

PART 2

210320142

**Schedule 1**

**Comparative Balance Sheets**

Shenandoah Valley Electric Cooperative  
Comparative Balance Sheet  
For the 12 Months Ending March 31, 2019 and 2020

Exhibit No. \_\_\_\_\_  
Witness: JMA  
Schedule 1  
Page 1 of 1

Line No.	ASSETS AND OTHER DEBITS	3/31/2019	3/31/2020
1	Total Utility Plant		
2	Total Utility Plant in Service	\$ 560,855,073	\$ 576,705,028
3	Construction Work in Progress	12,808,433	19,607,989
4	Accumulated Provision for Depreciation	189,715,718	200,435,794
5	Net Utility Plant	<u>\$ 383,947,788</u>	<u>\$ 395,877,223</u>
6			
7	Other Property and Investments	<u>\$ 57,196,075</u>	<u>\$ 59,747,772</u>
8			
9	Current Assets		
10	Cash - General Fund	\$ 181,183	\$ 1,760,683
11	Cash - Construction Funds - Trustee	-	-
12	Temporary Investments	23,117,504	27,979,258
13	Accounts Receivable	16,793,661	14,527,846
14	Materials and Supplies	8,010,125	6,949,817
15	Prepayments	1,046,904	1,103,362
16	Other Current and Accrued Assets	10,725,085	9,103,822
17		<u>\$ 59,874,462</u>	<u>\$ 61,424,788</u>
18			
19	Regulatory Assets	<u>\$ -</u>	<u>\$ 798,736</u>
20			
21	Deferred Debits	<u>\$ 3,539,739</u>	<u>\$ 3,663,084</u>
22			
23	Total Assets	<u>\$ 504,558,064</u>	<u>\$ 521,511,603</u>
23			
24	<u>LIABILITIES AND OTHER CREDITS</u>		
25			
26	Equity and Margins		
27	Memberships	\$ 393,125	\$ 397,130
28	Patronage Capital	156,986,258	164,277,563
29	Other Equity and Margins	25,278,065	24,612,346
30		<u>\$ 182,657,448</u>	<u>\$ 189,287,039</u>
31			
32	Long-Term Debt		
33	RUS	\$ 280,263,785	\$ 270,791,060
34	Other	\$ 34,096,019	\$ 37,410,001
35	Other - Payments Unapplied	33,916,435	14,597,225
36		<u>\$ 280,443,369</u>	<u>\$ 293,603,836</u>
37			
38	Current Liabilities		
39	Accumulated Operating Provisions	\$ -	\$ -
40	Notes Payable	9,100,000	10,900,000
41	Accounts Payable	14,506,737	14,064,731
42	Other Current and Accrued Liabilities	5,329,622	3,484,380
43	Consumer Deposits	6,750,326	5,993,242
44		<u>\$ 35,686,685</u>	<u>\$ 34,442,353</u>
45			
46	Deferred Credits	<u>\$ 5,770,562</u>	<u>\$ 4,178,375</u>
47			
48	Total Liabilities	<u>\$ 504,558,064</u>	<u>\$ 521,511,603</u>

**Schedule 2**

**Comparative Income Statements**

Shenandoah Valley Electric Cooperative  
 Comparative Income Statement  
 For the 12 Months Ending March 31, 2019 and 2020

Exhibit No. \_\_\_\_\_  
 Witness: JMA  
 Schedule 2  
 Page 1 of 1

Line No.	Description	3/31/2019	3/31/2020
1	Operating Revenue and Patronage Capital	\$ 250,479,896	\$ 245,976,173
2			
3	Cost of Purchased Power	\$ 173,199,634	\$ 170,205,359
4	Transmission	79,757	87,674
5	Distribution - Operation	8,337,285	9,565,251
6	Distribution - Maintenance	14,834,363	13,972,930
7	Customer Accounts Expense	5,662,223	7,018,703
8	Customer Service and Information	1,637,493	1,799,146
9	Administrative and General	8,484,045	8,381,072
10			
11	Total Operations and Maintenance	\$ 212,234,800	\$ 211,030,134
12			
13	Depreciation	\$ 18,957,157	\$ 18,975,395
14	Tax Expense - Property	-	-
15	Tax Expense - Other	364,183	341,682
16	Interest on Long Term Debt	10,406,934	10,283,642
17	Interest Expense - Other	309,630	440,340
18	Other Deductions	500	-
19			
20	Total Cost of Electric Service	\$ 242,273,204	\$ 241,071,192
21			
22	Operating Margins	\$ 8,206,692	\$ 4,904,981
23			
24			
25	Interest Income - Non-Operating	\$ 2,344,478	\$ 1,924,765
26	Non-Operating - Other	116,110	(1,237)
27			
28		\$ 2,460,588	\$ 1,923,527
29			
30	Generation and Transmission Capital Credits	\$ 2,427,847	\$ 3,008,470
31	Other Capital Credits	219,671	193,616
32			
33		\$ 2,647,518	\$ 3,202,086
34			
35	Net Margins	\$ 13,314,798	\$ 10,030,594
36			
37	TIER	2.3	2.0

**Schedule 3**

**Financial Status Statement**

SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
Financial Status Statement

Exhibit No. \_\_\_\_\_  
Witness: JMA & JDG  
Schedule 3  
Page 1 of 1

Line No.	Item	Total Cooperative			Adjustments Due to			Total Cooperative As Adjusted (Col. 3)	Non-Juris. Business (Col. 4)	Jurisdictional Business (Col. 5)	Adj. No.	Ratemaking Adjustments (Col. 6)		Amount After Adjustments (Col. 7)		Revenue Requirements (Col. 8)	Amount After Revenue Requirements (Col. 9)					
		Per Books (Col. 1)	Adj. No.	Req. (Col. 2)	Req. (Col. 2)	Req. (Col. 2)	Req. (Col. 2)					Req. (Col. 2)	Req. (Col. 2)									
Operating Revenue																						
1	Base Rate - Distribution	\$	71,994,008	\$	-	\$	71,994,008	\$	3,209,294	\$	68,784,714	6-1	\$	4,468,789	\$	73,253,503	8-1	\$	6,066,200	\$	79,319,703	
2	Base Rate - Power Supply	\$	163,721,042	\$	-	\$	163,721,042	\$	5,873,630	\$	157,847,411	6-2	\$	888,582	\$	158,735,993	8-2	\$	(14,251,322)	\$	144,484,671	
3	PCA	\$	7,112,437	\$	-	\$	7,112,437	\$	247,089	\$	6,865,347	6-3	\$	(20,506,018)	\$	(13,640,671)	8-3	\$	13,642,133	\$	1,462	
4	Subtotal	\$	242,827,486	\$	-	\$	242,827,486	\$	9,330,014	\$	233,497,472		\$	(15,148,648)	\$	218,348,825		\$	5,457,011	\$	223,805,836	
5	Facilities Charges In Other Rev.	\$	941,662	\$	-	\$	941,662	\$	105,025	\$	836,637		\$	-	\$	836,637	8-4	\$	(131,863)	\$	704,774	
6	Other Revenue	\$	2,207,025	\$	-	\$	2,207,025	\$	41,094	\$	2,165,931		\$	-	\$	2,165,931		\$	-	\$	2,165,931	
7	Total Revenue	\$	245,976,173	\$	-	\$	245,976,173	\$	9,476,133	\$	236,500,040		\$	(15,148,648)	\$	221,351,393		\$	5,325,148	\$	226,676,540	
8									3.85%													
Operating Expenses																						
9	Purchased Power Expense	\$	170,205,361	\$	(0)	\$	170,205,361	\$	6,059,822	\$	164,145,539	6-4	\$	(19,659,406)	\$	144,486,133		\$	-	\$	144,486,133	
10	Margin Stabilization	\$	-	\$	-	\$	-	\$	-	\$	-	6-4	\$	-	\$	-		\$	-	\$	-	
11	Other Operating Expenses	\$	40,824,772	\$	(2,749,427)	\$	38,075,345	\$	844,587	\$	37,230,758	6-(6-12)	\$	2,228,806	\$	39,459,564	8-5	\$	3,132	\$	39,462,697	
12	Payroll & Overheads	\$	18,975,395	\$	-	\$	18,975,395	\$	630,213	\$	18,345,182	6-13	\$	1,065,783	\$	19,410,965		\$	-	\$	19,410,965	
13	Depreciation	\$	-	\$	-	\$	-	\$	102,268	\$	2,647,159	6-14	\$	62,507	\$	2,709,666		\$	-	\$	2,709,666	
14	Tax Expense - Property	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-	\$	-		\$	-	\$	-	
15	Tax Expense - Other	\$	341,682	\$	-	\$	341,682	\$	-	\$	341,682		\$	-	\$	341,682		\$	-	\$	341,682	
16	Total Operating Expenses	\$	230,347,210	\$	(0)	\$	230,347,210	\$	7,636,890	\$	222,710,320		\$	(16,302,310)	\$	206,408,010		\$	3,132	\$	206,411,143	
17																						
18	Operating Margins	\$	15,628,963	\$	-	\$	15,628,963	\$	1,839,243	\$	13,789,720		\$	1,153,663	\$	14,943,382		\$	5,322,015	\$	20,265,398	
19	Less: Int. on Customer Deposits	\$	109,906	\$	-	\$	109,906	\$	3,808	\$	106,098		\$	-	\$	106,098		\$	-	\$	106,098	
20	Charitable Contributions	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-	\$	-		\$	-	\$	-	
21	Operating Margins - Adjusted	\$	15,519,057	\$	-	\$	15,519,057	\$	1,835,435	\$	13,683,622		\$	1,153,663	\$	14,837,285		\$	5,322,015	\$	20,159,300	
22																						
23	Plus: Capital Credits Accrued	\$	3,202,086	\$	-	\$	3,202,086	\$	114,726	\$	3,087,360		\$	(677,544)	\$	2,409,816		\$	-	\$	2,409,816	
24	Other Income	\$	1,923,529	\$	-	\$	1,923,529	\$	74,103	\$	1,849,426	6-16	\$	(1,166,038)	\$	683,388		\$	-	\$	683,388	
25	Less: Interest on LTD	\$	10,283,642	\$	-	\$	10,283,642	\$	342,409	\$	9,941,233	6-17	\$	(54,103)	\$	9,887,130		\$	-	\$	9,887,130	
26	Other Interest Expense	\$	330,434	\$	-	\$	330,434	\$	11,002	\$	319,432	6-15	\$	(319,432)	\$	-	(0)		\$	-	\$	(0)
27	Other Expense	\$	-	\$	-	\$	-	\$	-	\$	-		\$	-	\$	-		\$	-	\$	-	
28	Total Margin	\$	10,030,596	\$	-	\$	10,030,596	\$	1,670,853	\$	8,359,743		\$	(316,385)	\$	8,043,359		\$	5,322,015	\$	13,365,374	
29																						
30	Rate Base	\$	395,877,223	\$	-	\$	395,877,223	\$	13,174,207	\$	382,703,016	6-18	\$	4,041,604	\$	386,744,619		\$	-	\$	386,744,619	
31	Net Utility Plant	\$	14,219,499	\$	(338,970)	\$	13,880,529	\$	312,270	\$	13,568,259	6-19	\$	197,863	\$	13,766,122	8-6	\$	386	\$	13,766,508	
32	Allowance For Working Capital	\$	(5,993,242)	\$	-	\$	(5,993,242)	\$	(164,836)	\$	(5,828,406)	6-20	\$	271,391	\$	(5,557,015)		\$	-	\$	(5,557,015)	
33	Other Rate Base Deductions	\$	404,103,480	\$	(338,970)	\$	403,764,510	\$	13,321,641	\$	390,442,869		\$	4,510,857	\$	394,953,726		\$	386	\$	394,954,113	
34	Total Rate Base	\$	404,103,480	\$	(338,970)	\$	403,764,510	\$	13,321,641	\$	390,442,869		\$	4,510,857	\$	394,953,726		\$	386	\$	394,954,113	
35																						
36	TIER	1.98					1.98		5.88		1.84					1.81				2.35		
37	DSC	1.99					1.99		7.72		1.93					1.85				2.11		
38	Rate Of Return On Rate Base	3.84%					3.84%		13.78%		3.50%					3.76%				5.10%		
39	ROR on Margins & Equities	5.36%					5.36%		27.06%		4.62%					4.44%				7.38%		
40	Capital Credits Received	539,581					539,581		18,900		520,681		\$		\$	520,681		\$		\$	520,681	
41																						
42																						

20201227

## **Schedule 4A**

### **Detail of Ratemaking Adjustments**

Shenandoah Valley Electric Cooperative  
Details of Ratemaking Adjustments

Exhibit No. \_\_\_\_\_  
Witness: JMA & JDG  
Schedule 4A  
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Adjustment Nos.

	2-1	2-2	2-3	6-1 thru 6-3	6-4	6-5		
	Column 2	Reclassify Property Tax	Property Tax-w/ adjust	Working Capital adjust	Column 6	Operating Revenues	Purchased Power Expenses	Uncollectibles
Line	Total (Col. 1)	(Col. 2)	(Col. 3)	(Col. 4)	Total (Col. 5)	(Col. 6)	(Col. 7)	(Col. 8)
1	\$ -	\$ -	\$ -	\$ -	\$ 4,468,789	\$ 4,468,789	\$ -	\$ -
3	\$ -	\$ -	\$ -	\$ -	\$ 888,582	\$ 888,582	\$ -	\$ -
4	\$ -	\$ -	\$ -	\$ -	\$ (20,506,018)	\$ (20,506,018)	\$ -	\$ -
5	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	\$ -	\$ -	\$ -	\$ -	\$ (15,148,648)	\$ (15,148,648)	\$ -	\$ -
7	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	\$ -	\$ -	\$ -	\$ -	\$ (15,148,648)	\$ (15,148,648)	\$ -	\$ -
12								
13	\$ -	\$ -	\$ -	\$ -	\$ (19,659,406)	\$ -	\$ (19,659,406)	\$ -
15	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	\$ (2,749,427)	\$ (2,749,427)	\$ -	\$ -	\$ 2,228,806	\$ -	\$ -	\$ (196,834)
17	\$ -	\$ -	\$ -	\$ -	\$ 1,065,783	\$ -	\$ -	\$ -
18	\$ 2,749,427	\$ -	\$ 2,749,427	\$ -	\$ 62,507	\$ -	\$ -	\$ -
19	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20	\$ -	\$ (2,749,427)	\$ 2,749,427	\$ -	\$ (16,302,310)	\$ -	\$ (19,659,406)	\$ (196,834)
21								
22	\$ -	\$ -	\$ -	\$ -	\$ 1,153,662	\$ (15,148,648)	\$ 19,659,406	\$ 196,834
23								
24	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26	\$ -	\$ -	\$ -	\$ -	\$ 1,153,662	\$ (15,148,648)	\$ 19,659,406	\$ 196,834
27								
28	\$ -	\$ -	\$ -	\$ -	\$ (677,544)	\$ -	\$ -	\$ -
29	\$ -	\$ -	\$ -	\$ -	\$ (1,166,038)	\$ -	\$ -	\$ -
30	\$ -	\$ -	\$ -	\$ -	\$ (54,103)	\$ -	\$ -	\$ -
31	\$ -	\$ -	\$ -	\$ -	\$ (319,432)	\$ -	\$ -	\$ -
32	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33	\$ -	\$ -	\$ -	\$ -	\$ (316,385)	\$ (15,148,648)	\$ 19,659,406	\$ 196,834
34								
35	Rate Base							
36	Net Utility Plant	\$ -	\$ -	\$ -	\$ 4,041,604	\$ -	\$ -	\$ -
37	Allowance For Working Capital	\$ (338,970)	\$ -	\$ (338,970)	\$ 197,863	\$ -	\$ -	\$ -
38	Other Rate Base Deductions	\$ -	\$ -	\$ -	\$ 271,391	\$ -	\$ -	\$ -
39	Total Rate Base	\$ (338,970)	\$ -	\$ (338,970)	\$ 4,510,857	\$ -	\$ -	\$ -

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Shenandoah Valley Electric Cooperative  
Details of Rate-making Adjustments

Exhibit No. \_\_\_\_\_  
Witness: JMA & JDG  
Schedule 4A  
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Line	Description	Adjustment Nos.	6-6	6-7	6-8	6-9	6-10	6-11	6-12	6-13
			Payroll (Col. 9)	FICA (Col. 10)	401 k and R&S (Col. 11)	Rate Case (Col. 12)	ROW (Col. 13)	Major Storm Expense (Col. 14)	Quies (Col. 15)	Depreciation (Col. 16)
1	Base Rate - Distribution		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	Base Rate - PSS		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	PCA		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Subtotal		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	Facilities Ch Revenues		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Other Revenue		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Total Revenue		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Production & Purchased Power		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Margin Stabilization		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Other Operating Expenses		\$ 1,119,243	\$ 83,478	\$ (325,796)	\$ 31,920	\$ 473,461	\$ 1,031,081	\$ 12,254	\$ -
17	Depreciation		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 1,065,783
18	Tax Expense - Property		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19	Tax Expense - Other		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20	Total Operating Expenses		\$ 1,119,243	\$ 83,478	\$ (325,796)	\$ 31,920	\$ 473,461	\$ 1,031,081	\$ 12,254	\$ 1,065,783
21			\$ (1,119,243)	\$ (83,478)	\$ 325,796	\$ (31,920)	\$ (473,461)	\$ (1,031,081)	\$ (12,254)	\$ (1,065,783)
22	Operating Margins		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Less: Interest on Cust Deposits		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	Charitable and Educ Donations		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26	Operating Margins - Adjusted		\$ (1,119,243)	\$ (83,478)	\$ 325,796	\$ (31,920)	\$ (473,461)	\$ (1,031,081)	\$ (12,254)	\$ (1,065,783)
27			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
28	Plus: Capital Credits Accrued		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
29	Other Income		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
30	Less: Interest on Long Term Debt		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
31	Other Interest Expense		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
32	Other Expense		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33	Total Margin		\$ (1,119,243)	\$ (83,478)	\$ 325,796	\$ (31,920)	\$ (473,461)	\$ (1,031,081)	\$ (12,254)	\$ (1,065,783)
34			\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
35	Rate Base		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
36	Net Utility Plant		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
37	Allowance For Working Capital		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
38	Other Rate Base Deductions		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
39	Total Rate Base		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -

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Shenandoah Valley Electric Cooperative  
Details of Rate-making Adjustments

Exhibit No. \_\_\_\_\_  
Witness: JMA & JGG  
Schedule 4A  
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Adjustment Nos.		6-14	6-15	6-16	6-17	6-18	6-19	6-20
Line	Description	Tax (Col. 17)	Other Interest (Col. 18)	Other Income (Col. 19)	Interest Expense (Col. 20)	NUP (Col. 21)	Working Capital (Col. 22)	Other Rate Base (Col. 23)
1	Base Rate - Distribution	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
3	Base Rate - PSS	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
4	PCA	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
5		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
6	Subtotal	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
7	Facilities Ch Revenues	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
10	Other Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
11	Total Revenue	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
12		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
13	Production & Purchased Power	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
15	Margin Stabilization	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
16	Other Operating Expenses	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
17	Depreciation	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
18	Tax Expense - Property	\$ 62,507	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
19	Tax Expense - Other	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
20	Total Operating Expenses	\$ 62,507	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
21		\$ (62,507)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
22	Operating Margins	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
23		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
24	Less: Interest on Cust Deposits	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
25	Charitable and Educ Donations	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
26	Operating Margins - Adjusted	\$ (62,507)	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
27		\$ -	\$ -	\$ (677,544)	\$ -	\$ -	\$ -	\$ -
28	Plus: Capital Credits Accrued	\$ -	\$ -	\$ (1,166,038)	\$ -	\$ -	\$ -	\$ -
29	Other Income	\$ -	\$ -	\$ -	\$ (54,103)	\$ -	\$ -	\$ -
30	Less: Interest on Long Term Debt	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
31	Other Interest Expense	\$ -	\$ (319,432)	\$ -	\$ -	\$ -	\$ -	\$ -
32	Other Expense	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
33	Total Margin	\$ (62,507)	\$ 319,432	\$ (1,843,582)	\$ 54,103	\$ -	\$ -	\$ -
34		\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
35	Rate Base	\$ -	\$ -	\$ -	\$ -	\$ 4,041,604	\$ -	\$ -
36	Net Utility Plant	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 197,863	\$ -
37	Allowance For Working Capital	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ 271,391
38	Other Rate Base Deductions	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
39	Total Rate Base	\$ -	\$ -	\$ -	\$ -	\$ 4,041,604	\$ 197,863	\$ 271,391

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Shenandoah Valley Electric Cooperative  
Details of Ratemaking Adjustments

Exhibit No. \_\_\_\_\_  
Witness: JMA & JDG  
Schedule 4A  
Page 4 of 4

Adjustment Nos.	8-1 and 8-2	8-3	8-4	8-5	8-6
	Base Rate	PCA Roll-in	Facilities Ch.	Adjustment to	Adjustment to
	Revenue	Adjustment	Revenue	Uncollectible	Working Capital
	(Col. 25)	(Col. 26)	(Col. 27)	Account	Rate Base
Line	Column 8			(Col. 28)	(Col. 29)
	Total				
	(Col. 24)				
Description					
1 Base Rate - Distribution	\$ 6,066,200	\$ 6,066,200	\$ -	\$ -	\$ -
3 Base Rate - PSS	\$ (14,251,322)	\$ (14,251,322)	\$ -	\$ -	\$ -
4 PCA	\$ 13,642,133	\$ 13,642,133	\$ -	\$ -	\$ -
5	\$ -	\$ -	\$ -	\$ -	\$ -
6 Subtotal	\$ 5,457,011	\$ (8,185,122)	\$ -	\$ -	\$ -
7 Facilities Ch Revenues	\$ (131,863)	\$ -	\$ (131,863)	\$ -	\$ -
10 Other Revenue	\$ -	\$ -	\$ -	\$ -	\$ -
11 Total Revenue	\$ 5,325,148	\$ (8,185,122)	\$ (131,863)	\$ -	\$ -
12					
13 Production & Purchased Power	\$ -	\$ -	\$ -	\$ -	\$ -
15 Margin Stabilization	\$ -	\$ -	\$ -	\$ -	\$ -
16 Other Operating Expenses	\$ 3,132	\$ -	\$ -	\$ 3,132	\$ -
17 Depreciation	\$ -	\$ -	\$ -	\$ -	\$ -
18 Tax Expense - Property	\$ -	\$ -	\$ -	\$ -	\$ -
19 Tax Expense - Other	\$ -	\$ -	\$ -	\$ -	\$ -
20 Total Operating Expenses	\$ 3,132	\$ -	\$ -	\$ 3,132	\$ -
21					
22 Operating Margins	\$ 5,322,016	\$ (8,185,122)	\$ (131,863)	\$ (3,132)	\$ -
23					
24 Less: Interest on Cust Deposits	\$ -	\$ -	\$ -	\$ -	\$ -
25 Charitable and Educ Donations	\$ -	\$ -	\$ -	\$ -	\$ -
26 Operating Margins - Adjusted	\$ 5,322,016	\$ (8,185,122)	\$ (131,863)	\$ (3,132)	\$ -
27					
28 Plus: Capital Credits Accrued	\$ -	\$ -	\$ -	\$ -	\$ -
29 Other Income	\$ -	\$ -	\$ -	\$ -	\$ -
30 Less: Interest on Long Term Debt	\$ -	\$ -	\$ -	\$ -	\$ -
31 Other Interest Expense	\$ -	\$ -	\$ -	\$ -	\$ -
32 Other Expense	\$ -	\$ -	\$ -	\$ -	\$ -
33 Total Margin	\$ 5,322,016	\$ (8,185,122)	\$ (131,863)	\$ (3,132)	\$ -
34					
35 Rate Base	\$ -	\$ -	\$ -	\$ -	\$ -
36 Net Utility Plant	\$ 386	\$ -	\$ -	\$ -	\$ 386
37 Allowance For Working Capital	\$ -	\$ -	\$ -	\$ -	\$ -
38 Other Rate Base Deductions	\$ -	\$ -	\$ -	\$ -	\$ -
39 Total Rate Base	\$ 386	\$ -	\$ -	\$ -	\$ 386

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## **Schedule 4B**

### **Detail of Ratemaking Adjustments**

Shenandoah Valley Electric Cooperative  
Detail of Ratemaking Adjustments  
For the 12 Months Ending March 30, 2020

Exhibit No. \_\_\_\_\_  
Witness: JMA & JDG  
Schedule 4B  
Page 1 of 2

<u>Adj No.</u>	<u>Description</u>	<u>Explanation of Operating Expense Adjustments</u>	<u>Amount</u>
2-1	Tax Expense - Property	Adjustment to Reclassify Property Tax	\$ (2,749,427)
2-2	Tax Expense - Property	Adjustment to Reclassify Property Tax	2,749,427
2-3	Allowance for Working Capital	Adjustment to Working Capital to Reflect Reclassified Taxes	(338,970)
6-1	Base Rate Revenue	Adjust Base Rate Distribution Revenue for and Customer Growth and to normalize the 1/1/20 rate change	4,468,789
6-2	Base Rate Revenue	Adjust Base Rate PSS Revenue for Customer Growth	888,582
6-3	PCA Revenue	Adjust to Annualize PCA Revenue Based on Rate Year Sales and to synchronize PSS and PCA revenue with the rate year power cost.	(20,506,018)
6-4	Purchased Power	To adjust Purchased Power Expense for customer growth and 1/1.21 ODEC, Morgan Stanley, and SEPA rates.	(19,659,406)
6-5	Other O & M Expense	Adjustment to Uncollectible Accounts Expense	(196,834)
6-6	Other O & M Expense	Adjustment to Payroll Expense	1,119,243
6-7	Tax Expense - Other	Adjustment to Payroll Taxes Expense	83,478
6-8	Other O & M Expense	Adjustment to 401K Employer Contribution Expense and Pension Exp.	(325,796)

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Shenandoah Valley Electric Cooperative  
Detail of Ratemaking Adjustments  
For the 12 Months Ending June 30, 2013

Exhibit No. \_\_\_\_\_  
Witness: JMA & JDG  
Schedule 4B  
Page 2 of 2

<u>Adj No.</u>	<u>Description</u>	<u>Explanation of Operating Expense Adjustments</u>	<u>Amount</u>
6-9	Other O & M Expense	Adjustment to Rate Case Expense	31,920
6-10	Other O & M Expense	Adjustment to Right of Way Expense	473,461
6-11	Other O & M Expense	Adjustment to Normalize Major Storm Damage	1,031,081
6-12	Other O & M Expense	Adjustment for Dues and Subscriptions	12,254
6-13	Depreciation & Amort Expense	Adjustment to Depreciation Expense to reflect plant in service as of 9/30/2020	1,065,783
6-14	Tax Expense	Adjustment to Property Tax Expense to reflect taxable plant as of 9/30/2020	62,507
6-15	Other Interest Expense	Adjustment to Interest on Line of Credit	(319,432)
6-16	Other Income	Adjustment to Interest Income and G&T Capital Credits	(1,843,582)
6-17	Interest Expense	Adjustment to Reflect Interest Expense on Long-Term Debt Through the Rate Year	(54,103)
6-18	Net Utility Plant	Adjustment to Net Utility Plant to 9/30/2020 Level	4,041,604
6-19	Allowance for Working Capital	Adjustment to Working Capital to Reflect Adjustments to O&M Expenses and Deferred Power Cost balance as of 9/30/20	197,863
6-20	Other Rate Base Deductions	Adjustment to Customer Deposits and Customer Advances as of 9/30/20	271,391
8-1	Base Rate Revenue	Adjustment to increase distribution base rate revenue to reflect the proposed rates	6,066,200
8-2	Base Rate Revenue	Adjustment to decrease base PSS revenue to reflect the proposed rates	(14,251,322)
8-3	Roll-in PCA	Adjustment to increase revenue for the roll-in of PCA	13,642,133
8-4	Facilities Charges	To adjust decrease facilities charges for proposed rate	(131,863)
8-5	Uncollectible Accounts	To adjust uncollectible accounts expense for proposed revenues	3,132

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**Schedule 5A**

**Proposed Rates and Tariffs**

**Clean Rate Schedules**  
**Schedule 5A**



210320142

SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA

SCHEDULE A-13  
RESIDENTIAL SERVICE

AVAILABILITY

Available to Consumers for normal uses in permanent single-family residences and residential farms. This schedule is not available for construction service. All service is subject to the established rules and regulations of the Cooperative.

TYPE OF SERVICE

Single phase, 60-cycles at available voltage.  
Multi-phase, 60-cycles at available voltage.

MONTHLY RATE

A. Distribution Charges:

1. Basic Consumer Charges:

Single Phase	@	\$ 30.00 per billing month
Multi-Phase	@	\$ 37.50 per billing month

2. Variable Distribution Charges:

All kWhs	@	1.965 cents per kWh
All kW of Billing Demand	@	\$0.10 per kW
Incremental Off-Peak Billing Demand	@	\$0.10 per kW

B. Power Supply Charges:

1. June through September Billing:

First 800 kWh	@	6.380 cents per kWh
Over 800 kWh	@	9.024 cents per kWh

October – May Billing:

All kWhs	@	6.380 cents per kWh
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2. The above charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's Power Cost Adjustment Clause, Schedule PCA.

The above Distribution Charges and Power Supply Charges apply to those Consumers who have the Cooperative as their energy service provider. Only the Distribution Charges apply to those Consumers who have an Electricity Supplier other than the Cooperative as their energy provider.

BILLING DEMAND

The Billing Demand shall be the maximum fifteen-minute kilowatt demand recorded by a meter during the billing month subject to the following addendums:

- a. The Billing Demand shall be based on the demands recorded from 6:00 a.m. to 11:00 p.m. once the Cooperative has installed a meter with this capability.
- b. Incremental Off-Peak Billing Demand is the amount in kW by which the maximum demand recorded from 11:00 p.m. to 6:00 a.m. exceeds the Billing Demand.

SPECIAL TERMS AND CONDITIONS

- A. Motors having a rated capacity equal to, or in excess of, ten horsepower (10 hp) must be multi-phase.
- B. Meter readings may be billed in units of 10 kWh.
- C. Meters to be read by the Cooperative
- D. When, at the request of the Consumer, the Cooperative disconnects and reconnects the Consumer at the same premises within thirteen-months of the requested disconnection, a charge equal to the sum of the Basic Consumer Charges for each month the service was disconnected must be paid prior to reconnection.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA

SCHEDULE C-13  
CHURCH SERVICE

AVAILABILITY

Available only to church buildings in which the principal place of worship is located, subject to the established rules and regulations of the Cooperative.

TYPE OF SERVICE

Single phase, 60-cycles at available voltage.  
Multi-Phase, 60-cycles at available voltage.

MONTHLY RATE

A. Distribution Charge

1. Basic Consumer Charges:

Single Phase	@	\$30.00 per billing month
Multi-Phase	@	\$37.50 per billing month

2. Variable Distribution Charges:

First	300 kWh	@	3.400 cents per kWh
Next	1200 kWh	@	2.500 cents per kWh
Excess over	1500 kWh	@	2.000 cents per kWh

All kW of Billing Demand	@	\$0.10 per kW
Incremental Off-Peak Billing Demand	@	\$0.10 per kW

B. Power Supply Charges:

1. All kWhs June - September @ 8.992 cents per kWh
- All kWhs May - June @ 7.423 cents per kWh
2. The above charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's Power Cost Adjustment Clause, Schedule PCA.

The above Distribution Charges and Power Supply Charges apply to those Consumers who have the Cooperative as their energy service provider. Only the Distribution Charges apply to those Consumers who have an Electricity Supplier other than the Cooperative as their energy provider.

C. Minimum Distribution Charge

The Minimum Distribution Charge per month or fraction thereof shall be the highest of the following:

1. The Basic Consumer Charge; or
2. The minimum specified in the contract for service.

## SCHEDULE C-13

Page 2

BILLING DEMAND

The Billing Demand shall be the maximum fifteen-minute kilowatt demand recorded by a meter during the billing month subject to the following addendums:

- a. The Billing Demand shall be based on the demands recorded from 6:00 a.m. to 11:00 p.m. once the Cooperative has installed a meter with this capability.
- b. Incremental Off-Peak Billing Demand is the amount in kW by which the maximum demand recorded from 11:00 p.m. to 6:00 a.m. exceeds the Billing Demand.

SPECIAL TERMS AND CONDITIONS

- A. Motors having a rated capacity equal to, or in excess of, ten horsepower (10 hp) must be multi-phase.
- B. Meter readings may be billed in units of 10 kWh.
- C. Meters to be read by the Cooperative.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

**SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA**

**SCHEDULE B-13  
GENERAL SERVICE**

AVAILABILITY

Available to all Consumers for general service, commercial, industrial, single or multi-phase service, and all other non-residential service for all uses subject to the established rules and regulations of the Cooperative.

TYPE OF SERVICE

Single and/or multi-phase, 60-cycles at available secondary voltage.

MONTHLY RATE

A. Distribution Charge

- |    |                                |   |                           |
|----|--------------------------------|---|---------------------------|
| 1. | Basic Consumer Charges:        |   |                           |
|    | Single Phase                   | @ | \$30.00 per billing month |
|    | Multi-Phase                    | @ | \$37.50 per billing month |
| 2. | Variable Distribution Charges: |   |                           |
|    | (a) Billing Demand Charge:     |   |                           |
|    | First 20 kW                    | @ | \$3.50 per kW             |
|    | Over 20 kW                     | @ | \$6.50 per kW             |
|    | (b) Plus RKVA                  | @ | \$0.59 per RKVA           |
|    | (c) Plus Energy Charges:       |   |                           |
|    | First 500 kWh                  | @ | 1.910 cents per kWh       |
|    | Next 3700 kWh                  | @ | 0.175 cents per kWh       |
|    | Over 4200 kWh                  | @ | 0.067 cents per kWh       |

B. Power Supply Charges:

- |    |   |   |                     |
|----|---|---|---------------------|
| 1. | All kWhs June – September Billing   | @ | 6.979 cents per kWh |
|    | All kWhs October – May Billing  | @ | 6.066 cents per kWh |
| 2. | The above charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's <u>Power Cost Adjustment Clause</u> , Schedule PCA. |   |                     |

Note: The above Distribution Charges and Power Supply Charges apply to those Consumers who have the Cooperative as their energy service provider. Only the Distribution Charges apply to those Consumers who have an Electricity Supplier other than the Cooperative as their energy provider.

## Schedule B-13

C. Minimum Distribution Charge

The Minimum Distribution Charge per month or fraction thereof shall be the highest of the following:

1. The Basic Consumer Charge, or;
2. The Billing Demand Charge in A.2.(a) above times the greater of: (a) 50% of the highest monthly billing demand established during the preceding calendar year, or (b) 50% of the Consumer's requested capacity, or;
3. The minimum specified in the contract for service.

BILLING DEMAND

The billing demand shall be the maximum fifteen-minute kilowatt demand recorded by a meter during the billing month.

DETERMINATION OF RKVA DEMAND

The Cooperative reserves the right to measure and bill for RKVA. The RKVA demand shall be the maximum RKVA demand measure in any fifteen (15) minute period during the month for which the bill is rendered.

TEMPORARY SERVICE

Temporary service shall be supplied in accordance with the foregoing rate except that the Consumer shall pay in addition to the foregoing charges, the total cost of installing and removing the service, less the value of materials returned to stock. A deposit, in advance, may be required of the full amount of the estimated bill for service, including the cost of installation and removal.

SERVICE AT PRIMARY VOLTAGE

If primary service is furnished between 2KV to 25KV, a discount of \$0.26 per kW of Distribution Billing Demand shall apply to the distribution charges. If primary service is furnished above 25KV, a discount of \$0.53 per kW of Distribution Billing Demand shall apply to the distribution charges.

Schedule B-13

SPECIAL TERMS AND CONDITIONS

- A. Motors having a rated capacity equal to, or in excess of, ten horsepower (10 hp) must be multi-phase.
- B. Meter readings may be billed in units of 10 kWh.
- C. Meters to be read by the Cooperative.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA

SCHEDULE LP-13  
LARGE POWER SERVICE

AVAILABILITY

Available to Commercial and Industrial Consumers of the Cooperative for the supply of 100 kW or more.

TYPE OF SERVICE

Three-phase, 60-cycles at standard voltage.

MONTHLY RATE

- A. Distribution Charge
- |    |                                    |   |                            |
|----|------------------------------------|---|----------------------------|
| 1. | Basic Consumer Charge:             | @ | \$682.50 per billing month |
| 2. | Plus Variable Distribution Charge: |   |                            |
|    | (a) Demand Charge:                 |   |                            |
|    | All kW of Billing Demand           | @ | \$6.883 per kW             |
|    | (b) RKVA Charge:                   | @ | \$0.59 per RKVA            |
- B. Power Supply Charge
- |    |   |   |                     |
|----|---|---|---------------------|
| 1. | Demand Charges:   |   |                     |
|    | All kW of Billing Demand:   |   |                     |
|    | June – September Billing  | @ | \$7.601 per kW      |
|    | October – May Billing   | @ | \$6.601 per kW      |
| 2. | Power Supply Energy Charges:  |   |                     |
|    | Primary Voltage   | @ | 4.320 cents per kWh |
|    | Secondary Voltage   | @ | 4.387 cents per kWh |
| 3. | The above charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's <u>Power Cost Adjustment Clause</u> , Schedule PCA. |   |                     |

Note: The above Distribution Charges and Power Supply Charges apply to those Consumers who have the Cooperative as their energy service provider. Only the Distribution Charges apply to those Consumers who have an Electricity Supplier other than the Cooperative as their energy provider.



C. Minimum Distribution Charge

The minimum distribution charge per month or fraction thereof shall be the higher of the following:

1. The distribution demand charge in A.2(a) above times the greater of: (a) 50% of the highest monthly billing demand established during the preceding calendar year, or (b) 50% of the Consumer's requested capacity, or;
2. The minimum specified in the contract for service, but not less than the sum of the distribution charges.

BILLING DEMAND

The billing demand shall be the maximum fifteen-minute kilowatt demand recorded by a meter during the billing month.

DETERMINATION OF RKVA DEMAND

The Cooperative reserves the right to measure and bill for RKVA. The RKVA demand shall be the maximum RKVA demand measure in any fifteen (15) minute period during the month for which the bill is rendered.

CONDITIONS OF SERVICE

- A. Motors having a rated capacity equal to, or in excess of, ten horsepower (10 hp) must be multi-phase.
- B. All facilities beyond the point of delivery by the Cooperative shall be owned and maintained by the Consumer.
- C. If primary service is furnished between 2KV to 25KV, a discount of \$0.26 per kW of Distribution Billing Demand shall apply to the distribution charges. If primary service is furnished above 25KV, a discount of \$0.53 per kW of Distribution Billing Demand shall apply to the distribution charges.
- D. Meters to be read by the Cooperative.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

**SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA**

**SCHEDULE PC-6**

**CLOSED: COINCIDENT PEAK – LOAD CONTROL SCHEDULE**

**AVAILABILITY**

This schedule is available only to those Consumers served under Schedule PC-5 prior to the effective date of this Schedule PC-6. The load served on the schedule must have an effective billing demand in excess of 100 kW.

**TYPE OF SERVICE**

Multi-phase, 60 cycles at standard voltage for load in excess of 100 kW of average billing demand.

**MONTHLY RATE**

**A. Distribution Charge**

1. Basic Consumer Charge: @ \$631.05 per billing month
2. Plus - Variable Distribution Charges:
  - a. Demand Charge:  
Distribution Billing Demand @ \$4.43 per kW
  - b. RKVA Charge: @ \$0.59 per RKVA
  - c. Energy Charge: @ 0.163 cents per kWh

**B. Power Supply Charge**

Wholesale Billing Demand:

The charges for Power Supply Billing Demand will be based on the prevailing ODEC transmission or distribution level demand rates as applicable, adjusted to compensate for the applicable distribution losses on a Consumer specific basis.

Energy Charges:

1. The Consumer's kWh usage for the month times the prevailing ODEC Distribution or Transmission Energy Rate as applicable, adjusted to compensate for the applicable distribution losses.
2. The Consumer's kWh usage for the month times the corresponding monthly ODEC Energy Cost Adjustment, adjusted to compensate for the applicable distribution losses.

Note: The above Distribution Charges and Power Supply Charges apply to those Consumers who have the Cooperative as their energy service provider. Only the Distribution Charges apply to those Consumers who have an Electricity Supplier other than the Cooperative as their energy provider.

C. Minimum Distribution Charge

The Minimum Distribution Charge per month or fraction thereof shall be the highest of the following:

1. The Basic Consumer Charge, or;
2. The Distribution Charge in A.2(a) above times the greater of: (a) 50% of the highest monthly maximum billing demand established during the preceding calendar year, or (b) 50% of the Consumer's requested capacity, or;
3. The minimum specified in the contract for service.

DETERMINATION OF BILLING DEMAND

A. Distribution Billing Demand:

Shall be the maximum integrated kW load for any period of fifteen (15) consecutive minutes during the month; i.e., the maximum fifteen (15) minute demand.

B. Power Supply Demands:

Shall be based on the Consumer's actual demand or demands measured coincident with the billing demands as defined in the prevailing ODEC rate applicable to the Cooperative, plus any demand added back to the Cooperative's Wholesale Billing Demands by ODEC to compensate for the Consumer's participation in the PJM Demand Response Program.

DETERMINATION OF RKVA DEMAND

The Cooperative reserves the right to measure and bill for RKVA. The RKVA demand shall be the maximum RKVA demand measure in any fifteen (15) minute period during the month for which the bill is rendered.

LOAD CONTROL CLAUSE

The Consumer retains the right and responsibility to make the decisions as to whether to control, curtail, interrupt, or otherwise change their load patterns as their circumstances may dictate.

LOAD CONTROL PERIOD

The Cooperative will make every effort to provide a notice of probability of impending load control period approximately four (4) hours prior to the beginning of the period, but not less than one-half (1/2) hour. This notification will be provided to the Consumer's designated telephone number. There may be a maximum of four (4) hours during any load control period. The number of load control periods will not exceed twelve (12) in a calendar month.

CONDITIONS OF SERVICE

- A. All facilities beyond the point of delivery by the Cooperative shall be owned and maintained by the Consumer.
- B. If primary service is furnished between 2 kV to 25 kV, a discount of \$0.26 per kW of Distribution Billing Demand shall apply to the distribution charges. If primary service is furnished above 25 kV, a discount of \$0.53 per kW of Distribution Billing Demand shall apply to the distribution charges.
- C. Meters to be read by the Cooperative.

TERMINATION OF CONTRACT

The termination of contract for the purchase of electric service under this schedule shall be such as may be mutually agreed upon, but for not less than twelve (12) consecutive months. In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
MT. CRAWFORD, VIRGINIA

SCHEDULE LCR-1  
COINCIDENT PEAK – LOAD CONTROL RIDER

AVAILABILITY

Available as an option on a voluntary basis to qualifying Consumers for accounts served on Schedule B-11 and / or Schedule LP-11. To qualify, the load must have an effective Schedule B-11 and / or Schedule LP-11 Billing Demand in excess of 100 kW. All provisions of Schedule B-11 and / or Schedule LP-11 as applicable will remain in effect except as modified by this rider.

TYPE OF SERVICE

Multi-phase, 60 cycles at standard voltage for load in excess of 100 kW of average billing demand.

OPTIONAL POWER SUPPLY CHARGES

At the option of the Consumer, the standard Power Supply Charges in Schedule B-11 or Schedule LP-11 as applicable will be replaced with the following:

Power Supply Charge

Wholesale Billing Demand:

1. The charges for Wholesale Billing Demand will be based on the prevailing ODEC transmission or distribution level demand rates as applicable, adjusted to compensate for the applicable distribution losses on a Consumer specific basis.

Energy Charges:

1. The Consumer's kWh usage for the month times the prevailing ODEC Distribution or Transmission Energy Rate as applicable, adjusted to compensate for the applicable distribution losses.
2. The Consumers kWh usage for the month times the corresponding monthly ODEC Energy Cost Adjustment, adjusted to compensate for the applicable distribution losses.

#### DETERMINATION OF POWER SSUPPLY BILLING DEMANDS

Power Supply Billing Demands shall be based on the Consumer's actual demand or demands measured coincident with the billing demands as defined in the prevailing ODEC rate applicable to the Cooperative, plus any demand added back to Cooperative's Wholesale Billing Demands by ODEC to compensate for the Consumer's participation in the PJM Demand Response Program.

#### LOAD CONTROL CLAUSE

Consumers may voluntarily request this schedule in order to exercise a load control option. Consumers must provide the Cooperative with at least three (3) months notice prior to effectively being placed on this schedule for billing purposes.

The Consumers retains the right and responsibility to make the decisions as to whether to control, curtail, interrupt, or otherwise change their load patterns as their circumstances may dictate.

#### LOAD CONTROL PERIOD

The Cooperative will make every effort to provide a notice of probability of impending load control period approximately four (4) hours prior to the beginning of the period, but not less than one-half (1/2) hour. This notification will be provided to the Consumer's designated telephone number. There may be a maximum of four (4) hours during any load control period. The number of load control periods will not exceed twelve (12) in a calendar month.

#### TERMINATION OF CONTRACT

The termination of contract for the purchase of electric service under this schedule shall be such as may be mutually agreed upon, but at least through the next full calendar year but not less than twelve (12) consecutive months.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

210320142

**SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA**

**SCHEDULE CMV-3  
CLOSED MV LIGHT SERVICE**

**AVAILABILITY**

Schedule CMV-2 is available only for existing Mercury-Vapor lights as of the original effective date of this schedule. All fixtures are Mercury-Vapor, equipped with a photoelectric cell to provide dusk-to-dawn service and are connected ahead of the meter.

**SERVICE AGREEMENT**

- A. For existing CMV Light Service, the Cooperative will maintain an outside light on the premises of the Consumer until the existing light has exceeded its useful life. The Consumer agrees to keep the light for at least 36 months.
- B. The Consumer shall notify the Cooperative when light fails to operate. Light will be serviced within two (2) business days of such notification under normal conditions.
- C. The Consumer shall be billed for the light each billing period at the following rates are based on Cooperative's Standard Light Facilities:

**CMV Cobra Style Light Fixture**

Light Type	Wattage	Monthly kWhs	Light and Bracket only		Light and Metal Pole	
			Distribution Charge	Supply Charge	Distribution Charge	Supply Charge
A	175	70	\$12.44	\$3.39	N/A	N/A
B	400	157	\$17.86	\$7.60	\$29.39	\$7.60
C	1,000	392	\$32.35	\$18.97	N/A	N/A

**CMV Post Top Traditionaire or Acorn Style Light**

Light Type	Wattage	Monthly kWhs	Light Fixture and Post		Additional Light	
			Distribution Charge	Supply Charge	Distribution Charge	Supply Charge
Post Top	175	70	\$15.25	\$3.39	N/A	N/A

## Schedule CMV-3

Page 2

CMV Yard Light

			Light and Bracket only	
Light Type	Wattage	Monthly kWhs	Distribution Charge	Supply Charge
Yard Light	175	70	\$9.54	\$3.39

POWER COST ADJUSTMENT

The above supply charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's Power Cost Adjustment Clause, Schedule PCA.

INSTALLATION

- A. The Consumer shall pay the cost for extending secondary service to the light location. A charge will be made to the Consumer in the amount of the estimated cost to the Cooperative for installing all necessary facilities to provide service to the lighting system. Also, the Consumer will be charged the estimated cost for any alterations, or adjustments to the existing overhead or underground lines necessary to provide adequate clearance or spacing for the lighting system. Such charges to be collected prior to the start of construction.
- B. Where underground service is requested, the Consumer shall provide at no cost to the Cooperative the necessary right of way for the underground facilities; make certain that the right of way is within six (6) inches of final grade; and that access remains unobstructed for installation, and ongoing operation and maintenance activities while the light is in service. Shrubs, trees, and grass requiring protection from the Cooperative's equipment during installation, operation, and maintenance shall be the responsibility of the property owner.
- C. The facilities will remain the property of, and will be maintained and replaced as may be necessary by, the Cooperative.

REMOVAL COST

- A. In the event of termination prior to the end of the contract period, the Consumer shall pay either the balance of the contract responsibility, or the net cost of installation and removal of the facilities installed by the cooperative to serve the Consumer, whichever is less.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation

Schedule CMV-3

CLOSED MV Light Service

Page 2



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Commission, shall apply.

**SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA**

**SCHEDULE HPS-3  
CLOSED HPS LIGHT SERVICE**

**AVAILABILITY**

Schedule HPS-3 is available only for existing High Pressure Sodium lights in service as of the effective date of this schedule. All fixtures will be Sodium-Vapor, equipped with a photoelectric cell to provide dusk-to-dawn service and will be connected ahead of the meter.

**SERVICE AGREEMENT**

- A. Upon application, the Cooperative will install and maintain an outside light on the premises of the consumer. The consumer agrees to keep the light for at least 36 months.
- B. The consumer shall notify the Cooperative when light fails to operate. Light will be serviced within two (2) business days of such notification under normal conditions.
- C. The consumer shall be billed for the light each billing period at the following rates are based on Cooperative's Standard Light Facilities:

**HPS Cobra Style Light Fixture**

Light Type	Wattage	Monthly kWhs	Light and Bracket only		Light and Metal Pole	
			Distribution Charge	Supply Charge	Distribution Charge	Supply Charge
A	100	39	\$11.14	\$1.89	\$22.67	\$1.89
B	200	78	\$13.57	\$3.78	\$25.10	\$3.78
C	400	157	\$19.38	\$7.60	\$30.91	\$7.60
D	1,000	392	\$34.22	\$18.97	\$45.75	\$18.97

**HPS Post Top Traditionaire or Acorn Style Light**

Light Type	Wattage	Monthly kWhs	Light Fixture and Post		Additional Light	
			Distribution Charge	Supply Charge	Distribution Charge	Supply Charge
Post Top	100	39	\$13.94	\$1.89	\$9.86	\$1.89

## Schedule HPS-3

Page 2

HPS Yard Light

Light Type	Wattage	Monthly kWhs	Light and Bracket only	
			Distribution Charge	Supply Charge
Yard Light	100	39	\$8.24	\$1.89

POWER COST ADJUSTMENT

The above supply charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's Power Cost Adjustment Clause, Schedule PCA.

INSTALLATION

- A. The Consumer shall pay the cost for extending secondary service to the light location. A charge will be made to the Consumer in the amount of the estimated cost to the Cooperative for installing all necessary facilities to provide service to the lighting system. Also, the Consumer will be charged the estimated cost for any alterations, or adjustments to the existing overhead or underground lines necessary to provide adequate clearance or spacing for the lighting system. Such charges to be collected prior to the start of construction.
- B. Where underground service is requested, the consumer shall provide at no cost to the Cooperative the necessary right of way for the underground facilities; make certain that the right of way is within six (6) inches of final grade; and that access remains unobstructed for installation, and ongoing operation and maintenance activities while the light is in service. Shrubs, trees, and grass requiring protection from the Cooperative's equipment during installation, operation, and maintenance shall be the responsibility of the property owner.
- C. The facilities will remain the property of, and will be maintained and replaced as may be necessary, by the Cooperative.

REMOVAL COST

- A. In the event of termination prior to the end of the contract period, the Consumer shall pay either the balance of the contract responsibility, or the net cost of installation and removal of the facilities installed by the cooperative to serve the Consumer, whichever is less.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

**SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA**

**SCHEDULE LED-3  
LED LIGHT SERVICE**

AVAILABILITY

Schedule LED-1 is available to all Consumers of the Shenandoah Valley Electric Cooperative for the purpose of providing LED Light Service to homes, schools, churches, camps, businesses, and municipalities. All fixtures will be LED, equipped with a photoelectric cell to provide dusk-to-dawn service and will be connected ahead of the meter.

SERVICE AGREEMENT

- A. Upon application, the Cooperative will install and maintain an outside light on the premises of the Consumer. The Consumer agrees to keep the light for at least 36 months.
- B. The Consumer shall notify the Cooperative when light fails to operate. Light will be serviced within two (2) business days of such notification under normal conditions.
- C. The Consumer shall be billed for the light each billing period at the following rates are based on Cooperative's Standard Light Facilities:

LED Cobra Style Light Fixture

Light Type	Wattage	Monthly kWhs	Light and Bracket only		Light and Metal Pole	
			Distribution Charge	Supply Charge	Distribution Charge	Supply Charge
A	Up to 67	24	\$11.14	\$1.16	\$22.67	\$1.16
B	Up to 130	46	\$13.57	\$2.23	\$25.10	\$2.23
C	Up to 196	69	\$19.38	\$3.34	\$30.91	\$3.34
D	Up to 433	152	\$34.22	\$7.36	\$45.75	\$7.36

LED Post Top Traditionaire or Acorn Style Light

Light Type	Wattage	Monthly kWhs	Light Fixture and Fiberglass Post		Additional Light	
			Distribution Charge	Supply Charge	Distribution Charge	Supply Charge
Post Top	Up to 67	24	\$13.94	\$1.16	\$9.86	\$1.16

LED Yard Light

			Light and Bracket only	
Light Type	Wattage	Monthly kWhs	Distribution Charge	Supply Charge
Yard Light	Up to 67	24	\$8.24	\$1.16

POWER COST ADJUSTMENT

The above supply charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's Power Cost Adjustment Clause, Schedule PCA.

INSTALLATION

- A. The Consumer shall pay the cost for extending secondary service to the light location. A charge will be made to the Consumer in the amount of the estimated cost to the Cooperative for installing all necessary facilities to provide service to the lighting system. Also, the Consumer will be charged the estimated cost for any alterations, or adjustments to the existing overhead or underground lines necessary to provide adequate clearance or spacing for the lighting system. Such charges to be collected prior to the start of construction.
- B. Where underground service is requested, the Consumer shall provide at no cost to the Cooperative the necessary right of way for the underground facilities; make certain that the right of way is within six (6) inches of final grade; and that access remains unobstructed for installation, and ongoing operation and maintenance activities while the light is in service. Shrubs, trees, and grass requiring protection from the Cooperative's equipment during installation, operation, and maintenance shall be the responsibility of the property owner.
- C. The facilities will remain the property of, and will be maintained and replaced as may be necessary by, the Cooperative.

REMOVAL COST

- A. In the event of termination prior to the end of the contract period, the Consumer shall pay either the balance of the contract responsibility, or the net cost of installation and removal of the facilities installed by the cooperative to serve the Consumer, whichever is less.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
Mt. Crawford, VA

SCHEDULE PCA-2  
POWER COST ADJUSTMENT CLAUSE

AVAILABILITY

Available in all territory served by the Cooperative, subject to the Terms and Conditions of the Cooperative on file with the Virginia State Corporation Commission.

APPLICABILITY

This schedule is applicable to and becomes a part of each electric rate schedule in which reference is made to Power Cost Adjustment Rider, Schedule PCA.

The Cooperative shall apply a uniform per kWh charge or credit to applicable sales in accordance with the following terms. All definitions and calculations shall be in reference to the total Cooperative system but shall exclude any kWh sales, kWh purchases, and Power Supply Service revenues and power costs related to service to any customer under an electric service tariff that separately provides for a direct pass through of purchased power expense.

DEFINITIONS

PCA	=	Power cost adjustment factor.
PSS Revenue	=	Revenue produced by the base Power Supply Charge part of each tariff.
PSS Base	=	6.351 cents per kWh sold reflecting the annual system average base PSS Revenue per kWh sold.
kWhs	=	The total projected kWh to be purchased in the applicable rate year times the Loss Factor.
PCp	=	The projected total cost of purchased power for the applicable rate year from all sources, including costs associated with the Energy Adjustment part of the ODEC Tariff, that will be charged to Account 555.
O	=	Any Over Recovery balance recorded on the Cooperative's balance sheet as of the most recent accounting month available.
U	=	Any Under Recovery balance recorded on the Cooperative's balance sheet as of the most recent accounting month available.

Schedule PCA-2DEFINITIONS (continued)

- EA = ODEC's Energy Adjustment rate from time to time, expressed in dollars per kWh.
- ODEC Factor = The going level ratio of annual ODEC kWh purchased to total annual kWh purchased based on historical data or projected data.
- Loss Factor = One minus the estimated kWh loss percentage based on historical data.

FORMULA

In any month there is a change in: a) the ODEC base rates, b) the SEPA rates or capacity allocation that would materially affect the overall cost of power per kWh, or c) a purchase power price or volume change pursuant to a non-ODEC/non SEPA power supply contract that would materially affect the overall cost of power per kWh, for application in each month thereafter until changed in accordance with this tariff, a PCA will be computed as follows:

$$PCA = \frac{PCp - O + U}{kWhs} - PSS \text{ Base} + EAr$$

Where;

EAr will be zero unless there is a change in the EA relative to the EA used for PCp in which case EAr will be calculated as follows and the PCA will be modified to reflect the new EAr:

$$EAr = (\text{New EA} - \text{EA included in PCp}) \times \text{ODEC Factor} \div \text{Loss Factor}$$

OVER AND UNDER RECOVERY AMOUNT

The over or under recovery of power cost will be calculated and booked monthly based on the difference between actual purchased power costs in the month and revenues booked in the month equal to the base PSS Revenues; plus, the PCA revenues. Booked revenues and kWh sales will be net of any applicable unbilled adjustments.

(Over) and Under Recovery Amounts, if any, will be recorded to accounts 253.65 Deferred Credit – PCA or 186.65 Deferred Debit – PCA, with corresponding credits or debits to PCA Power Cost Deferral.

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Schedule PCA-2

MODIFICATIONS TO THE PCA

The intent of the PCA is to recover the Cooperative's purchased power cost on a dollar for dollar basis. At any time, the Cooperative may re-calculate the PCA to minimize (over) or under recovery of power cost if actual data and more current information for the remainder of the applicable rate year indicate that the PCp, kWhs, or both have sufficiently changed to warrant a change in the PCA, or if the (Over) or Under Recovery Amounts become excessive. At a minimum, the PCA will be recalculated once in any twelve-month period to adjust for any accumulated Over or Under Recovery Amount.

RATE YEAR

The rate year is the twelve-month period beginning with the month in which a change in the PCA will occur that is not solely due to a change in EAr.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.



**SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
MT. CRAWFORD, VIRGINIA**

**ALTERNATE SUPPLIER COST ADJUSTMENT RIDER  
SCHEDULE AS-1**

**AVAILABILITY**

Available in all territory served by the Cooperative, subject to the Terms and Conditions of the Cooperative on file with the Virginia State Corporation Commission.

**APPLICABILITY**

This schedule is applicable as a rider to Schedule PC or LCR.

**DESCRIPTION**

This Rider relates specifically to the Electric Service Agreement between the Cooperative and Morgan Stanley Capital Group, Inc. that expires April 30, 2024.

**FORMULA**

Each January, the ASA will be calculated as follows:

$$\text{ASA} = \frac{\text{ASC} - \text{BASE}}{\text{kW}} \div L$$

Where:

- ASA = Alternate supplier cost adjustment factor to be applied to the customer's hourly integrated demand occurring in the hour of the Cooperative's annual system peak for the preceding calendar year.
- ASC = The actual costs for the kWh purchased from the Alternative Supplier in the preceding calendar year, plus the ancillary services costs paid by the Cooperative under the contract.
- BASE = The sum of the monthly charges that would have been paid to ODEC for the energy and capacity supplied by the Alternative Supplier. The actual ODEC Remaining Owned Resources Demand Charges, transmission level energy charges, and the ECA factors in effect for each month of the preceding year in which the Alternate Supplier contract was in effect will be used for this calculation.
- kW = The Cooperative's annual system NCP in the preceding calendar year x 12.
- L = Customer specific loss factor to compensate for the applicable distribution losses.

SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA

COMMUNITY SOLAR SUBSCRIPTION RIDER  
SCHEDULE SSR-1

I. AVAILABILITY

Solar energy subscriptions are available on a voluntary basis to Cooperative Customers ("Subscribers") in good standing that receive electric service under Schedule A-13 and successor tariffs provided the amount of solar energy available from the Cooperative is not fully subscribed.

II. APPLICABILITY

Applicable to Subscribers as a rider to the applicable standard tariff.

III. TERMS OF SUBSCRIPTION

The Cooperative offers to make available units of energy generated from solar generating resources to which the Cooperative has access through its wholesale power supplier, Old Dominion Electric Cooperative ("ODEC"). Units of solar energy in 50 kWh blocks ("Solar Blocks") are available for resale under this rider. Solar Block subscriptions initially shall be offered to Subscribers for only one account. Multiple Solar Block subscriptions will be allowed up to a level that the Cooperative determines is not expected to exceed the Subscriber's metered kWh usage in any month. With at least thirty (30) days' notice, the Subscriber may elect to increase the number of subscribed Solar Blocks provided the Subscriber's monthly usage supports the additional Solar Blocks, and subject to Solar Block availability, or decrease the number of subscribed Solar Blocks. If the Subscriber elects to decrease the number of subscribed solar blocks, the Subscriber subsequently will not be eligible to increase the number of subscribed Solar Blocks until the start of the following Fixed Rate Term. The Cooperative may allow subscriptions for more than one Subscriber account until the Solar Blocks are fully subscribed.

Subscriptions shall normally be for twelve (12) consecutive months beginning with the effective date of the subscription ("Annual Subscription Period"). Annual Subscription Periods will automatically renew unless cancelled by the Subscriber or the Cooperative at least thirty (30) days prior to the renewal date. The Cooperative may offer subscriptions less than twelve (12) months consecutively to align with the end of a Fixed Rate Term provided that such shortened subscriptions shall automatically renew for an Annual Subscription Period unless cancelled by the Subscriber or the Cooperative at least thirty (30) days prior to the renewal date. A Subscriber may cancel a subscription at any time by giving a least a thirty (30) day notice to the Cooperative. Subscriptions will be cancelled at the end of the billing period and will not be prorated. Following the cancellation of a subscription, the Subscriber shall not be eligible to initiate a new subscription for Solar Blocks until the start of the following Fixed Rate Term.

Subscribers may transfer their subscriptions only to another eligible account in the Subscriber's name. Transfers shall take effect at the conclusion of the billing period in which notice was provided to the Cooperative. Except as otherwise provided, Subscribers may not assign, transfer,

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gift, bequeath, or otherwise transfer any of its rights or obligations under this Agreement to any other individual, account, or entity for any purpose.

**TERMS OF SUBSCRIPTION - continued**

If the Subscriber terminates electric service or ceases to be an active member, the subscription(s) shall automatically terminate at the end of the billing period in which said action takes place. Upon disconnection of electric service, Subscriber shall pay all amounts due and owing to the Cooperative.

**IV. MONTHLY RATE**

A. Subscription Rate: \$5.38 per Solar Block.

The monthly subscription rate per Solar Block ("Fixed Block Charge") will be fixed for three-year terms ("Fixed Rate Term").

The Fixed Block Charge will be updated at the end of each Fixed Rate Term based on prevailing energy supply costs recovered in the member Cooperative's standard rates.

B. Administrative Charge: \$0.00 per Solar Block.

**V. CONDITIONS OF SERVICE**

Service hereunder will be subject to the following conditions:

A. Upon initiating or renewing a subscription, the prevailing Fixed Block Charge will be billed on a monthly basis and will be fixed for the duration of the Fixed Rate Term. Where the Annual Subscription Period extends beyond the Fixed Rate Term, the Fixed Block Charge is subject to change in accordance with this Rider.

B. Solely for calculating the electricity supply service component of the applicable standard rate, Subscribers will receive credit against the actual kWh usage up to the cumulative kWh of the subscribed Solar Blocks. Solar Blocks will not be credited against actual kWh usage for calculating the distribution delivery charges under the standard rate.

C. Subscribers are obligated to pay the Fixed Block Charge for each subscribed Solar Block even in months where actual usage is less than the cumulative size of the subscribed Solar Blocks.

D. Solar Renewable Energy Certificates ("SRECs"), relating to the Solar Blocks purchased by a Subscriber under this Rider, will be retired on behalf of the Subscriber.

E. Schedule SSR is a rider to the applicable standard tariff and all provisions of the standard tariff apply except as modified by this Rider.

**Redlined Rate Schedules**  
**Schedule 5A**

**SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA**

**SCHEDULE A-13.2 (UNBUNDLED)  
RESIDENTIAL SERVICE**

**AVAILABILITY**

Available to Consumers for normal uses in full-time, permanent, single-family residences and residential farms, where such residential structure is occupied on a full-time basis as the principal place of residence for at least nine (9) months per year. This schedule is not available for construction service. All service is subject to the established rules and regulations of the Cooperative.

**TYPE OF SERVICE**

Single phase, 60-cycles at available voltage.  
Multi-phase, 60-cycles at available voltage.

**MONTHLY RATE**

**A. Distribution Charges:**

**1. Basic Consumer Charges:**

Single Phase \_\_\_\_\_ @ \$ 30.0025.00 per billing  
month: single-phase

Multi-Phase \_\_\_\_\_ @ \$ 37.5028.45 per billing  
month: multi-phase

**2. Variable Distribution Charges:**

All First 300 kWhs \_\_\_\_\_ @  
1.9652-167 cents per kWh

Excess over 300 kWh \_\_\_\_\_ @ 2.045 cents per kWh

All kW of Billing Demand \_\_\_\_\_ @ \$0.10 per kW

Incremental Off-Peak Billing Demand \_\_\_\_\_ @ \$0.10 per kW

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**B. Power Supply Charges:**

**1. June through September Billing:**

First 800 kWh \_\_\_\_\_ @ 6.380 cents per

kWh

Over 800 kWh \_\_\_\_\_ @ 9.024 cents per

kWh

**October – May Billing:**

All kWhs \_\_\_\_\_ @ 7.3366.380 cents per kWh

- 2. The above charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's Wholesale Power Cost Adjustment Clause, Schedule WPA-5, until replaced by Schedule PCA-1.**

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Schedule A-13  
Page 2

The above Distribution Charges and Power Supply Charges apply to those Consumers who have the Cooperative as their energy service provider. Only the Distribution Charges apply to those Consumers who have an Electricity Supplier other than the Cooperative as their energy provider.

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BILLING DEMAND

The Billing Demand shall be the maximum fifteen-minute kilowatt demand recorded by a meter during the billing month subject to the following addendums:

- a. The Billing Demand shall be based on the demands recorded from 6:00 a.m. to 11:00 p.m. once the Cooperative has installed a meter with this capability.
- b. Incremental Off-Peak Billing Demand is the amount in kW by which the maximum demand recorded from 11:00 p.m. to 6:00 a.m. exceeds the Billing Demand.

SPECIAL TERMS AND CONDITIONS

- A. Motors having a rated capacity equal to, or in excess of, ten horsepower (10 hp) must be multi-phase.
- B. Meter readings may be billed in units of 10 kWh.
- C. Meters to be read by the Cooperative.
- D. When, at the request of the Consumer, the Cooperative disconnects and reconnects the Consumer at the same premises within thirteen-months of the requested disconnection, a charge equal to the sum of the Basic Consumer Charges for each month the service was disconnected must be paid prior to reconnection.

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In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

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Schedule A-13

Page 2

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Schedule A-13

Residential Service

Page 3

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Filed State Corporation Commission: March 16, 2021

Effective for bills rendered on and after January 3, 2022

**SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA**

**SCHEDULE C-132 (UNBUNDLED)  
CHURCH SERVICE**

**AVAILABILITY**

Available only to church buildings in which the principal place of worship is located,  
subject to the established rules and regulations of the Cooperative.

**TYPE OF SERVICE**

Single phase, 60-cycles at available voltage.  
Multi-Phase, 60-cycles at available voltage.

**MONTHLY RATE**

**A. Distribution Charge**

1. Basic Consumer Charges:

Single Phase	@	\$30.00	27.10 per billing
month: single phase			
Multi-Phase	@	\$37.50	30.25 per billing
month: multi phase			

2. Variable Distribution Charges:

First	300 kWh	@	3.40	7.568 cents per kWh
Next	1200 kWh	@	2.50	3.470 cents per kWh
Excess over 1500 kWh		@	2.00	3.054 cents per kWh

All kW of Billing Demand	@	\$0.10 per kW
Incremental Off-Peak Billing Demand	@	\$0.10 per kW

**B. Power Supply Charges:**

1. All kWhs June - September @ 8.9926524 cents per kWh  
All kWhs May - June @ 7.423 cents per kWh
2. The above charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's Wholesale Power Cost Adjustment Clause, Schedule WPA-5, until replaced by Schedule PCA-4.

The above Distribution Charges and Power Supply Charges apply to those Consumers who have the Cooperative as their energy service provider. Only the Distribution Charges apply to those Consumers who have an Electricity Supplier other than the Cooperative as their energy provider.

**C. Minimum Distribution Charge**

The Minimum Distribution Charge per month or fraction thereof shall be the highest of the following:

1. The Basic Consumer Charge; or

Schedule C-132 (unbundled)

Church Service

Page 1

Filed State Corporation Commission: ~~December~~ March 2021+9  
Effective for bills rendered on and after January 31, 20220



SCHEDULE C-130 (UNBUNDLED)  
Page 2

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2. The minimum specified in the contract for service.

BILLING DEMAND

The Billing Demand shall be the maximum fifteen-minute kilowatt demand recorded by a meter during the billing month subject to the following addendums:

- a. The Billing Demand shall be based on the demands recorded from 6:00 a.m. to 11:00 p.m. once the Cooperative has installed a meter with this capability.
- b. Incremental Off-Peak Billing Demand is the amount in kW by which the maximum demand recorded from 11:00 p.m. to 6:00 a.m. exceeds the Billing Demand.

SPECIAL TERMS AND CONDITIONS

- A. Motors having a rated capacity equal to, or in excess of, ten horsepower (10 hp) must be multi-phase.
- B. Meter readings may be billed in units of 10 kWh.
- C. Meters to be read by the Cooperative.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

**SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA**

**SCHEDULE B-132 (UNBUNDLED)  
GENERAL SERVICE**

AVAILABILITY

Available to all Consumers for general service, commercial, industrial, single or multi-phase service, and all other non-residential service for all uses subject to the established rules and regulations of the Cooperative.

TYPE OF SERVICE

Single and/or multi-phase, 60-cycles at available secondary voltage.

MONTHLY RATE

A. Distribution Charge

1. Basic Consumer Charges:

Single Phase @ \$30.0026-73 per billing

month: ~~single phase~~

Multi-Phase @ \$37.5029-73 per billing

month: ~~multi phase~~

2. Variable Distribution Charges:

(a) Billing Demand Charge:

First 20 kW @ \$3.502-50 per kW

Over 20 kW @ \$6.507-05 per kW

(b) Plus RKVA @ \$0.59 per RKVA

(c) Plus Energy Charges:

First 500 kWh @ 1.9104-903 cents per kWh

Next 3700 kWh @ 0.1756 cents per kWh

Over 4200 kWh @ 0.067 cents per kWh

B. Power Supply Charges:

1. All kWhs June – September Billing @ 6.97937 cents per kWh

All kWhs October – May Billing @ 6.066 cents per kWh

4.2. The above charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's Wholesale Power Cost Adjustment Clause, Schedule WPA-5, until replaced by Schedule PCA-4.

Note: The above Distribution Charges and Power Supply Charges apply to those Consumers who have the Cooperative as their energy service provider. Only the Distribution Charges apply to those Consumers who have an Electricity Supplier other than the Cooperative as their energy provider.

Schedule B-13

C. Minimum Distribution Charge

The Minimum Distribution Charge per month or fraction thereof shall be the highest of the following:

1. The Basic Consumer Charge, or;
2. The Billing Demand Charge in A.2.(a) above ~~times~~ for the greater of: (a) 50% of the highest monthly billing demand established during the preceding calendar year, or (b) 50% of the Consumer's requested capacity, or;
3. The minimum specified in the contract for service.

BILLING DEMAND

~~a. The billing demand shall be the maximum fifteen-minute kilowatt demand recorded by a meter during the billing month.~~

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~~b. The billing demand shall be the maximum average kilowatt load for any period of fifteen (15) consecutive minutes during the month as indicated or recorded by a demand meter.~~

DETERMINATION OF RKVA DEMAND

The Cooperative reserves the right to measure and bill for RKVA. The RKVA demand shall be the maximum RKVA demand measure in any fifteen (15) minute period during the month for which the bill is rendered.

TEMPORARY SERVICE

Temporary service shall be supplied in accordance with the foregoing rate except that the Consumer shall pay in addition to the foregoing charges, the total cost of installing and removing the service, less the value of materials returned to stock. A deposit, in advance, may be required of the full amount of the estimated bill for service, including the cost of installation and removal.

SERVICE AT PRIMARY VOLTAGE

If primary service is furnished between 2KV to 25KV, a discount of \$0.26 per kW of Distribution Billing Demand shall apply to the distribution charges. If primary service is furnished above 25KV, a discount of \$0.53 per kW of Distribution Billing Demand shall apply to the distribution charges.

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Schedule B-12 (~~unbundled~~)

General Service

Page 2

Filed State Corporation Commission: ~~December~~ March 16, 2021  
Effective for bills rendered on and after January 31, 2022

Schedule B-13SPECIAL TERMS AND CONDITIONS

- A. Motors having a rated capacity equal to, or in excess of, ten horsepower (10 hp) must be multi-phase.
- B. Meter readings may be billed in units of 10 kWh.
- C. Meters to be read by the Cooperative.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

Schedule B-12-(unbundled)

General Service

Page 3

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Filed State Corporation Commission: ~~December 31, 2019~~ March 16, 2020  
 Effective for bills rendered on and after January 31, 2020

**SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA**

**SCHEDULE LP-132 (UNBUNDLED)  
LARGE POWER SERVICE**

**AVAILABILITY**

Available to Commercial and Industrial Consumers of the Cooperative for the supply of 100 kW or more.

**TYPE OF SERVICE**

Three-phase, 60-cycles at standard voltage.

**MONTHLY RATE**

- A. Distribution Charge
1. Basic Consumer Charge: @- \$682.50 per billing month
  2. Plus Variable Distribution Charge
    - (a) Demand Charge:  
All kW of Billing Demand @- \$6.8835-585 per kW
    - (b) RKVA Charge: @- \$0.59 per RKVA

- B. Power Supply Charge
1. Demand Charges:  
All kW of Billing Demand:  
-June - September Billing @- \$7.60140-933 per kW  
October - May Billing @- \$6.601 per kW
  2. Power Supply Energy Charges:  
Primary Voltage @- 4.32065 cents per kWh  
Secondary Voltage @- 4.387433 cents per kWh
  3. The above charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's Wholesale Power Cost Adjustment Clause, Schedule WPA-5, until replaced by PCA-1.

Note: The above Distribution Charges and Power Supply Charges apply to those Consumers who have the Cooperative as their energy service provider. Only the Distribution eCharges apply to those Consumers who have an Electricity Supplier other than the Cooperative as their energy provider.

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Schedule LP-132 (unbundled) Large Power Service

Page 1

Filed State Corporation Commission: ~~December~~ March 16, 2021-19  
Effective for bills rendered on and after January 13, 20220

Schedule LP-13Page 2C. Minimum Distribution Charge

The minimum distribution charge per month or fraction thereof shall be the higher of the following:

1. The distribution demand charge in A.2(a) above ~~times the greater of:~~ (a) 50% of the highest monthly billing demand established during the preceding calendar year, or (b) 50% of the Consumer's requested capacity, or;
2. The minimum specified in the contract for service, but not less than the sum of the distribution charges.

BILLING DEMAND

~~The billing demand shall be the maximum fifteen-minute kilowatt demand recorded by a meter during the billing month. The billing demand shall be the maximum average kilowatt load for any period of fifteen (15) consecutive minutes during the month as indicated or recorded by a demand meter.~~

DETERMINATION OF RKVA DEMAND

The Cooperative reserves the right to measure and bill for RKVA. The RKVA demand shall be the maximum RKVA demand measure in any fifteen (15) minute period during the month for which the bill is rendered.

CONDITIONS OF SERVICE

- A. Motors having a rated capacity equal to, or in excess of, ten horsepower (10 hp) must be multi-phase.
- B. All facilities beyond the point of delivery by the Cooperative shall be owned and maintained by the Consumer.
- C. If primary service is furnished between 2KV to 25KV, a discount of \$0.26 per kW of Distribution Billing Demand shall apply to the distribution charges. If primary service is furnished above 25KV, a discount of \$0.53 per kW of Distribution Billing Demand shall apply to the distribution charges.
- D. Meters to be read by the Cooperative.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

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SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA

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SCHEDULE PC-65 (UNBUNDLED)  
**CLOSED: COINCIDENT PEAK - LOAD CONTROL SCHEDULE**

AVAILABILITY

This schedule is available only to those Consumers ~~served requesting service under Schedule PC-5 2 or Schedule PCQ-2~~ prior to the effective dates of this Schedule PC-36. The load served on the schedule must have an effective billing demand in excess of 100 kW.

TYPE OF SERVICE

Multi-phase, 60 cycles at standard voltage for load in excess of 100 kW of average billing demand.

MONTHLY RATE

A. Distribution Charge

1. Basic Consumer Charge: @ \$-631.05 per billing month
2. Plus - Variable Distribution Charges:
  - a. Demand Charge:  
Distribution Billing Demand @- \$4.433.966 per kW
  - b. RKVA Charge: @- \$0.59 per RKVA
  - c. Energy Charge: @- 0.163049 cents per kWh

B. Power Supply Charge

Wholesale Billing Demand:

The charges for Power Supply Billing Demand will be based on the prevailing ODEC transmission or distribution level demand rates as applicable, adjusted to compensate for the applicable distribution losses on a Consumer specific basis.

Energy Charges:

1. The Consumer's kWh usage for the month times the prevailing ODEC Distribution or Transmission Energy Rate as applicable, adjusted to compensate for the applicable distribution losses.
2. The Consumer's kWh usage for the month times the corresponding monthly ODEC Energy Cost Adjustment, adjusted to compensate for the applicable distribution losses.
3. ~~Plus, a charge of 0.011 cents per kWh will be applied for the recovery of non-purchased power supply cost.~~

Schedule PC-6

Note: The above Distribution Charges and Power Supply Charges apply to those Consumers who have the Cooperative as their energy service provider. Only the Distribution eCharges apply to those Consumers who have an Electricity Supplier other than the Cooperative as their energy provider.

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C. Minimum Distribution Charge

The Minimum Distribution Charge per month or fraction thereof shall be the highest of the following:

1. The Basic Consumer Charge, or;
2. The Distribution Charge in A.2(a) above ~~times the greater of:~~ for (a) 50% of the highest monthly maximum billing demand established during the preceding calendar year, or (b) 50% of the Consumer's requested capacity, or;  
~~(b) 50% of the Consumer's requested capacity, or;~~
3. The minimum specified in the contract for service.

DETERMINATION OF BILLING DEMAND

## A. Distribution Billing Demand:

Shall be the maximum integrated kW load for any period of fifteen (15) consecutive minutes during the month; i.e., the maximum fifteen (15) minute demand.

## B. Power Supply Demands:

Shall be based on the Consumer's actual demand or demands measured coincident with the billing demands as defined in the prevailing ODEC rate applicable to the Cooperative, plus any demand added back to the Cooperative's Wholesale Billing Demands by ODEC to compensate for the Consumer's participation in the PJM Demand Response Program.

DETERMINATION OF RKVA DEMAND

The Cooperative reserves the right to measure and bill for RKVA. The RKVA demand shall be the maximum RKVA demand measure in any fifteen (15) minute period during the month for which the bill is rendered.

LOAD CONTROL CLAUSE

The Consumer retains the right and responsibility to make the decisions as to whether to control, curtail, interrupt, or otherwise change their load patterns as their circumstances may dictate.



Schedule PC-6LOAD CONTROL PERIOD

The Cooperative will make every effort to provide a notice of probability of impending load control period approximately four (4) hours prior to the beginning of the period, but not less than one-half (1/2) hour. This notification will be provided to the Consumer's designated telephone number. There may be a maximum of four (4) hours during any load control period. The number of load control periods will not exceed twelve (12) in a calendar month.

CONDITIONS OF SERVICE

- A. All facilities beyond the point of delivery by the Cooperative shall be owned and maintained by the Consumer.
- B. If primary service is furnished between 2 kV to 25 kV, a discount of \$0.26 per kW of Distribution Billing Demand shall apply to the distribution charges. If primary service is furnished above 25 kV, a discount of \$0.53 per kW of Distribution Billing Demand shall apply to the distribution charges.
- C. Meters to be read by the Cooperative.

TERMINATION OF CONTRACT

The termination of contract for the purchase of electric service under this schedule shall be such as may be mutually agreed upon, but for not less than twelve (12) consecutive months. In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
MT. CRAWFORD, VIRGINIA

SCHEDULE  
PCLCR-14  
COINCIDENT PEAK – LOAD CONTROL RIDER

AVAILABILITY

Available as an option on a voluntary basis to qualifying Consumers for accounts served on Schedule B-11 and / or Schedule LP-11. To qualify, the load must have an effective Schedule B-11 and / or Schedule LP-11 Billing Demand in excess of 100 kW. All provisions of Schedule B-11 and / or Schedule LP-11 as applicable will remain in effect except as modified by this rider.

TYPE OF SERVICE

Multi-phase, 60 cycles at standard voltage for load in excess of 100 kW of average billing demand.

OPTIONAL POWER SUPPLY CHARGES

At the option of the Consumer, the standard Power Supply Charges in Schedule B-11 or Schedule LP-11 as applicable will be replaced with the following:

Power Supply Charge

Wholesale Billing Demand:

1. The charges for Wholesale Billing Demand will be based on the prevailing ODEC transmission or distribution level demand rates as applicable, adjusted to compensate for the applicable distribution losses on a Consumer specific basis.
2. ~~In addition, an Excess Demand charge of \$2.50 per kW of Excess Demand will apply each month.~~

Energy Charges:

1. ~~The Consumer's kWh usage for the month times the prevailing ODEC Distribution or Transmission Energy Rate as applicable, adjusted to compensate for the applicable distribution losses.~~
2. The Consumers kWh usage for the month times the corresponding monthly ODEC Energy Cost Adjustment, adjusted to compensate for the applicable distribution losses.
3. ~~Plus, a charge of 0.011 cents per kWh will be applied for the recovery of non-purchased power supply cost.~~

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Schedule LCR-1

Page 2

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Schedule PC 4 (unbundled) ————— Load Control Rider ————— Page 1

Filed State Corporation Commission: February 2014

Effective for bills rendered on and after July 5, 2014

Schedule PC-4 (unbundled) ————— Load Control Rider ————— Page 2

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Filed State Corporation Commission: March 16, 2021

Effective for bills rendered on and after January 1, 2022

Schedule LCR-1

Page 2

DETERMINATION OF POWER SUPPLY BILLING DEMANDSA. Power Supply Billing Demands:

S shall be based on the Consumer's actual demand or demands measured coincident with the billing demands as defined in the prevailing ODEC rate applicable to the Cooperative, plus any demand added back to Cooperative's Wholesale Billing Demands by ODEC to compensate for the Consumer's participation in the PJM Demand Response Program.

B. Excess Demand:

The highest average kW of demand measured in any 15 minute interval during the current billing month less the Monthly CP Demand as determined under Power Supply Demand.

LOAD CONTROL CLAUSE

Consumers may voluntarily request this schedule in order to exercise a load control option. Consumers must provide the Cooperative with at least three (3) months notice prior to effectively being placed on this schedule for billing purposes.

The Consumers retains the right and responsibility to make the decisions as to whether to control, curtail, interrupt, or otherwise change their load patterns as their circumstances may dictate.

LOAD CONTROL PERIOD

The Cooperative will make every effort to provide a notice of probability of impending load control period approximately four (4) hours prior to the beginning of the period, but not less than one-half (1/2) hour. This notification will be provided to the Consumer's designated telephone number. There may be a maximum of four (4) hours during any load control period. The number of load control periods will not exceed twelve (12) in a calendar month.

TERMINATION OF CONTRACT

The termination of contract for the purchase of electric service under this schedule shall be such as may be mutually agreed upon, but at least through the next full calendar year but not less than twelve (12) consecutive months.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

Schedule PC-4 (unbundled) Load Control Rider

Page 2

Filed State Corporation Commission: March 16, 2021  
Effective for bills rendered on and after January 1, 2022

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Schedule LCR-1  
Page 2

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Schedule PC-4 (unbundled) Load Control Rider Page 2

Filed State Corporation Commission: February 2014  
Effective for bills rendered on and after July 5, 2014

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Schedule PC-4 (unbundled) Load Control Rider Page 2

Filed State Corporation Commission: March 16, 2021  
Effective for bills rendered on and after January 1, 2022

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SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA

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SCHEDULE CMV-32  
CLOSED MV LIGHT SERVICE

AVAILABILITY

Schedule CMV-2 is available only for existing Mercury-Vapor lights as of the original effective date of this schedule. All fixtures are Mercury-Vapor, equipped with a photoelectric cell to provide dusk-to-dawn service and are connected ahead of the meter.

SERVICE AGREEMENT

- A. For existing CMV Light Service, the Cooperative will maintain an outside light on the premises of the Consumer until the existing light has exceeded its useful life. The Consumer agrees to keep the light for at least 36 months.
- B. The Consumer shall notify the Cooperative when light fails to operate. Light will be serviced within two (2) business days of such notification under normal conditions.
- C. The Consumer shall be billed for the light each billing period at the following rates are based on Cooperative's Standard Light Facilities:

CMV Cobra Style Light Fixture

Light Type	Wattage	Monthly kWhs	Light and Bracket only		Light and Metal Pole	
			Distribution Charge	Supply Charge	Distribution Charge	Supply Charge
A	175	70	\$12.44 3.05	\$3.392 4	N/A	N/A
B	400	157	\$17.86 9.24	\$7.604 8	\$29.39 30.77	\$7.604 8
C	1,000	392	\$32.35 6.76	\$18.97 7.96	N/A	N/A

CMV Post Top Traditionaire or Acorn Style Light

Light Type	Wattage	Monthly kWhs	Light Fixture and Post		Additional Light	
			Distribution Charge	Supply Charge	Distribution Charge	Supply Charge
Post Top	175	70	\$15.2586	\$3.3924	N/A	N/A

SVEC-SCHEDULE-CMV-2Schedule CMV-3Page 2

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CMV Yard Light

Light Type	Wattage	Monthly kWhs	Light and Bracket only	
			Distribution Charge	Supply Charge
Yard Light	175	70	\$9,544.16	\$3,392.4

POWER COST ADJUSTMENT

The above supply charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's Wholesale Power Cost Adjustment Clause, Schedule WPA-5, until replaced by Schedule PCA-1.

INSTALLATION

- A. The Consumer shall pay the cost for extending secondary service to the light location. A charge will be made to the Consumer in the amount of the estimated cost to the Cooperative for installing all necessary facilities to provide service to the lighting system. Also, the Consumer will be charged the estimated cost for any alterations, or adjustments to the existing overhead or underground lines necessary to provide adequate clearance or spacing for the lighting system. Such charges to be collected prior to the start of construction.
- B. Where underground service is requested, the Consumer shall provide at no cost to the Cooperative the necessary right of way for the underground facilities; make certain that the right of way is within six (6) inches of final grade; and that access remains unobstructed for installation, and ongoing operation and maintenance activities while the light is in service. Shrubs, trees, and grass requiring protection from the Cooperative's equipment during installation, operation, and maintenance shall be the responsibility of the property owner.
- C. The facilities will remain the property of, and will be maintained and replaced as may be necessary by, the Cooperative.

REMOVAL COST

- A. In the event of termination prior to the end of the contract period, the Consumer shall pay either the balance of the contract responsibility, or the net cost of installation and removal of the facilities installed by the cooperative to serve the Consumer, whichever is less.

Schedule CMV-32

CLOSED MV Light Service

Page 2

Originally-Filed State Corporation Commission: March 16, February 2014  
Effective for bills rendered on and after January 31, 2022

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

Schedule CMV-~~32~~

CLOSED MV Light Service

Page 3

Originally Filed State Corporation Commission: March 16, February 2014-  
Effective for bills rendered on and after January 31, 2020



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**SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA**

**SCHEDULE HPS-32  
CLOSED HPS LIGHT SERVICE**

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**AVAILABILITY**

Schedule HPS-32 is available only for existing High Pressure Sodium lights in service as of the effective date of this schedule, to all Consumers of the Shenandoah Valley Electric Cooperative for the purpose of providing HPS Light Service to homes, schools, churches, camps, businesses, and municipalities. All fixtures will be Sodium-Vapor, equipped with a photoelectric cell to provide dusk-to-dawn service and will be connected ahead of the meter.

**SERVICE AGREEMENT**

- A. Upon application, the Cooperative will install and maintain an outside light on the premises of the consumer. The consumer agrees to keep the light for at least 36 months.
- B. The consumer shall notify the Cooperative when light fails to operate. Light will be serviced within two (2) business days of such notification under normal conditions.
- C. The consumer shall be billed for the light each billing period at the following rates are based on Cooperative's Standard Light Facilities:

**HPS Cobra Style Light Fixture**

Light Type	Wattage	Monthly kWhs	Light and Bracket only		Light and Metal Pole	
			Distribution Charge	Supply Charge	Distribution Charge	Supply Charge
A	100	39	<del>\$11.1447</del>	<del>\$1.890</del>	<del>\$22.6723.00</del>	<del>\$1.890</del>
B	200	78	<del>\$13.574.24</del>	<del>\$3.7850</del>	<del>\$25.1026.77</del>	<del>\$3.7850</del>
C	400	157	<del>\$19.3820.76</del>	<del>\$7.6048</del>	<del>\$30.9132.29</del>	<del>\$7.6048</del>
D	1,000	392	<del>\$34.2237.62</del>	<del>\$18.9747.06</del>	<del>\$45.7549.46</del>	<del>\$18.9747.06</del>

**HPS Post Top Traditionaire or Acorn Style Light**

Light Type	Wattage	Monthly kWhs	Light Fixture and Post		Additional Light	
			Distribution Charge	Supply Charge	Distribution Charge	Supply Charge
Post Top	100	39	<del>\$13.9414.27</del>	<del>\$1.890</del>	<del>\$9.8640.49</del>	<del>\$1.890</del>

(1) Rate discount of \$4.40 will apply from July 2014 through June 2015, and a rate discount of \$2.20 will apply from July 2015 through June 2016.

Schedule HPS-3Page 2HPS Yard Light

Light Type	Wattage	Monthly kWhs	Light and Bracket only	
			Distribution Charge	Supply Charge
Yard Light	100	39	\$8,248.67	\$1.890

POWER COST ADJUSTMENT

The above supply charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's Wholesale Power Cost Adjustment Clause, Schedule WPA-5, until replaced by Schedule PCA-4.

INSTALLATION

- A. The Consumer shall pay the cost for extending secondary service to the light location. A charge will be made to the Consumer in the amount of the estimated cost to the Cooperative for installing all necessary facilities to provide service to the lighting system. Also, the Consumer will be charged the estimated cost for any alterations, or adjustments to the existing overhead or underground lines necessary to provide adequate clearance or spacing for the lighting system. Such charges to be collected prior to the start of construction.
- B. Where underground service is requested, the consumer shall provide at no cost to the Cooperative the necessary right of way for the underground facilities; make certain that the right of way is within six (6) inches of final grade; and that access remains unobstructed for installation, and ongoing operation and maintenance activities while the light is in service. Shrubs, trees, and grass requiring protection from the Cooperative's equipment during installation, operation, and maintenance shall be the responsibility of the property owner.
- C. The facilities will remain the property of, and will be maintained and replaced as may be necessary, by the Cooperative.

REMOVAL COST

- A. In the event of termination prior to the end of the contract period, the Consumer shall pay either the balance of the contract responsibility, or the net cost of installation and removal of the facilities installed by the cooperative to serve the Consumer, whichever is less.

Schedule HPS-3Page 2

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

Schedule HPS-2

HPS Light Service

Page 3

Filed State Corporation Commission: ~~December~~ March 16, 2019  
Effective for bills rendered on and after January ~~31, 2020~~

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**SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
ROCKINGHAM, VIRGINIA**

**SCHEDULE LED-32  
LED LIGHT SERVICE**

**AVAILABILITY**

Schedule LED-1 is available to all Consumers of the Shenandoah Valley Electric Cooperative for the purpose of providing LED Light Service to homes, schools, churches, camps, businesses, and municipalities. All fixtures will be LED, equipped with a photoelectric cell to provide dusk-to-dawn service and will be connected ahead of the meter.

**SERVICE AGREEMENT**

- A. Upon application, the Cooperative will install and maintain an outside light on the premises of the Consumer. The Consumer agrees to keep the light for at least 36 months.
- B. The Consumer shall notify the Cooperative when light fails to operate. Light will be serviced within two (2) business days of such notification under normal conditions.
- C. The Consumer shall be billed for the light each billing period at the following rates are based on Cooperative's Standard Light Facilities:

**LED Cobra Style Light Fixture**

Light Type	Wattage	Monthly kWhs	Light and Bracket only		Light and Metal Pole	
			Distribution Charge	Supply Charge	Distribution Charge	Supply Charge
A	<u>Up to 67</u>	24	\$113.1440	\$1.1608	\$223.6758	\$1.1608
B	<u>Up to 130</u>	46	\$163.5765	\$2.2308	\$25.107.04	\$2.2308
C	<u>Up to 196</u>	69	\$1922.3868	\$3.314	\$302.9187	\$3.314
D	<u>Up to 433</u>	152	\$34,224.18	\$7,366.94	\$45,754.36	\$7,366.94

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**LED Post Top Traditionaire or Acorn Style Light**

Light Type	Wattage	Monthly kWhs	Light Fixture and Fiberglass Post		Additional Light	
			Distribution Charge	Supply Charge	Distribution Charge	Supply Charge
Post Top	<u>Up to 67</u>	24	\$2213.9433	\$1.1608	\$489.8626	\$1.1608

Schedule LED-3Page 2LED Yard Light

			Light and Bracket only	
Light Type	Wattage	Monthly kWhs	Distribution Charge	Supply Charge
Yard Light	<u>Up to 67</u>	24	<u>\$8.2472</u>	<u>\$1.1608</u>

POWER COST ADJUSTMENT

The above supply charges are subject to the adjustment for changes in Wholesale Power Costs as per the Cooperative's Wholesale Power Cost Adjustment Clause, Schedule WPA-5, until replaced by Schedule PCA-4.

INSTALLATION

- A. The Consumer shall pay the cost for extending secondary service to the light location. A charge will be made to the Consumer in the amount of the estimated cost to the Cooperative for installing all necessary facilities to provide service to the lighting system. Also, the Consumer will be charged the estimated cost for any alterations, or adjustments to the existing overhead or underground lines necessary to provide adequate clearance or spacing for the lighting system. Such charges to be collected prior to the start of construction.
- B. Where underground service is requested, the Consumer shall provide at no cost to the Cooperative the necessary right of way for the underground facilities; make certain that the right of way is within six (6) inches of final grade; and that access remains unobstructed for installation, and ongoing operation and maintenance activities while the light is in service. Shrubs, trees, and grass requiring protection from the Cooperative's equipment during installation, operation, and maintenance shall be the responsibility of the property owner.
- C. The facilities will remain the property of, and will be maintained and replaced as may be necessary by, the Cooperative.

REMOVAL COST

- A. In the event of termination prior to the end of the contract period, the Consumer shall pay either the balance of the contract responsibility, or the net cost of installation and removal of the facilities installed by the cooperative to serve the Consumer, whichever is less.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

Schedule LED-2

LED Light Service

Page 2

Filed State Corporation Commission: March 16, December 2021  
Effective for bills rendered on and after January 1, 2022

**SHENANDOAH VALLEY ELECTRIC COOPERATIVE  
Mt. Crawford, VA**

**SCHEDULE PCA-21  
POWER COST ADJUSTMENT CLAUSE**

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**AVAILABILITY**

Available in all territory served by the Cooperative, subject to the Terms and Conditions of the Cooperative on file with the Virginia State Corporation Commission.

**APPLICABILITY**

This schedule is applicable to and becomes a part of each electric rate schedule in which reference is made to Power Cost Adjustment Rider, Schedule PCA-4.

The Cooperative shall apply a uniform per kWh charge or credit to applicable sales in accordance with the following terms. All definitions and calculations shall be in reference to the total Cooperative system but shall exclude any kWh sales, kWh purchases, and Power Supply Service revenues, and power costs related to service to any customer under an electric service tariff that separately provides for a direct pass through of purchased power expense.

**DEFINITIONS**

PCA	=	Power cost adjustment factor.
PSS Revenue	=	Revenue produced by the base Power Supply Charge part of each tariff.
PSS Base	=	6.351964 cents per kWh sold reflecting the annual system average base PSS Revenue per kWh sold.
kWhs	=	The total projected kWh to be purchased in the applicable rate year times the Loss Factor.
PCp	=	The projected total cost of purchased power for the applicable rate year from all sources, including costs associated with the Energy Adjustment part of the ODEC Tariff, -that will be charged to Account 555.
O	=	Any Over Recovery balance recorded on the Cooperative's balance sheet as of the most recent accounting month available.
U	=	Any Under Recovery balance recorded on the Cooperative's balance sheet as of the most recent accounting month available.

Schedule PCA-2

EA ~~-----~~ = ODEC's Energy Adjustment rate from time to time, expressed in dollars per kWh.

DEFINITIONS (continued)

EA = ODEC's Energy Adjustment rate from time to time, expressed in dollars per kWh.

SEPA/ODEC Factor = The going level ratio of annual ODEC One minus the ratio of annual SEPA kWh purchased to total annual kWh purchased based on historical data or projected data.

Loss Factor = One minus the estimated kWh loss percentage based on historical data.

PETC ~~-----~~ = The final Potomac Edison Rate Mitigation Credit received by the Cooperative from PE July 1, 2014 pursuant to the Commission's Order in Case No. PUE-2009-00101. PETC is excluded from the calculation of the PCA and the Over or Under Recovery calculation.

RIDER OD-14Q ~~-----~~ = A credit factor of \$0.0025 per kWh that will be applied through June 30, 2015 specifically to pass through the PETC. Rider OD-14Q expires June 30, 2015.

FORMULA

In any month there is a change in: a) the ODEC base rates, b) the SEPA Capacity rates or capacity allocation that would materially affect the overall cost of power per kWh, or c) a purchase power price or volume change pursuant to a non-ODEC/non-SEPA power supply contract that would materially affect the overall cost of power per kWh capacity allocation, for application in each month thereafter until changed in accordance with this tariff, a PCA will be computed as follows:

$$PCA = \frac{PCp - O + U}{\text{kWhs}} - \text{PSS Base} + \text{EAr}$$

Where:

EAr will be zero unless there is a change in the EA relative to the EA used for PCp in which case EAr will be calculated as follows and the PCA will be modified to reflect the new EAr:

$$\text{EAr} = (\text{New EA} - \text{EA included in PCp}) \times \text{ODEC SEPA Factor} + \text{Loss Factor}$$

OVER AND UNDER RECOVERY AMOUNT

Schedule PCA-2

The over or under recovery of power cost will be calculated and booked monthly based on the difference between actual purchased power costs in the month (including any charge or credit for an ODEC margin stabilization adjustment and excluding any PETC) and revenues booked in the month equal to the base PSS Revenues, excluding credits from application of Rider OD-14Q; plus, the PCA revenues, less, the product of booked kWh sales for the month times 0.027 cents per kWh.<sup>1</sup> Booked revenues and kWh sales will be net of any applicable unbilled adjustments.

(Over) and Under Recovery Amounts, if any, will be recorded to accounts 253.65 Deferred Credit – PCA or 186.65 Deferred Debit – PCA, with corresponding credits or debits to PCA Power Cost Deferral.

MODIFICATIONS TO THE PCA

The intent of the PCA is to recover the Cooperative's purchased power cost on a dollar for dollar basis. At any time, the Cooperative may re-calculate the PCA to minimize (over) or under recovery of power cost if actual data and more current information for the remainder of the applicable rate year indicate that the PCp, kWhs, or both have sufficiently changed enough to warrant a change in the PCA, or if the (Over) or Under Recovery Amounts become excessive. At a minimum, the PCA will be recalculated once in any twelve-month period to adjust for any accumulated Over or Under Recovery Amount.

RATE YEAR

The rate year is the twelve-month period beginning with the month in which a change in the PCA will occur that is not solely due to a change in EAr.

In addition to the above, the general Terms and Conditions for Supplying Electric Distribution Service of the Cooperative, as filed with the Virginia State Corporation Commission, shall apply.

<sup>1</sup> 0.027 cents represents the cost per kWh of the allocated non-purchased power costs included in the PSS base rates.



**Schedule 5B**  
**Revenue Allocation**

Shenandoah Valley EC  
Class Revenue Allocation  
Jurisdictional Classes

Dollars in Thousands

Exhibit No. \_\_\_\_\_  
Witness: JDG & JMA  
Schedule SB  
Page 1 of 5

Rate Class (Col. 1)	Rate Year					Proposed Revenue With FC (Col. 9)	Change in Revenue Difference (Col. 10)	Net Percent (Col. 11)
	Customers (Col. 2)	MWh (Col. 3)	Present Revenue (Col. 4)	Present Facilities Ch. (Col. 5)	Present Revenue With FC (Col. 6)			
1 Schedule A-12	79,924	1,128,629	\$ 123,289.8	\$ -	\$ 123,289.8	\$ 127,918.6	\$ 4,628.8	3.75%
2 Schedule C-12	442	12,920	\$ 1,372.0	\$ -	\$ 1,372.0	\$ 1,506.8	\$ 134.8	9.83%
3 Schedule S-7	1,747	6,370	\$ 1,184.3	\$ -	\$ 1,184.3	\$ 1,177.2	\$ (7.1)	-0.60%
4 Schedule B-12	13,669	389,962	\$ 39,023.6	\$ 4.9	\$ 39,028.5	\$ 39,224.1	\$ 195.6	0.50%
5 Schedule LP-12	79	692,638	\$ 48,861.8	\$ 757.4	\$ 49,619.2	\$ 49,228.7	\$ 390.5	0.50%
6 Schedule PC-5	13	57,542	\$ 3,807.0	\$ 74.4	\$ 3,881.4	\$ 3,952.8	\$ 71.4	3.45%
7 Schedule CMV-2	-	1,381	\$ 252.0	\$ -	\$ 252.0	\$ 252.0	\$ (0.0)	-0.02%
8 Schedule HPS-2	-	1,581	\$ 426.8	\$ -	\$ 426.8	\$ 426.8	\$ (0.1)	-0.02%
9 Schedule LED-2	-	332	\$ 131.5	\$ -	\$ 131.5	\$ 123.0	\$ (8.5)	-6.45%
10								
11 Subtotal Jurisdictional	95,874	2,290,355	\$ 218,348.8	\$ 836.6	\$ 219,185.5	\$ 223,805.8	\$ 5,325.1	2.43%
12 Facilities Charges	-	-	\$ 836.6	\$ (836.6)	\$ -	\$ 704.8	\$ (704.8)	0.00%
13 Other Revenue	0	0	\$ 2,165.9	\$ -	\$ 2,165.9	\$ 2,165.9	\$ -	0.00%
14 Total Jurisdictional	0	0	\$ 221,351.4	\$ 0.0	\$ 221,351.4	\$ 226,676.5	\$ 5,325.1	2.41%

Jurisdictional System:

2210320142

Shenandoah EC  
Class Revenue Allocation  
All Classes

Exhibit No. \_\_\_\_\_  
Witness: JDG & JMA  
Schedule 5B  
Page 2 of 5

Consumer Classification (Col. 1)	Per Books Equivalent Bills (Col. 2)	Adjusted Equivalent Bills (Col. 3)	Per Books kWh (Col. 4)	Adjusted kWh (Col. 5)	Per Books Revenue (Col. 6)	Adjusted Revenue (Col. 7)	Proposed Revenue (Col. 8)	Difference (Col. 9)	Percent (Col. 10)
<u>1 Jurisdictional System</u>									
<u>2</u>									
<u>3 Residential Schedule A-12</u>									
4 Distribution Revenue	78,806	79,924	1,113,103,331	1,128,629,241	\$ 43,911,702	\$ 47,388,553	\$ 51,896,060	\$ 4,507,506	9.51%
5 PSS Revenue					\$ 81,663,430	\$ 82,796,241	\$ 76,021,812	\$ (6,774,429)	-8.18%
6 PCA Revenue					\$ 3,108,023	\$ (5,895,008)	\$ 739	\$ 6,895,747	-100.01%
7 Total					\$ 128,683,155	\$ 123,289,787	\$ 127,918,611	\$ 4,628,824	3.75%
<u>8</u>									
<u>9 Church Service Schedule C-12</u>									
10 Distribution Revenue	446	442	13,030,642	12,919,680	\$ 589,831	\$ 603,030	\$ 474,510	\$ (133,520)	-21.96%
11 PSS Revenue					\$ 850,127	\$ 842,880	\$ 1,032,309	\$ 189,429	22.47%
12 PCA Revenue					\$ 39,832	\$ (78,929)	\$ 8	\$ 78,937	-100.01%
13 Total					\$ 1,479,790	\$ 1,371,981	\$ 1,506,827	\$ 134,847	9.83%
<u>14</u>									
<u>15 Residential Seasonal Schedule S-7</u>									
16 Distribution Revenue	1,760	1,747	6,410,806	6,370,276	\$ 772,089	\$ 797,608	\$ 762,236	\$ (35,372)	-4.43%
17 PSS Revenue					\$ 428,307	\$ 425,598	\$ 414,994	\$ (10,604)	-2.49%
18 PCA Revenue					\$ 17,247	\$ (38,917)	\$ 4	\$ 38,921	-100.01%
19 Total					\$ 1,217,643	\$ 1,184,289	\$ 1,177,235	\$ (7,054)	-0.60%
<u>20</u>									
<u>21 General Service Schedule B-12</u>									
22 Distribution Revenue	13,692	13,669	389,622,812	388,962,496	\$ 13,806,740	\$ 14,417,528	\$ 14,302,414	\$ (115,114)	-0.80%
23 PSS Revenue					\$ 27,028,269	\$ 26,982,328	\$ 24,917,316	\$ (2,065,012)	-7.65%
24 PCA Revenue					\$ 1,302,352	\$ (2,376,245)	\$ 255	\$ 2,376,500	-100.01%
25 Total					\$ 42,137,361	\$ 39,023,612	\$ 39,219,985	\$ 196,373	0.50%
<u>26</u>									
<u>27 Large Power Service Schedule LP-12</u>									
28 Distribution Revenue	79	79	695,780,511	692,637,720	\$ 7,991,625	\$ 8,253,256	\$ 9,970,615	\$ 1,717,359	20.81%
29 PSS Revenue					\$ 45,026,369	\$ 44,840,044	\$ 39,257,610	\$ (5,582,434)	-12.45%
30 PCA Revenue					\$ 2,386,425	\$ (4,231,454)	\$ 453	\$ 4,231,907	-100.01%
31 Total					\$ 55,404,419	\$ 48,861,846	\$ 49,228,679	\$ 366,832	0.75%
<u>32</u>									
<u>33 Coincident Peak Control Schedule PC-5</u>									
34 Distribution Revenue	13	13	57,542,191	57,542,191	\$ 1,067,478	\$ 1,109,289	\$ 1,271,632	\$ 162,344	14.63%
35 PSS Revenue					\$ 2,699,530	\$ 2,697,688	\$ 2,681,120	\$ (16,568)	-0.61%
36 PCA Revenue					\$	\$	\$	\$	N/A
37 Total					\$ 3,767,008	\$ 3,806,976	\$ 3,952,752	\$ 145,776	3.83%
<u>38</u>									
<u>39 Schedule CMV-2 Lighting Service</u>									
40 Distribution Revenue			1,408,423	1,380,588	\$ 193,754	\$ 197,163	\$ 185,122	\$ (12,040)	-6.11%
41 PSS Revenue					\$ 64,567	\$ 63,292	\$ 66,856	\$ 3,564	5.63%
42 PCA Revenue					\$ 5,030	\$ (8,434)	\$ 1	\$ 8,435	-100.01%
43 Total					\$ 263,350	\$ 252,020	\$ 251,979	\$ (41)	-0.02%
<u>44</u>									

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Shenandoah EC  
Class Revenue Allocation  
All Classes

Exhibit No. \_\_\_\_\_  
Witness: JDG & JMA  
Schedule 5B  
Page 3 of 5

Consumer Classification (Col. 1)	Per Books Equivalent Bills (Col. 2)	Adjusted Equivalent Bills (Col. 3)	Per Books kWh (Col. 4)	Adjusted kWh (Col. 5)	Per Books Revenue (Col. 6)	Adjusted Revenue (Col. 7)	Proposed Revenue (Col. 8)	Difference (Col. 9)	Percent (Col. 10)
<u>Schedule HPS-2 Lighting Service</u>									
45 Distribution Revenue			1,587,542	1,580,688	351,567	363,578	350,159	(13,420)	-3.69%
47 PSS Revenue					73,211	72,898	76,596	3,697	5.07%
48 PCA Revenue					5,434	(9,657)	1	9,658	-100.01%
49 Total					430,212	426,820	426,756	(64)	-0.02%
50									
<u>Schedule LED-2 Lighting Service</u>									
51 Distribution Revenue			294,037	331,860	99,928	118,498	106,954	(11,544)	-9.74%
52 PSS Revenue					13,602	15,023	16,058	1,035	6.89%
53 PCA Revenue					1,005	(2,027)	0	2,028	-100.01%
54 Total					114,535	131,494	123,012	(8,482)	-6.45%
55									
56									
<u>Subtotal Jurisdictional Regular Tariff</u>	94,797	95,874	2,278,780,296	2,290,354,739	68,784,714	73,253,503	79,319,703	6,066,200	8.28%
58 Distribution Revenue					157,847,411	156,735,993	144,484,671	(14,251,322)	-8.98%
59 PSS Revenue					6,865,347	(13,640,671)	1,462	13,642,133	-100.01%
60 PCA Revenue					233,497,472	218,348,825	223,805,836	5,457,011	2.50%
61 Total									
62									
<u>Other Revenue</u>									
63 Facilities Charges					836,637	836,637	704,774	(131,863)	-15.76%
64 Fee, Pole Rental & Misc. Other Revenue					2,165,931	2,165,931	2,165,931		0.00%
65									
66 Grand Total Jurisdictional System	94,797	95,874	2,278,780,296	2,290,354,739	236,500,040	221,351,393	226,676,540	5,325,148	2.41%
67									

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Consumer Classification (Col. 1)	Per Books Equivalent Bills (Col. 2)	Adjusted Equivalent Bills (Col. 3)	Per Books kWh (Col. 4)	Adjusted kWh (Col. 5)	Per Books Revenue (Col. 6)	Adjusted Revenue (Col. 7)	Proposed Revenue (Col. 8)	Difference (Col. 9)	Percent (Col. 10)
Nonjurisdictional System									
<u>Residential Schedule A-12</u>									
<u>Distribution Revenue</u>									
69 PSS Revenue									
70 WPCA Revenue									
71 Total	17	16	199,863	193,736	\$ 8,345	\$ 14,662			
72					\$ 565				
73					\$ 23,572				
<u>General Service Schedule Sch. B-12</u>									
<u>Distribution Revenue</u>									
74 PSS Revenue									
75 PCA Revenue									
76 Total	892	887	72,123,559	71,691,256	\$ 2,342,446	\$ 5,003,222			
77					\$ 238,931				
78					\$ 7,584,599				
<u>Coincident Peak Control Schedule PC-5</u>									
<u>Distribution Revenue</u>									
79 PSS Revenue									
80 PCA Revenue									
81 Total	3	3	17,775,860	17,775,860	\$ 157,225	\$ 755,816			
82					\$ 913,041				
83									
<u>Schedule CMV-2 Lighting Service</u>									
<u>Distribution Revenue</u>									
84 PSS Revenue									
85 PCA Revenue									
86 Total			436,520	403,596	\$ 74,795	\$ 19,991			
87					\$ 1,589				
88					\$ 96,354				
<u>Schedule HPS-2 Lighting Service</u>									
<u>Distribution Revenue</u>									
89 PSS Revenue									
90 PCA Revenue									
91 Total			921,767	679,152	\$ 256,969	\$ 42,510			
92					\$ 3,573				
93					\$ 303,052				
<u>Schedule LED-2 Lighting Service</u>									
<u>Distribution Revenue</u>									
94 PSS Revenue									
95 PCA Revenue									
96 Total									
97									
98									
99									
100									
101									

Shenandoah EC  
Class Revenue Allocation  
All Classes

Exhibit No. \_\_\_\_\_  
Witness: JDG & JMA  
Schedule 5B  
Page 5 of 5

Consumer Classification (Col. 1)	Per Books Equivalent Bills (Col. 2)	Adjusted Equivalent Bills (Col. 3)	Per Books kWh (Col. 4)	Adjusted kWh (Col. 5)	Per Books Revenue (Col. 6)	Adjusted Revenue (Col. 7)	Proposed Revenue (Col. 8)	Difference (Col. 9)	Percent (Col. 10)
102									
103	<u>Total Non-Jurisdictional System</u>								
104	Distribution Revenue		755,680	916,344	\$ 369,515				
105	PSS Revenue				\$ 37,430				
106	PCA Revenue				\$ 2,451				
107	Total				\$ 409,396				
108									
109	Other Revenue	912	92,213,250	91,659,944	\$ 3,209,294				
110	Facilities Charges				\$ 5,873,630				
111	Fee, Pole Rental & Misc. Other Revenue				\$ 247,089				
112					\$ 9,330,014				
113									
114	Grand Total Non-Jurisdictional System				\$ 105,025				
115					\$ 41,094				
116	<u>Total System</u>								
117	Distribution Revenue				\$ 9,476,133				
118	PSS Revenue	912	92,213,250	91,659,944	\$ 71,994,008				
119	PPCA Revenue				\$ 163,721,042				
120	Total				\$ 7,112,437				
121					\$ 242,827,486				
122	Other Revenue:	95,709	2,370,993,546	2,382,014,683	\$ 71,994,008				
123	Facilities Charges				\$ 163,721,042				
124	Fee, Pole Rental & Misc. Other Revenue				\$ 7,112,437				
125					\$ 242,827,486				
126									
127	Own Use				\$ 941,662				
128					\$ 2,207,025				
129	Total								
130									
131			1,114,663	1,114,663	\$				
132									
133		95,709	2,372,108,209	2,383,129,346	\$ 245,976,173				

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**Schedule 6**

**Sample Billing**

Shenandoah Valley EC  
Retail Rate Comparison  
Schedule Schedule A-12 - Single Phase

Exhibit No. —  
Witness: JDG  
Schedule 6  
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	kW (Col. 1)	kWh/kW (Col. 2)	Load Factor (Col. 3)	kWh (Col. 4)	Present		Proposed		Present		Proposed		Difference		Average Percent (1) (Col. 13)
					Summer Amount (Col. 5)	Summer Amount (Col. 6)	Summer Amount (Col. 7)	Summer Percent (Col. 8)	Non-Sum. Amount (Col. 9)	Non-Sum. Amount (Col. 10)	Non-Sum. Amount (Col. 11)	Non-Sum. Percent (Col. 12)	Amount	Percent	
1	2.50	100	13.70%	250	\$ 47.23	\$ 51.11	\$ 3.88	8.22%	\$ 47.23	\$ 51.11	\$ 3.88	8.22%			8.22%
2		120	16.38%	299	\$ 51.58	\$ 55.20	\$ 3.61	7.01%	\$ 51.58	\$ 55.20	\$ 3.61	7.01%			7.01%
3		150	20.55%	375	\$ 58.25	\$ 61.54	\$ 3.29	5.65%	\$ 58.25	\$ 61.54	\$ 3.29	5.65%			5.65%
4		200	27.40%	500	\$ 69.22	\$ 71.98	\$ 2.76	3.99%	\$ 69.22	\$ 71.98	\$ 2.76	3.99%			3.99%
5		250	34.25%	625	\$ 80.18	\$ 82.41	\$ 2.23	2.78%	\$ 80.18	\$ 82.41	\$ 2.23	2.78%			2.78%
6		300	41.10%	750	\$ 91.14	\$ 92.84	\$ 1.70	1.86%	\$ 91.14	\$ 92.84	\$ 1.70	1.86%			1.86%
7															
8	5.00	100	13.70%	500	\$ 69.22	\$ 72.23	\$ 3.01	4.35%	\$ 69.22	\$ 72.23	\$ 3.01	4.35%			4.35%
9		120	16.38%	598	\$ 77.80	\$ 80.39	\$ 2.59	3.33%	\$ 77.80	\$ 80.39	\$ 2.59	3.33%			3.33%
10		150	20.55%	750	\$ 91.14	\$ 93.09	\$ 1.95	2.14%	\$ 91.14	\$ 93.09	\$ 1.95	2.14%			2.14%
11		200	27.40%	1,000	\$ 113.07	\$ 119.24	\$ 6.17	5.46%	\$ 113.07	\$ 113.95	\$ 0.88	0.78%			2.34%
12		250	34.25%	1,250	\$ 134.99	\$ 146.71	\$ 11.72	8.68%	\$ 134.99	\$ 134.81	\$ (0.18)	-0.13%			2.81%
13		300	41.10%	1,500	\$ 156.92	\$ 174.18	\$ 17.27	11.00%	\$ 156.92	\$ 155.68	\$ (1.24)	-0.79%			3.14%
14															
15	9.84	100	13.70%	984	\$ 111.66	\$ 117.96	\$ 6.30	5.64%	\$ 111.66	\$ 113.10	\$ 1.44	1.29%			2.74%
16		120	16.38%	1,177	\$ 128.55	\$ 139.13	\$ 10.57	8.23%	\$ 128.55	\$ 129.17	\$ 0.62	0.48%			3.06%
17		150	20.55%	1,476	\$ 154.81	\$ 172.03	\$ 17.22	11.12%	\$ 154.81	\$ 154.16	\$ (0.66)	-0.42%			3.43%
18		200	27.40%	1,968	\$ 197.96	\$ 226.10	\$ 28.14	14.21%	\$ 197.96	\$ 195.21	\$ (2.75)	-1.39%			3.81%
19		250	34.25%	2,460	\$ 241.11	\$ 280.16	\$ 39.05	16.20%	\$ 241.11	\$ 236.27	\$ (4.84)	-2.01%			4.06%
20		300	41.10%	2,952	\$ 284.26	\$ 334.23	\$ 49.97	17.58%	\$ 284.26	\$ 277.33	\$ (6.93)	-2.44%			4.24%
21															
22	15.00	100	13.70%	1,500	\$ 156.92	\$ 175.18	\$ 18.27	11.64%	\$ 156.92	\$ 156.68	\$ (0.24)	-0.15%			3.78%
23		120	16.38%	1,794	\$ 182.67	\$ 207.45	\$ 24.78	13.57%	\$ 182.67	\$ 181.18	\$ (1.49)	-0.82%			3.98%
24		150	20.55%	2,250	\$ 222.69	\$ 257.60	\$ 34.91	15.68%	\$ 222.69	\$ 219.26	\$ (3.43)	-1.54%			4.20%
25		200	27.40%	3,000	\$ 288.47	\$ 340.02	\$ 51.55	17.87%	\$ 288.47	\$ 281.85	\$ (6.62)	-2.29%			4.43%
26		250	34.25%	3,750	\$ 354.24	\$ 422.44	\$ 68.19	19.25%	\$ 354.24	\$ 344.44	\$ (9.80)	-2.77%			4.57%
27		300	41.10%	4,500	\$ 420.02	\$ 504.85	\$ 84.84	20.20%	\$ 420.02	\$ 407.03	\$ (12.99)	-3.09%			4.67%

Present rate calculations include a PCA factor of \$0.00611 per kWh.

(1) Average percent is the arithmetic average of 4 Summer months and 8 Non-summer months.

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Shenandoah Valley EC  
Retail Rate Comparison  
Schedule Schedule A-12 - Single Phase

Exhibit No. —  
Witness: JDG  
Schedule 6  
Page 1 of 9

	<u>kW</u> (Col. 1)	<u>kWh/kW</u> (Col. 2)	<u>Load Factor</u> (Col. 3)	<u>kWh</u> (Col. 4)	Present Summer		Proposed Summer		Present Non-Sum.		Proposed Non-Sum.		Difference		Average Percent (1) (Col. 13)
					<u>Amount</u> (Col. 5)	<u>Amount</u> (Col. 6)	<u>Amount</u> (Col. 7)	<u>Percent</u> (Col. 8)	<u>Amount</u> (Col. 9)	<u>Amount</u> (Col. 10)	<u>Amount</u> (Col. 11)	<u>Percent</u> (Col. 12)	<u>Amount</u> (Col. 11)	<u>Percent</u> (Col. 12)	
1	2.50	100	13.70%	250	\$ 47.23	\$ 51.11	\$ 3.88	8.22%	\$ 47.23	\$ 51.11	\$ 3.88	8.22%			8.22%
2		120	16.38%	299	\$ 51.58	\$ 55.20	\$ 3.61	7.01%	\$ 51.58	\$ 55.20	\$ 3.61	7.01%			7.01%
3		150	20.55%	375	\$ 58.25	\$ 61.54	\$ 3.29	5.65%	\$ 58.25	\$ 61.54	\$ 3.29	5.65%			5.65%
4		200	27.40%	500	\$ 69.22	\$ 71.98	\$ 2.76	3.99%	\$ 69.22	\$ 71.98	\$ 2.76	3.99%			3.99%
5		250	34.25%	625	\$ 80.18	\$ 82.41	\$ 2.23	2.78%	\$ 80.18	\$ 82.41	\$ 2.23	2.78%			2.78%
6		300	41.10%	750	\$ 91.14	\$ 92.84	\$ 1.70	1.86%	\$ 91.14	\$ 92.84	\$ 1.70	1.86%			1.86%
7															
8	5.00	100	13.70%	500	\$ 69.22	\$ 72.23	\$ 3.01	4.35%	\$ 69.22	\$ 72.23	\$ 3.01	4.35%			4.35%
9		120	16.38%	598	\$ 77.80	\$ 80.39	\$ 2.59	3.33%	\$ 77.80	\$ 80.39	\$ 2.59	3.33%			3.33%
10		150	20.55%	750	\$ 91.14	\$ 93.09	\$ 1.95	2.14%	\$ 91.14	\$ 93.09	\$ 1.95	2.14%			2.14%
11		200	27.40%	1,000	\$ 113.07	\$ 119.24	\$ 6.17	5.46%	\$ 113.07	\$ 113.95	\$ 0.88	0.78%			2.34%
12		250	34.25%	1,250	\$ 134.99	\$ 146.71	\$ 11.72	8.88%	\$ 134.99	\$ 134.81	\$ (0.18)	-0.13%			2.81%
13		300	41.10%	1,500	\$ 156.92	\$ 174.18	\$ 17.27	11.00%	\$ 156.92	\$ 155.68	\$ (1.24)	-0.79%			3.14%
14															
15	9.84	100	13.70%	984	\$ 111.66	\$ 117.96	\$ 6.30	5.64%	\$ 111.66	\$ 113.10	\$ 1.44	1.29%			2.74%
16		120	16.38%	1,177	\$ 128.55	\$ 139.13	\$ 10.57	8.23%	\$ 128.55	\$ 129.17	\$ 0.62	0.48%			3.06%
17		150	20.55%	1,476	\$ 154.81	\$ 172.03	\$ 17.22	11.12%	\$ 154.81	\$ 154.16	\$ (0.66)	-0.42%			3.43%
18		200	27.40%	1,968	\$ 197.96	\$ 226.10	\$ 28.14	14.21%	\$ 197.96	\$ 195.21	\$ (2.75)	-1.39%			3.81%
19		250	34.25%	2,460	\$ 241.11	\$ 280.16	\$ 39.05	16.20%	\$ 241.11	\$ 236.27	\$ (4.84)	-2.01%			4.06%
20		300	41.10%	2,952	\$ 284.26	\$ 334.23	\$ 49.97	17.58%	\$ 284.26	\$ 277.33	\$ (6.93)	-2.44%			4.24%
21															
22	15.00	100	13.70%	1,500	\$ 156.92	\$ 175.18	\$ 18.27	11.64%	\$ 156.92	\$ 156.68	\$ (0.24)	-0.15%			3.78%
23		120	16.38%	1,794	\$ 182.67	\$ 207.45	\$ 24.78	13.57%	\$ 182.67	\$ 181.18	\$ (1.49)	-0.82%			3.98%
24		150	20.55%	2,250	\$ 222.69	\$ 257.60	\$ 34.91	15.68%	\$ 222.69	\$ 219.26	\$ (3.43)	-1.54%			4.20%
25		200	27.40%	3,000	\$ 288.47	\$ 340.02	\$ 51.55	17.87%	\$ 288.47	\$ 281.85	\$ (6.62)	-2.29%			4.43%
26		250	34.25%	3,750	\$ 354.24	\$ 422.44	\$ 68.19	19.25%	\$ 354.24	\$ 344.44	\$ (9.80)	-2.77%			4.57%
27		300	41.10%	4,500	\$ 420.02	\$ 504.85	\$ 84.84	20.20%	\$ 420.02	\$ 407.03	\$ (12.99)	-3.09%			4.67%

Present rate calculations include a PCA factor of \$0.00611 per kWh.

(1) Average percent is the arithmetic average of 4 Summer months and 8 Non-summer months.

277025012

Shenandoah Valley EC  
Retail Rate Comparison  
Schedule Schedule A-12 - Three Phase

Exhibit No. —  
Witness: JDG  
Schedule 6  
Page 2 of 9

	kW (Col. 1)	kWh/kW (Col. 2)	Load Factor (Col. 3)	kWh (Col. 4)	Present Summer		Proposed Summer		Difference		Present Non-Sum.		Proposed Non-Sum.		Difference		Average Percent (1) (Col. 13)
					Amount (Col. 5)	Percent (Col. 6)	Amount (Col. 7)	Percent (Col. 8)	Amount (Col. 9)	Percent (Col. 10)	Amount (Col. 11)	Percent (Col. 12)	Amount (Col. 13)	Percent (Col. 14)	Amount (Col. 15)	Percent (Col. 16)	
1	2.50	100	13.70%	250	\$ 50.38	\$ 58.61	\$ 8.23	16.34%	\$ 50.38	\$ 58.61	\$ 8.23	16.34%	\$ 58.61	\$ 58.61	\$ 8.23	16.34%	16.34%
2		120	16.38%	299	\$ 54.73	\$ 62.70	\$ 7.96	14.55%	\$ 54.73	\$ 62.70	\$ 7.96	14.55%	\$ 62.70	\$ 62.70	\$ 7.96	14.55%	14.55%
3		150	20.55%	375	\$ 61.40	\$ 69.04	\$ 7.64	12.44%	\$ 61.40	\$ 69.04	\$ 7.64	12.44%	\$ 69.04	\$ 69.04	\$ 7.64	12.44%	12.44%
4		200	27.40%	500	\$ 72.37	\$ 79.48	\$ 7.11	9.82%	\$ 72.37	\$ 79.48	\$ 7.11	9.82%	\$ 79.48	\$ 79.48	\$ 7.11	9.82%	9.82%
5		250	34.25%	625	\$ 83.33	\$ 89.91	\$ 6.58	7.89%	\$ 83.33	\$ 89.91	\$ 6.58	7.89%	\$ 89.91	\$ 89.91	\$ 6.58	7.89%	7.89%
6		300	41.10%	750	\$ 94.29	\$ 100.34	\$ 6.05	6.41%	\$ 94.29	\$ 100.34	\$ 6.05	6.41%	\$ 100.34	\$ 100.34	\$ 6.05	6.41%	6.41%
7																	
8	5.00	100	13.70%	500	\$ 72.37	\$ 79.73	\$ 7.36	10.17%	\$ 72.37	\$ 79.73	\$ 7.36	10.17%	\$ 79.73	\$ 79.73	\$ 7.36	10.17%	10.17%
9		120	16.38%	598	\$ 80.95	\$ 87.89	\$ 6.94	8.58%	\$ 80.95	\$ 87.89	\$ 6.94	8.58%	\$ 87.89	\$ 87.89	\$ 6.94	8.58%	8.58%
10		150	20.55%	750	\$ 94.29	\$ 100.59	\$ 6.30	6.68%	\$ 94.29	\$ 100.59	\$ 6.30	6.68%	\$ 100.59	\$ 100.59	\$ 6.30	6.68%	6.68%
11		200	27.40%	1,000	\$ 116.22	\$ 126.74	\$ 10.52	9.05%	\$ 116.22	\$ 126.74	\$ 10.52	9.05%	\$ 126.74	\$ 126.74	\$ 10.52	9.05%	9.05%
12		250	34.25%	1,250	\$ 138.14	\$ 154.21	\$ 16.07	11.63%	\$ 138.14	\$ 154.21	\$ 16.07	11.63%	\$ 154.21	\$ 154.21	\$ 16.07	11.63%	11.63%
13		300	41.10%	1,500	\$ 160.07	\$ 181.68	\$ 21.62	13.51%	\$ 160.07	\$ 181.68	\$ 21.62	13.51%	\$ 181.68	\$ 181.68	\$ 21.62	13.51%	13.51%
14																	
15	9.84	100	13.70%	984	\$ 114.81	\$ 125.46	\$ 10.65	9.28%	\$ 114.81	\$ 125.46	\$ 10.65	9.28%	\$ 125.46	\$ 125.46	\$ 10.65	9.28%	9.28%
16		120	16.38%	1,177	\$ 131.70	\$ 146.63	\$ 14.92	11.33%	\$ 131.70	\$ 146.63	\$ 14.92	11.33%	\$ 146.63	\$ 146.63	\$ 14.92	11.33%	11.33%
17		150	20.55%	1,476	\$ 157.96	\$ 179.53	\$ 21.57	13.65%	\$ 157.96	\$ 179.53	\$ 21.57	13.65%	\$ 179.53	\$ 179.53	\$ 21.57	13.65%	13.65%
18		200	27.40%	1,968	\$ 201.11	\$ 233.60	\$ 32.49	16.15%	\$ 201.11	\$ 233.60	\$ 32.49	16.15%	\$ 233.60	\$ 233.60	\$ 32.49	16.15%	16.15%
19		250	34.25%	2,460	\$ 244.26	\$ 287.66	\$ 43.40	17.77%	\$ 244.26	\$ 287.66	\$ 43.40	17.77%	\$ 287.66	\$ 287.66	\$ 43.40	17.77%	17.77%
20		300	41.10%	2,952	\$ 287.41	\$ 341.73	\$ 54.32	18.90%	\$ 287.41	\$ 341.73	\$ 54.32	18.90%	\$ 341.73	\$ 341.73	\$ 54.32	18.90%	18.90%
21																	
22	15.00	100	13.70%	1,500	\$ 160.07	\$ 182.68	\$ 22.62	14.13%	\$ 160.07	\$ 182.68	\$ 22.62	14.13%	\$ 182.68	\$ 182.68	\$ 22.62	14.13%	14.13%
23		120	16.38%	1,794	\$ 185.82	\$ 214.95	\$ 29.13	15.68%	\$ 185.82	\$ 214.95	\$ 29.13	15.68%	\$ 214.95	\$ 214.95	\$ 29.13	15.68%	15.68%
24		150	20.55%	2,250	\$ 225.84	\$ 265.10	\$ 39.26	17.38%	\$ 225.84	\$ 265.10	\$ 39.26	17.38%	\$ 265.10	\$ 265.10	\$ 39.26	17.38%	17.38%
25		200	27.40%	3,000	\$ 291.62	\$ 347.52	\$ 55.90	19.17%	\$ 291.62	\$ 347.52	\$ 55.90	19.17%	\$ 347.52	\$ 347.52	\$ 55.90	19.17%	19.17%
26		250	34.25%	3,750	\$ 357.39	\$ 429.94	\$ 72.54	20.30%	\$ 357.39	\$ 429.94	\$ 72.54	20.30%	\$ 429.94	\$ 429.94	\$ 72.54	20.30%	20.30%
27		300	41.10%	4,500	\$ 423.17	\$ 512.35	\$ 89.19	21.08%	\$ 423.17	\$ 512.35	\$ 89.19	21.08%	\$ 512.35	\$ 512.35	\$ 89.19	21.08%	21.08%

Present rate calculations include a PCA factor of \$0.00611 per kWh.

(1) Average percent is the arithmetic average of 4 Summer months and 8 Non-summer months.

20100000

Shenandoah Valley EC

Retail Rate Comparison

Schedule Schedule C-12 - Single Phase

Exhibit No. \_\_\_\_\_

Witness: JDG

Schedule 6

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	kW (Col. 1)	kWh/kW (Col. 2)	Load Factor (Col. 3)	kWh (Col. 4)	Present		Proposed		Difference		Present		Proposed		Difference		Average Percent (1) (Col. 13)
					Summer Amount (Col. 5)	Summer Amount (Col. 6)	Summer Amount (Col. 7)	Summer Amount (Col. 8)	Non-Sum. Amount (Col. 9)	Non-Sum. Amount (Col. 10)	Amount (Col. 11)	Percent (Col. 12)					
1	7.50	50	6.85%	375	\$ 74.36	\$ 76.55	\$ 2.19	2.94%	\$ 74.36	\$ 70.66	\$ (3.69)	-4.97%	\$ 70.66	\$ (3.69)	-4.97%	-2.33%	
2		90	12.33%	675	\$ 101.61	\$ 111.03	\$ 9.42	9.27%	\$ 101.61	\$ 100.44	\$ (1.17)	-1.15%	\$ 100.44	\$ (1.17)	-1.15%	2.32%	
3		150	20.55%	1,125	\$ 142.48	\$ 162.74	\$ 20.26	14.22%	\$ 142.48	\$ 145.08	\$ 2.61	1.83%	\$ 145.08	\$ 2.61	1.83%	5.96%	
4		200	27.40%	1,500	\$ 176.54	\$ 205.83	\$ 29.29	16.59%	\$ 176.54	\$ 182.30	\$ 5.76	3.26%	\$ 182.30	\$ 5.76	3.26%	7.70%	
5		250	34.25%	1,875	\$ 210.15	\$ 247.05	\$ 36.90	17.56%	\$ 210.15	\$ 217.63	\$ 7.48	3.56%	\$ 217.63	\$ 7.48	3.56%	8.22%	
6		300	41.10%	2,250	\$ 243.77	\$ 288.27	\$ 44.50	18.26%	\$ 243.77	\$ 252.97	\$ 9.20	3.77%	\$ 252.97	\$ 9.20	3.77%	8.60%	
7																	
8	15.00	50	6.85%	750	\$ 108.42	\$ 120.39	\$ 11.97	11.04%	\$ 108.42	\$ 108.62	\$ 0.21	0.19%	\$ 108.62	\$ 0.21	0.19%	3.81%	
9		90	12.33%	1,350	\$ 162.93	\$ 189.36	\$ 26.43	16.22%	\$ 162.93	\$ 168.17	\$ 5.25	3.22%	\$ 168.17	\$ 5.25	3.22%	7.55%	
10		150	20.55%	2,250	\$ 243.77	\$ 289.02	\$ 45.25	18.56%	\$ 243.77	\$ 253.72	\$ 9.95	4.08%	\$ 253.72	\$ 9.95	4.08%	8.91%	
11		200	27.40%	3,000	\$ 311.00	\$ 371.46	\$ 60.46	19.44%	\$ 311.00	\$ 324.39	\$ 13.39	4.31%	\$ 324.39	\$ 13.39	4.31%	9.35%	
12		250	34.25%	3,750	\$ 378.23	\$ 453.90	\$ 75.67	20.01%	\$ 378.23	\$ 395.06	\$ 16.83	4.45%	\$ 395.06	\$ 16.83	4.45%	9.64%	
13		300	41.10%	4,500	\$ 445.46	\$ 536.34	\$ 90.88	20.40%	\$ 445.46	\$ 465.74	\$ 20.28	4.55%	\$ 465.74	\$ 20.28	4.55%	9.84%	
14																	
15	27.00	50	6.85%	1,350	\$ 162.91	\$ 190.54	\$ 27.63	16.96%	\$ 162.91	\$ 169.36	\$ 6.45	3.96%	\$ 169.36	\$ 6.45	3.96%	8.29%	
16		90	12.33%	2,430	\$ 259.93	\$ 310.03	\$ 50.11	19.28%	\$ 259.93	\$ 271.90	\$ 11.98	4.61%	\$ 271.90	\$ 11.98	4.61%	9.50%	
17		150	20.55%	4,050	\$ 405.12	\$ 488.08	\$ 82.96	20.48%	\$ 405.12	\$ 424.53	\$ 19.41	4.79%	\$ 424.53	\$ 19.41	4.79%	10.02%	
18		200	27.40%	5,400	\$ 526.14	\$ 636.47	\$ 110.33	20.97%	\$ 526.14	\$ 551.74	\$ 25.61	4.87%	\$ 551.74	\$ 25.61	4.87%	10.23%	
19		250	34.25%	6,750	\$ 647.15	\$ 784.86	\$ 137.71	21.28%	\$ 647.15	\$ 678.95	\$ 31.80	4.91%	\$ 678.95	\$ 31.80	4.91%	10.37%	
20		300	41.10%	8,100	\$ 768.16	\$ 933.25	\$ 165.09	21.49%	\$ 768.16	\$ 806.16	\$ 38.00	4.95%	\$ 806.16	\$ 38.00	4.95%	10.46%	
21																	
22	50.00	50	6.85%	2,500	\$ 266.18	\$ 320.00	\$ 53.82	20.22%	\$ 266.18	\$ 280.78	\$ 14.60	5.48%	\$ 280.78	\$ 14.60	5.48%	10.40%	
23		90	12.33%	4,500	\$ 445.50	\$ 539.89	\$ 94.39	21.19%	\$ 445.50	\$ 469.28	\$ 23.78	5.34%	\$ 469.28	\$ 23.78	5.34%	10.62%	
24		150	20.55%	7,500	\$ 714.38	\$ 869.60	\$ 155.22	21.73%	\$ 714.38	\$ 751.93	\$ 37.55	5.26%	\$ 751.93	\$ 37.55	5.26%	10.75%	
25		200	27.40%	10,000	\$ 938.48	\$ 1,144.40	\$ 205.92	21.94%	\$ 938.48	\$ 987.50	\$ 49.02	5.22%	\$ 987.50	\$ 49.02	5.22%	10.80%	
26		250	34.25%	12,500	\$ 1,162.58	\$ 1,419.20	\$ 256.62	22.07%	\$ 1,162.58	\$ 1,223.08	\$ 60.50	5.20%	\$ 1,223.08	\$ 60.50	5.20%	10.83%	
27		300	41.10%	15,000	\$ 1,386.68	\$ 1,694.00	\$ 307.32	22.16%	\$ 1,386.68	\$ 1,458.65	\$ 71.97	5.19%	\$ 1,458.65	\$ 71.97	5.19%	10.85%	

Present rate calculations include a PCA factor of \$0.00611 per kWh.

(1) Average percent is the arithmetic average of 4 Summer months and 8 Non-summer months.

20200201

Shenandoah Valley EC  
Retail Rate Comparison  
Schedule Schedule C-12 - Three Phase

Exhibit No. —  
Witness: JDG  
Schedule 6  
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	kW (Col. 1)	kWh/kW (Col. 2)	Load Factor (Col. 3)	kWh (Col. 4)	Present		Proposed		Difference		Present		Proposed		Difference		Average Percent (1) Percent (1) (Col. 13)
					Summer Amount (Col. 5)	Summer Amount (Col. 6)	Summer Amount (Col. 7)	Summer Amount (Col. 8)	Non-Sum. Amount (Col. 9)	Non-Sum. Amount (Col. 10)	Amount (Col. 11)	Percent (Col. 12)					
1	7.50	50	6.85%	375	\$ 77.51	\$ 84.05	\$ 6.54	8.44%	\$ 77.51	\$ 78.16	\$ 0.66	0.85%	\$ 77.51	\$ 78.16	\$ 0.66	0.85%	3.38%
2		90	12.33%	675	\$ 104.76	\$ 118.53	\$ 13.77	13.14%	\$ 104.76	\$ 107.94	\$ 3.18	3.03%	\$ 104.76	\$ 107.94	\$ 3.18	3.03%	6.40%
3		150	20.55%	1,125	\$ 145.63	\$ 170.24	\$ 24.61	16.90%	\$ 145.63	\$ 152.58	\$ 6.96	4.78%	\$ 145.63	\$ 152.58	\$ 6.96	4.78%	8.82%
4		200	27.40%	1,500	\$ 179.69	\$ 213.33	\$ 33.64	18.72%	\$ 179.69	\$ 189.80	\$ 10.11	5.62%	\$ 179.69	\$ 189.80	\$ 10.11	5.62%	9.99%
5		250	34.25%	1,875	\$ 213.30	\$ 254.55	\$ 41.25	19.34%	\$ 213.30	\$ 225.13	\$ 11.83	5.54%	\$ 213.30	\$ 225.13	\$ 11.83	5.54%	10.14%
6		300	41.10%	2,250	\$ 246.92	\$ 295.77	\$ 48.85	19.78%	\$ 246.92	\$ 260.47	\$ 13.55	5.49%	\$ 246.92	\$ 260.47	\$ 13.55	5.49%	10.25%
7																	
8	15.00	50	6.85%	750	\$ 111.57	\$ 127.89	\$ 16.32	14.63%	\$ 111.57	\$ 116.12	\$ 4.56	4.08%	\$ 111.57	\$ 116.12	\$ 4.56	4.08%	7.60%
9		90	12.33%	1,350	\$ 166.08	\$ 196.86	\$ 30.78	18.53%	\$ 166.08	\$ 175.67	\$ 9.60	5.78%	\$ 166.08	\$ 175.67	\$ 9.60	5.78%	10.03%
10		150	20.55%	2,250	\$ 246.92	\$ 296.52	\$ 49.60	20.09%	\$ 246.92	\$ 261.22	\$ 14.30	5.79%	\$ 246.92	\$ 261.22	\$ 14.30	5.79%	10.56%
11		200	27.40%	3,000	\$ 314.15	\$ 378.96	\$ 64.81	20.63%	\$ 314.15	\$ 331.89	\$ 17.74	5.65%	\$ 314.15	\$ 331.89	\$ 17.74	5.65%	10.64%
12		250	34.25%	3,750	\$ 381.38	\$ 461.40	\$ 80.02	20.98%	\$ 381.38	\$ 402.56	\$ 21.18	5.55%	\$ 381.38	\$ 402.56	\$ 21.18	5.55%	10.70%
13		300	41.10%	4,500	\$ 448.61	\$ 543.84	\$ 95.23	21.23%	\$ 448.61	\$ 473.24	\$ 24.63	5.49%	\$ 448.61	\$ 473.24	\$ 24.63	5.49%	10.74%
14																	
15	27.00	50	6.85%	1,350	\$ 166.06	\$ 198.04	\$ 31.98	19.26%	\$ 166.06	\$ 176.86	\$ 10.80	6.50%	\$ 166.06	\$ 176.86	\$ 10.80	6.50%	10.75%
16		90	12.33%	2,430	\$ 263.08	\$ 317.53	\$ 54.46	20.70%	\$ 263.08	\$ 279.40	\$ 16.33	6.21%	\$ 263.08	\$ 279.40	\$ 16.33	6.21%	11.04%
17		150	20.55%	4,050	\$ 408.27	\$ 495.58	\$ 87.31	21.38%	\$ 408.27	\$ 432.03	\$ 23.76	5.82%	\$ 408.27	\$ 432.03	\$ 23.76	5.82%	11.01%
18		200	27.40%	5,400	\$ 529.29	\$ 643.97	\$ 114.68	21.67%	\$ 529.29	\$ 559.24	\$ 29.96	5.66%	\$ 529.29	\$ 559.24	\$ 29.96	5.66%	11.00%
19		250	34.25%	6,750	\$ 650.30	\$ 792.36	\$ 142.06	21.85%	\$ 650.30	\$ 686.45	\$ 36.15	5.56%	\$ 650.30	\$ 686.45	\$ 36.15	5.56%	10.99%
20		300	41.10%	8,100	\$ 771.31	\$ 940.75	\$ 169.44	21.97%	\$ 771.31	\$ 813.66	\$ 42.35	5.49%	\$ 771.31	\$ 813.66	\$ 42.35	5.49%	10.98%
21																	
22	50.00	50	6.85%	2,500	\$ 269.33	\$ 327.50	\$ 58.17	21.60%	\$ 269.33	\$ 288.28	\$ 18.95	7.03%	\$ 269.33	\$ 288.28	\$ 18.95	7.03%	11.89%
23		90	12.33%	4,500	\$ 448.65	\$ 547.39	\$ 98.74	22.01%	\$ 448.65	\$ 476.78	\$ 28.13	6.27%	\$ 448.65	\$ 476.78	\$ 28.13	6.27%	11.52%
24		150	20.55%	7,500	\$ 717.53	\$ 877.10	\$ 159.57	22.24%	\$ 717.53	\$ 759.43	\$ 41.90	5.84%	\$ 717.53	\$ 759.43	\$ 41.90	5.84%	11.31%
25		200	27.40%	10,000	\$ 941.63	\$ 1,151.90	\$ 210.27	22.33%	\$ 941.63	\$ 995.00	\$ 53.37	5.67%	\$ 941.63	\$ 995.00	\$ 53.37	5.67%	11.22%
26		250	34.25%	12,500	\$ 1,165.73	\$ 1,426.70	\$ 260.97	22.39%	\$ 1,165.73	\$ 1,230.58	\$ 64.85	5.56%	\$ 1,165.73	\$ 1,230.58	\$ 64.85	5.56%	11.17%
27		300	41.10%	15,000	\$ 1,389.83	\$ 1,701.50	\$ 311.67	22.43%	\$ 1,389.83	\$ 1,466.15	\$ 76.32	5.49%	\$ 1,389.83	\$ 1,466.15	\$ 76.32	5.49%	11.14%

Present rate calculations include a PCA factor of \$0.00611 per kWh.

(1) Average percent is the arithmetic average of 4 Summer months and 8 Non-summer months.

20200202

Shenandoah Valley EC

Retail Rate Comparison

Schedule Schedule S-7 - Single Phase  
to Schedule A-13

Exhibit No. —  
Witness: JDG  
Schedule 6  
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	kW (Col. 1)	kWh/kW (Col. 2)	Load Factor (Col. 3)	kWh (Col. 4)	Present Summer		Proposed Summer		Difference		Present Non-Sum.		Proposed Non-Sum.		Difference		Average Percent (1) (Col. 13)
					Amount (Col. 5)	Percent (Col. 6)	Amount (Col. 7)	Percent (Col. 8)	Amount (Col. 9)	Percent (Col. 10)	Amount (Col. 11)	Percent (Col. 12)	Amount (Col. 13)	Percent (Col. 14)	Amount (Col. 15)	Percent (Col. 16)	
1	2.50	100	13.70%	250	\$ 55.65	\$ 51.11	\$ (4.54)	-8.16%	\$ 55.65	\$ 51.11	\$ (4.54)	-8.16%	\$ 55.65	\$ 51.11	\$ (4.54)	-8.16%	-8.16%
2		120	16.38%	299	\$ 61.14	\$ 55.20	\$ (5.94)	-9.72%	\$ 61.14	\$ 55.20	\$ (5.94)	-9.72%	\$ 61.14	\$ 55.20	\$ (5.94)	-9.72%	-9.72%
3		150	20.55%	375	\$ 67.35	\$ 61.54	\$ (5.80)	-8.61%	\$ 67.35	\$ 61.54	\$ (5.80)	-8.61%	\$ 67.35	\$ 61.54	\$ (5.80)	-8.61%	-8.61%
4		200	27.40%	500	\$ 77.49	\$ 71.98	\$ (5.51)	-7.12%	\$ 77.49	\$ 71.98	\$ (5.51)	-7.12%	\$ 77.49	\$ 71.98	\$ (5.51)	-7.12%	-7.12%
5		250	34.25%	625	\$ 87.63	\$ 82.41	\$ (5.23)	-5.96%	\$ 87.63	\$ 82.41	\$ (5.23)	-5.96%	\$ 87.63	\$ 82.41	\$ (5.23)	-5.96%	-5.96%
6		300	41.10%	750	\$ 97.78	\$ 92.84	\$ (4.94)	-5.05%	\$ 97.78	\$ 92.84	\$ (4.94)	-5.05%	\$ 97.78	\$ 92.84	\$ (4.94)	-5.05%	-5.05%
7																	
8	5.00	100	13.70%	500	\$ 77.49	\$ 72.23	\$ (5.26)	-6.79%	\$ 77.49	\$ 72.23	\$ (5.26)	-6.79%	\$ 77.49	\$ 72.23	\$ (5.26)	-6.79%	-6.79%
9		120	16.38%	598	\$ 85.43	\$ 80.39	\$ (5.04)	-5.90%	\$ 85.43	\$ 80.39	\$ (5.04)	-5.90%	\$ 85.43	\$ 80.39	\$ (5.04)	-5.90%	-5.90%
10		150	20.55%	750	\$ 97.78	\$ 93.09	\$ (4.69)	-4.80%	\$ 97.78	\$ 93.09	\$ (4.69)	-4.80%	\$ 97.78	\$ 93.09	\$ (4.69)	-4.80%	-4.80%
11		200	27.40%	1,000	\$ 118.06	\$ 119.24	\$ 1.17	0.99%	\$ 118.06	\$ 119.95	\$ (4.11)	-3.48%	\$ 118.06	\$ 113.95	\$ (4.11)	-3.48%	-1.99%
12		250	34.25%	1,250	\$ 138.35	\$ 146.71	\$ 8.36	6.04%	\$ 138.35	\$ 134.81	\$ (3.54)	-2.56%	\$ 138.35	\$ 134.81	\$ (3.54)	-2.56%	0.31%
13		300	41.10%	1,500	\$ 158.64	\$ 174.18	\$ 15.54	9.80%	\$ 158.64	\$ 155.68	\$ (2.96)	-1.87%	\$ 158.64	\$ 155.68	\$ (2.96)	-1.87%	2.02%
14																	
15	9.84	100	13.70%	984	\$ 116.77	\$ 117.96	\$ 1.20	1.03%	\$ 116.77	\$ 113.10	\$ (3.67)	-3.14%	\$ 116.77	\$ 113.10	\$ (3.67)	-3.14%	-1.75%
16		120	16.38%	1,177	\$ 132.40	\$ 139.13	\$ 6.73	5.09%	\$ 132.40	\$ 129.17	\$ (3.22)	-2.43%	\$ 132.40	\$ 129.17	\$ (3.22)	-2.43%	0.07%
17		150	20.55%	1,476	\$ 156.69	\$ 172.03	\$ 15.34	9.79%	\$ 156.69	\$ 154.16	\$ (2.54)	-1.62%	\$ 156.69	\$ 154.16	\$ (2.54)	-1.62%	2.18%
18		200	27.40%	1,968	\$ 196.62	\$ 226.10	\$ 29.48	14.99%	\$ 196.62	\$ 195.21	\$ (1.40)	-0.71%	\$ 196.62	\$ 195.21	\$ (1.40)	-0.71%	4.52%
19		250	34.25%	2,460	\$ 236.54	\$ 280.16	\$ 43.62	18.44%	\$ 236.54	\$ 236.27	\$ (0.27)	-0.11%	\$ 236.54	\$ 236.27	\$ (0.27)	-0.11%	6.07%
20		300	41.10%	2,952	\$ 276.47	\$ 334.23	\$ 57.76	20.89%	\$ 276.47	\$ 277.33	\$ 0.86	0.31%	\$ 276.47	\$ 277.33	\$ 0.86	0.31%	7.17%
21																	
22	15.00	100	13.70%	1,500	\$ 158.64	\$ 175.18	\$ 16.54	10.43%	\$ 158.64	\$ 156.68	\$ (1.96)	-1.24%	\$ 158.64	\$ 156.68	\$ (1.96)	-1.24%	2.65%
23		120	16.38%	1,794	\$ 182.47	\$ 207.45	\$ 24.98	13.69%	\$ 182.47	\$ 181.18	\$ (1.29)	-0.71%	\$ 182.47	\$ 181.18	\$ (1.29)	-0.71%	4.09%
24		150	20.55%	2,250	\$ 219.50	\$ 257.60	\$ 38.10	17.36%	\$ 219.50	\$ 219.26	\$ (0.24)	-0.11%	\$ 219.50	\$ 219.26	\$ (0.24)	-0.11%	5.71%
25		200	27.40%	3,000	\$ 280.36	\$ 340.02	\$ 59.65	21.28%	\$ 280.36	\$ 281.85	\$ 1.49	0.53%	\$ 280.36	\$ 281.85	\$ 1.49	0.53%	7.45%
26		250	34.25%	3,750	\$ 341.23	\$ 422.44	\$ 81.21	23.80%	\$ 341.23	\$ 344.44	\$ 3.21	0.94%	\$ 341.23	\$ 344.44	\$ 3.21	0.94%	8.56%
27		300	41.10%	4,500	\$ 402.09	\$ 504.85	\$ 102.76	25.56%	\$ 402.09	\$ 407.03	\$ 4.94	1.23%	\$ 402.09	\$ 407.03	\$ 4.94	1.23%	9.34%

Present rate calculations include a PCA factor of \$0.00611 per kWh.

(1) Average percent is the arithmetic average of 4 Summer months and 8 Non-summer months.

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Shenandoah Valley EC  
Retail Rate Comparison  
Schedule B-12 - Single Phase

Exhibit No. —  
Witness: JDG  
Schedule 6  
Page 6 of 9

	kW (Col. 1)	kWh/kW (Col. 2)	Load Factor (Col. 3)	kWh (Col. 4)	Present		Proposed		Difference		Present		Proposed		Difference		Average Percent(1) (Col. 13)
					Summer Amount (Col. 5)	Summer Amount (Col. 6)	Amount (Col. 7)	Percent (Col. 8)	Non-Sum. Amount (Col. 9)	Non-Sum. Amount (Col. 10)	Amount (Col. 11)	Percent (Col. 12)					
1	7.50	100	13.70%	750	\$ 117.88	\$ 118.58	\$ 0.70	0.59%	\$ 117.88	\$ 111.73	\$ (6.15)	\$ -5.22%	\$ 117.88	\$ 111.73	\$ (6.15)	\$ -5.22%	-3.28%
2		150	20.55%	1,125	\$ 142.26	\$ 145.41	\$ 3.15	2.21%	\$ 142.26	\$ 135.14	\$ (7.13)	\$ -5.01%	\$ 142.26	\$ 135.14	\$ (7.13)	\$ -5.01%	-2.60%
3		200	27.40%	1,500	\$ 166.65	\$ 172.24	\$ 5.59	3.35%	\$ 166.65	\$ 158.54	\$ (8.10)	\$ -4.86%	\$ 166.65	\$ 158.54	\$ (8.10)	\$ -4.86%	-2.12%
4		250	34.25%	1,875	\$ 191.03	\$ 199.06	\$ 8.04	4.21%	\$ 191.03	\$ 181.94	\$ (9.08)	\$ -4.76%	\$ 191.03	\$ 181.94	\$ (9.08)	\$ -4.76%	-1.77%
5		300	41.10%	2,250	\$ 215.41	\$ 225.89	\$ 10.48	4.87%	\$ 215.41	\$ 205.35	\$ (10.06)	\$ -4.67%	\$ 215.41	\$ 205.35	\$ (10.06)	\$ -4.67%	-1.49%
6		400	54.79%	3,000	\$ 264.18	\$ 279.55	\$ 15.37	5.82%	\$ 264.18	\$ 252.16	\$ (12.02)	\$ -4.55%	\$ 264.18	\$ 252.16	\$ (12.02)	\$ -4.55%	-1.09%
7																	
8	15.00	100	13.70%	1,500	\$ 185.40	\$ 198.49	\$ 13.09	7.06%	\$ 185.40	\$ 184.79	\$ (0.60)	\$ -0.33%	\$ 185.40	\$ 184.79	\$ (0.60)	\$ -0.33%	2.14%
9		150	20.55%	2,250	\$ 234.16	\$ 252.14	\$ 17.98	7.68%	\$ 234.16	\$ 231.60	\$ (2.56)	\$ -1.09%	\$ 234.16	\$ 231.60	\$ (2.56)	\$ -1.09%	1.83%
10		200	27.40%	3,000	\$ 282.93	\$ 305.80	\$ 22.87	8.08%	\$ 282.93	\$ 278.41	\$ (4.52)	\$ -1.60%	\$ 282.93	\$ 278.41	\$ (4.52)	\$ -1.60%	1.63%
11		250	34.25%	3,750	\$ 331.69	\$ 359.45	\$ 27.76	8.37%	\$ 331.69	\$ 325.21	\$ (6.48)	\$ -1.95%	\$ 331.69	\$ 325.21	\$ (6.48)	\$ -1.95%	1.49%
12		300	41.10%	4,500	\$ 380.13	\$ 412.78	\$ 32.65	8.59%	\$ 380.13	\$ 371.70	\$ (8.43)	\$ -2.22%	\$ 380.13	\$ 371.70	\$ (8.43)	\$ -2.22%	1.38%
13		400	54.79%	6,000	\$ 476.02	\$ 518.47	\$ 42.45	8.92%	\$ 476.02	\$ 463.69	\$ (12.33)	\$ -2.59%	\$ 476.02	\$ 463.69	\$ (12.33)	\$ -2.59%	1.25%
14																	
15	30.00	100	13.70%	3,000	\$ 365.93	\$ 388.30	\$ 22.37	6.11%	\$ 365.93	\$ 360.91	\$ (5.02)	\$ -1.37%	\$ 365.93	\$ 360.91	\$ (5.02)	\$ -1.37%	1.12%
16		150	20.55%	4,500	\$ 463.13	\$ 495.28	\$ 32.15	6.94%	\$ 463.13	\$ 454.20	\$ (8.93)	\$ -1.93%	\$ 463.13	\$ 454.20	\$ (8.93)	\$ -1.93%	1.03%
17		200	27.40%	6,000	\$ 559.02	\$ 600.97	\$ 41.95	7.50%	\$ 559.02	\$ 546.19	\$ (12.83)	\$ -2.30%	\$ 559.02	\$ 546.19	\$ (12.83)	\$ -2.30%	0.97%
18		250	34.25%	7,500	\$ 654.92	\$ 706.66	\$ 51.74	7.90%	\$ 654.92	\$ 638.19	\$ (16.73)	\$ -2.55%	\$ 654.92	\$ 638.19	\$ (16.73)	\$ -2.55%	0.93%
19		300	41.10%	9,000	\$ 750.81	\$ 812.35	\$ 61.54	8.20%	\$ 750.81	\$ 730.18	\$ (20.63)	\$ -2.75%	\$ 750.81	\$ 730.18	\$ (20.63)	\$ -2.75%	0.90%
20		400	54.79%	12,000	\$ 942.60	\$ 1,023.73	\$ 81.13	8.61%	\$ 942.60	\$ 914.17	\$ (28.43)	\$ -3.02%	\$ 942.60	\$ 914.17	\$ (28.43)	\$ -3.02%	0.86%
21																	
22	50.00	100	13.70%	5,000	\$ 636.09	\$ 660.51	\$ 24.42	3.84%	\$ 636.09	\$ 614.86	\$ (21.23)	\$ -3.34%	\$ 636.09	\$ 614.86	\$ (21.23)	\$ -3.34%	-0.95%
23		150	20.55%	7,500	\$ 795.92	\$ 836.66	\$ 40.74	5.12%	\$ 795.92	\$ 768.19	\$ (27.73)	\$ -3.48%	\$ 795.92	\$ 768.19	\$ (27.73)	\$ -3.48%	-0.62%
24		200	27.40%	10,000	\$ 955.74	\$ 1,012.81	\$ 57.07	5.97%	\$ 955.74	\$ 921.51	\$ (34.23)	\$ -3.58%	\$ 955.74	\$ 921.51	\$ (34.23)	\$ -3.58%	-0.40%
25		250	34.25%	12,500	\$ 1,115.57	\$ 1,188.96	\$ 73.39	6.58%	\$ 1,115.57	\$ 1,074.84	\$ (40.73)	\$ -3.65%	\$ 1,115.57	\$ 1,074.84	\$ (40.73)	\$ -3.65%	-0.24%
26		300	41.10%	15,000	\$ 1,275.39	\$ 1,365.11	\$ 89.72	7.03%	\$ 1,275.39	\$ 1,228.16	\$ (47.23)	\$ -3.70%	\$ 1,275.39	\$ 1,228.16	\$ (47.23)	\$ -3.70%	-0.12%
27		400	54.79%	20,000	\$ 1,595.04	\$ 1,717.41	\$ 122.37	7.67%	\$ 1,595.04	\$ 1,534.81	\$ (60.23)	\$ -3.78%	\$ 1,595.04	\$ 1,534.81	\$ (60.23)	\$ -3.78%	0.04%

Present rate calculations include a PCA factor of \$0.00611 per kWh.

(1) Average percent is the arithmetic average of 4 Summer months and 8 Non-summer months.

EXHIBIT

Shenandoah Valley EC  
Retail Rate Comparison  
Schedule B-12 - Three Phase

Exhibit No. —  
Witness: JDG  
Schedule 6  
Page 7 of 9

	kW (Col. 1)	kWh/kW (Col. 2)	Load Factor (Col. 3)	kWh (Col. 4)	Present Summer		Proposed Summer		Difference		Present Non-Sum.		Proposed Non-Sum.		Difference		Average Percent(1) (Col. 13)
					Amount (Col. 5)	Amount (Col. 6)	Amount (Col. 7)	Percent (Col. 8)	Amount (Col. 9)	Percent (Col. 10)	Amount (Col. 11)	Percent (Col. 12)	Amount (Col. 13)	Percent (Col. 14)	Amount (Col. 15)	Percent (Col. 16)	
1	7.50	100	13.70%	750	\$ 120.88	\$ 126.08	\$ 5.20	4.30%	\$ 120.88	\$ 119.23	\$ (1.65)	-1.36%	\$ 120.88	\$ 119.23	\$ (1.65)	-1.36%	0.53%
2		150	20.55%	1,125	\$ 145.26	\$ 152.91	\$ 7.65	5.26%	\$ 145.26	\$ 142.64	\$ (2.63)	-1.81%	\$ 145.26	\$ 142.64	\$ (2.63)	-1.81%	0.55%
3		200	27.40%	1,500	\$ 169.65	\$ 179.74	\$ 10.09	5.95%	\$ 169.65	\$ 166.04	\$ (3.60)	-2.13%	\$ 169.65	\$ 166.04	\$ (3.60)	-2.13%	0.57%
4		250	34.25%	1,875	\$ 194.03	\$ 206.56	\$ 12.54	6.46%	\$ 194.03	\$ 189.44	\$ (4.58)	-2.36%	\$ 194.03	\$ 189.44	\$ (4.58)	-2.36%	0.58%
5		300	41.10%	2,250	\$ 218.41	\$ 233.39	\$ 14.98	6.86%	\$ 218.41	\$ 212.85	\$ (5.56)	-2.55%	\$ 218.41	\$ 212.85	\$ (5.56)	-2.55%	0.59%
6		400	54.79%	3,000	\$ 267.18	\$ 287.05	\$ 19.87	7.44%	\$ 267.18	\$ 259.66	\$ (7.52)	-2.81%	\$ 267.18	\$ 259.66	\$ (7.52)	-2.81%	0.60%
7																	
8	15.00	100	13.70%	1,500	\$ 188.40	\$ 205.99	\$ 17.59	9.34%	\$ 188.40	\$ 192.29	\$ 3.90	2.07%	\$ 188.40	\$ 192.29	\$ 3.90	2.07%	4.49%
9		150	20.55%	2,250	\$ 237.16	\$ 259.64	\$ 22.48	9.48%	\$ 237.16	\$ 239.10	\$ 1.94	0.82%	\$ 237.16	\$ 239.10	\$ 1.94	0.82%	3.70%
10		200	27.40%	3,000	\$ 285.93	\$ 313.30	\$ 27.37	9.57%	\$ 285.93	\$ 285.91	\$ (0.02)	-0.01%	\$ 285.93	\$ 285.91	\$ (0.02)	-0.01%	3.19%
11		250	34.25%	3,750	\$ 334.69	\$ 366.95	\$ 32.26	9.64%	\$ 334.69	\$ 332.71	\$ (1.98)	-0.59%	\$ 334.69	\$ 332.71	\$ (1.98)	-0.59%	2.82%
12		300	41.10%	4,500	\$ 383.13	\$ 420.28	\$ 37.15	9.70%	\$ 383.13	\$ 379.20	\$ (3.93)	-1.03%	\$ 383.13	\$ 379.20	\$ (3.93)	-1.03%	2.55%
13		400	54.79%	6,000	\$ 479.02	\$ 525.97	\$ 46.95	9.80%	\$ 479.02	\$ 471.19	\$ (7.83)	-1.63%	\$ 479.02	\$ 471.19	\$ (7.83)	-1.63%	2.18%
14																	
15	30.00	100	13.70%	3,000	\$ 368.93	\$ 395.80	\$ 26.87	7.28%	\$ 368.93	\$ 368.41	\$ (0.52)	-0.14%	\$ 368.93	\$ 368.41	\$ (0.52)	-0.14%	2.33%
16		150	20.55%	4,500	\$ 466.13	\$ 502.78	\$ 36.65	7.86%	\$ 466.13	\$ 461.70	\$ (4.43)	-0.95%	\$ 466.13	\$ 461.70	\$ (4.43)	-0.95%	1.99%
17		200	27.40%	6,000	\$ 562.02	\$ 608.47	\$ 46.45	8.26%	\$ 562.02	\$ 553.69	\$ (8.33)	-1.48%	\$ 562.02	\$ 553.69	\$ (8.33)	-1.48%	1.77%
18		250	34.25%	7,500	\$ 657.92	\$ 714.16	\$ 56.24	8.55%	\$ 657.92	\$ 645.69	\$ (12.23)	-1.86%	\$ 657.92	\$ 645.69	\$ (12.23)	-1.86%	1.61%
19		300	41.10%	9,000	\$ 753.81	\$ 819.85	\$ 66.04	8.76%	\$ 753.81	\$ 737.68	\$ (16.13)	-2.14%	\$ 753.81	\$ 737.68	\$ (16.13)	-2.14%	1.49%
20		400	54.79%	12,000	\$ 945.60	\$ 1,031.23	\$ 85.63	9.06%	\$ 945.60	\$ 921.67	\$ (23.93)	-2.53%	\$ 945.60	\$ 921.67	\$ (23.93)	-2.53%	1.33%
21																	
22	50.00	100	13.70%	5,000	\$ 639.09	\$ 668.01	\$ 28.92	4.52%	\$ 639.09	\$ 622.36	\$ (16.73)	-2.62%	\$ 639.09	\$ 622.36	\$ (16.73)	-2.62%	-0.24%
23		150	20.55%	7,500	\$ 798.92	\$ 844.16	\$ 45.24	5.66%	\$ 798.92	\$ 775.69	\$ (23.23)	-2.91%	\$ 798.92	\$ 775.69	\$ (23.23)	-2.91%	-0.05%
24		200	27.40%	10,000	\$ 958.74	\$ 1,020.31	\$ 61.57	6.42%	\$ 958.74	\$ 929.01	\$ (29.73)	-3.10%	\$ 958.74	\$ 929.01	\$ (29.73)	-3.10%	0.07%
25		250	34.25%	12,500	\$ 1,118.57	\$ 1,196.46	\$ 77.89	6.96%	\$ 1,118.57	\$ 1,082.34	\$ (36.23)	-3.24%	\$ 1,118.57	\$ 1,082.34	\$ (36.23)	-3.24%	0.16%
26		300	41.10%	15,000	\$ 1,278.39	\$ 1,372.61	\$ 94.22	7.37%	\$ 1,278.39	\$ 1,235.66	\$ (42.73)	-3.34%	\$ 1,278.39	\$ 1,235.66	\$ (42.73)	-3.34%	0.23%
27		400	54.79%	20,000	\$ 1,598.04	\$ 1,724.91	\$ 126.87	7.94%	\$ 1,598.04	\$ 1,542.31	\$ (55.73)	-3.49%	\$ 1,598.04	\$ 1,542.31	\$ (55.73)	-3.49%	0.32%

Present rate calculations include a PCA factor of \$0.00611 per kWh.

(1) Average percent is the arithmetic average of 4 Summer months and 8 Non-summer months.

27102022

Shenandoah Valley EC  
Retail Rate Comparison  
Schedule PC-5

Exhibit No. \_\_  
Witness: JDG  
Schedule 6  
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Account	Annual kWh	Billed kW/Mo.	Present Revenue*	Proposed Revenue*	Difference	
					Amount	Percent
1 3612601	2,484,096	480.77	\$ 201,353	\$ 199,827	\$ (1,526)	-0.76%
2 5000204	9,623,633	1,640.32	\$ 720,388	\$ 718,686	\$ (1,702)	-0.24%
3 5000210	4,313,848	808.71	\$ 339,378	\$ 337,622	\$ (1,756)	-0.52%
4 5146014	69,768,601	10,040.62	\$ 4,779,720	\$ 4,827,291	\$ 47,571	1.00%
5 5455715	27,378,682	4,361.04	\$ 1,939,504	\$ 1,950,886	\$ 11,382	0.59%
6 5698915	11,756,722	1,927.92	\$ 837,657	\$ 841,360	\$ 3,702	0.44%
7 5744201	1,176,480	210.13	\$ 95,682	\$ 95,512	\$ (170)	-0.18%
8 5744202	2,891,040	580.80	\$ 236,552	\$ 234,138	\$ (2,414)	-1.02%
9 5800105	41,804,846	6,806.40	\$ 2,932,785	\$ 2,950,270	\$ 17,484	0.60%
10 5800106	2,682,000	474.87	\$ 203,275	\$ 203,018	\$ (257)	-0.13%
11 8250403	8,175,586	1,211.60	\$ 568,097	\$ 574,377	\$ 6,280	1.11%
12 100148156	2,033,280	315.00	\$ 149,631	\$ 150,868	\$ 1,236	0.83%
13 101477004	4,026,240	825.60	\$ 330,070	\$ 326,014	\$ (4,056)	-1.23%
14 101569601	3,506,954	848.09	\$ 315,695	\$ 309,002	\$ (6,693)	-2.12%
15 101613429	2,100,240	286.60	\$ 145,869	\$ 148,472	\$ 2,603	1.78%
16 101867003	1,380,000	261.45	\$ 113,259	\$ 112,494	\$ (766)	-0.68%
17 101867005	2,884,827	527.69	\$ 225,225	\$ 224,783	\$ (443)	-0.20%
18 101920804	10,594,904	1,627.47	\$ 743,944	\$ 757,406	\$ 13,462	1.81%
19 101930801	1,650,432	250.24	\$ 121,542	\$ 122,881	\$ 1,339	1.10%
20 102397518	4,152,482	862.02	\$ 335,674	\$ 332,001	\$ (3,673)	-1.09%
21 102516024	38,580,527	6,053.17	\$ 2,779,502	\$ 2,790,928	\$ 11,426	0.41%
22 102573901	2,419,800	507.50	\$ 203,602	\$ 200,927	\$ (2,675)	-1.31%
23 103137701	1,332,700	214.08	\$ 102,538	\$ 103,288	\$ 749	0.73%
24 103138302	565,600	111.60	\$ 52,062	\$ 51,654	\$ (408)	-0.78%
25 103338301	1,716,096	364.80	\$ 146,641	\$ 144,430	\$ (2,211)	-1.51%
26 103394002	1,433,440	238.13	\$ 110,890	\$ 111,363	\$ 474	0.43%
27 103394003	1,352,700	224.50	\$ 105,202	\$ 105,622	\$ 420	0.40%
28 103394006	1,598,400	272.13	\$ 124,045	\$ 124,324	\$ 278	0.22%
29 103394901	1,231,200	255.00	\$ 106,883	\$ 105,352	\$ (931)	-0.87%
30 103397001	1,460,448	278.16	\$ 120,094	\$ 119,578	\$ (516)	-0.43%
31 103425105	40,842,463	6,319.00	\$ 2,790,659	\$ 2,817,724	\$ 27,065	0.97%
32 103428201	694,200	99.50	\$ 54,645	\$ 55,257	\$ 612	1.12%
33 103632401	1,038,336	192.32	\$ 87,019	\$ 86,773	\$ (246)	-0.28%
34 103632402	1,068,160	167.33	\$ 82,921	\$ 83,570	\$ 648	0.78%
35 103791701	1,052,480	179.87	\$ 84,967	\$ 85,190	\$ 224	0.26%
36 103791702	3,538,080	538.94	\$ 247,926	\$ 250,473	\$ 2,547	1.03%
37 103897006	164,511	34.99	\$ 21,624	\$ 21,409	\$ (215)	-0.99%
38 103897007	3,431,427	797.40	\$ 296,013	\$ 289,418	\$ (6,595)	-2.23%
39 103897008	2,812,855	798.62	\$ 277,059	\$ 267,860	\$ (9,199)	-3.33%
40 103897009	2,674,891	778.25	\$ 270,634	\$ 260,447	\$ (10,186)	-3.76%
41 103897010	2,132,682	594.00	\$ 210,986	\$ 203,568	\$ (7,418)	-3.52%
42 103897012	1,378,942	298.79	\$ 121,010	\$ 120,149	\$ (861)	-0.71%
43 103900120	1,522,320	320.60	\$ 130,759	\$ 128,958	\$ (1,802)	-1.38%
44 104007702	9,202,960	1,464.55	\$ 663,229	\$ 666,986	\$ 3,757	0.57%
45 105020002	11,266,055	2,232.72	\$ 881,431	\$ 872,881	\$ (8,550)	-0.97%
46 105037401	1,668,720	282.20	\$ 129,121	\$ 129,343	\$ 222	0.17%
47 105424201	2,945,400	430.00	\$ 207,246	\$ 210,200	\$ 2,954	1.43%
48 105424301	2,037,600	346.32	\$ 156,001	\$ 156,518	\$ 516	0.33%
49 105425101	5,011,200	772.80	\$ 355,426	\$ 359,251	\$ 3,825	1.08%
50 105425601	3,817,528	583.65	\$ 273,423	\$ 275,670	\$ 2,247	0.82%
51 105425801	86,365,158	11,053.26	\$ 5,436,755	\$ 5,567,470	\$ 130,714	2.40%
52 105425807	6,167,621	901.44	\$ 425,048	\$ 430,668	\$ 5,620	1.32%
53 105425808	12,241,387	1,795.67	\$ 838,652	\$ 849,560	\$ 10,908	1.30%
54 105425809	6,062,843	888.41	\$ 422,581	\$ 427,870	\$ 5,289	1.25%
55 105425814	6,590,873	1,379.93	\$ 529,721	\$ 522,239	\$ (7,482)	-1.41%
56 105426401	372,580	56.80	\$ 34,782	\$ 35,068	\$ 286	0.82%
57 105426801	2,530,800	383.50	\$ 182,048	\$ 184,101	\$ 2,053	1.13%
58 105427301	1,687,200	288.50	\$ 130,627	\$ 131,053	\$ 427	0.33%
59 105428106	17,568,484	3,508.20	\$ 1,635,119	\$ 1,581,053	\$ (54,066)	-3.31%
60 105428601	29,235,160	5,085.28	\$ 2,127,755	\$ 2,130,017	\$ 2,261	0.11%
61 105428701	10,652,249	1,499.07	\$ 716,649	\$ 728,564	\$ 11,915	1.66%
62 105429001	61,844,891	8,987.80	\$ 4,097,731	\$ 4,158,420	\$ 60,689	1.48%
63 105429003	3,663,806	625.80	\$ 268,201	\$ 269,102	\$ 900	0.34%
64 200446408	29,583,390	4,566.40	\$ 2,175,170	\$ 2,171,552	\$ (3,618)	-0.17%
65 200498002	14,988,706	2,570.20	\$ 1,098,830	\$ 1,098,132	\$ (697)	-0.06%
66 201371102	2,603,520	400.80	\$ 188,413	\$ 190,393	\$ 1,980	1.05%
67 201371104	4,099,200	600.00	\$ 285,462	\$ 289,734	\$ 4,272	1.50%
68 202249301	1,183,165	191.94	\$ 91,966	\$ 92,426	\$ 460	0.50%
69 203046501	6,994,377	1,314.42	\$ 539,279	\$ 537,018	\$ (2,261)	-0.42%
70 203151209	154,720	25.17	\$ 19,207	\$ 19,263	\$ 55	0.29%
71 204036901	5,676,000	888.00	\$ 418,844	\$ 418,817	\$ (26)	-0.01%
72 205200801	4,337,606	1,092.13	\$ 356,649	\$ 351,557	\$ (5,093)	-1.43%
73 206321001	4,370,054	691.20	\$ 314,615	\$ 317,449	\$ 2,835	0.90%
74 206684401	466,000	120.33	\$ 50,159	\$ 49,017	\$ (1,142)	-2.28%
75 207439301	2,202,720	366.00	\$ 165,748	\$ 166,125	\$ 378	0.23%
76 208582201	1,646,880	287.80	\$ 129,023	\$ 128,965	\$ (57)	-0.04%
77 208774201	1,403,280	229.80	\$ 115,266	\$ 113,408	\$ (1,857)	-1.61%
78 208774202	2,174,400	346.20	\$ 173,586	\$ 170,504	\$ (3,082)	-1.78%
	691,243,684	110,242.32	\$ 49,498,546	\$ 49,746,162	\$ 247,615	0.50%

\*Includes Facilities Charges

Present rate calculations include a PCA factor of \$0.00811 per kWh.



Shenandoah Valley EC  
Retail Rate Comparison  
Schedule LP-12

Exhibit No. \_\_\_\_\_  
Witness: JDG  
Schedule 6  
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	<u>Account</u>	<u>Annual kWh</u>	<u>Billed kW/Mo.</u>	<u>Present Revenue*</u>	<u>Proposed Revenue*</u>	<u>Difference</u>	
						<u>Amount</u>	<u>Percent</u>
1	31292001	1,398,468	443.72	\$ 95,301	\$ 98,830	\$ 3,529	3.70%
2	37194005	540,457	397.57	\$ 53,499	\$ 56,241	\$ 2,741	5.12%
3	37194006	3,127,032	1,335.78	\$ 222,088	\$ 232,293	\$ 10,205	4.59%
4	48177005	130,618	213.22	\$ 26,560	\$ 27,871	\$ 1,312	4.94%
5	65598001	23,329,018	3,893.50	\$ 1,263,272	\$ 1,305,001	\$ 41,728	3.30%
6	73858004	8,821,640	1,949.63	\$ 585,511	\$ 599,286	\$ 13,775	2.35%
7	87174001	279,057	278.20	\$ 36,188	\$ 37,962	\$ 1,773	4.90%
8	1036322002	9,333,234	5,635.25	\$ 849,461	\$ 890,451	\$ 40,990	4.83%
9	2008813001	1,039,129	425.71	\$ 90,164	\$ 92,141	\$ 1,977	2.19%
10	2013711001	7,859,649	1,467.57	\$ 481,007	\$ 489,252	\$ 8,245	1.71%
11	2021901001	1,157,639	788.02	\$ 109,630	\$ 113,847	\$ 4,216	3.85%
12	2035082002	346,196	377.22	\$ 44,159	\$ 46,603	\$ 2,443	5.53%
13	2035082004	180,054	169.89	\$ 24,566	\$ 25,674	\$ 1,109	4.51%
		57,542,191	17,375.26	\$ 3,881,407	\$ 4,015,452	\$ 134,045	3.45%

\*Includes Facilities Charges

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