Appalachian Power Company

REFERENCING File Name:

Schedule	<u>Description</u>	<u>Amount</u>	_	Sheet / Tab	<u>Cell</u>
5.4					
B-1	Production Billing kW			WE .	D. 5
B-2	Production System Peak Demand	4,663.7		WP-1	D15
B-4	Off System Sales for Resale (Demand Portion)	4,537,259		WP-15D	B10
	Ancillary Service Revenue		B-4 treats as credit	WP-13D WP-2	F13
B-4	Energy Credit Revenue	5,339,416	B-4 treats as credit	WP-2 WP-15D	D13
B-5	Plant Held for Future Use - TOTAL	401,557	40 010411	WP-19	C14
20	Plant Held for Future Use - DEMAND	401,557		WP-19	D14
	Plant Held for Future Use - ENERGY	0		WP-19	E14
	Pollution Control CWIP	0		WP-3	sum(D27+D30)
	Non-Pollution Control CWIP (50%)	0		WP-3	(D28+D29)x50%
	Prepayments Nonlabor	10,129,805		WP-5c	D24
	Prepayments Labor	0		WP-5c	F24
B-6	Plant in Service - TOTAL COMPANY	18,561,356,567		WP-6a	G38
	Production Plant - TOTAL COMPANY	6,974,733,151		WP-6a	G11
	Production Plant - DEMAND	6,974,733,151			
	Production Plant - ENERGY	0			
	Accum. Depreciation - TOTAL CO.	6,767,289,263		WP-6b	F16
	Accum. Depreciation - PRODUCTION ONLY	3,565,357,582		WP-6b	D16
	Accum. Depreciation - GENERAL & INTANGIBLE	307,890,440		WP-6b	C16
B-6a	Accum. Deferred Income Taxes - TOTAL CO. Acct 190	2,211,692,047			
D-0a	Excluded Items	186,442,811		WP-8ai	F100
	100% Production (Energy)	(37,573)		WP-8ai	F97
	100% Production (Energy) 100% Production (Demand)	15,039,586		WP-8ai	F99
	Labor Related	(9,690,497)		WP-8ai	F96
	Acct 281	(-,,:01)			
	Excluded Items	0		WP-8a	
	100% Production (Energy)	0		WP-8a	
	100% Production (Demand)	194,459,092		WP-8a	F21
	Labor Related	0		WP-8a	
	Acct 282				
	Excluded Items	1,267,457,663		WP-8a	F72
	100% Production (Energy)	0		WP-8a	F69
	100% Production (Demand)	544,354,915		WP-8a	F71
	Labor Related	0		WP-8a	F68
	Acct 283	000 705 451		WD C	F200
	Excluded Items	220,735,451		WP-8a	F202
	100% Production (Energy) 100% Production (Demand)	28,165,632 134,673,384		WP-8a WP-8a	F199 F201
	Labor Related	134,673,384		wp-8a WP-8a	F201 F198
	Acct 255	13,323,992		AAL-QA	F 198
	Excluded Items	531		WP-8a	G213 + H214
	100% Production (Energy)	0		WP-8a	32.0 · 112.17
	100% Production (Demand)	273,715		WP-8a	F214
	Labor Related	0		WP-8a	
B-7	General Plant			-	
	Land	20,209,057		WP-6c	C18
	Structures	361,850,463		WP-6c	C20
	Office Equipment	19,870,785		WP-6c	C22
	Transportation	8,674		WP-6c	C24
	Stores Equipment	3,746,725		WP-6c	C26
	Tools, Shop & Garage Equipment	53,851,633		WP-6c	C29+C33
	Lab Equipment	1,669,742		WP-6c WP-6c	C31
	Communication Equipment Miscellaneous Equipment & Other	248,768,751 13,257,575		WP-6c WP-6c	C35 C37
	Other Tangible Property	43,287		WP-6c	C37
	Asset Retirement Costs	1,386,653		WP-6c	C46-C44
		1,000,000		VII00	0-10 O TT
	TOTAL GENERAL PLANT	724,663,345			
		,000,040			
	Intangible Plant	296,333,199		WP-6a	G35
	Total Wages & Salaries (Excluding A & G and SF&H)	177,129,290		WP-9a	E30
	Production Wages & Salaries	3,493,929		WP-9b	F51

Appalachian Power Company

REFERENCING File Name:

<u>Schedule</u>	<u>Description</u>	<u>Amount</u>	Sheet / Tab	<u>Cell</u>
	Allocation Factors for Production-Related General			
	Plant based on Production Wages & Salaries			
	Demand	0.000000000	WP-9b	D53
	Energy	1.000000000		
B-9	Account 151 Fuel Inventory	295,587,787	WP-5b	M13
	Materials & Supplies - Total	131,464,621		
	Production	79,998,817	WP-5a	L10
	Transmission	11,786,076	WP-5a	L11
	Distribution Account 158 - Allowances	39,679,729	WP-5a WP-5a	L12 C18
	Account 120 Nuclear Fuel	9,673,068	WP-5b	E17
	Account 152 Undistributed	12,407,597	WP-5b	B17
	Account 132 Oridistributed	12,407,397	WF-3b	BII
B-10	ADMINISTRATIVE & GENERAL EXPENSES			
5 .0	7.5			
	A & G Salaries # 920	44,178,109	WP-10a	D164
	Outside Services # 923	10,181,587	WP-10a	D167
	Employee Pensions & Benefits # 926	(7,127,067)	WP-10a	D173
	Office Supplies # 921	3,926,290	WP-10a	D165
	Injuries & Damages # 925	11,371,605	WP-10a	D169
	Franchise Requirements # 927	0	WP-10a	D174
	Duplicate Charges # 929	125,920	WP-10a	D176
	Miscellaneous General Expense # 930	11,584,429	WP-10a	sum(D177:D179)
	Advertising Expense	492,759	WP-10a	D177
	Dues & Memberships	0	WP-10a	D179
	Adm. Expense Transfer - Cr. # 922	8,205,423	WP-10a	D166
	Property Insurance # 924	5,074,653	WP-10a	D168
	Regulatory Comm. Expense # 928	11,691,611	WP-10a	D175
	Reg. Comm. Expense Production Related	2,414,325	WP-11	E46
	Rents # 931	1,189,191	WP-10a	D180
	Maintenance of General Plant # 935	13,267,025	WP-10a	D184
5.44			14/D 40	
B-11	Common Stock	5,740,331,707	WP-12a	M11
	Bonds (Acc 221)	120,339,773	WP-13	E12
	Less: Reacquired Bonds (Acc 222)	0	WP-13	G12
	Advances from Assoc Companies (Acc 223)		WP-13	C12
	Other Long Term Debt (Acc 224)	5,582,572,682	WP-13	K12
B-12	Long Term Debt	5,702,912,455	WP-13	O12
D-12	Interest on Long Term Debt	262,249,906	WP-13	F39
	Amort Debt Disc/ Exp	4,722,631	WP-13	F27
	Amort Loss Reacg	3,641,939	WP-13	F28
	Amort. Premium on Debt	0	WP-13	F32
	Amort. Gain on Debt	0	WP-13	F34
	, and a same of Book	· ·		
B-13	Preferred Stock	0	WP-12b	B13
	Preferred Stock Dividends	0	WP-12b	K13
	Premium on Preferred Stock	0	WP-12b	D13
B-13b	Total Proprietary Capital			
	Preferred Stock (Acc 204, pfd portion of Acc 207-213)	0	WP-12a	E11+F11+G11
	Unappropriated Undistributed Subsidiary Earnings (Acc 216	(3,463,213)	WP-12a	l11
	Accumulated Comprehensive Other Income (Acc 219)	11,165,009	WP-12a	K11
	Total Proprietary Capital	5,748,033,504	WP-12a	C11
B-14	Coal Handling	24,324,863	WP-18	C20
	Lignite Handling	0		
	Fly Ash Rev/Exp	(1,084,519)	WP-18	C21
	Other Production Expenses #557	13,967,110	WP-10a	D57
	System Control/Load Dispatching #556	20,422,841	WP-10a	D56+D74+D78+D101
	Other Steam Gen & Other Power Gen Exp	100 004 5		
	Total	192,931,085	WP-14	G62
	Demand	126,857,000	WP-14	G60
	Energy	66,074,085	WP-14	G61
	Purchased Power (Total) # 555	536,074,618	WP-15c	E10
	Purchased Power (Demand) # 555	74,680,027	WP-15c	B10 + D10
	Purchased Power (Energy) # 555	461,394,591	WP-15c	C10
D 16	Stoom Production Plant Depresiation Function	200 961 954	WID 64	DO.
B-16	Steam Production Plant Depreciation Expense Hydro Production Plant Conventional Depreciation Expense	200,861,854	WP-6d WP-6d	B9 B10
	Hydro Production Plant Conventional Depreciation Expense Hydro Production Plant Pumped Storage Depreciation Expe	5,811,753 5,319,219	WP-6d	B10 B11
	Trydro Froduction Frank Fumped Storage Depreciation Expe	5,513,213	vvr'-OU	ווט

Appalachian Power Company Input Statement 12 Months Ending 12/31/2024 (actuals) for 2025

Appalachian Power Company

REFERENCING File Name:

Schedule	<u>Description</u>	<u>Amount</u>		Sheet / Tab	<u>Cell</u>
	Other Production Plant Depreciation Expense	18,482,776		WP-6d	B12
	General & Intangible Plant Depreciation Expense	68,074,283		WP-6d	B15+B16
	Production Plant Accretion Expense	0			
B-17	Payroll Related Other Taxes	9,009,170		WP-8c	C9
	Property Related Other Taxes	59,484,799		WP-8c	C11
	Production Related Taxes	16,726,413		WP-8c	C12
	Other	24,559,712		WP-8c	C14
	Not Allocated (Gross Receipts and Dist. Related)	21,811		WP-8c	C15
B-19	Federal Income Tax Rate	21.0000%		WP-8b	C20
	State Income Tax Rate (Composite)	2.8572%		WP-8b	C21
	Percent of FIT deductible for state purposes	0.0000%		WP-8b	C22
	Amortized Investment Tax Credit (enter negative)	0		WP-8b	D18
B-11	Return on Common	10.40%		na	
	Year Ending Month	12			
	Year Ending Day	31			
	Year Ending Year	2023		na	
B-22	Losses and Imbalance Ancillary Svc. Rev.	0			
	GSU Data Input				
B-3	GSU & Other Production Related Investment	80,030,071	December, 2023	WP-16	G32
B-3	Plant in Service - TRANSMISSION	4,999,904,248	December, 2023	WP-6a	G17
B-3	Transmission Depreciation Expense	110,367,031	December, 2023	WP-6d	B13
B-3	Transmission Substation Acct. 353 Investment	2,239,664,869	December, 2023	WP-17	J11
B-3	Transmission O&M (Accts 562 & 570)	2,467,721	December, 2023	WP-10a	sum(D78+D91)
B-6	GSU Accumulated Depreciation	30,651,224	December, 2023	WP-16	H32

Appalachian Power Company Formula Rate Template - Capacity Rate 12 Months Ending 12/31/2024 (actuals)

	RATE \$/MW/Day (1)	CAPACITY MW (2)	Amount \$ (1) x (2) (3)
Capacity Daily Charge:	()	()	()
1. Reference	P.2		Col (1) x (2)
2. Amount	\$450.20169	4,664	\$2,099,605.63

Note A: Rate will be applied to peak obligation demands at or adjusted to generation level (including losses).

DETERMINATION OF RATES APPLICABLE TO APCO CAPACITY REQUIREMENTS 12 Months Ending 12/31/2024 (actuals) for 2025

Appendix 2 Page 2

1. Capacity Daily Rates

\$/MW = Annual Production Fixed Cost
(APCo 5 CP Demand/365) (Note A)

$$\frac{766,356,057}{4,663.7 /365} = $450.20169$$

Where: Annual Production Fixed Cost, P.4, L. 8

Note A: Average of demand at time of PJM five highest daily peaks. Workpapers -- WP1

GENERATOR STEP UP TRANSFORMER WORKPAPER 12 Months Ending 12/31/2024 (actuals) for 2025

Appendix 2 Page 3

			PRODUCTION
		Reference (1)	Amount (2)
1.	GSU & Associated Investment	Note A	80,030,071
2.	Total Transmission Investment	FF1, P.207, L.58, Col.g	4,999,904,248
3.	Percent (GSU to Total Trans. Investment)	L.1 / L.2	1.60%
4.	Transmission Depreciation Expense	FF1, P.336, L.7, Col.b	110,367,031
5.	GSU Related Depreciation Expense	L.3 x L.4	1,766,570
6.	Station Equipment Acct. 353 Investment	Note B	2,239,664,869
7.	Percent (GSU to Acct. 353)	L.1 / L.6	3.57%
8.	Transmission O&M (Accts 562 & 570)	FF1,P.321, L. 93, Col.b, and L.107, Col.b	2,467,721
9.	GSU & Associated Investment O&M	L.7 x L.8	88,179

Note A: Workpapers -- WP-16 Note B: Workpapers -- WP-17

1.	Return on Rate Base	Reference (1) P.5, L.18, Col.(2)	PRODUCTION Amount (2) \$207,389,764
	Netam on Nate Base	1 .0, £. 10, 001.(2)	Ψ201,000,104
2.	Operation & Maintenance Expense	P.14, L.15, Col.(2)	\$240,358,246
3.	Depreciation Expense	P.16, L.9, Col.(2) Note A	\$232,242,172
4.	Taxes Other Than Income Taxes	P.17, L.6, Col.(3)	\$48,938,657
5.	Income Tax	P.18, L.5, Col.(2)	\$42,766,633
6.	Sales for Resale	Note B	\$5,339,416
7.	Sales for Resale (Energy Credit)	Note C	\$0
8.	Annual Production Fixed Cost	Sum (L.1 : L.5) - (L.6 +L.7)	\$766,356,057

Note A: See page 20 for depreciation rates by plant account.

(includes pool capacity demand). See Workpaper 15d.

Note B: Capacity related revenues associated with sales as reported in Account 447

Note C: Workpaper 15d

1.	ELECTRIC PLANT	Reference	Amount (1)	Demand (2)	Energy (3)
2. 3.	Gross Plant in Service Less: Accumulated Depreciation	P.6, L.4, Col.(2)-(4) P.6, L.11, Col.(2)-(4)	7,074,875,337 3,602,082,038	7,054,763,222 3,596,008,805	20,112,114 6,073,232
4.	Net Plant in Service	L.2 - L.3	3,472,793,299	3,458,754,417	14,038,882
5.	Less: Accumulated Deferred Taxes	s P.6, L.12, Col.(2)-(4)	909,941,213	858,721,520	51,219,693
6.	Plant Held for Future Use (Note A)	FF1, P.214	401,557	401,557	0
7.	Subtotal - Electric Plant	L.4 - L.5 + L.6	2,563,253,642	2,600,434,454	(37,180,811)
	WORKING CAPITAL				
8.	Materials & Supplies				
9.	Fuel	P.9, L.2, Col.(2)-(4)	307,995,385	0	307,995,385
10.	Nonfuel	P.9, L.8, Col.(2)-(4)	79,998,817	79,998,817	0
11.	Total M & S	L.9 + L.10	387,994,201	79,998,817	307,995,385
12.	Prepayments Nonlabor (Note B)		3,861,092	3,850,116	10,976
13.	Prepayments Labor (Note B)		0	0	0
14.	Prepayments Total (Note B)	L.12 + L. 13	3,861,092	3,850,116	10,976
15.	Cash Working Capital	P.8, L.7, Col.(1)-(3)	29,196,417	20,698,755	8,497,662
16.	Total Rate Base	L.7 + L.11 + L.14 + L.15	2,984,305,353	2,704,982,142	279,323,211
17.	Weighted Cost of Capital	P.11, L.4, Col.(4)	7.67%	7.67%	7.67%
18.	Return on Rate Base	L.16 x L.17	228,805,348	207,389,764	21,415,585

Note A: Workpapers -- WP-19

Note B: Workpapers -- WP-5c Prepayments include amounts booked to Account 165. Nonlabor related prepayments allocal production function based on gross plant on P.6, L.7. Labor related prepayments allocated to production function based on wages and salaries on P.7, Note B.

		Syste	em] [PRODUCTION		
		Reference	Amount	Reference	Amount	Demand	Energy
1.	GROSS PLANT IN SERVICE (Note A)		(1)		(2)	(3)	(4)
2.	Plant in Service (Note C)						
3.	Allocated General & Intangible Plant	L. 14	18,561,356,567	L.16	7,054,763,222	7,054,763,222	0
				P.7, Col(3), L.25	20,112,114	0	20,112,114
4.	Total	L.2 + L.3 Note A	18,561,356,567		7,074,875,337	7,054,763,222 100%	20,112,114
5. 6.				Col.(2), L.4 Col.(1), L.4	7,074,875,337 18,561,356,567	7,054,763,222 18,561,356,567	20,112,114 18,561,356,567
7.			100.00%	* **	38.12%	38.01%	0.11%
8.	ACCUMULATED PROVISION FOR DEPREC (Note A)	CIATION					
9.	Plant in Service (Note D)	L.18	6,767,289,263	L.20	3,596,008,805	3,596,008,805	0
10.	Allocated General Plant		307,890,440	Note B	6,073,232	0	6,073,232
11.	Total	L.9 + L.10			3,602,082,038	3,596,008,805	6,073,232
12.	ACCUMULATED DEFERRED TAXES (Note a	Note E	2,211,692,047	P.6a, L. 52	909,941,213	858,721,520	51,219,693

Note A: Excludes ARO amounts.

Note B: (% From P.7, Col.(3), L.28)

Note C: Includes Generator Step-Up Transformers and Other Generation related investments previously included in the transmission accounts

Note D: Includes Accumulated Depreciation associated with the Generator Step-Up Transformers and Other Generation investments.

Note E: WP--8a, WP--8ai

GSU DI	ETAILS [Lns. 2 and 9 above]							
		System			PRODUCTION			
		Reference	Amount	Reference	Amount	Demand	Energy	
			(1)		(2)	(3)	(4)	
13	GROSS PLANT IN SERVICE							
14	Plant in Service (Note C)	WP6a, Ln. 11	18,561,356,567	WP6a, Ln. 2	6,974,733,151	6,974,733,151		0
15	Plant in Service (Note C) (GSU)	P.3, L.1, Col.(2)			80,030,071	80,030,071		0
16	Plant in Service (Note C)	Ln. 14 + L.15			7,054,763,222	7,054,763,222		0
17	Accumulated Provision for Depreciation							
18	Accumulated Prov. Depreciation (Note D)	WP6b, Ln. 7	6,767,289,263	WP6b, Ln. 7	(3,565,357,582)	(3,565,357,582)		0
19	Accumulated Prov. Dep. (GSU)	WP16			(30,651,224)	(30,651,224)		0
20	Total Accumulated Depreciation (Note D)	Ln. 18+ L.19			(3,596,008,805)	(3,596,008,805)		0

1	Account 190	<u>Description</u> Excluded Items	Year End Balance 186,442,811	<u>Exclusions</u> 186,442,811	100% Production (Energy Related)	100% Production (Demand Related)	<u>Labor</u>
2 3	190 190	100% Production (Energy) 100% Production (Demand)	(37,573) 15,039,586	, ,-	(37,573)	15,039,586	
4	190	Labor Related	(9,690,497)			13,039,000	(9,690,497)
5	190	Total	191,754,327	186,442,811	(37,573)	15,039,586	(9,690,497)
6	100	Production Allocation	101,701,027	0.00%	100.00%	100.00%	100.00%
7		(Gross Plant or Wages/Salaries)		-	(37,573)	15,039,586	(9,690,497)
		,			(- , ,	-,,	(-,, - ,
8		Demand Related			-	15,039,586	-
9		Energy Related			(37,573)	-	(9,690,497)
10					Direct	Direct	B-7, Note B
11	281	Excluded Items		-			
12	281	100% Production (Energy)			-		
13	281	100% Production (Demand)	(194,459,092)			(194,459,092)	
14	281	Labor Related	-				-
15	281	Total	(194,459,092)	-	-	(194,459,092)	-
16		Production Allocation		0.00%	100.00%	100.00%	100.00%
17		(Gross Plant or Wages/Salaries)		-	-	(194,459,092)	-
18		Demand Related			_	(194,459,092)	_
19		Energy Related			-	-	-
20		Allocation Basis			Direct	Direct	B-7, Note B
21	282	Excluded Items	(1,267,457,663)	(1,267,457,663)			
22	282	100% Production (Energy)	-		-		
23	282	100% Production (Demand)	(544,354,915)			(544,354,915)	
24	282	Labor Related	-			(=11.==1.=1.	-
25	282	Total _	(1,811,812,577)	(1,267,457,663)	-	(544,354,915)	100.000/
26 27		Production Allocation (Gross Plant or Wages/Salaries)		0.00%	100.00%	100.00% (544,354,915)	100.00%
				-	-		-
28		Demand Related			-	(544,354,915)	-
29		Energy Related			Di4	- Dit	D 7 N-4- D
30		Allocation Basis			Direct	Direct	B-7, Note B
31	283	Excluded Items	(220 725 454)	(220 725 454)			
32	283	100% Production (Energy)	(220,735,451) (28,165,632)	(220,735,451)	(28,165,632)		
33	283	100% Production (Demand)	(134,673,384)		(20, 100,002)	(134,673,384)	
34	283	Labor Related	(13,325,992)			(104,070,004)	(13,325,992)
35	283	Total	(396,900,458)	(220,735,451)	(28,165,632)	(134,673,384)	(13,325,992)
36	283	Production Allocation	(000,000,100)	0.00%	100.00%	100.00%	100.00%
37		(Gross Plant or Wages/Salaries)		-	(28,165,632)	(134,673,384)	(13,325,992)
38		Demand Related			_	(134,673,384)	0
39		Energy Related			(28,165,632)	0	(13,325,992)
40		Allocation Basis			Direct	B-6, L. 7	B-7, Note B
4.	055	E-1-1-10	(50.1)	/=c · ·			
41	255	Excluded Items	(531)	(531)			
42	255	100% Production (Energy)	(272 715)		-	(070 745)	
43 44	255 255	100% Production (Demand) Labor Related	(273,715)			(273,715)	
44 45	255 255	Total	(274,246)	(531)	-	(273,715)	<u>-</u>
46	255	Production Allocation	(217,270)	0.00%	100.00%	100.00%	100.00%
47	200	(Gross Plant or Wages/Salaries)		-	-	(273,715) Direct	-
48		Summary Production Related AD	Total	Demand	Energy		
40		Sammary Froduction Related AD	iotai	Demand	Liidigy		

49	P Plant (Energy Related)	(28,203,205)	-	(28,203,205)
50	P Plant (Demand Related)	(858,721,520)	(858,721,520)	0
51	Labor Related	(23,016,489)	0	(23,016,489)
52	Total	(909,941,213)	(858,721,520)	(51,219,693)

Source: Functionalized balances for Accounts 190, 281, 282, 283 and 255 from WP-8a and 8ai.

General Plant Accounts 101 and 106

	Total System	Allocation	Related to Production			
1. GENERAL PLANT	(Note A) (1)	Factor (2)	(1) x (2) (3)	Demand (4)	Energy (5)	FERC Form 1 Reference
2.						
3. Land	20,209,057	Note B	398,630	0	398,630	P.207, L.86, Col.(g)
General Offices	0		0	0	0	
5. Total Land	20,209,057		398,630	0	398,630	P.207, L.86, Col.(g)
6.						
7. Structures	361,850,463	Note B	7,137,610	0	7,137,610	P.207, L.87, Col.(g)
8. General Offices	0		0	0	0	
9. Total Structures	361,850,463		7,137,610	0	7,137,610	P.207, L.87, Col.(g)
10.						
11. Office Equipment	19,870,785	Note B	391,957	0	391,957	P.207, L.88, Col.(g)
12. General Offices	0		0	0	0	
Total Office Equipment	19,870,785		391,957	0	391,957	P.207, L.88, Col.(g)
Transportation Equipment	8,674	Note B	171	0	171	P.207, L.89, Col.(g)
15. Stores Equipment	3,746,725	Note B	73,905	0	73,905	P.207, L.90, Col.(g)
16. Tools, Shop & Garage Equipment	53,851,633	Note B	1,062,240	0	1,062,240	P.207, L.91, L. 93, Col.(g)
17. Lab Equipment	1,669,742	Note B	32,936	0	32,936	P.207, L.92, Col.(g)
18. Communication Equipment	248,768,751	Note B	4,907,039	0	4,907,039	P.207, L.94, Col.(g)
19. Miscellaneous Equip & Other	13,257,575	Note B	261,510	0	261,510	P.207, L.95, Col.(g)
20. Subtotal General Plant	723,233,405		14,265,998	0	14,265,998	P.207, L.96, Col.(g)
21. PERCENT		Note C	1.97%	0.00%	1.97%	
22. Other Tangible Property	43,287	Note D	854	0	854	P.207, L. 97, Col.(g)
23. TOTAL GENERAL PLANT	723,276,692		14,266,852	0	14,266,852	
24. INTANGIBLE PLANT	296,333,199	Note B	5,845,262	0	5,845,262	P.205, L.5, Col.(g)
25. TOTAL GENERAL AND INTANGIE	1,019,609,891		20,112,114	0	20,112,114	L.23 + L.24
26. PERCENT		Note E	1.97%	0.00%	1.97%	

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NOTE A: See Workpaper 6c.

NOTE B: Allocation factors based on wages and salaries in electric operations and maintenance expenses excluding administrative and general expenses:

Total wages and salaries in electric operation and maintenance expenses excluding	
administrative and general expense, FF1, P.354, Col.(b), Ln.28 - L.27 (see workpaper 9a).	177,129,290
b. Production wages and salaries in electric operation and maintenance expense,	
FF1, P.354, Col.(b), L.20. (see WP-9a)	3,493,929
c. Ratio (b / a)	1.973%

NOTE C: L.20, Col.(3) / L.20, Col.(1) NOTE D: Directly assigned to Production NOTE E: L.25, Col.(3) / L.25, Col.(1)

PRODUCTION-RELATED CASH REQUIREMENT 12 Months Ending 12/31/2024 (actuals) for 2025

Appendix 2 Page 8

			PRODUCTION	
	Reference	Amount	Demand	Energy
		(1)	(2)	(3)
Total Production Expense Excluding				
Fuel Used In Electric Generation	P.14, L.12 Col.(1)-(3)	786,635,998	235,926,978	550,709,020
Less Fuel Handling / Sale of Fly Ash	P.14, L.1 thru L. 3 Col.(1)-(3)	(23,240,344)	0	(23,240,344)
3. Less Purchased Power	P.14, L.11 Col.(1)-(3)	(536,074,618)	(74,680,027)	(461,394,591)
4. Other Production O&M	Sum (L.1 thru L.3)	227,321,036	161,246,951	66,074,085
5. Allocated A&G	P.10, L.17 Col.(3)-(5)	6,250,299	4,343,089	1,907,210
6. Total O&M for Cash Working Capital Calculation	1.4+1.5	233,571,335	165,590,040	67,981,295
o. Total Odivi for Cash Working Capital Calculation	L.4 · L.0	200,07 1,000	100,000,040	07,301,233
7. O&M Cash Requirements	=45 / 360 x L.6	29,196,417	20,698,755	8,497,662
	.0,000 =.0	_0,.00,111	_0,000,100	5, .57,002

	SYSTEM		PRODUCTION				
Material & Supplies (Note A)	Reference	Amount (1)	Reference	Amount (2)	Demand (3)	Energy (4)	
2. Fuel (Note C)	FF1, P.110, L. 45,46 Workpapers WP-5b	307,995,385		307,995,385	0	307,995,385	
3. Non-Fuel							
4. Production	Note D	79,998,817	100% Col. 1	79,998,817	79,998,817	0	
5. Transmission		11,786,076	0	0	0	0	
6. Distribution		39,679,729	0	0	0	0	
7. General		0	Note B	0	0	0	
8. Total	L.4 + L.5 + L.6 + L.7	131,464,621		79,998,817	79,998,817	0	
9. Account 158 Allowances	Note D	9,673,068		9,673,068	0	9,673,068	

Note A: Year end balance.

Note B: Column (1) times % from P.7, Col.(3), L.26.

Note C: Workpapers WP-5b Note D: Workpapers WP-5a

			Syste	em		Produc	tion		
					Allocation				
			Reference	Amount	Factor %	Amount	Demand	Energy	FERC Form 1 Reference
		Account		(1)	(2)	(3)	(4)	(5)	
1.	ADMINISTRATIVE & GENERAL EXPENS	SE							
2.	RELATED TO WAGES AND SALARIES								
3.	A&G Salaries	920	Workpapers 10-a	44,178,109					P.323, L.181, Col.(b)
4.	Outside Services	923	Workpapers 10-a	10,181,587					P.323, L.184, Col.(b)
5.	Employee Pensions & Benefits	926	Workpapers 10-a	(7,127,067)	Note F				P.323, L.187, Col.(b)
6.	Office Supplies	921	Workpapers 10-a	3,926,290					P.323, L.182, Col.(b)
7.	Injuries & Damages	925	Workpapers 10-a	11,371,605					P.323, L.186, Col.(b)
8.	Franchise Requirements	927	Workpapers 10-a	0					P.323, L.188, Col.(b)
9.	Duplicate Charges - Cr.	929	Workpapers 10-a	125,920					P.323, L.190, Col.(b)
40				00.050.444		4 005 047	•	1 005 017	
10.	Total		Ls. 3 thru 9	62,656,444	Note A	1,235,917	0	1,235,917	
11.	MISCELLANEOUS GENERAL EXPENS	930	Workpapers 10-a	11,091,670	Note A & D	218,787	0	218,787	P.323, L.192, Col.(b) [Note A]
12.	ADM. EXPENSE TRANSFER - CR.	922	Workpapers 10-a	8,205,423	Note B	161,854	0	161,854	P.323, L.183, Col.(b)
13.	PROPERTY INSURANCE	924	Workpapers 10-a	5,074,653	Note E	1,934,263	1,928,764	5,499	P.323, L.185, Col.(b)
14.	REGULATORY COMM. EXPENSES	928	Workpapers 10-a	11,691,611	Note C	2,414,325	2,414,325	0	P.323, L.189, Col.(b)
15.	RENTS	931	Workpapers 10-a	1,189,191	Note B	23,457	0	23,457	P.323, L.193, Col.(b)
16.	MAINTENANCE OF GENERAL PLANT	935	Workpapers 10-a	13,267,025	Note B	261,696	0	261,696	P.323, L.196, Col.(b)
17.	TOTAL A & G EXPENSE		L.10 thru 16	113,176,017		6,250,299	4,343,089	1,907,210	

Note A: % from Note B, P.7

Note B: General Plant % from P.7, Col.(3), L.26

Note C: Workpapers WP -- 11 Excluding all items not related to wholesale service and also excludes FERC assessment of annual charges.

Note D: Excludes general advertising and company dues and memberships.

Note E: % Plant from P.6, L.7.

Note F: PBOP expense is fixed at \$6,222,780. This amount cannot be changed absent a Section 205/206 filing with the Commission.

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Page 11	

				Weighted			
			Total Company	Cost		Cost of	Weighted
		Reference	Capitalization \$ (1)	Ratios % (2)	Reference	Capital % (3)	Cost of Capital (2 x 3) (4)
1.	Long Term Debt	Note A	5,702,912,455	49.84%	Note D	4.92%	2.45%
2.	Preferred Stock	Note B	0	0.00%	Note E	0.00%	0.00%
3.	Common Stock	Note C	5,740,331,707	50.16%	Note F	10.40%	5.22%
4.	Total	Ln. 1+L.2+L.3	11,443,244,162	100.00%			7.67%

Note A: P.12, L.5, Col.(1)

Note B: P.13a, L.4, Col.(2)

Note C: P.13b, L.5,Col.(2)

Note D: P.12, L.16 Col. (2)

Note E: P.13a, L.5,Col.(2)

Note F: Return on equity cannot be changed absent a Section 205/206 filing with the Commission.

	42 Marsha Fadina 42/24/2024 (advala) for 2025	Reference	Debt Balance (1)	Interest & Cost Booked (2)
4	12 Months Ending 12/31/2024 (actuals) for 2025		100 220 772	
1. 2.	Bonds (Acc 221) Less: Reacquired Bonds (Acc 222)	FF1, 112.18.c. FF1, 112.19.c.	120,339,773	
3.	Advances from Assoc Companies (Acc 223)	FF1, 112.19.c. FF1, 112.20.c.	0	
3. 4.	Other Long Term Debt (Acc 224)	FF1, 112.20.c.	5,582,572,682	
7.	Office Long Term Dept (Acc 224)	111, 112.21.0.	3,302,372,002	
5.	Total Long Term Debt Balance		5,702,912,455	
	Costs and Expenses (actual)			
6.	Interest Expense (Acc 427)	FF1, 117.62.c.	Note A	262,249,906
7.	Amortization Debt Discount and Expense (Acc 428)	FF1, 117.63.c.		4,722,631
8.	Amortization Loss on Reacquired Debt (Acc 428.1)	FF1, 117.64.c.		3,641,939
9.	Less: Amortiz Premium on Reacquired Debt (Acc 429)	FF1, 117.65.c.		0
10.	Less: Amortiz Gain on Reacquired Debt (Acc 429.1)	FF1, 117.66.c.		0
11.	Interest on LTD Assoc Companies (portion Acc 430)	Workpapers13, L.7	Note A	0
12.	Sub-total Costs and Expense			270,614,476
13.	Less: Total Hedge (Gain) / Loss	P. 12a, L. 11, Col. (6)		(10,842,628)
14.	Plus: Allowed Hedge Recovery	P. 12a, L. 15, Col. (6)		(1,103,221)
15.	Total LTD Cost Amount	L. 12 - L. 13 + L. 14		280,353,883
16.	Embedded Cost of Long Term Debt = L.15, Col.(2) / L.5, Col.(1)			4.92%
Note A:	Reconciliation of Interest Expense to FF1, pg. 257, Ln. 33 Col(i)			
Ln. 6	Interest Expense (Acc 427)	262,249,906		
Ln. 11	Interest on LTD Assoc Companies (portion Acc 430)	0		
	FF1, pg. 257, Ln. 33 Col(i)	262,249,906		

		(1)	(2)	(3) Net Includable	(4)	(5)	(6)
	HEDGE AMT BY ISSUANCE	Total Hedge	Excludable	Hedge Amount	Unamortized	Amortization	Period
	FERC Form 1, p. 256-257 (i)	(Gain) / Loss	Amounts (Note A)	Subject to Limit	Balance	Beginning	Ending
1.	Senior Unsecured Notes - Series I	0				Jan-05	Jul-14
1. 2.	Senior Unsecured Notes - Series K	U		-		Jun-05	
				-	-		May-15
3.	Senior Unsecured Notes - Series L	-		-	-	Sep-05	Sep-15
4.	Senior Unsecured Notes - Series H	37,071		37,071	420,142	May-03	May-33
5.	Senior Unsecured Notes - Series N	(194,198)		(194,198)	(2,767,328)	Apr-06	Apr-36
6.	Senior Unsecured Notes - Series Q	159,671		159,671	2,587,993	Mar-08	Apr-38
7.	Senior Unsecured Notes - Series S	-		-	-	May-10	May-15
8.	Senior Unsecured Notes - Series T	(251,430)		(251,430)	-	Mar-11	Mar-21
9.	Senior Unsecured Notes - Series	(10,593,741)	(9,739,407)	(854,334)	(9,739,407)	Mar-21	Mar-31
				-			
10.	Total Hedge Amortization	(10,842,628)	(9,739,407)	(1,103,221)			
	-	,					

Appendix 2

Page 12a

Limit on Hedging (G)/L on Interest Rate Derivatives of LTD

(1,103,221) 11. Hedge (Gain) / Loss prior to Application of Recovery Limit

Enter a hedge Gain as a negative value and a hedge Loss as a positive value

Total Capitalization Page 11, L.4, col.(1) 11,443,244,162

5 basis point Limit on (G)/L Recovery 13.

0.0005 Amount of (G)/L Recovery Limit L. 12 * L. 13 (5,721,622)

Hedge (Gain) / Loss Recovery (Lesser of Line 11 or Line 14) (1,103,221) To be subtracted or added to actual Interest Expenses on Page 12, Line 14

Note A: Annual amortization of net gains or net loss on interest rate derivative hedges on long term debt shall not cause the composite after-tax weighted average cost of captial to increase/decrease by more than 5 basis points. Hedge gains/losses shall be amortized over the life of the related debt issuance. The unamortized balance of the g/l shall remain in Acc 219 Other Comprehensive Income and shall not flow through the rate calculation. Hedge-related ADIT shall not flow through rate base. Amounts related to the ineffective portion of pre-issuance hedges, cash settlements of fair value hedges issued on Long Term Debt, post-issuance cash flow hedges, and cash flow hedges of variable rate debt issuances are not recoverable in this calculation and are to be recorded above.

	RRED STOCK ths Ending 12/31/2024 (actuals) for 2025			Appendix 2 Page 13a
			(1) Source	(2) Balances
1.	Preferred Stock Dividends		FF1, P.118, L.29	0
2.	Preferred Stock Outstanding	Note A & B	FF1, P.251, L. 9 (f)	0
3.	Plus: Premium on Preferred Stock	Note A	FF1, P. 112, L.6	0
4.	Total Preferred Stock		L.2 + L.3	0
5.	Average Cost Rate		L.1 / L.4	0.00%

Note A: Workpaper -- WP-12b.

Note B: Preferred stock outstanding excludes pledged and Reacquired (Treasury) preferred stock.

	ON EQUITY ths Ending 12/31/2024 (actuals) for 2025	(1) Source	Appendix 2 Page 13b (2) Balances	
1.	Total Proprietary Capital	WP-12a, L.1, Col. a	5,748,033,504	
	<u>Less:</u>			
2.	Preferred Stock (Acc 204, pfd portion of Acc 207-213)	WP-12a, L.1, Col.b+c-	0	
3.	Unappropriated Undistributed Subsidiary Earnings (Acc 216.1)	WP-12a, L.1, Col.e	(3,463,213)	
4.	Accumulated Comprehensive Other Income (Acc 219)	WP-12a, L.1, Col. F	11,165,009	
5.	Total Balance of Common Equity	L.1-L.2-L.3-L.4	5,740,331,707	

ANNUAL FIXED COSTS PRODUCTION O & M EXPENSE EXCLUDING FUEL USED IN ELECTRIC GENERATION 12 Months Ending 12/31/2024 (actuals) for 2025

	Account No.	Total Company (1)	(Demand) Fixed (2)	(Energy) Variable (3)	FERC Form 1 Reference
Coal Handling	501.xx	24,324,863		24,324,863	P.320, L.5, Col.(b) [Note D]
Lignite Handling	501.xx	0		0	P.320, L.5, Col.(b) [Note D]
3. Sale of Fly Ash (Revenue & Expense)	501.xx	(1,084,519)		(1,084,519)	P.320, L.5, Col.(b) [Note D]
4. Rents	507	0			Note E
5. Hydro O & M Expenses	535-545	0			Note E
Other Production Expenses	557	13,967,110	13,967,110		P.321, L.78, Col.(b)
7. System Control of Load Dispatching	Note C	20,422,841	20,422,841		P.321, L.77, L. 88, L. 92, P. 322, L. 121, Col.(b)
Other Steam Expenses	Note A	192,931,085	126,857,000	66,074,085	
9. Combustion Turbine	Note A	0		0	
10. Nuclear Power Expense-Other	Note A	0			
11. Purchased Power	555	536,074,618	74,680,027	461,394,591	P.321, L.76, Col.(b)
12. Total Production Expense Excluding					
Fuel Used In Electric Generation	Sum L.1-L. 11	786,635,998	235,926,978	550,709,020	
13. A & G Expense P.10, L.17		6,250,299	4,343,089	1,907,210	
14. Generator Step Up related O&M	Note B	88,179	88,179	0	
15. Total O & M		792,974,476	240,358,246	552,616,230	

NOTE A: Amounts recorded in O&M Expense Accounts classified into Fixed and Variable Components in accordance with P.15 and WP-14

NOTE B: FF1, P.321, L.93 & L.107 (ACCTS. 562 & 570) times GSU Investment to Account 353 ratio (See P.3, L.9)

NOTE C: Pursuant to FERC Order 668, expenses were booked in Account 556 are now being recorded in the following accounts: 561.4, 561.8 and 575.7

NOTE D: Subaccount details of FF1 Accounts from Company's books and records.

Reconciliation	n of System Control of Load Dispatching	
System Con	trol and Load Dispatching	536,074,618
Scheduling,	System Control	517
Reliability, P	lanning and Standards Dev.	0
Market Facil	tation, Monitoring and Compliance	0
Ln. 7. Pa. 14		536.075.135

NOTE E: Amounts included in Line 8.

Line

Line		FERC Account	Energy	Demand
No.	Description	No.	Related	Related
1	POWER PRODUCTION EXPENSES			
2	Steam Power Generation			
3	Operation supervision and engineering	500	-	XX
4	Fuel	501	XX	-
5	Steam expenses	502	-	XX
6	Steam from other sources	503	XX	-
7	Steam transferred-Cr.	504	XX	-
8	Electric expenses	505	-	XX
9	Miscellaneous steam power expenses	506	-	XX
10	Rents	507	-	XX
11	Allowances	509	XX	-
12	Maintenance supervision and engineering	510	XX	-
13	Maintenance of structures	511	-	XX
14	Maintenance of boiler plant	512	XX	-
15	Maintenance of electric plant	513	XX	-
16	Maintenance of miscellaneous steam plant	514	-	XX
17	Total steam power generation expenses			
18	Nuclear Power			
19	Operation supervision and engineering	517		XX
20	Coolants and Water	519		xx
21	Steam Expenses	520		xx
22	Steam from other sources	521		XX
23	Less: ; Steam Transferred	522		XX
24	Electric Expenses	523		xx
25	Miscellaneous Nuclear Power Expense	524		XX
26	Rents	525		XX
27	Maintenance supervision and engineering	528	XX	
28	Maintenance of structures	529		XX
29	Maintenance of Reactor Plant Equip	530	XX	
30	Maintenance of electric plant	531	xx	
31	Maintenance of Misc Nuclear Plant	532	XX	
32	Total power production expenses Nuclear			
33	Hydraulic Power Generation			
34	Operation supervision and engineering	535	-	XX
35	Water for power	536	-	XX
36	Hydraulic expenses	537	-	XX
37	Electric expenses	538	-	XX
38	Misc. hydraulic power generation expenses	539	-	XX
39	Rents	540	-	xx
40	Maintenance supervision and engineering	541	-	XX
41	Maintenance of structures	542	-	XX
42	Maintenance of reservoirs, dams and waterways	543	-	XX
43	Maintenance of electric plant	544	xx	-
44	Maintenance of miscellaneous hydraulic plant	545	-	XX
45	Total hydraulic power generation expenses			
46	Other Power Generation			
47	Operation supervision and engineering	546	-	XX
48	Fuel	547	XX	-
49	Generation expenses	548	-	xx
50	Miscellaneous other power generation expenses	549	-	XX
51	Rents	550	-	XX
52	Maintenance supervision and engineering	551	-	XX
53	aa			
	Maintenance of structures	552	-	XX
54		552 553	-	xx xx

CLASSIFICATION OF FIXED AND VARIABLE PRODUCTION EXPENSES

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Line

No.	Description POWER PRODUCTION EXPENSES	FERC Account No.	Energy Related	Demand Related
56	Total other power generation expenses			
57	Other Power Supply Expenses			
58	Purchased power	555	XX	XX
59	System control and load dispatching	556	-	XX
60	Other expenses	557	-	xx
61	Station equipment operation expense (Note A)	562	-	XX
62	Station equipment maintenance expense (Note A)	570	-	XX

Note A: Restricted to expenses related to Generator Step-up Transformers and Other Generator related expenses. See Note D, Page 6

PRODUCTION-RELATED DEPRECIATION EXPENSE 12 Months Ending 12/31/2024 (actuals) for 2025

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		Depreciation		
		Expense	Demand	Energy
		(1)	(2)	(3)
	PRODUCTION PLANT			
	Depreciation and Amortization Expense			
1.	Steam	200,861,854	200,861,854	0
2.	Nuclear	0	0	0
3.	Hydro Conventional	5,811,753	5,811,753	0
4.	Hydro Pump Storage	5,319,219	5,319,219	0
5.	Int. Comb.	0	0	0
6.	Other Production	18,482,776	18,482,776	0
7.	Generator Step Up Related Depreciation (Note A)	1,766,570	1,766,570	0
8.	Production Related General & Intangible Plant (Note E	1,342,786	0	1,342,786
9.	Total Production	233,584,958	232,242,172	1,342,786

Note: Lines 1 through 6 will be Depreciation Expense reported on P.336 of the FF1 excluding the amortization of acquisition adjustments - Workpapers WP -- 6d.

Line 8 will be total General & Intangible Plant (from P.336 of the FF1, adjusted for amortization adjustments) times ratio of Production Related General Plant to total General Plant computed on P.7, L.26, Col.(3) Depreciation expense excludes amounts associated with ARO.

Note A: Line 7, see P.3, L.5

Note B	:		
а	Production Related General & Intangible Plant		
b	General Plant	WP 6d	21,296,305
С	Intangible Plant	WP 6d	46,777,978
d	Total General & Intangible Plant	Ln. b+ Ln. c	68,074,283
е	Production Demand Labor Allocator	Pg. 7, Ln. 26	0.00%
f	Production Demand Related General & Intangible	Ln. d x Ln. e	0
g	Production Energy Labor Allocator Pg. 7, Ln. 28	Pg. 7, Ln. 26	1.97%
h	Production Energy Related General & Intangible	Ln. d x Ln. g	1,342,786
i	Total Production Related General & Intangible Plant	Ln. f + Ln. h	1,342,786

		SYS	TEM		PRODUCTION
		REFERENCE	AMOUNT	%	Amount
		•	(1)	(2)	(3)
	PRODUCTION RELATED TAXES OTHER THA	N INCOME			
1	Labor Related	Note A	9,009,170	Note B	177,709
2	Property Related	Note A	59,484,799	Note C	22,673,318
3	Other	Note A	24,559,712	Note C	9,361,218
4	Production	Note A	16,726,413		16,726,413
5	Gross Receipts / Distribution Related	Note A	21,811	Note D	0
6	TOTAL TAXES OTHER THAN INCOME TAXES	S Sum L.1 : L.5	109,801,905		48,938,657

Note A: Workpapers -- WP8c.

Note B: Total (Col. (1), L.1) allocated on the basis of wages & salaries in Electric O & M Expenses (excl. A & G), P.354, Col.(b) and Services

shown on Worksheets WP-9a and WP-9b.

	Amount	%	
(1) Total W & S (excl. A & G)	177,129,290	100.00%	_
(2) Production W & S	3,493,929	1.97%	

Note C: Allocated on the basis of Gross Plant Investment from Page 6, Ln.7

Note D: Not allocated to wholesale

		Reference	Amount (1)	Demand (2)	Energy (3)
1.	Return on Rate Base	P.5, L.18	228,805,348	207,389,764	21,415,585
2.	Effective Income Tax Rat	e P.19, L.2	20.62%	20.62%	20.62%
3.	Income Tax Calculated	L.1 x L.2	47,182,822	42,766,633	4,416,189
4.	ITC Adjustment	P.19, L.13	0	0	0
5.	Income Tax	L.3 + L.4	47,182,822	42,766,633	4,416,189

Note A: Classification based on Production Plant classification of P.19, L.20 and L.21.

COMPUTATION OF EFFECTIVE INCOME TAX RATE 12 Months Ending 12/31/2024 (actuals) for 2025

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Line No.		Source (1)	Rates & Amounts (2)
1.	 T=1 - {[(1 - SIT) * (1 - FIT)] / (1 - SIT * FIT * P)} =	(1)	23.26%
2.	EIT=(T/(1-T)) * (1-(WCLTD/WACC)) =		20.62%
3.	where WCLTD from pg. 11, L.1, Col.(4) and WA		
	p. 11, L.4, Col.(4) and FIT, SIT & P as shown be	elow.	
4.	GRCF=1 / (1 - T)		1.3031
5.	Federal Income Tax Rate	FIT	21.00%
6.	State Income Tax Rate (Composite)	SIT	2.86%
7.	Percent of FIT deductible for state purposes	P Note A	0.00%
8.	Weighted Cost of Long Term Debt	WCLTD	2.45%
9.	Weighted Average Cost of Capital	WACC	7.67%
10.	Amortized Investment Tax Credit (enter negative)	FF1, P.114, L.19, Col.c	0.00%
11.	Gross Plant Allocation Factor	L.19	38.12%
12.	Production Plant Related ITC Amortization	L. 10 X L. 11	0.00%
13.	ITC Adjustment	L.12 x L.4	0.00%
4.4	O DI LAN I		Tatal
14.	Gross Plant Allocator	D0 1 4 0 14	Total
15.	Gross Plant	P.6, L.4, Col.1	18,561,356,567
16.	Production Plant Gross	P.6, L.5, Col.2	7,074,875,337
17.	Demand Related Production Plant	P.6, L.5, Col.3	7,054,763,222
18.	Energy Related Production Plant	P.6, L.5, Col.4	20,112,114
19.	Production Plant Gross Plant Allocator	L.16 / L.15	38.12%
20.	Production Plant - Demand Related	L.17 / L.16	99.72%
21.	Production Plant - Energy Related	L.18 / L.16	0.28%

Note A: Percent deductible for state purposes provided from Company's books and records.

Appalachian Power Company Formula Rate Template - Capacity Rate DEPRECIATION RATES 12 Months Ending 12/31/2010 (actuals)

Note: APCo will not change the depreciation or amortization rates shown on this page of the template absent a Section 205 or Section 206 filing.

STEAM PRODUCTION PLANT

Mountaineer Plant

311.0	Structures and Improvements	2.44%
312.0	Boiler Plant Equipment	2.75%
312.0	Boiler Plant Equipment - SCR Catalyst	6.99%
314.0	Turbogenerator Units	2.28%
315.0	Accessory Electric Equipment	1.80%
316.0	Misc. Power Plant Equipment	2.21%

Kanawha River Plant

311.0	Structures and Improvements	Retired
312.0	Boiler Plant Equipment	Retired
314.0	Turbogenerator Units	Retired
315.0	Accessory Electric Equipment	Retired
316.0	Misc. Power Plant Equipment	Retired

Amos Plant - Units 1 & 2

311.0	Structures and Improvements	2.03%
312.0	Boiler Plant Equipment	3.29%
312.0	Boiler Plant Equipment - SCR Catalyst	6.01%
314.0	Turbogenerator Units	3.32%
315.0	Accessory Electric Equipment	2.79%
316.0	Misc. Power Plant Equipment	3.10%

Amos Plant - Unit 3

311.0	Structures and Improvements	2.54%
312.0	Boiler Plant Equipment	3.56%
312.0	Boiler Plant Equipment - SCR Catalyst	7.63%
314.0	Turbogenerator Units	3.12%
315.0	Accessory Electric Equipment	2.17%
316.0	Misc. Power Plant Equipment	2.68%

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Appalachian Power Company Formula Rate Template - Capacity Rate DEPRECIATION RATES 12 Months Ending 12/31/2010 (actuals)

Sporn Plant

311.0	Structures and Improvements	Retired
312.0	Boiler Plant Equipment	Retired
314.0	Turbogenerator Units	Retired
315.0	Accessory Electric Equipment	Retired
316.0	Misc. Power Plant Equipment	Retired

Clinch River Plant

311.0	Structures and Improvements	3.86%
312.0	Boiler Plant Equipment	4.73%
314.0	Turbogenerator Units	3.68%
315.0	Accessory Electric Equipment	4.37%
316.0	Misc. Power Plant Equipment	7.11%

Glen Lyn Plant #5

311.0	Structures and Improvements	Retired
312.0	Boiler Plant Equipment	Retired
314.0	Turbogenerator Units	Retired
315.0	Accessory Electric Equipment	Retired
316.0	Misc. Power Plant Equipment	Retired

Glen Lyn Plant #6 and Common

311.0	Structures and Improvements	Retired
312.0	Boiler Plant Equipment	Retired
314.0	Turbogenerator Units	Retired
315.0	Accessory Electric Equipment	Retired
316.0	Misc. Power Plant Equipment	Retired

Putnam Coal Terminal

311.0	Structures and Improvements	Retired
312.0	Boiler Plant Equipment	Retired
315.0	Accessory Electric Equipment	Retired
316.0	Misc. Power Plant Equipment	Retired

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Appalachian Power Company Formula Rate Template - Capacity Rate DEPRECIATION RATES 12 Months Ending 12/31/2010 (actuals)

Central Plant Maintenance	Central	Plant	Maint	enance
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	316.0	Misc. Power Plant Equipment	2.51%
Central Machine	Shop		
	316.0	Misc. Power Plant Equipment	2.70%
Little Broad Run			
	312.0	Structures and Improvements Boiler Plant Equipment Accessory Electric Equipment	3.34% 3.24% 3.41%
HYDRAULIC PR	ODUC	ΓΙΟΝ PLANT	
Claytor	332.0 333.0 334.0 335.0	Structures and Improvements Reservoirs, Dams, Waterways Waterwheels, Generators, Turbines Accessory Plant Equipment Misc Power Plant Equip Roads, Railroads, Bridges	1.65% 1.10% 1.08% 2.16% 2.61% 0.71%
Byllesby	332.0 333.0 334.0	Structures and Improvements Reservoirs, Dams, Waterways Waterwheels, Generators, Turbines Accessory Plant Equipment Misc Power Plant Equip	5.54% 6.82% 5.93% 4.14% 6.73%
Buck	332.0 333.0 334.0 335.0	Structures and Improvements Reservoirs, Dams, Waterways Waterwheels, Generators, Turbines Accessory Plant Equipment Misc Power Plant Equip Roads, Railroads, Bridges	4.49% 4.94% 4.10% 4.60% 5.84% 4.72%

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Appalachian Power Company Formula Rate Template - Capacity Rate DEPRECIATION RATES 12 Months Ending 12/31/2010 (actuals)

Niagara	332.0 333.0 334.0	Structures and Improvements Reservoirs, Dams, Waterways Waterwheels, Generators, Turbines Accessory Plant Equipment Misc Power Plant Equip	2.58% 5.09% 4.00% 4.89% 4.83%
Reusens	332.0 333.0 334.0	Structures and Improvements Reservoirs, Dams, Waterways Waterwheels, Generators, Turbines Accessory Plant Equipment Misc Power Plant Equip	5.66% 5.77% 6.04% 5.04% 6.61%
Leesville	332.0 333.0 334.0 335.0	Structures and Improvements Reservoirs, Dams, Waterways Waterwheels, Generators, Turbines Accessory Plant Equipment Misc Power Plant Equip Roads, Railroads, Bridges	1.04% 1.66% 1.33% 2.09% 2.12% 0.93%
London	332.0 333.0 334.0 335.0	Structures and Improvements Reservoirs, Dams, Waterways Waterwheels, Generators, Turbines Accessory Plant Equipment Misc Power Plant Equip Roads, Railroads, Bridges	2.61% 2.40% 2.72% 2.59% 2.80% 1.68%
Marmet	332.0 333.0 334.0 335.0	Structures and Improvements Reservoirs, Dams, Waterways Waterwheels, Generators, Turbines Accessory Plant Equipment Misc Power Plant Equip Roads, Railroads, Bridges	2.08% 2.73% 2.84% 2.62% 2.73% 1.71%

Appalachian Power Company Formula Rate Template - Capacity Rate DEPRECIATION RATES 12 Months Ending 12/31/2010 (actuals)

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2.89%

3.49%

Winfield	331.0	Structures and Improvements	2.32%
	332.0	Reservoirs, Dams, Waterways	2.14%
	333.0	Waterwheels, Generators, Turbines	2.46%
	334.0	Accessory Plant Equipment	2.40%
	335.0	Misc Power Plant Equip	2.26%
	336.0	Roads, Railroads, Bridges	2.44%
Smith Moun	331.0	Structures and Improvements	1.31%
	332.0	Reservoirs, Dams, Waterways	1.22%
	333.0	Waterwheels, Generators, Turbines	2.24%
	334.0	Accessory Plant Equipment	2.45%
	335.0	Misc Power Plant Equip	2.67%
	336.0	Roads, Railroads, Bridges	1.09%
OTHER PROD	UCTION	PLANT	
Ceredo	341.0	Structures and Improvements	1.33%
	344.0	Generators	1.44%
	345.0	Accessory Electrical Equip.	1.35%
	346.0	Misc Power Plant Equipment	2.84%
Dresden	341.0	Structures and Improvements	2.87%
	342.0	Fuel Holders, Producers, and Accessories	2.88%
	344.0	Generators	2.87%

345.0 Accessory Electrical Equip.

346.0 Misc Power Plant Equipment

Appalachian Power Company Formula Rate Template - Capacity Rate DEPRECIATION RATES 12 Months Ending 12/31/2010 (actuals)

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GENERAL PLANT

390.0	Structures and Improvements	1.51%
391.0	Office Furniture and Fixtures	2.89%
392.0	Transportation Equipment	1.82%
393.0	Stores Equipment	1.76%
394.0	Tools, Shop & Garage Equip.	2.36%
395.0	Laboratory Equipment	2.65%
396.0	Power Operated Equipment	1.91%
397.0	Communications Equipment	4.06%
398.0	Misc Equipment	2.62%

INTANGIBLE PLANT

301.0	Organization	0.00%
302.0	Franchises & Consents	End of Life
303.0	Misc Intangible Plant	20.00%