**	(1,535,619.26)	**257,212,155.46**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		(1,236,861.87)	(231,567.37)	(1,468,429.24)
4310007	Lines Of Credit		(68,287.98)	(16,030.63)	(84,318.61)
	Interest on Short Term Debt	IS	(1,305,149.85)	**(247,598.00)**	(1,552,747.85)

LTD Rate	454,774,471.43	1,508,606.45	0.03980715
Preferred Rate	0.00	0.00	0.00000000
Common	257,212,155.46		
STD Rate	0.00		
	0.00		
	0.00		
	0.00	247,598.00	0.00000000

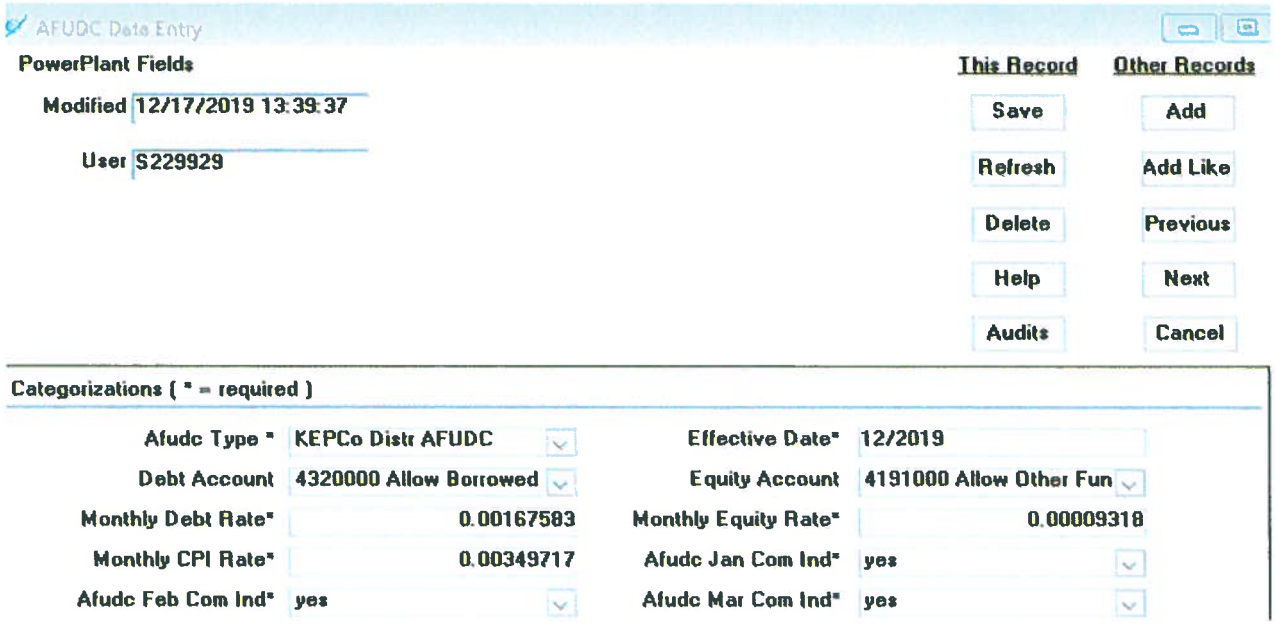
IAA Interest Report

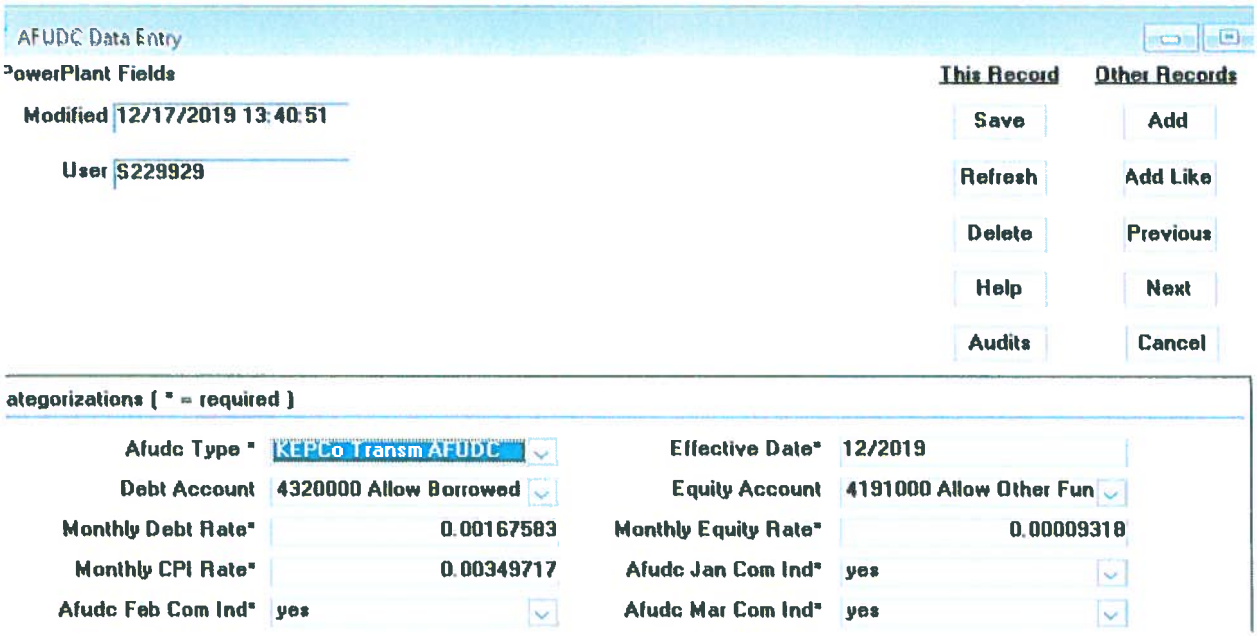
Calculated Interest Date Range
From: 11/1/2019 To: 11/30/2019

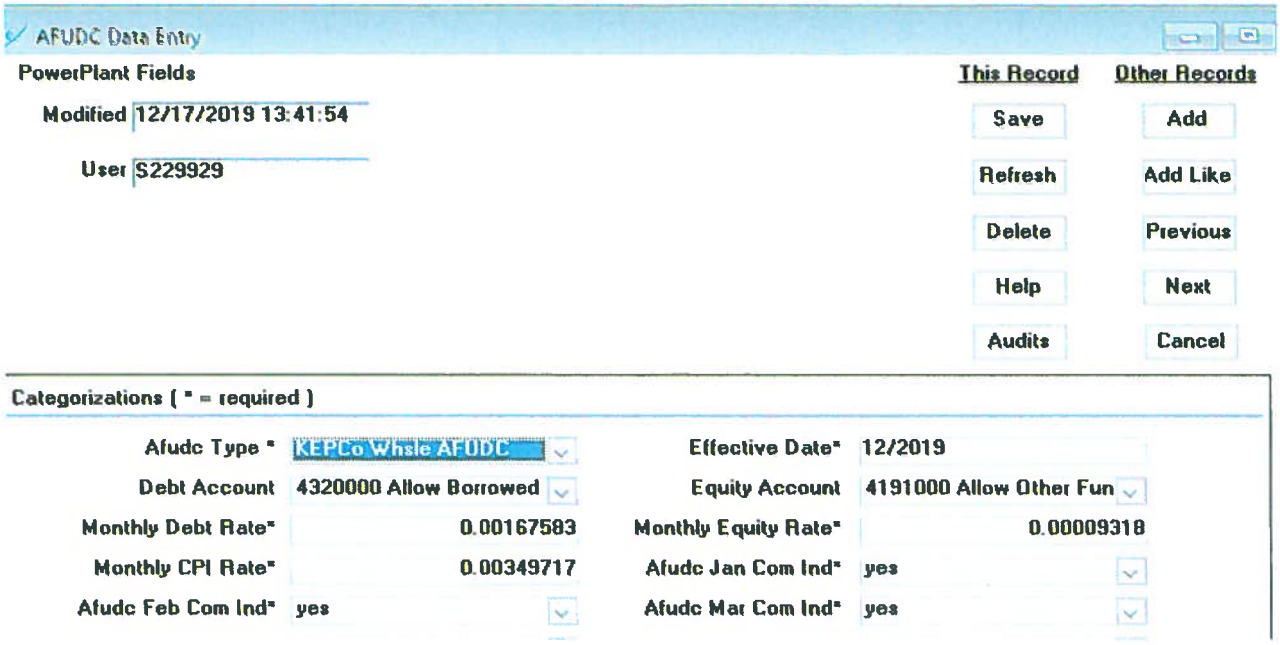
Posted Interest Date Range
From: 11/1/2019 To: 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
117	IA-117	I00260	378	11/1/2019	0.00006022723%	2.1682%	$-238,081,364.62	$-14,338.98	$-14,192.59
117	IA-117	I00260	378	11/2/2019	0.00006022721%	2.1682%	$-238,095,703.60	$-14,339.84	
117	IA-117	I00260	378	11/3/2019	0.00006022724%	2.1682%	$-238,110,043.44	$-14,340.71	
117	IA-117	I00260	378	11/4/2019	0.00005989005%	2.1560%	$-218,849,534.76	$-13,106.91	$-43,019.53
117	IA-117	I00260	378	11/5/2019	0.00005961395%	2.1461%	$-208,828,976.63	$-12,449.12	$-13,106.91
117	IA-117	I00260	378	11/6/2019	0.00005929577%	2.1346%	$-209,704,000.50	$-12,434.56	$-12,449.12
117	IA-117	I00260	378	11/7/2019	0.00005855179%	2.1079%	$-213,042,668.05	$-12,474.03	$-12,434.56
117	IA-117	I00260	378	11/8/2019	0.00005716172%	2.0578%	$-215,584,480.49	$-12,323.18	$-12,474.03
117	IA-117	I00260	378	11/9/2019	0.00005716175%	2.0578%	$-215,596,803.67	$-12,323.89	
117	IA-117	I00260	378	11/10/2019	0.00005716173%	2.0578%	$-215,609,127.56	$-12,324.59	
117	IA-117	I00260	378	11/11/2019	0.00005716175%	2.0578%	$-215,621,452.15	$-12,325.30	
117	IA-117	I00260	378	11/12/2019	0.00005680764%	2.0451%	$-216,947,045.94	$-12,324.25	$-49,296.96
117	IA-117	I00260	378	11/13/2019	0.00005578250%	2.0082%	$-217,464,429.35	$-12,130.71	$-12,324.25
117	IA-117	I00260	378	11/14/2019	0.00005547248%	1.9970%	$-219,303,344.26	$-12,165.30	$-12,130.71
117	IA-117	I00260	378	11/15/2019	0.00005460105%	1.9656%	$-221,206,725.68	$-12,078.12	$-12,165.30
117	IA-117	I00260	378	11/16/2019	0.00005460105%	1.9656%	$-221,218,803.80	$-12,078.78	
117	IA-117	I00260	378	11/17/2019	0.00005460106%	1.9656%	$-221,230,882.58	$-12,079.44	
117	IA-117	I00260	378	11/18/2019	0.00005410768%	1.9479%	$-227,088,452.02	$-12,287.23	$-36,236.34
117	IA-117	I00260	378	11/19/2019	0.00005392255%	1.9412%	$-231,061,014.17	$-12,459.40	$-12,287.23
117	IA-117	I00260	378	11/20/2019	0.00005385053%	1.9386%	$-231,426,137.28	$-12,462.42	$-12,459.40
117	IA-117	I00260	378	11/21/2019	0.00005337768%	1.9216%	$-233,696,550.38	$-12,474.18	$-12,462.42
117	IA-117	I00260	378	11/22/2019	0.00005346794%	1.9248%	$-234,762,193.67	$-12,552.25	$-12,474.18
117	IA-117	I00260	378	11/23/2019	0.00005346793%	1.9248%	$-234,774,745.92	$-12,552.92	
117	IA-117	I00260	378	11/24/2019	0.00005346793%	1.9248%	$-234,787,298.84	$-12,553.59	
117	IA-117	I00260	378	11/25/2019	0.00005340027%	1.9224%	$-236,473,912.27	$-12,627.77	$-37,658.76
117	IA-117	I00260	378	11/26/2019	0.00005340030%	1.9224%	$-237,696,397.16	$-12,693.06	$-12,627.77
117	IA-117	I00260	378	11/27/2019	0.00005340029%	1.9224%	$-244,858,609.43	$-13,075.52	$-12,693.06
117	IA-117	I00260	378	11/28/2019	0.00005340029%	1.9224%	$-244,871,684.95	$-13,076.22	
117	IA-117	I00260	378	11/29/2019	0.00005336115%	1.9210%	$-246,679,079.35	$-13,163.08	$-26,151.74
117	IA-117	I00260	378	11/30/2019	0.00005336114%	1.9210%	$-246,692,242.43	$-13,163.78	
						2.0094%	**$-227,645,456.83**	**$-380,779.13**	**$-368,644.86**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/17/2019 13:39:37
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * KEPCo Distr AFUDC
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00167583
Monthly Equity Rate* 0.00009318
Monthly CPI Rate* 0.00349717
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/17/2019 13:40:51
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
ategorizations (* = required)
Afudc Type * KEPCo Transm AFUDC
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00167583
Monthly Equity Rate* 0.00009318
Monthly CPI Rate* 0.00349717
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes



H:\INTERNAL\AR&A\AFUDC\CWIP FOR AFUDC\2019\12_2019\East_Annually\AFUDC Worksheet All Other Bu's WorkBook 12 2019 - EAST AFUDC Data screen

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: KGPCo Distr AFUDC Month: 12/2019 Cancel

CWIP Balance $13,337,167.47 Re-Calc CWIP
Input Adj
Total $13,337,167.47 Kingsport Power Comt

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$50,000,000.00	0.03813999
Preferred	$0.00	0
Common	$52,242,359.51	0.09850000

Compounding Rule

AFUDC Monthly
CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$11,616,445.43	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.01990793	0.00165215
Equity	0.00649345	0.00054039
CPI	0.03473781	0.00289482

Calculate

Accept

ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION
CWIP Balances for the month of December 2019 Rates
Based Upon PP CWIP Balance for the month of November 2019

Input the CWIP Balance from Final Acct Recon Query

Input the CWIP Balance from Pwr Plt AFUDC Rate Calculation Worksheet

		CWIP BALANCE		CWIP Base for AFUDC	ADJ. CWIP BALANCE
KINGSPORT DISTR.	230	9,126,913.34			
KINGSPORT TRANS.	260	4,210,254.13			
TOTAL		**13,337,167.47**		13,337,167.47	0.00

	INITIALS	DATE
PREPARED	[illegible]	12/17/19
CHECKED	[illegible]	12/20/19
REVIEWED		

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: KGPCo Transm AFUDC Month: 12/2019 Cancel

CWIP Balance $13,337,167.47 Re-Calc CWIP

Input Adj

Total $13,337,167.47 Kingsport Power Comt

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$50,000,000.00	0.03813999
Preferred	$0.00	0
Common	$52,242,359.51	0.10350000

Compounding Rule

AFUDC Monthly

CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$11,616,445.43	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.01990793	0.00165215
Equity	0.00682306	0.00056778
CPI	0.03473781	0.00289482

Calculate

Accept

Summary of Financing Rates for AFUDC Calculation
December 2019

				Preferred			Common			
	LTD Balance	Interest	Rate	Balance	Interest	Rate	Balance	Rate	Short Term Debt	Rate
Kingsport - Distr - BU 230	39,700,000.00	126,179.79	0.03813999	-	-	#DIV/0!	12,650,184.63	0.09850000	45,637,026.29	0.02009400
Kingsport - Transm - BU 260	10,300,000.00	32,736.84	0.03814001	-	-	#DIV/0!	39,592,174.89	0.10350000	(34,020,580.86)	0.02009400
Total Company	**50,000,000.00**	**158,916.63**	**0.03813999**	**-**	**-**	**#DIV/0!**	**52,242,359.51**	**0.00000000**	**11,616,445.43**	**0.02009400**

ROE confirmed by Chris Duffy on 1/12/18
ROE to change from 10.49 to 10.35 was confirmed by Rod Giffin on 4/16/18
Kgspt - Transmission changed from 10.20% to 10.49% effective 1/2018
Effective September 2016 - CWIP balance is no longer being reduced by 47% per Jeff Brubaker and Tom Mitchell

Kingsport Power Co - Trans
AFUDC Calculation

	Balance	Rate
Long Term Debt	**10,300,000.00**	**0.03814001**
Preferred	**0.00**	**0.00000000**
Common	**39,592,174.89**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

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Kingsport Power Co - Trans

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2230000	Advances from Associated Co		10,300,000.00	0.00	10,300,000.00
	Long Term Debt	BL	**10,300,000.00**	0.00	**10,300,000.00**
	Unamortized Debt Expense	BA	**0.00**	0.00	**0.00**
	Unamortized Loss Reacquired Debt	BA	**0.00**	0.00	**0.00**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**10,300,000.00**	0.00	**10,300,000.00**
4300001	Interest Exp - Assoc Non-CBP		(360,567.41)	(32,736.84)	(393,304.25)
	Interest on Long Term Debt	IS	(360,567.41)	**(32,736.84)**	(393,304.25)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2010001	Common Stock Issued-Affiliated		577,393.95	0.00	577,393.95
2080000	Donations Recvd from Stckhldrs		2,536,487.06	0.00	2,536,487.06
2160001	Unapprp Retnd Erngs-Unrstrictd		28,933,321.58	0.00	28,933,321.58
	TOTAL PROPRIETARY CAPITAL		32,047,202.59	0.00	32,047,202.59
	NET INCOME (LOSS)	RE	**5,414,821.70**	2,130,150.60	**7,544,972.30**
	Common Shareholders' Equity	BL	**37,462,024.29**	2,130,150.60	**39,592,174.89**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**37,462,024.29**	2,130,150.60	**39,592,174.89**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		407,686.83	32,599.10	440,285.93
4310007	Lines Of Credit		(2,788.48)	(684.31)	(3,472.79)
	Interest on Short Term Debt	IS	404,898.35	**31,914.79**	436,813.14

LTD Rate	10,300,000.00	32,736.84	0.03814001
Preferred Rate	0.00	0.00	0.00000000
Common	39,592,174.89		
STD Rate	0.00		

	0.00		
	0.00		
	0.00	-31,914.79	0.00000000

IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

Posted Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
260	IA-260	I00260	477	11/1/2019	0.00006022728%	2.1682%	$33,781,535.69	$2,034.57	$2,048.98
260	IA-260	I00260	477	11/2/2019	0.00006022720%	2.1682%	$33,783,570.26	$2,034.69	
260	IA-260	I00260	477	11/3/2019	0.00006022713%	2.1682%	$33,785,604.95	$2,034.81	
260	IA-260	I00260	477	11/4/2019	0.00005989019%	2.1560%	$33,981,357.94	$2,035.15	$6,104.07
260	IA-260	I00260	477	11/5/2019	0.00005961382%	2.1461%	$33,980,205.83	$2,025.69	$2,035.15
260	IA-260	I00260	477	11/6/2019	0.00005929585%	2.1346%	$34,025,990.23	$2,017.60	$2,025.69
260	IA-260	I00260	477	11/7/2019	0.00005855179%	2.1079%	$34,017,065.45	$1,991.76	$2,017.60
260	IA-260	I00260	477	11/8/2019	0.00005716183%	2.0578%	$34,012,905.36	$1,944.24	$1,991.76
260	IA-260	I00260	477	11/9/2019	0.00005716180%	2.0578%	$34,014,849.60	$1,944.35	
260	IA-260	I00260	477	11/10/2019	0.00005716177%	2.0578%	$34,016,793.95	$1,944.46	
260	IA-260	I00260	477	11/11/2019	0.00005716173%	2.0578%	$34,018,738.41	$1,944.57	
260	IA-260	I00260	477	11/12/2019	0.00005680773%	2.0451%	$34,012,801.40	$1,932.19	$7,777.62
260	IA-260	I00260	477	11/13/2019	0.00005578259%	2.0082%	$34,014,733.59	$1,897.43	$1,932.19
260	IA-260	I00260	477	11/14/2019	0.00005547248%	1.9970%	$34,000,826.19	$1,886.11	$1,897.43
260	IA-260	I00260	477	11/15/2019	0.00005460109%	1.9656%	$34,002,620.89	$1,856.58	$1,886.11
260	IA-260	I00260	477	11/16/2019	0.00005460104%	1.9656%	$34,004,477.47	$1,856.68	
260	IA-260	I00260	477	11/17/2019	0.00005460100%	1.9656%	$34,006,334.15	$1,856.78	
260	IA-260	I00260	477	11/18/2019	0.00005410768%	1.9479%	$34,003,859.94	$1,839.87	$5,570.04
260	IA-260	I00260	477	11/19/2019	0.00005392264%	1.9412%	$34,004,454.36	$1,833.61	$1,839.87
260	IA-260	I00260	477	11/20/2019	0.00005385044%	1.9386%	$34,006,223.34	$1,831.25	$1,833.61
260	IA-260	I00260	477	11/21/2019	0.00005337769%	1.9216%	$34,001,284.28	$1,814.91	$1,831.25
260	IA-260	I00260	477	11/22/2019	0.00005346782%	1.9248%	$34,106,681.81	$1,823.61	$1,814.91
260	IA-260	I00260	477	11/23/2019	0.00005346790%	1.9248%	$34,108,505.42	$1,823.71	
260	IA-260	I00260	477	11/24/2019	0.00005346797%	1.9248%	$34,110,329.13	$1,823.81	
260	IA-260	I00260	477	11/25/2019	0.00005340042%	1.9224%	$34,091,868.71	$1,820.52	$5,471.13
260	IA-260	I00260	477	11/26/2019	0.00005340027%	1.9224%	$34,056,758.48	$1,818.64	$1,820.52
260	IA-260	I00260	477	11/27/2019	0.00005340027%	1.9224%	$34,006,947.18	$1,815.98	$1,818.64
260	IA-260	I00260	477	11/28/2019	0.00005340035%	1.9224%	$34,008,763.16	$1,816.08	
260	IA-260	I00260	477	11/29/2019	0.00005336120%	1.9210%	$34,324,753.50	$1,831.61	$3,632.06
260	IA-260	I00260	477	11/30/2019	0.00005336126%	1.9210%	$34,326,585.11	$1,831.71	
						2.0094%	**$34,020,580.86**	**$56,962.97**	**$55,348.63**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Investor

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.

Kingsport Power Co - Dist
AFUDC Calculation

	Balance	Rate
Long Term Debt	**39,700,000.00**	**0.03813999**
Preferred	**0.00**	**0.00000000**
Common	**12,650,184.63**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

230

Kingsport Power Co - Dist

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2230000	Advances from Associated Co		39,700,000.00	0.00	39,700,000.00
	Long Term Debt	BL	**39,700,000.00**	0.00	**39,700,000.00**
	Unamortized Debt Expense	BA	**0.00**	0.00	**0.00**
	Unamortized Loss Reacquired Debt	BA	**0.00**	0.00	**0.00**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**39,700,000.00**	0.00	**39,700,000.00**
4300001	Interest Exp - Assoc Non-CBP		(1,387,978.10)	(126,179.79)	(1,514,157.89)
	Interest on Long Term Debt	IS	(1,387,978.10)	**(126,179.79)**	(1,514,157.89)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2010001	Common Stock Issued-Affiliated		3,522,606.05	0.00	3,522,606.05
2080000	Donations Recvd from Stckhldrs		25,263,512.94	0.00	25,263,512.94
2160001	Unapprp Retnd Erngs-Unrstrictd		(12,315,937.98)	0.00	(12,315,937.98)
	TOTAL PROPRIETARY CAPITAL		16,470,181.01	0.00	16,470,181.01
	NET INCOME (LOSS)	RE	**(1,859,847.86)**	(1,960,148.52)	**(3,819,996.38)**
	Common Shareholders' Equity	BL	**14,610,333.15**	(1,960,148.52)	**12,650,184.63**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**14,610,333.15**	(1,960,148.52)	**12,650,184.63**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		(542,783.14)	(49,475.62)	(592,258.76)
4310007	Lines Of Credit		(35,049.21)	(3,573.78)	(38,622.99)
	Interest on Short Term Debt	IS	(577,832.35)	**(53,049.40)**	(630,881.75)

LTD Rate	39,700,000.00	126,179.79	0.03813999
Preferred Rate	0.00	0.00	0.00000000
Common	12,650,184.63		
STD Rate	0.00		

	0.00		
	0.00		
	0.00	53,049.40	0.00000000

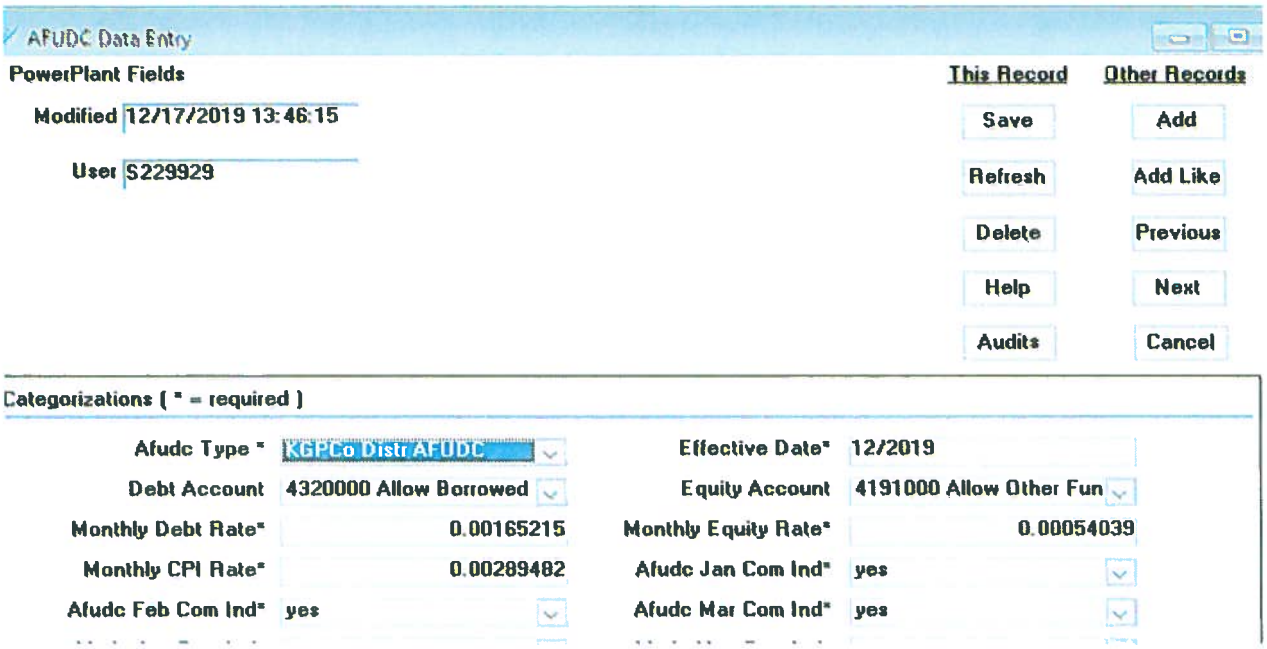
IAA Interest Report

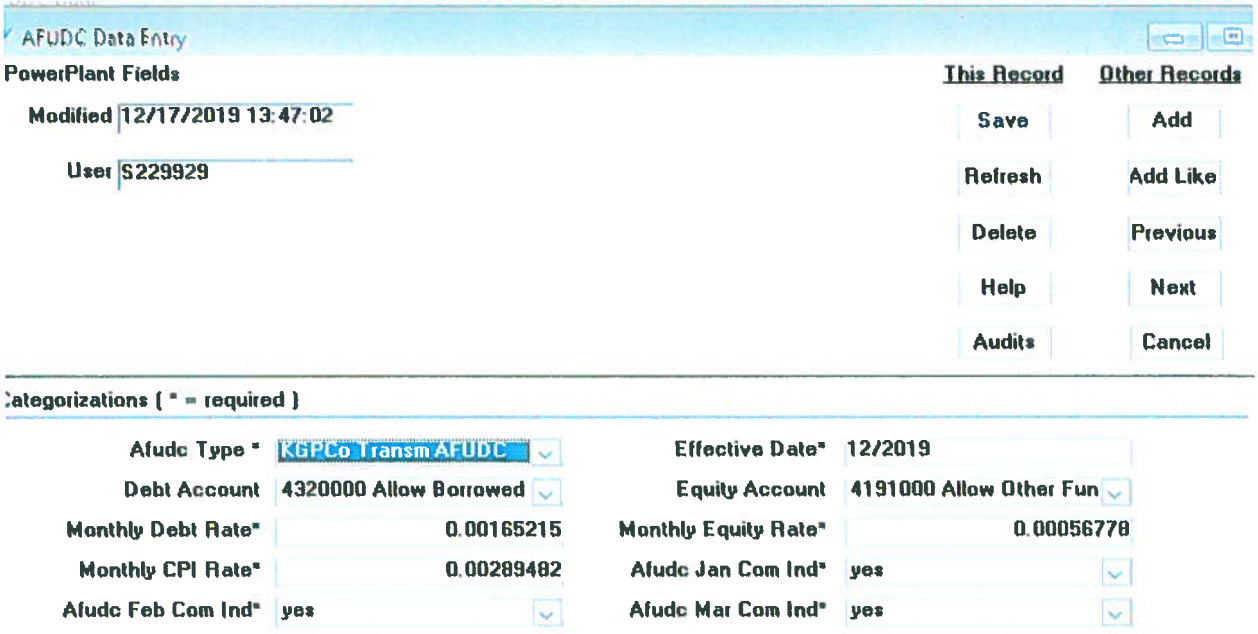
Calculated Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

Posted Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
230	IA-230	I00260	466	11/1/2019	0.00006022712%	2.1682%	$-47,723,351.27	$-2,874.24	$-2,881.04
230	IA-230	I00260	466	11/2/2019	0.00006022726%	2.1682%	$-47,726,225.51	$-2,874.42	
230	IA-230	I00260	466	11/3/2019	0.00006022720%	2.1682%	$-47,729,099.93	$-2,874.59	
230	IA-230	I00260	466	11/4/2019	0.00005989009%	2.1560%	$-48,456,594.02	$-2,902.07	$-8,623.25
230	IA-230	I00260	466	11/5/2019	0.00005961384%	2.1461%	$-45,409,256.63	$-2,707.02	$-2,902.07
230	IA-230	I00260	466	11/6/2019	0.00005929577%	2.1346%	$-44,539,939.79	$-2,641.03	$-2,707.02
230	IA-230	I00260	466	11/7/2019	0.00005855173%	2.1079%	$-44,478,445.47	$-2,604.29	$-2,641.03
230	IA-230	I00260	466	11/8/2019	0.00005716166%	2.0578%	$-44,289,653.65	$-2,531.67	$-2,604.29
230	IA-230	I00260	466	11/9/2019	0.00005716178%	2.0578%	$-44,292,185.32	$-2,531.82	
230	IA-230	I00260	466	11/10/2019	0.00005716167%	2.0578%	$-44,294,717.14	$-2,531.96	
230	IA-230	I00260	466	11/11/2019	0.00005716179%	2.0578%	$-44,297,249.10	$-2,532.11	
230	IA-230	I00260	466	11/12/2019	0.00005680767%	2.0451%	$-43,393,966.01	$-2,465.11	$-10,127.56
230	IA-230	I00260	466	11/13/2019	0.00005578249%	2.0082%	$-42,074,675.98	$-2,347.03	$-2,465.11
230	IA-230	I00260	466	11/14/2019	0.00005547247%	1.9970%	$-43,067,127.67	$-2,389.04	$-2,347.03
230	IA-230	I00260	466	11/15/2019	0.00005460107%	1.9656%	$-42,809,785.99	$-2,337.46	$-2,389.04
230	IA-230	I00260	466	11/16/2019	0.00005460112%	1.9656%	$-42,812,123.45	$-2,337.59	
230	IA-230	I00260	466	11/17/2019	0.00005460094%	1.9656%	$-42,814,461.04	$-2,337.71	
230	IA-230	I00260	466	11/18/2019	0.00005410759%	1.9479%	$-40,972,996.69	$-2,216.95	$-7,012.76
230	IA-230	I00260	466	11/19/2019	0.00005392257%	1.9412%	$-40,786,446.22	$-2,199.31	$-2,216.95
230	IA-230	I00260	466	11/20/2019	0.00005385058%	1.9386%	$-40,593,246.31	$-2,185.97	$-2,199.31
230	IA-230	I00260	466	11/21/2019	0.00005337760%	1.9216%	$-48,738,796.09	$-2,601.56	$-2,185.97
230	IA-230	I00260	466	11/22/2019	0.00005346786%	1.9248%	$-48,903,583.60	$-2,614.77	$-2,601.56
230	IA-230	I00260	466	11/23/2019	0.00005346786%	1.9248%	$-48,906,198.37	$-2,614.91	
230	IA-230	I00260	466	11/24/2019	0.00005346787%	1.9248%	$-48,908,813.28	$-2,615.05	
230	IA-230	I00260	466	11/25/2019	0.00005340022%	1.9224%	$-49,036,685.49	$-2,618.57	$-7,844.73
230	IA-230	I00260	466	11/26/2019	0.00005340038%	1.9224%	$-48,961,074.31	$-2,614.54	$-2,618.57
230	IA-230	I00260	466	11/27/2019	0.00005340030%	1.9224%	$-47,253,671.37	$-2,523.36	$-2,614.54
230	IA-230	I00260	466	11/28/2019	0.00005340019%	1.9224%	$-47,256,194.73	$-2,523.49	
230	IA-230	I00260	466	11/29/2019	0.00005336108%	1.9210%	$-49,290,797.00	$-2,630.21	$-5,046.85
230	IA-230	I00260	466	11/30/2019	0.00005336107%	1.9210%	$-49,293,427.21	$-2,630.35	
						2.0094%	$-45,637,026.29	$-76,408.20	$-74,028.68
						Avg Rate	Avg Daily Balance	Total Calculated	Total Posted

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/17/2019 13:46:15
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * KGPCo Distr AFUDC
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00165215
Monthly Equity Rate* 0.00054039
Monthly CPI Rate* 0.00289482
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/17/2019 13:47:02
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * KGPCo Transm AFUDC
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00165215
Monthly Equity Rate* 0.00056778
Monthly CPI Rate* 0.00289482
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: OPCo Distr AFUDC Month: 12/2019 Cancel

CWIP Balance $566,127,846.67 Re-Calc CWIP
Input Adj ($101,239,964.25)
Total $464,887,882.42 Ohio Power Combined

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$1,662,282,459.79	0.05491710
Preferred	$0.00	0
Common	$2,291,509,264.62	0.10200000

Compounding Rule

AFUDC	Monthly
CPI	Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$52,298,805.33	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02275176	0.00188706
Equity	0.05246595	0.00432512
CPI	0.05385491	0.00448791

Calculate Accept

ALLOWANCE FOR FUNDS USED DURING CONSTRUCTION
CWIP Balances for the month of December 2019 Rates
Based Upon PP CWIP Balance for the month of November 2019

Input the CWIP Balance from Final Acct Recon Query

Input the CWIP Balance from Pwr Plt AFUDC Rate Calculation Worksheet

		CWIP BALANCE		CWIP Base for AFUDC	ADJ. CWIP BALANCE
OHIO POWER DISTR	250	280,610,111.21			
OHIO POWER TRANS	160	184,277,771.21			
OPCO Wires Total		**464,887,882.42**			
AEP Gen Resources	181	95,306,670.34			
PPA Plants	420	5,933,293.91			
					0.00
Total Ohio Combined		**566,127,846.67**		566,127,846.67	(0.00)
AGR/PPA Total		101,239,964.25			
Ohio (D&T) Total		464,887,882.42			

INITIALS DATE
PREPARED HH 12/17/19
CHECKED HKP 12/23/19
REVIEWED _____ _____

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: OPCo Transm AFUDC Month: 12/2019 Cancel

CWIP Balance $566,127,846.67 Re-Calc CWIP
Input Adj ($101,239,964.25)
Total $464,887,882.42 Ohio Power Combined

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$1,662,282,459.79	0.05491710
Preferred	$0.00	0
Common	$2,291,509,264.62	0.10350000

Compounding Rule

AFUDC	Monthly
CPI	Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$52,298,805.33	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02275176	0.00188706
Equity	0.05323750	0.00438804
CPI	0.05385491	0.00448791

Calculate

Accept

Summary of Financing Rates for AFUDC Calculation
December 2019

	LTD Balance	Interest	Rate	Preferred Balance	Interest	Rate	Common Balance	Rate	Short Term Debt	Rate
Ohio Power - Distr - BU 250	1,115,761,846.66	5,065,614.37	0.05448060	-	-	#DIV/0!	1,826,144,174.36	0.10200000	(224,643,975.76)	0.02009400
Ohio Power - Transm - BU 160	546,520,613.13	2,541,690.00	0.05580811	-	-	#DIV/0!	465,365,090.27	0.10350000	276,942,781.09	0.02009400
Grand total	**1,662,282,459.79**	**7,607,304.37**	**0.0549171**	**-**	**-**	**#DIV/0!**	**2,291,509,264.62**	**0.00000000**	**52,298,805.33**	**0.02009400**

ROE confirmed by Chris Duffy on 1/12/18

From Thomas Mitchell 12/22/2011 . Merged Company ROE Rate for the equity portion of AFUDC calculation for Distribution use 10.2% page 5, paragraph K. Generation uses CPI.

ROE to change from 10.49 to 10.35 was confirmed by Rod Giffin on 4/16/18
ROE changed from 11.49% to 10.49% in January 2017 per Thomas Mitchell for Ohio Power - Transmission only

Ohio Power Co - Distribution
AFUDC Calculation

	Balance	Rate
Long Term Debt	**1,115,761,846.66**	**0.05448060**
Preferred	**0.00**	**0.00000000**
Common	**1,826,144,174.36**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

250

Ohio Power Co - Distribution

AFUDC Calculation

2018-12-31

Long Term Debt

Account	Description		Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
2220001	IPCs - Reaquired		(345,400,000.00)	0.00	(345,400,000.00)
2240002	Installment Purchase Contracts		377,645,000.00	0.00	377,645,000.00
2240006	Senior Unsecured Notes		1,126,653,000.00	(29,073,000.00)	1,097,580,000.00
2240022	Groveport Facility Lease-LT		963,920.51	(7,899.34)	956,021.17
2240508	Groveport Facility Lease-Curr		85,342.87	341.22	85,684.09
2260006	Unam Disc LTD-Dr-Sr Unsec Note		(4,125,297.50)	130,927.08	(3,994,370.42)
	Long Term Debt	BL	**1,155,821,965.88**	(28,949,631.04)	**1,126,872,334.84**
1810006	Unamort Debt Exp - Sr Unsec Nt		(5,817,758.55)	189,358.33	(5,628,400.22)
	Unamortized Debt Expense	BA	**(5,817,758.55)**	189,358.33	**(5,628,400.22)**
1890001	Loss Recqd Debt - FMB		(3,032,403.57)	60,289.54	(2,972,114.03)
1890002	Loss Rec Debt-Ins Purch Cont		(194,076.45)	3,048.47	(191,027.98)
1890004	Loss Rec Debt-Debentures		(1,235,967.00)	24,719.34	(1,211,247.66)

1890006	Loss Rec Debt-Sen Unsec Notes		(1,113,340.66)	5,642.37	(1,107,698.29)
	Unamortized Loss Reacquired Debt	BA	**(5,575,787.68)**	93,699.72	**(5,482,087.96)**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**1,144,428,419.65**	(28,666,572.99)	**1,115,761,846.66**
4270002	Int on LTD - Install Pur Contr		(6,369,983.77)	(680,144.11)	(7,050,127.88)
4270006	Int on LTD - Sen Unsec Notes		(56,445,794.69)	(4,910,042.26)	(61,355,836.95)
4270202	Int on LTD - Inst Pur C Contra		4,702,426.80	524,572.00	5,226,998.80
	Interest on Long Term Debt	IS	(58,113,351.66)	**(5,065,614.37)**	(63,178,966.03)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2010001	Common Stock Issued-Affiliated		222,390,224.86	0.00	222,390,224.86
2080000	Donations Recvd from Stckhldrs		489,582,156.90	0.00	489,582,156.90
2100000	Gain Rsle/Cancl Req Cap Stock		2,116,635.64	0.00	2,116,635.64
2110018	DSIT Apportionment Adj.		(3,140,145.45)	0.00	(3,140,145.45)
2160001	Unapprp Retnd Erngs-Unrstrictd		1,107,488,262.15	0.00	1,107,488,262.15
2161001	Unap Undist Consol Sub Erng		4,915,703.46	0.00	4,915,703.46
2190015	Accum OCI-Hdg-CF-Int Rate		0.00	0.00	0.00
2190016	Accum OCI-Hdg-CF-For Exchg		0.00	0.00	0.00
4380001	Div Declrd - Common Stk - Asso		(252,834,813.28)	0.00	(252,834,813.28)
	TOTAL PROPRIETARY CAPITAL		1,570,518,024.28	0.00	1,570,518,024.28
	NET INCOME (LOSS)	RE	**237,186,048.52**	23,355,805.02	**260,541,853.54**
	Common Shareholders' Equity	BL	**1,807,704,072.80**	23,355,805.02	**1,831,059,877.82**
	Unapprp Undistrbutd Sub Erngs	RE	(4,915,703.46)	0.00	(4,915,703.46)
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**1,802,788,369.34**	23,355,805.02	**1,826,144,174.36**

Short Term Debt

Account	Description

	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		3,816,527.35	609,251.45	4,425,778.80
4310007	Lines Of Credit		(523,819.87)	(51,127.38)	(574,947.25)
	Interest on Short Term Debt	IS	3,292,707.48	**558,124.07**	3,850,831.55

LTD Rate	1,115,761,846.66	5,065,614.37	0.05448060
Preferred Rate	0.00	0.00	0.00000000
Common	1,826,144,174.36		
STD Rate	0.00		
	0.00		
	0.00		
	0.00	-558,124.07	0.00000000

IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

Posted Interest Date Range
From: 11/1/2019 **To:** 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
250	IA-250	I00260	493	11/1/2019	0.00006022721%	2.1682%	$223,306,556.21	$13,449.13	$13,437.43
250	IA-250	I00260	493	11/2/2019	0.00006022721%	2.1682%	$223,320,005.34	$13,449.94	
250	IA-250	I00260	493	11/3/2019	0.00006022721%	2.1682%	$223,333,455.28	$13,450.75	
250	IA-250	I00260	493	11/4/2019	0.00005989007%	2.1560%	$170,337,600.09	$10,201.53	$40,349.82
250	IA-250	I00260	493	11/5/2019	0.00005961390%	2.1461%	$180,858,142.21	$10,781.66	$10,201.53
250	IA-250	I00260	493	11/6/2019	0.00005929578%	2.1346%	$253,571,649.42	$15,035.73	$10,781.66
250	IA-250	I00260	493	11/7/2019	0.00005855177%	2.1079%	$252,399,199.56	$14,778.42	$15,035.73
250	IA-250	I00260	493	11/8/2019	0.00005716174%	2.0578%	$246,470,434.72	$14,088.68	$14,778.42
250	IA-250	I00260	493	11/9/2019	0.00005716172%	2.0578%	$246,484,523.40	$14,089.48	
250	IA-250	I00260	493	11/10/2019	0.00005716174%	2.0578%	$246,498,612.88	$14,090.29	
250	IA-250	I00260	493	11/11/2019	0.00005716172%	2.0578%	$246,512,703.17	$14,091.09	
250	IA-250	I00260	493	11/12/2019	0.00005680763%	2.0451%	$230,847,495.03	$13,113.90	$56,359.54
250	IA-250	I00260	493	11/13/2019	0.00005578250%	2.0082%	$234,213,975.68	$13,065.04	$13,113.90
250	IA-250	I00260	493	11/14/2019	0.00005547249%	1.9970%	$249,597,432.22	$13,845.79	$13,065.04
250	IA-250	I00260	493	11/15/2019	0.00005460106%	1.9656%	$249,868,951.43	$13,643.11	$13,845.79
250	IA-250	I00260	493	11/16/2019	0.00005460104%	1.9656%	$249,882,594.54	$13,643.85	
250	IA-250	I00260	493	11/17/2019	0.00005460106%	1.9656%	$249,896,238.39	$13,644.60	
250	IA-250	I00260	493	11/18/2019	0.00005410770%	1.9479%	$249,020,919.54	$13,473.95	$40,931.56
250	IA-250	I00260	493	11/19/2019	0.00005392253%	1.9412%	$240,209,443.76	$12,952.70	$13,473.95
250	IA-250	I00260	493	11/20/2019	0.00005385049%	1.9386%	$224,877,980.04	$12,109.79	$12,952.70
250	IA-250	I00260	493	11/21/2019	0.00005337767%	1.9216%	$228,593,915.65	$12,201.81	$12,109.79
250	IA-250	I00260	493	11/22/2019	0.00005346794%	1.9248%	$194,598,302.56	$10,404.77	$12,201.81
250	IA-250	I00260	493	11/23/2019	0.00005346791%	1.9248%	$194,608,707.33	$10,405.32	
250	IA-250	I00260	493	11/24/2019	0.00005346792%	1.9248%	$194,619,112.65	$10,405.88	
250	IA-250	I00260	493	11/25/2019	0.00005340029%	1.9224%	$206,358,425.21	$11,019.60	$31,215.97
250	IA-250	I00260	493	11/26/2019	0.00005340031%	1.9224%	$205,517,169.07	$10,974.68	$11,019.60
250	IA-250	I00260	493	11/27/2019	0.00005340030%	1.9224%	$226,212,032.21	$12,079.79	$10,974.68
250	IA-250	I00260	493	11/28/2019	0.00005340028%	1.9224%	$226,224,112.00	$12,080.43	
250	IA-250	I00260	493	11/29/2019	0.00005336114%	1.9210%	$185,534,841.44	$9,900.35	$24,160.22
250	IA-250	I00260	493	11/30/2019	0.00005336115%	1.9210%	$185,544,741.79	$9,900.88	
						2.0094%	**$224,643,975.76**	**$376,372.94**	**$370,009.14**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Investor

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.

Ohio Power Co - Transmission
AFUDC Calculation

	Balance	Rate
Long Term Debt	**546,520,613.13**	**0.05580811**
Preferred	**0.00**	**0.00000000**
Common	**465,365,090.27**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

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Ohio Power Co - Transmission

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2240006	Senior Unsecured Notes		523,347,000.00	29,073,000.00	552,420,000.00
2260006	Unam Disc LTD-Dr-Sr Unsec Note		(1,916,261.83)	(94,133.85)	(2,010,395.68)
	Long Term Debt	BL	**521,430,738.17**	28,978,866.15	**550,409,604.32**
1810006	Unamort Debt Exp - Sr Unsec Nt		(2,702,434.99)	(130,379.79)	(2,832,814.78)
	Unamortized Debt Expense	BA	**(2,702,434.99)**	(130,379.79)	**(2,832,814.78)**
1890001	Loss Recqd Debt - FMB		(490,943.53)	9,118.68	(481,824.85)
1890002	Loss Rec Debt-Ins Purch Cont		(90,117.13)	1,306.48	(88,810.65)
1890006	Loss Rec Debt-Sen Unsec Notes		(487,959.07)	2,418.16	(485,540.91)
	Unamortized Loss Reacquired Debt	BA	**(1,069,019.73)**	12,843.32	**(1,056,176.41)**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00

	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**517,659,283.45**	28,861,329.68	**546,520,613.13**
4270006	Int on LTD - Sen Unsec Notes		(28,846,594.33)	(2,541,690.00)	(31,388,284.33)
4300001	Interest Exp - Assoc Non-CBP		(35,838.81)	0.00	(35,838.81)
	Interest on Long Term Debt	IS	(28,882,433.14)	**(2,541,690.00)**	(31,424,123.14)

Preferred Equity

Account	**Description**				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	**Description**				
2010001	Common Stock Issued-Affiliated		98,811,229.14	0.00	98,811,229.14
2080000	Donations Recvd from Stckhldrs		351,113,163.21	0.00	351,113,163.21
2100000	Gain Rsle/Cancl Req Cap Stock		940,451.79	0.00	940,451.79
2110018	DSIT Apportionment Adj.		(1,831,050.00)	0.00	(1,831,050.00)
2160001	Unapprp Retnd Ernngs-Unrstrictd		36,028,574.31	0.00	36,028,574.31
4380001	Div Declrd - Common Stk - Asso		(84,665,186.72)	0.00	(84,665,186.72)
	TOTAL PROPRIETARY CAPITAL		400,397,181.73	0.00	400,397,181.73
	NET INCOME (LOSS)	RE	**58,734,894.39**	6,233,014.15	**64,967,908.54**
	Common Shareholders' Equity	BL	**459,132,076.12**	6,233,014.15	**465,365,090.27**
	Unapprp Undistrbutd Sub Ernngs	RE	0.00	0.00	0.00
	Equity Ernngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**459,132,076.12**	6,233,014.15	**465,365,090.27**

Short Term Debt

Account	**Description**				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4300003	Int to Assoc Co - CBP		(6,828,513.90)	(893,206.76)	(7,721,720.66)
4310007	Lines Of Credit		(72,709.28)	(20,106.65)	(92,815.93)
	Interest on Short Term Debt	IS	(6,901,223.18)	**(913,313.41)**	(7,814,536.59)

LTD Rate	546,520,613.13	2,541,690.00	0.05580811
Preferred Rate	0.00	0.00	0.00000000
Common	465,365,090.27		
STD Rate	0.00		
	0.00		
	0.00		
	0.00	913,313.41	0.00000000

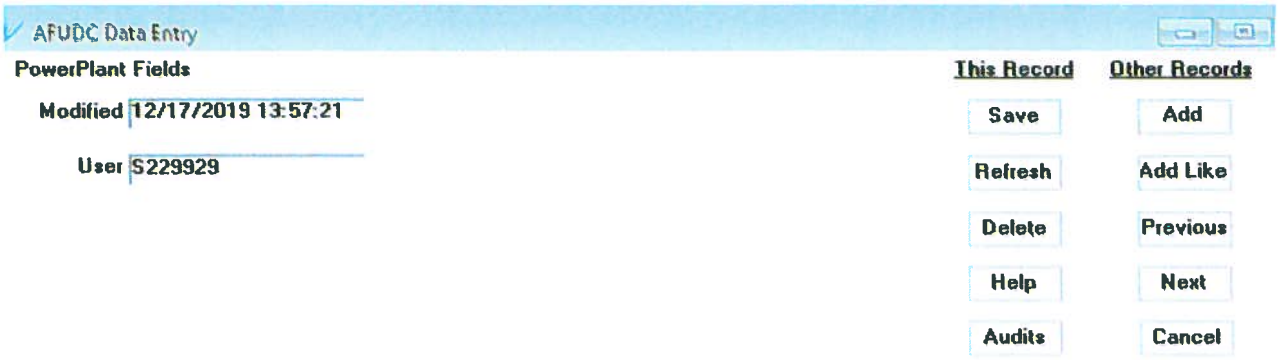
IAA Interest Report

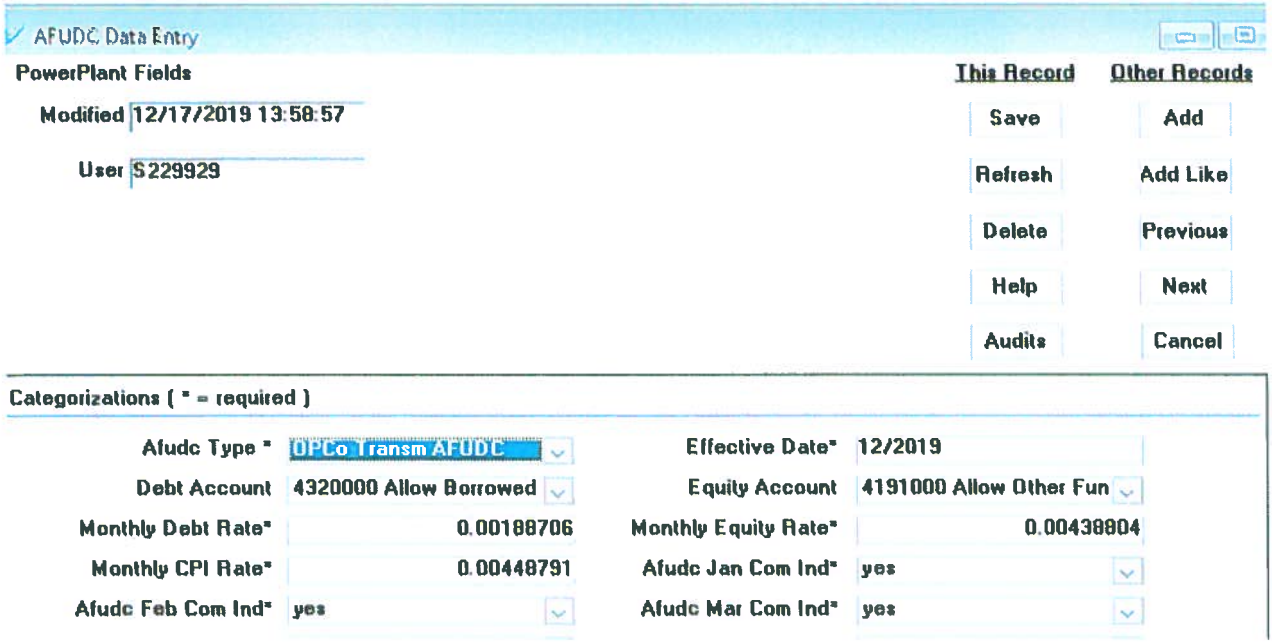
Calculated Interest Date Range
From: 11/1/2019 To: 11/30/2019

Posted Interest Date Range
From: 11/1/2019 To: 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
160	IA-160	I00260	411	11/1/2019	0.00006022721%	2.1682%	$-243,078,818.87	$-14,639.96	$-14,621.28
160	IA-160	I00260	411	11/2/2019	0.00006022721%	2.1682%	$-243,093,458.83	$-14,640.84	
160	IA-160	I00260	411	11/3/2019	0.00006022724%	2.1682%	$-243,108,099.67	$-14,641.73	
160	IA-160	I00260	411	11/4/2019	0.00005989002%	2.1560%	$-213,968,192.14	$-12,814.56	$-43,922.53
160	IA-160	I00260	411	11/5/2019	0.00005961393%	2.1461%	$-214,460,616.38	$-12,784.84	$-12,814.56
160	IA-160	I00260	411	11/6/2019	0.00005929577%	2.1346%	$-276,045,161.58	$-16,368.31	$-12,784.84
160	IA-160	I00260	411	11/7/2019	0.00005855178%	2.1079%	$-278,692,451.35	$-16,317.94	$-16,368.31
160	IA-160	I00260	411	11/8/2019	0.00005716175%	2.0578%	$-283,555,012.20	$-16,208.50	$-16,317.94
160	IA-160	I00260	411	11/9/2019	0.00005716172%	2.0578%	$-283,571,220.70	$-16,209.42	
160	IA-160	I00260	411	11/10/2019	0.00005716174%	2.0578%	$-283,587,430.12	$-16,210.35	
160	IA-160	I00260	411	11/11/2019	0.00005716175%	2.0578%	$-283,603,640.47	$-16,211.28	
160	IA-160	I00260	411	11/12/2019	0.00005680763%	2.0451%	$-284,604,913.41	$-16,167.73	$-64,839.55
160	IA-160	I00260	411	11/13/2019	0.00005578251%	2.0082%	$-284,887,520.64	$-15,891.74	$-16,167.73
160	IA-160	I00260	411	11/14/2019	0.00005547247%	1.9970%	$-285,535,868.63	$-15,839.38	$-15,891.74
160	IA-160	I00260	411	11/15/2019	0.00005460106%	1.9656%	$-287,346,259.23	$-15,689.41	$-15,839.38
160	IA-160	I00260	411	11/16/2019	0.00005460107%	1.9656%	$-287,361,948.64	$-15,690.27	
160	IA-160	I00260	411	11/17/2019	0.00005460105%	1.9656%	$-287,377,638.91	$-15,691.12	
160	IA-160	I00260	411	11/18/2019	0.00005410768%	1.9479%	$-287,755,826.00	$-15,569.80	$-47,070.80
160	IA-160	I00260	411	11/19/2019	0.00005392255%	1.9412%	$-288,333,539.84	$-15,547.68	$-15,569.80
160	IA-160	I00260	411	11/20/2019	0.00005385052%	1.9386%	$-288,564,133.73	$-15,539.33	$-15,547.68
160	IA-160	I00260	411	11/21/2019	0.00005337768%	1.9216%	$-289,337,622.43	$-15,444.17	$-15,539.33
160	IA-160	I00260	411	11/22/2019	0.00005346792%	1.9248%	$-292,425,435.34	$-15,635.38	$-15,444.17
160	IA-160	I00260	411	11/23/2019	0.00005346793%	1.9248%	$-292,441,070.72	$-15,636.22	
160	IA-160	I00260	411	11/24/2019	0.00005346791%	1.9248%	$-292,456,706.94	$-15,637.05	
160	IA-160	I00260	411	11/25/2019	0.00005340029%	1.9224%	$-292,982,488.73	$-15,645.35	$-46,908.65
160	IA-160	I00260	411	11/26/2019	0.00005340028%	1.9224%	$-293,831,591.91	$-15,690.69	$-15,645.35
160	IA-160	I00260	411	11/27/2019	0.00005340030%	1.9224%	$-294,836,923.85	$-15,744.38	$-15,690.69
160	IA-160	I00260	411	11/28/2019	0.00005340030%	1.9224%	$-294,852,668.23	$-15,745.22	
160	IA-160	I00260	411	11/29/2019	0.00005336114%	1.9210%	$-268,286,428.64	$-14,316.07	$-31,489.60
160	IA-160	I00260	411	11/30/2019	0.00005336116%	1.9210%	$-268,300,744.71	$-14,316.84	
						2.0094%	$-276,942,781.09	$-462,485.56	$-448,473.93
						Avg Rate	Avg Daily Balance	Total Calculated	Total Posted

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/17/2019 13:57:21
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * OPCo Distr AFUDC
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00188706
Monthly Equity Rate* 0.00432512
Monthly CPI Rate* 0.00448791
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/17/2019 13:58:57
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * OPCo Transm AFUDC
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00188706
Monthly Equity Rate* 0.00438804
Monthly CPI Rate* 0.00448791
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: WPCo Distr AFUDC Month: 12/2019 Cancel

CWIP Balance $16,507,609.37 Re-Calc CWIP
Input Adj
Total $16,507,609.37 Wheeling Power Comb

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$348,514,150.33	0.03546688
Preferred	$0.00	0
Common	$421,441,856.52	0.09750000

Compounding Rule

AFUDC Monthly
CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$52,328,192.69	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02009400	0.00166753
Equity	0	0
CPI	0.03346002	0.00278833

Calculate Accept

AEP will use the combined capital structure for WPCo. Currently WPCo -Bu 413-Generation Beginning March is available for March 2015 AFUDC Rate Calculation. AEP begins Distribution,Transmission & Generation capital structure for AFUDC rate calculation.

WPCo-GEN will be regulated in PowerPlant but for AFUDC purposes we'lll have a 82.5% regulated (AFUDC) and 17.5% unregulated (CPI) split for 5 years. AFUDC will be calculated at 100% then adjusted to 82.5 % AFUDC and 17.5% CPI. Accounting Implications May 26, 2015 Final Order established a new authorized ROE of 9.75%.

Allowance for Funds Used During Construction
CWIP Balances for the month of December 2019 Rates
Based Upon PP CWIP Balance for the month of November 2019

		Input the CWIP Balance from Final Acct Recon Query	Input the CWIP Balance from Pwr Plt AFUDC Rate Calculation Worksheet	
		CWIP BALANCE	CWIP Base for AFUDC	ADJ. CWIP BALANCE
WHEELING DISTR.	210	10,494,433.49		
WHEELING TRANS	200	2,314,203.82		
WHEELING GEN	413	3,698,972.06		
TOTAL		16,507,609.37	16,507,609.37	0.00

No Equity Rate since Short Term Debt Balance exceeds CWIP Balance

	INITIALS	DATE
PREPARED	AH	12/18/19
CHECKED	HHD	12/23/19
REVIEWED		

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: WPCo Transm AFUDC Month: 12/2019 Cancel

CWIP Balance $16,507,609.37 Re-Calc CWIP
Input Adj
Total $16,507,609.37 Wheeling Power Comt

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$348,514,150.33	0.03546688
Preferred	$0.00	0
Common	$421,441,856.52	0.09750000

Compounding Rule
AFUDC Monthly
CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$52,328,192.69	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02009400	0.00166753
Equity	0	0
CPI	0.03346002	0.00278833

Calculate

Accept

AEP will use the combined capital structure for WPCo. Currently WPCo -Bu 413-Generation Beginning March is available for March 2015 AFUDC Rate Calculation. AEP begins Distribution,Transmission & Generation capital structure for AFUDC rate calculation.

WPCo-GEN will be regulated in PowerPlant but for AFUDC purposes we'lll have a 82.5% regulated (AFUDC) and 17.5% unregulated (CPI) split for 5 years. AFUDC will be calculated at 100% then adjusted to 82.5 % AFUDC and 17.5% CPI.

Accounting Implications May 26, 2015 Final Order established a new authorized ROE of 9.75%.

AFUDC Rate Calculation Worksheet

Select:

AFUDC Type: WPCo Whsle AFUDC Month: 12/2019 Cancel

CWIP Balance $16,507,609.37 Re-Calc CWIP
Input Adj
Total $16,507,609.37 Wheeling Power Comt

Beginning Year Embedded Rates

	Balance	Rate
Long Term Debt	$348,514,150.33	0.03546688
Preferred	$0.00	0
Common	$421,441,856.52	0.09750000

Compounding Rule

AFUDC Monthly
CPI Monthly

Short Term Debt Monthly Avg

Month	Balance	Rate
12/2019	$52,328,192.69	0.02009400

	Nominal Annual Rate	Calculated Rate
Debt	0.02009400	0.00166753
Equity	0	0
CPI	0.03346002	0.00278833

Calculate Accept

1. Calculate AFUDC at the Full /100% AFUDC rates for Debt and Equity
2. After AFUDC is calculated at the full 100% AFUDC rates we will recalculated the AFUDC rates as shown below.
3. Property Accounting will then prepare a journal entry to booked the difference between the full AFUDC and the jurisdictional AFUDC debt/equity and cpi on journal id OAA015WPML.

WPCo-GEN will be regulated in PowerPlant but for AFUDC purposes we'lll have a 82.5% regulated (AFUDC) and 17.5% unregulated (CPI) split for 5 years. AFUDC will be calculated at 100% then adjusted to 82.5 % AFUDC and 17.5% CPI.

Accounting Implications May 26, 2015 Final Order established a new authorized ROE of 9.75%

From: David A Davis
Sent: Friday, 17 October, 2014 9:11 AM
Hi Fred – Once a final order is issued your questions should be addressed in an accounting implications memo. My understanding as of now is:

The Company should be set up as a regulated business in PowerPlant but for AFUDC purposes we'll have a 82.5% regulated and a 17.5% unregulated split for 5 years. So the calculation of AFUDC and Capital Interest will be similar to the calculation you are preparing for Turk plant for the 5 years . I hope we can figure out a way to mechanize the calculation. It makes sense to me to use the combined capital structure for the WPCo companies. After all, WPCo is one legal entity.

AFUDC	Calculated Rate	ALLOCATION FACTOR	DEBT	EQUITY
DEBT	0.00166753	0.82500000	0.00137571	
EQUITY	0.00000000	0.82500000		0.00000000
CPI	0.00278833	0.17500000	0.00048796	
Total			0.00186367	0.00000000

Summary of Financing Rates for AFUDC Calculation
December 2019

	LTD Balance	Interest	Rate	Preferred Balance	Interest	Rate	Common Balance	Rate	Short Term Debt	Rate
Wheeling - Distr - BU 210	54,310,002.75	165,919.00	0.03666043	-	-	0.00000000	63,117,588.27	**0.09750000**	36,111,886.24	0.02009400
Wheeling - Transm - BU 200	38,718,062.09	118,284.00	0.03666010	-	-	0.00000000	36,205,822.81	**0.09750000**	4,899,318.27	0.02009400
Wheeling - Gen - BU 413	255,486,085.49	745,856.00	0.03503233	-	-	0.00000000	322,118,445.45	**0.09750000**	11,316,988.18	0.02009400
Total Company	**348,514,150.33**	**1,030,059.00**	**0.03546688**	**-**	**-**	**0.00000000**	**421,441,856.52**	**0.09750000**	**52,328,192.69**	**0.02009400**

ROE confirmed by Jeff Brubaker 01/19/2016

Accounting Inplications of the May 26, 2015 Public Service Commission of West Virginia Final Orders in APCo and WPCo Case No. 14-1152-E-42T and 14-1151-E-D. The Final Order established a new authorized ROE of 9.75% for the West Virginia jurisdiction of APCo and for WPCo. Therefore effective June 1, 2015 Property Accounting (Janet Swanger, Manager) should use this new ROE of 9.75% to determine the West Virginia portion of the monthly calculation of APCo composite AFUDC rate and to determine WPCo's AFUDC rate.

AEP will use the combined capital structure for WPCo. Currently WPCo -Bu 413-Generation is not available for February 2015 AFUDC Rate Calculation. AEP will use Distribution and Transmission capital structure for the three WPCo companies until WPCo Generation is available.

NEW ROE 10.0% Effective 04/01/2011 Public Service Comission of West Virginia Final Order Case No. 10-0699-E-42T for WPCO and APCO.

History
Common Rate change per WV Retail, settled Case No. 05-1278-E-PC-PW-42T, July 28,2006 (from 12.0% to 10.5%).

Wheeling Power Co - Dist
AFUDC Calculation

	Balance	Rate
Long Term Debt	**54,310,002.75**	**0.03666043**
Preferred	**0.00**	**0.00000000**
Common	**63,117,588.27**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

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Wheeling Power Co - Dist

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2240006	Senior Unsecured Notes		54,506,250.00	0.00	54,506,250.00
	Long Term Debt	BL	**54,506,250.00**	0.00	**54,506,250.00**
1810002	Unamort Debt Exp - Inst Pur Cn		0.00	(7,302.76)	(7,302.76)
1810006	Unamort Debt Exp - Sr Unsec Nt		(191,726.49)	2,782.00	(188,944.49)
	Unamortized Debt Expense	BA	**(191,726.49)**	(4,520.76)	**(196,247.25)**
	Unamortized Loss Reacquired Debt	BA	**0.00**	0.00	**0.00**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**54,314,523.51**	(4,520.76)	**54,310,002.75**

4270006	Int on LTD - Sen Unsec Notes		(1,825,131.00)	(165,919.00)	(1,991,050.00)
	Interest on Long Term Debt	IS	(1,825,131.00)	**(165,919.00)**	(1,991,050.00)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2010001	Common Stock Issued-Affiliated		2,108,220.91	0.00	2,108,220.91
2080000	Donations Recvd from Stckhldrs		13,538,997.19	0.00	13,538,997.19
2160001	Unapprp Retnd Ernngs-Unrstrictd		49,087,612.61	0.00	49,087,612.61
2190007	OCI-Min Pen Liab FAS 158-OPEB		0.00	0.00	0.00
	TOTAL PROPRIETARY CAPITAL		64,734,830.71	0.00	64,734,830.71
	NET INCOME (LOSS)	RE	**(290,518.10)**	(1,326,724.35)	**(1,617,242.45)**
	Common Shareholders' Equity	BL	**64,444,312.61**	(1,326,724.35)	**63,117,588.27**
	Unapprp Undistrbutd Sub Ernngs	RE	0.00	0.00	0.00
	Equity Ernngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**64,444,312.61**	(1,326,724.35)	**63,117,588.27**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4310007	Lines Of Credit		(157,669.57)	(13,513.51)	(171,183.08)
	Interest on Short Term Debt	IS	(157,669.57)	**(13,513.51)**	(171,183.08)

LTD Rate	54,310,002.75	165,919.00	0.03666043
Preferred Rate	0.00	0.00	0.00000000
Common	63,117,588.27		

STD Rate	0.00		
	0.00		
	0.00		
	0.00	13,513.51	0.00000000

IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 To: 11/30/2019

Posted Interest Date Range
From: 11/1/2019 To: 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
210	IA-210	I00260	451	11/1/2019	0.00006022731%	2.1682%	$-22,201,723.95	$-1,337.15	$-1,309.45
210	IA-210	I00260	451	11/2/2019	0.00006022728%	2.1682%	$-22,203,061.10	$-1,337.23	
210	IA-210	I00260	451	11/3/2019	0.00006022726%	2.1682%	$-22,204,398.33	$-1,337.31	
210	IA-210	I00260	451	11/4/2019	0.00005989011%	2.1560%	$-46,991,062.03	$-2,814.30	$-4,011.69
210	IA-210	I00260	451	11/5/2019	0.00005961387%	2.1461%	$-44,781,024.13	$-2,669.57	$-2,814.30
210	IA-210	I00260	451	11/6/2019	0.00005929589%	2.1346%	$-41,062,039.25	$-2,434.81	$-2,669.57
210	IA-210	I00260	451	11/7/2019	0.00005855172%	2.1079%	$-40,899,223.45	$-2,394.72	$-2,434.81
210	IA-210	I00260	451	11/8/2019	0.00005716184%	2.0578%	$-40,366,618.28	$-2,307.43	$-2,394.72
210	IA-210	I00260	451	11/9/2019	0.00005716179%	2.0578%	$-40,368,925.71	$-2,307.56	
210	IA-210	I00260	451	11/10/2019	0.00005716174%	2.0578%	$-40,371,233.27	$-2,307.69	
210	IA-210	I00260	451	11/11/2019	0.00005716169%	2.0578%	$-40,373,540.96	$-2,307.82	
210	IA-210	I00260	451	11/12/2019	0.00005680765%	2.0451%	$-40,332,069.21	$-2,291.17	$-9,230.50
210	IA-210	I00260	451	11/13/2019	0.00005578243%	2.0082%	$-39,574,824.21	$-2,207.58	$-2,291.17
210	IA-210	I00260	451	11/14/2019	0.00005547258%	1.9970%	$-39,056,233.19	$-2,166.55	$-2,207.58
210	IA-210	I00260	451	11/15/2019	0.00005460094%	1.9656%	$-38,730,102.43	$-2,114.70	$-2,166.55
210	IA-210	I00260	451	11/16/2019	0.00005460106%	1.9656%	$-38,732,217.13	$-2,114.82	
210	IA-210	I00260	451	11/17/2019	0.00005460117%	1.9656%	$-38,734,331.95	$-2,114.94	
210	IA-210	I00260	451	11/18/2019	0.00005410761%	1.9479%	$-38,486,635.33	$-2,082.42	$-6,344.46
210	IA-210	I00260	451	11/19/2019	0.00005392257%	1.9412%	$-37,627,659.16	$-2,028.98	$-2,082.42
210	IA-210	I00260	451	11/20/2019	0.00005385061%	1.9386%	$-37,498,367.85	$-2,019.31	$-2,028.98
210	IA-210	I00260	451	11/21/2019	0.00005337770%	1.9216%	$-35,977,196.55	$-1,920.38	$-2,019.31
210	IA-210	I00260	451	11/22/2019	0.00005346800%	1.9248%	$-36,022,291.13	$-1,926.04	$-1,920.38
210	IA-210	I00260	451	11/23/2019	0.00005346792%	1.9248%	$-36,024,217.17	$-1,926.14	
210	IA-210	I00260	451	11/24/2019	0.00005346784%	1.9248%	$-36,026,143.31	$-1,926.24	
210	IA-210	I00260	451	11/25/2019	0.00005340021%	1.9224%	$-35,437,691.59	$-1,892.38	$-5,778.42
210	IA-210	I00260	451	11/26/2019	0.00005340043%	1.9224%	$-31,129,522.24	$-1,662.33	$-1,892.38
210	IA-210	I00260	451	11/27/2019	0.00005340033%	1.9224%	$-31,043,439.23	$-1,657.73	$-1,662.33
210	IA-210	I00260	451	11/28/2019	0.00005340038%	1.9224%	$-31,045,096.96	$-1,657.82	
210	IA-210	I00260	451	11/29/2019	0.00005336122%	1.9210%	$-30,027,047.85	$-1,602.28	$-3,315.55
210	IA-210	I00260	451	11/30/2019	0.00005336104%	1.9210%	$-30,028,650.13	$-1,602.36	
						2.0094%	**$-36,111,886.24**	**$-60,469.76**	**$-58,574.57**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.

Wheeling Power Co - Trans
AFUDC Calculation

	Balance	Rate
Long Term Debt	**38,718,062.09**	**0.03666010**
Preferred	**0.00**	**0.00000000**
Common	**36,205,822.81**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

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Wheeling Power Co - Trans

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2240006	Senior Unsecured Notes		38,856,900.00	0.00	38,856,900.00
	Long Term Debt	BL	**38,856,900.00**	0.00	**38,856,900.00**
1810002	Unamort Debt Exp - Inst Pur Cn		0.00	(4,174.60)	(4,174.60)
1810006	Unamort Debt Exp - Sr Unsec Nt		(136,648.31)	1,985.00	(134,663.31)
	Unamortized Debt Expense	BA	**(136,648.31)**	(2,189.60)	**(138,837.91)**
	Unamortized Loss Reacquired Debt	BA	**0.00**	0.00	**0.00**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**38,720,251.69**	(2,189.60)	**38,718,062.09**

4270006	Int on LTD - Sen Unsec Notes		(1,301,135.00)	(118,284.00)	(1,419,419.00)
4300001	Interest Exp - Assoc Non-CBP		(1,539.35)	0.00	(1,539.35)
	Interest on Long Term Debt	IS	(1,302,674.35)	**(118,284.00)**	(1,420,958.35)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2010001	Common Stock Issued-Affiliated		320,239.09	0.00	320,239.09
2080000	Donations Recvd from Stckhldrs		2,056,575.81	0.00	2,056,575.81
2160001	Unapprp Retnd Erngs-Unrstrictd		33,202,948.36	0.00	33,202,948.36
2190007	OCI-Min Pen Liab FAS 158-OPEB		0.00	0.00	0.00
4380001	Div Declrd - Common Stk - Asso		(19,911,455.90)	0.00	(19,911,455.90)
	TOTAL PROPRIETARY CAPITAL		15,668,307.36	0.00	15,668,307.36
	NET INCOME (LOSS)	RE	**16,673,974.26**	3,863,541.19	**20,537,515.45**
	Common Shareholders' Equity	BL	**32,342,281.62**	3,863,541.19	**36,205,822.81**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**32,342,281.62**	3,863,541.19	**36,205,822.81**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4310007	Lines Of Credit		(30,959.55)	(7,724.96)	(38,684.51)
	Interest on Short Term Debt	IS	(30,959.55)	**(7,724.96)**	(38,684.51)

LTD Rate	38,718,062.09	118,284.00	0.03666010
Preferred Rate	0.00	0.00	0.00000000

Common	36,205,822.81		
STD Rate	0.00		
	0.00		
	0.00		
	0.00	7,724.96	0.00000000

IAA Interest Report

Calculated Interest Date Range
From: 11/1/2019 To: 11/30/2019

Posted Interest Date Range
From: 11/1/2019 To: 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
200	IA-200	I00260	444	11/1/2019	0.00006022828%	2.1682%	$-4,052,415.36	$-244.07	$-244.50
200	IA-200	I00260	444	11/2/2019	0.00006022712%	2.1682%	$-4,052,659.43	$-244.08	
200	IA-200	I00260	444	11/3/2019	0.00006022843%	2.1682%	$-4,052,903.51	$-244.10	
200	IA-200	I00260	444	11/4/2019	0.00005987687%	2.1560%	$-342,536.26	$-20.51	$-732.25
200	IA-200	I00260	444	11/5/2019	0.00005960834%	2.1461%	$-342,569.50	$-20.42	$-20.51
200	IA-200	I00260	444	11/6/2019	0.00005928768%	2.1346%	$-319,965.29	$-18.97	$-20.42
200	IA-200	I00260	444	11/7/2019	0.00005853783%	2.1079%	$-323,893.14	$-18.96	$-18.97
200	IA-200	I00260	444	11/8/2019	0.00005715669%	2.0578%	$-338,368.07	$-19.34	$-18.96
200	IA-200	I00260	444	11/9/2019	0.00005715343%	2.0578%	$-338,387.41	$-19.34	
200	IA-200	I00260	444	11/10/2019	0.00005715016%	2.0578%	$-338,406.75	$-19.34	
200	IA-200	I00260	444	11/11/2019	0.00005717644%	2.0578%	$-338,426.09	$-19.35	
200	IA-200	I00260	444	11/12/2019	0.00005680504%	2.0451%	$-343,455.44	$-19.51	$-77.37
200	IA-200	I00260	444	11/13/2019	0.00005577473%	2.0082%	$-343,883.36	$-19.18	$-19.51
200	IA-200	I00260	444	11/14/2019	0.00005547444%	1.9970%	$-502,033.04	$-27.85	$-19.18
200	IA-200	I00260	444	11/15/2019	0.00005461032%	1.9656%	$-510,159.96	$-27.86	$-27.85
200	IA-200	I00260	444	11/16/2019	0.00005460734%	1.9656%	$-510,187.82	$-27.86	
200	IA-200	I00260	444	11/17/2019	0.00005460436%	1.9656%	$-510,215.68	$-27.86	
200	IA-200	I00260	444	11/18/2019	0.00005411375%	1.9479%	$-698,528.62	$-37.80	$-83.58
200	IA-200	I00260	444	11/19/2019	0.00005392058%	1.9412%	$-699,176.42	$-37.70	$-37.80
200	IA-200	I00260	444	11/20/2019	0.00005385098%	1.9386%	$-700,822.92	$-37.74	$-37.70
200	IA-200	I00260	444	11/21/2019	0.00005337740%	1.9216%	$-12,928,506.01	$-690.09	$-37.74
200	IA-200	I00260	444	11/22/2019	0.00005346794%	1.9248%	$-12,937,285.74	$-691.73	$-690.09
200	IA-200	I00260	444	11/23/2019	0.00005346817%	1.9248%	$-12,937,977.47	$-691.77	
200	IA-200	I00260	444	11/24/2019	0.00005346763%	1.9248%	$-12,938,669.24	$-691.80	
200	IA-200	I00260	444	11/25/2019	0.00005340058%	1.9224%	$-12,940,495.52	$-691.03	$-2,075.30
200	IA-200	I00260	444	11/26/2019	0.00005340058%	1.9224%	$-12,951,919.80	$-691.64	$-691.03
200	IA-200	I00260	444	11/27/2019	0.00005339996%	1.9224%	$-12,794,766.45	$-683.24	$-691.64
200	IA-200	I00260	444	11/28/2019	0.00005340023%	1.9224%	$-12,795,449.69	$-683.28	
200	IA-200	I00260	444	11/29/2019	0.00005336080%	1.9210%	$-12,047,420.60	$-642.86	$-1,366.52
200	IA-200	I00260	444	11/30/2019	0.00005336127%	1.9210%	$-12,048,063.46	$-642.90	
						2.0094%	**$-4,899,318.27**	**$-7,952.18**	**$-6,910.92**
						Avg Rate	**Avg Daily Balance**	**Total Calculated**	**Total Posted**

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.

Wheeling Power Co - Generation
AFUDC Calculation

	Balance	Rate
Long Term Debt	**255,486,085.49**	**0.03503233**
Preferred	**0.00**	**0.00000000**
Common	**322,118,445.45**	**0.00000000**

Short Term Debt

Month	Balance	Rate
Period 12 - 2018-12-01 1, 2018	**0.00**	**0.00000000**

413

Wheeling Power Co - Generation

AFUDC Calculation

2018-12-31

			Period 12 - 2018-12-01 1, 2018 Beginning Balance	Period 12 - 2018-12-01 Activity	Period 12 - 2018-12-01 31, 2018 Ending Balance
Long Term Debt					
Account	**Description**				
2240002	Installment Purchase Contracts		65,000,000.00	0.00	65,000,000.00
2240006	Senior Unsecured Notes		191,636,850.00	0.00	191,636,850.00
	Long Term Debt	BL	**256,636,850.00**	0.00	**256,636,850.00**
1810002	Unamort Debt Exp - Inst Pur Cn		(499,008.77)	12,475.22	(486,533.55)
1810006	Unamort Debt Exp - Sr Unsec Nt		(674,015.96)	9,785.00	(664,230.96)
	Unamortized Debt Expense	BA	**(1,173,024.73)**	22,260.22	**(1,150,764.51)**
	Unamortized Loss Reacquired Debt	BA	**0.00**	0.00	**0.00**
	Unamortized Gain Reacquired Debt	BL	**0.00**	0.00	**0.00**
	Liability for SNF Disposal Costs	JE	0.00		0.00
	Total SNF Disposal Costs	JE	0.00		0.00
	Adjusted Long Term Debt		**255,463,825.27**	22,260.22	**255,486,085.49**

4270002	Int on LTD - Install Pur Contr		(1,556,117.88)	(162,500.00)	(1,718,617.88)
4270006	Int on LTD - Sen Unsec Notes		(6,416,971.00)	(583,356.00)	(7,000,327.00)
	Interest on Long Term Debt	IS	(7,973,088.88)	**(745,856.00)**	(8,718,944.88)

Preferred Equity

Account	Description				
	CUMULATIVE PREFERRED STOCK	BL	**0.00**	0.00	**0.00**
	PREF STK DIVIDEND REQUIREMENT	IS	0.00	**0.00**	0.00

Common Equity

Account	Description				
2080000	Donations Recvd from Stckhldrs		304,997,271.87	0.00	304,997,271.87
2160001	Unapprp Retnd Erngs-Unrstrictd		9,434,953.52	0.00	9,434,953.52
4380001	Div Declrd - Common Stk - Asso		(20,088,544.10)	0.00	(20,088,544.10)
	TOTAL PROPRIETARY CAPITAL		294,343,681.29	0.00	294,343,681.29
	NET INCOME (LOSS)	RE	**24,181,885.64**	3,592,878.52	**27,774,764.16**
	Common Shareholders' Equity	BL	**318,525,566.93**	3,592,878.52	**322,118,445.45**
	Unapprp Undistrbutd Sub Erngs	RE	0.00	0.00	0.00
	Equity Erngs of Subsidiary Co	RE	0.00	0.00	0.00
	Adjusted Common Shareholders' Equity		**318,525,566.93**	3,592,878.52	**322,118,445.45**

Short Term Debt

Account	Description				
	Short Term Debt	BL	**0.00**	0.00	**0.00**
4310007	Lines Of Credit		(3,739.80)	(232.68)	(3,972.48)
	Interest on Short Term Debt	IS	(3,739.80)	**(232.68)**	(3,972.48)

LTD Rate	255,486,085.49	745,856.00	0.03503233
Preferred Rate	0.00	0.00	0.00000000
Common	322,118,445.45		

STD Rate	0.00		
	0.00		
	0.00		
	0.00	232.68	0.00000000

IAA Interest Report

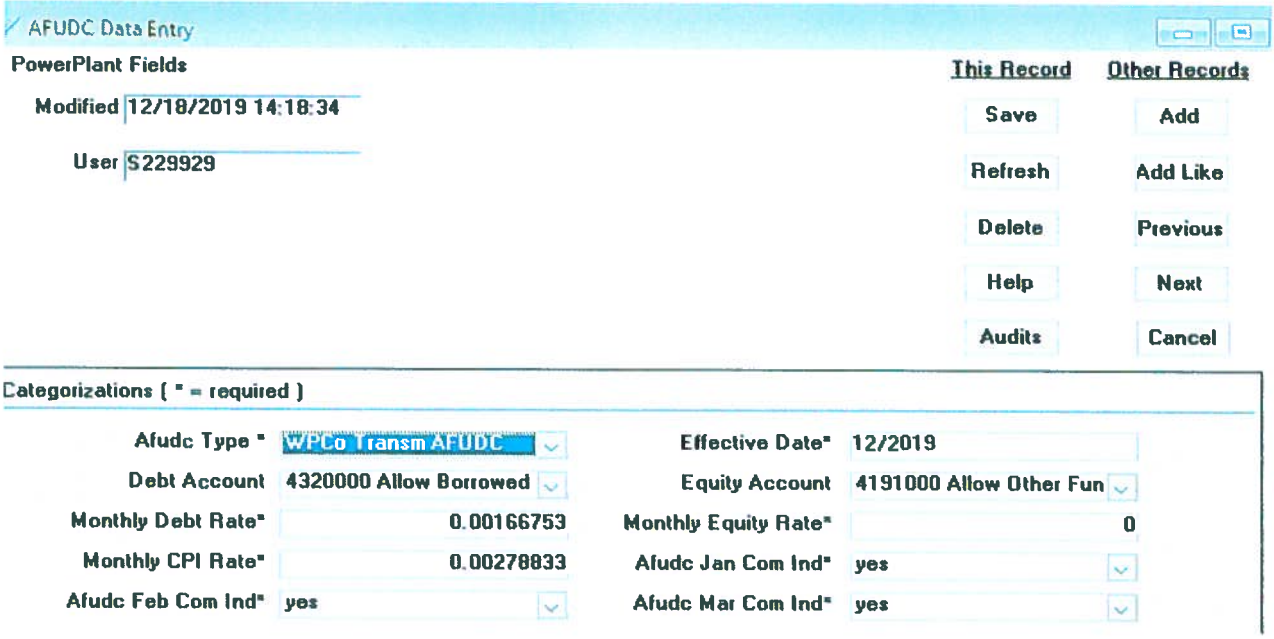
Calculated Interest Date Range
From: 11/1/2019 To: 11/30/2019

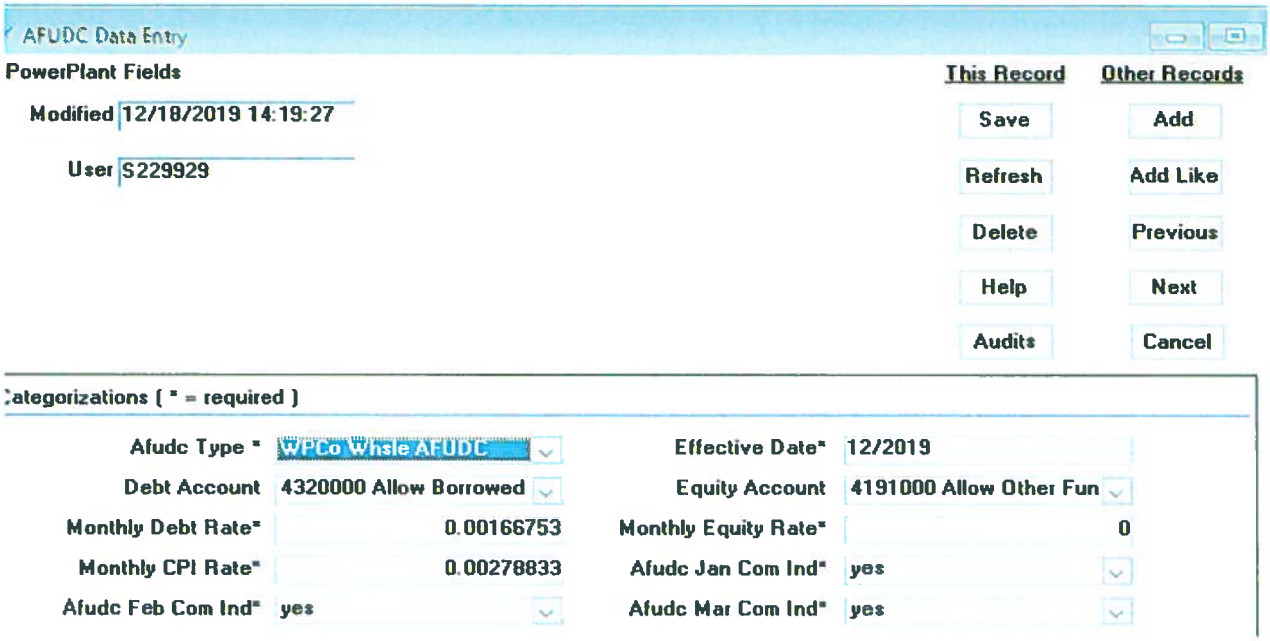
Posted Interest Date Range
From: 11/1/2019 To: 11/30/2019

BU	Desc	Bank ID	Acct	Date	Daily Rate	Annual Rate	Balance	Calculated Interest	Posted Interest
413	ia-413	I00260	584	11/1/2019	0.00006022726%	2.1682%	$-13,809,694.24	$-831.72	$-853.96
413	ia-413	I00260	584	11/2/2019	0.00006022725%	2.1682%	$-13,810,525.96	$-831.77	
413	ia-413	I00260	584	11/3/2019	0.00006022724%	2.1682%	$-13,811,357.73	$-831.82	
413	ia-413	I00260	584	11/4/2019	0.00005989045%	2.1560%	$5,333,905.74	$319.45	$-2,495.31
413	ia-413	I00260	584	11/5/2019	0.00005961299%	2.1461%	$-4,855,149.63	$-289.43	$319.45
413	ia-413	I00260	584	11/6/2019	0.00005929647%	2.1346%	$-4,902,315.54	$-290.69	$-289.43
413	ia-413	I00260	584	11/7/2019	0.00005855194%	2.1079%	$-9,293,287.90	$-544.14	$-290.69
413	ia-413	I00260	584	11/8/2019	0.00005716143%	2.0578%	$-9,319,045.67	$-532.69	$-544.14
413	ia-413	I00260	584	11/9/2019	0.00005716138%	2.0578%	$-9,319,578.36	$-532.72	
413	ia-413	I00260	584	11/10/2019	0.00005716134%	2.0578%	$-9,320,111.08	$-532.75	
413	ia-413	I00260	584	11/11/2019	0.00005716129%	2.0578%	$-9,320,643.83	$-532.78	
413	ia-413	I00260	584	11/12/2019	0.00005680755%	2.0451%	$-9,326,048.61	$-529.79	$-2,130.94
413	ia-413	I00260	584	11/13/2019	0.00005578252%	2.0082%	$-9,326,578.40	$-520.26	$-529.79
413	ia-413	I00260	584	11/14/2019	0.00005547277%	1.9970%	$-9,327,098.66	$-517.40	$-520.26
413	ia-413	I00260	584	11/15/2019	0.00005460130%	1.9656%	$-9,327,616.06	$-509.30	$-517.40
413	ia-413	I00260	584	11/16/2019	0.00005460154%	1.9656%	$-9,328,125.36	$-509.33	
413	ia-413	I00260	584	11/17/2019	0.00005460070%	1.9656%	$-9,328,634.69	$-509.35	
413	ia-413	I00260	584	11/18/2019	0.00005410739%	1.9479%	$-12,662,780.03	$-685.15	$-1,527.98
413	ia-413	I00260	584	11/19/2019	0.00005392284%	1.9412%	$-12,663,465.18	$-682.85	$-685.15
413	ia-413	I00260	584	11/20/2019	0.00005385044%	1.9386%	$-12,664,148.03	$-681.97	$-682.85
413	ia-413	I00260	584	11/21/2019	0.00005337743%	1.9216%	$-12,841,943.83	$-685.47	$-681.97
413	ia-413	I00260	584	11/22/2019	0.00005346802%	1.9248%	$-12,842,629.30	$-686.67	$-685.47
413	ia-413	I00260	584	11/23/2019	0.00005346828%	1.9248%	$-12,843,315.97	$-686.71	
413	ia-413	I00260	584	11/24/2019	0.00005346776%	1.9248%	$-12,844,002.68	$-686.74	
413	ia-413	I00260	584	11/25/2019	0.00005339992%	1.9224%	$-13,153,202.87	$-702.38	$-2,060.12
413	ia-413	I00260	584	11/26/2019	0.00005340011%	1.9224%	$-13,153,905.25	$-702.42	$-702.38
413	ia-413	I00260	584	11/27/2019	0.00005340028%	1.9224%	$-17,870,504.46	$-954.29	$-702.42
413	ia-413	I00260	584	11/28/2019	0.00005340023%	1.9224%	$-17,871,458.75	$-954.34	
413	ia-413	I00260	584	11/29/2019	0.00005336111%	1.9210%	$-19,852,661.79	$-1,059.36	$-1,908.63
413	ia-413	I00260	584	11/30/2019	0.00005336128%	1.9210%	$-19,853,721.15	$-1,059.42	
						2.0094%	$-11,316,988.18	$-18,754.26	$-17,489.44
						Avg Rate	Avg Daily Balance	Total Calculated	Total Posted

Note: This report includes two interest types to address a timing difference between when interest is calculated and when it is posted to the Ledger. Treasury calculates interest on a daily basis (including weekends and holidays), but only posts interest to GL on the following business day. If multiple days have been calculated since the last posting occured, a summarized entry is posted to GL.


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/18/2019 14:16:28
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * WPCo Distr AFUDC
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00166753
Monthly Equity Rate* 0
Monthly CPI Rate* 0.00278833
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes


AFUDC Data Entry
PowerPlant Fields
This Record
Other Records
Modified 12/18/2019 14:18:34
User S229929
Save
Add
Refresh
Add Like
Delete
Previous
Help
Next
Audits
Cancel
Categorizations (* = required)
Afudc Type * WPCo Transm AFUDC
Effective Date* 12/2019
Debt Account 4320000 Allow Borrowed
Equity Account 4191000 Allow Other Fun
Monthly Debt Rate* 0.00166753
Monthly Equity Rate* 0
Monthly CPI Rate* 0.00278833
Afudc Jan Com Ind* yes
Afudc Feb Com Ind* yes
Afudc Mar Com Ind* yes



1. Calculate AFUDC at the Full /100% AFUDC rates for Debt and Equity
2. After AFUDC is calculated at the full 100% AFUDC rates we will recalculated the AFUDC rates as shown below.
3. Property Accounting will then prepare a journal entry to booked the difference between the full AFUDC and the jurisdictional AFUDC debt/equity and cpi on journal id OAA015WPML.

WPCo-GEN will be regulated in PowerPlant but for AFUDC purposes we'lll have a 82.5% regulated (AFUDC) and 17.5% unregulated (CPI) split for 5 years. AFUDC will be calculated at 100% then adjusted to 82.5 % AFUDC and 17.5% CPI.

From: David A Davis
Sent: Friday, 17 October, 2014 9:11 AM

Hi Fred – Once a final order is issued your questions should be addressed in an accounting implications memo. My understanding as of now is:

The Company should be set up as a regulated business in PowerPlant but for AFUDC purposes we'll have a 82.5% regulated and a 17.5% unregulated split for 5 years. So the calculation of AFUDC and Capital Interest will be similar to the calculation you are preparing for Turk plant for the 5 years . I hope we can figure out a way to mechanize the calculation. It makes sense to me to use the combined capital structure for the WPCo companies. After all, WPCo is one legal entity.

AFUDC	Calculated Rate	ALLOCATION FACTOR	DEBT	EQUITY
DEBT	0.00166753	0.82500000	0.00137571	
EQUITY	0.00000000	0.82500000		0.00000000
CPI	0.00278833	0.17500000	0.00048796	
Total			0.00186367	0.00000000

calculation of Debt and Equity above is used for a monthly journal entry