

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the BHP System (without SD Sun) without the Fall River 80 MW Solar and the BHP System (without SD Sun) including the Fall River 80 MW Solar Facility**

<b>Monthly Avoided Cost Calculation of 80 MW Solar Project</b>	<b>1/1/2019</b>	<b>2/1/2019</b>	<b>3/1/2019</b>	<b>4/1/2019</b>	<b>5/1/2019</b>	<b>6/1/2019</b>	<b>7/1/2019</b>	<b>8/1/2019</b>	<b>9/1/2019</b>	<b>10/1/2019</b>	<b>11/1/2019</b>
<b>Monthly Total Cost (\$000)</b>											
BHP System without 80 MW Solar Addition (\$000)	2,439.63	2,229.96	2,110.41	2,224.60	1,855.40	1,880.93	2,137.62	2,253.82	1,902.26	2,008.78	1,833.47
BHP System with 80 MW Solar Addition(\$000)	2,439.63	2,229.96	2,110.41	2,224.60	1,855.40	1,880.93	2,137.62	2,253.82	1,902.26	2,008.78	1,833.47
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	-	-	-	-	-	-	-	-	-	-	-
Fall River 80 MW Solar Project Production (GWh)	-	-	-	-	-	-	-	-	-	-	-
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -	\$ -
<b>Annual Avoided Cost Calculation of 80 MW Solar Project</b>	<b>2019</b>	<b>2020</b>	<b>2021</b>	<b>2022</b>	<b>2023</b>	<b>2024</b>	<b>2025</b>	<b>2026</b>	<b>2027</b>	<b>2028</b>	<b>2029</b>
<b>Annual Total Cost (\$000)</b>											
BHP System without 80 MW Solar Addition (\$000)	\$ 25,264.21	\$ 27,452.85	\$ 27,147.89	\$ 31,964.26	\$ 35,364.28	\$ 41,639.48	\$ 42,180.54	\$ 42,257.31	\$ 43,012.99	\$ 44,429.41	\$ 42,854.68
BHP System with 80 MW Solar Addition (\$000)	\$ 25,264.21	\$ 27,450.56	\$ 22,201.32	\$ 28,510.45	\$ 32,259.29	\$ 37,593.12	\$ 38,224.04	\$ 38,142.50	\$ 39,072.18	\$ 40,108.70	\$ 38,207.23
<b>Annual Avoided Cost of 80 MW Solar Project (\$000)</b>	\$ -	\$ 2.29	\$ 4,946.57	\$ 3,453.81	\$ 3,104.99	\$ 4,046.36	\$ 3,956.50	\$ 4,114.80	\$ 3,940.81	\$ 4,320.72	\$ 4,647.45
Fall River 80 MW Solar Project (GWh)	0.00	0.08	188.98	188.03	187.09	186.71	185.22	184.30	183.38	182.99	181.56
<b>Annual Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ -	\$ 28.60	\$ 26.18	\$ 18.37	\$ 16.60	\$ 21.67	\$ 21.36	\$ 22.33	\$ 21.49	\$ 23.61	\$ 25.60

Reduced  
Firm Energy  
Purchase



**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	11/1/2020	12/1/2020	1/1/2021	2/1/2021	3/1/2021	4/1/2021	5/1/2021	6/1/2021	7/1/2021	8/1/2021
<b>Monthly Total Cost (\$000)</b>										
BHP System without 80 MW Solar Addition (\$000)	1,965.35	2,675.65	2,666.93	2,448.86	1,933.57	2,228.49	2,026.43	1,966.40	2,596.38	2,598.10
BHP System with 80 MW Solar Addition(\$000)	1,965.35	2,673.36	2,461.05	2,157.89	1,611.36	1,826.43	1,606.14	1,395.05	1,656.80	1,930.45
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	-	2.29	205.87	290.97	322.22	402.06	420.29	571.35	939.59	667.65
Fall River 80 MW Solar Project Production (GWh)	-	0.08	7.52	10.45	15.46	18.52	20.53	24.34	25.00	22.61
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ -	\$ 28.59	\$ 27.38	\$ 27.86	\$ 20.84	\$ 21.71	\$ 20.47	\$ 23.47	\$ 37.59	\$ 29.53

**Annual Avoided Cost Calculation of 80 MW Solar Project**

<b>Annual Total Cost (\$000)</b>	
BHP System without 80 MW Solar Addition (\$000)	
BHP System with 80 MW Solar Addition (\$000)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$000)</b>	
Fall River 80 MW Solar Project (GWh)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	9/1/2021	10/1/2021	11/1/2021	12/1/2021	1/1/2022	2/1/2022	3/1/2022	4/1/2022	5/1/2022	6/1/2022
<b>Monthly Total Cost (\$000)</b>										
BHP System without 80 MW Solar Addition (\$000)	2,138.94	2,021.96	1,870.86	2,650.98	2,959.12	2,685.94	2,453.92	2,736.57	2,369.98	2,498.70
BHP System with 80 MW Solar Addition(\$000)	1,662.80	1,734.76	1,686.73	2,471.87	2,788.52	2,434.91	2,248.13	2,413.84	2,091.27	2,176.59
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	476.14	287.20	184.13	179.10	170.60	251.03	205.79	322.72	278.71	322.11
Fall River 80 MW Solar Project Production (GWh)	17.72	12.87	7.79	6.19	7.48	10.39	15.38	18.42	20.43	24.22
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 26.87	\$ 22.32	\$ 23.65	\$ 28.95	\$ 22.80	\$ 24.15	\$ 13.38	\$ 17.52	\$ 13.64	\$ 13.30

**Annual Avoided Cost Calculation of 80 MW Solar Project**

**Annual Total Cost (\$000)**

BHP System without 80 MW Solar Addition (\$000)

BHP System with 80 MW Solar Addition (\$000)

**Annual Avoided Cost of 80 MW Solar Project (\$000)**

Fall River 80 MW Solar Project (GWh)

**Annual Avoided Cost of 80 MW Solar Project (\$/MWh)**

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	7/1/2022	8/1/2022	9/1/2022	10/1/2022	11/1/2022	12/1/2022	1/1/2023	2/1/2023	3/1/2023	4/1/2023	5/1/2023
<b>Monthly Total Cost (\$000)</b>											
BHP System without 80 MW Solar Addition (\$000)	2,783.10	2,940.85	2,502.75	2,615.79	2,404.65	3,012.89	3,042.68	2,791.12	2,503.39	2,833.23	2,424.46
BHP System with 80 MW Solar Addition(\$000)	2,158.78	2,390.88	2,184.89	2,457.33	2,285.90	2,879.42	2,867.96	2,538.90	2,298.20	2,569.06	2,206.54
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	624.32	549.97	317.86	158.46	118.75	133.48	174.72	252.22	205.19	264.17	217.91
Fall River 80 MW Solar Project Production (GWh)	24.87	22.50	17.63	12.80	7.75	6.16	7.44	10.34	15.31	18.33	20.33
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 25.10	\$ 24.45	\$ 18.03	\$ 12.38	\$ 15.33	\$ 21.68	\$ 23.47	\$ 24.39	\$ 13.41	\$ 14.41	\$ 10.72

**Annual Avoided Cost Calculation of 80 MW Solar Project**

**Annual Total Cost (\$000)**

BHP System without 80 MW Solar Addition (\$000)

BHP System with 80 MW Solar Addition (\$000)

**Annual Avoided Cost of 80 MW Solar Project (\$000)**

Fall River 80 MW Solar Project (GWh)

**Annual Avoided Cost of 80 MW Solar Project (\$/MWh)**

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	6/1/2023	7/1/2023	8/1/2023	9/1/2023	10/1/2023	11/1/2023	12/1/2023	1/1/2024	2/1/2024	3/1/2024	4/1/2024	5/1/2024
<b>Monthly Total Cost (\$000)</b>												
BHP System without 80 MW Solar Addition (\$000)	2,914.39	3,185.76	3,343.70	2,902.25	3,100.90	2,848.88	3,473.52	3,941.84	3,533.69	3,359.07	3,721.75	2,968.61
BHP System with 80 MW Solar Addition(\$000)	2,637.70	2,609.50	2,811.67	2,626.80	2,989.54	2,769.12	3,334.30	3,766.97	3,288.30	3,062.43	3,294.85	2,640.15
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	276.69	576.26	532.03	275.45	111.36	79.76	139.22	174.86	245.38	296.65	426.91	328.46
Fall River 80 MW Solar Project Production (GWh)	24.10	24.75	22.38	17.54	12.74	7.71	6.13	7.41	10.84	15.23	18.24	20.23
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 11.48	\$ 23.29	\$ 23.77	\$ 15.70	\$ 8.74	\$ 10.35	\$ 22.73	\$ 23.61	\$ 22.64	\$ 19.48	\$ 23.40	\$ 16.24

**Annual Avoided Cost Calculation of 80 MW Solar Project**

<b>Annual Total Cost (\$000)</b>	
BHP System without 80 MW Solar Addition (\$000)	
BHP System with 80 MW Solar Addition (\$000)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$000)</b>	
Fall River 80 MW Solar Project (GWh)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	6/1/2024	7/1/2024	8/1/2024	9/1/2024	10/1/2024	11/1/2024	12/1/2024	1/1/2025	2/1/2025	3/1/2025	4/1/2025	5/1/2025	6/1/2025
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	3,204.12	3,728.36	3,835.38	3,218.98	3,135.24	3,104.98	3,887.47	4,014.29	3,632.26	3,719.37	3,360.46	2,996.00	3,257.29
BHP System with 80 MW Solar Addition(\$000)	2,743.56	3,069.20	3,205.17	2,866.59	2,943.22	2,981.56	3,731.13	3,842.72	3,369.04	3,346.07	3,090.12	2,676.75	2,788.08
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	460.56	659.16	630.22	352.39	192.02	123.42	156.34	171.57	263.22	373.30	270.34	319.25	469.20
Fall River 80 MW Solar Project Production (GWh)	23.98	24.63	22.27	17.45	12.67	7.67	6.10	7.37	10.24	15.15	18.15	20.13	23.86
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 19.21	\$ 26.77	\$ 28.30	\$ 20.19	\$ 15.15	\$ 16.09	\$ 25.65	\$ 23.28	\$ 25.71	\$ 24.64	\$ 14.90	\$ 15.86	\$ 19.67

**Annual Avoided Cost Calculation of 80 MW Solar Project**

**Annual Total Cost (\$000)**

BHP System without 80 MW Solar Addition (\$000)

BHP System with 80 MW Solar Addition (\$000)

**Annual Avoided Cost of 80 MW Solar Project (\$000)**

Fall River 80 MW Solar Project (GWh)

**Annual Avoided Cost of 80 MW Solar Project (\$/MWh)**

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	7/1/2025	8/1/2025	9/1/2025	10/1/2025	11/1/2025	12/1/2025	1/1/2026	2/1/2026	3/1/2026	4/1/2026	5/1/2026	6/1/2026	7/1/2026
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	3,736.09	3,870.29	3,277.28	3,179.27	3,163.37	3,974.58	4,069.95	3,684.28	3,272.60	3,433.20	2,911.12	3,312.51	3,797.68
BHP System with 80 MW Solar Addition(\$000)	3,095.85	3,242.28	2,932.61	2,985.38	3,037.49	3,817.65	3,891.74	3,419.59	3,030.72	3,103.76	2,407.88	2,857.39	3,148.54
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	640.23	628.02	344.67	193.88	125.88	156.93	178.21	264.69	241.89	329.44	503.23	455.13	649.14
Fall River 80 MW Solar Project Production (GWh)	24.50	22.16	17.37	12.61	7.63	6.06	7.33	10.19	15.08	18.06	20.03	23.74	24.38
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 26.13	\$ 28.34	\$ 19.85	\$ 15.38	\$ 16.49	\$ 25.88	\$ 24.30	\$ 25.99	\$ 16.04	\$ 18.24	\$ 25.13	\$ 19.17	\$ 26.63

**Annual Avoided Cost Calculation of 80 MW Solar Project**

<b>Annual Total Cost (\$000)</b>	
BHP System without 80 MW Solar Addition (\$000)	
BHP System with 80 MW Solar Addition (\$000)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$000)</b>	
Fall River 80 MW Solar Project (GWh)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	



**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	8/1/2026	9/1/2026	10/1/2026	11/1/2026	12/1/2026	1/1/2027	2/1/2027	3/1/2027	4/1/2027	5/1/2027	6/1/2027	7/1/2027	8/1/2027
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	3,942.10	3,328.65	3,240.98	3,254.03	4,010.22	4,116.58	3,748.40	3,538.07	3,314.19	3,099.69	3,356.25	3,880.42	3,950.37
BHP System with 80 MW Solar Addition(\$000)	3,304.09	2,965.90	3,045.16	3,124.26	3,843.49	3,933.85	3,474.99	3,259.93	2,978.50	2,797.82	2,958.44	3,216.19	3,314.31
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	638.02	362.75	195.82	129.77	166.73	182.73	273.41	278.14	335.69	301.87	397.81	664.23	636.06
Fall River 80 MW Solar Project Production (GWh)	22.05	17.28	12.55	7.59	6.03	7.30	10.14	15.00	17.97	19.93	23.62	24.26	21.94
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 28.94	\$ 20.99	\$ 15.61	\$ 17.09	\$ 27.63	\$ 25.05	\$ 26.98	\$ 18.54	\$ 18.68	\$ 15.15	\$ 16.84	\$ 27.38	\$ 28.99

**Annual Avoided Cost Calculation of 80 MW Solar Project**

<b>Annual Total Cost (\$000)</b>	
BHP System without 80 MW Solar Addition (\$000)	
BHP System with 80 MW Solar Addition (\$000)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$000)</b>	
Fall River 80 MW Solar Project (GWh)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	9/1/2027	10/1/2027	11/1/2027	12/1/2027	1/1/2028	2/1/2028	3/1/2028	4/1/2028	5/1/2028	6/1/2028	7/1/2028	8/1/2028	9/1/2028
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	3,383.10	3,296.91	3,286.20	4,042.81	4,201.33	3,780.65	3,904.71	3,874.89	3,145.87	3,426.36	4,013.17	4,160.06	3,481.72
BHP System with 80 MW Solar Addition(\$000)	3,004.28	3,095.82	3,156.36	3,881.69	4,005.40	3,496.37	3,554.41	3,404.51	2,880.42	2,980.35	3,326.20	3,470.26	3,069.75
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	378.82	201.09	129.84	161.12	195.94	284.28	350.30	470.39	265.45	446.02	686.96	689.81	411.97
Fall River 80 MW Solar Project Production (GWh)	17.19	12.48	7.56	6.00	7.26	10.62	14.93	17.88	19.83	23.50	24.14	21.83	17.11
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 22.03	\$ 16.11	\$ 17.18	\$ 26.84	\$ 26.99	\$ 26.76	\$ 23.47	\$ 26.31	\$ 13.39	\$ 18.98	\$ 28.46	\$ 31.60	\$ 24.08

**Annual Avoided Cost Calculation of 80 MW Solar Project**

**Annual Total Cost (\$000)**

BHP System without 80 MW Solar Addition (\$000)

BHP System with 80 MW Solar Addition (\$000)

**Annual Avoided Cost of 80 MW Solar Project (\$000)**

Fall River 80 MW Solar Project (GWh)

**Annual Avoided Cost of 80 MW Solar Project (\$/MWh)**

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	10/1/2028	11/1/2028	12/1/2028	1/1/2029	2/1/2029	3/1/2029	4/1/2029	5/1/2029	6/1/2029	7/1/2029	8/1/2029	9/1/2029	10/1/2029
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	3,198.09	3,198.74	4,043.83	4,088.55	3,823.02	3,313.71	3,297.33	3,105.21	3,366.90	4,099.52	4,170.25	3,484.26	3,329.87
BHP System with 80 MW Solar Addition(\$000)	3,007.36	3,053.02	3,860.67	3,870.78	3,511.07	3,029.20	2,964.37	2,724.67	2,854.46	3,372.51	3,438.84	3,046.10	2,991.37
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	190.73	145.72	183.16	217.77	311.95	284.51	332.95	380.54	512.44	727.00	731.41	438.16	338.50
Fall River 80 MW Solar Project Production (GWh)	12.42	7.52	5.97	7.22	10.04	14.85	17.79	19.73	23.39	24.02	21.72	17.02	12.36
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 15.35	\$ 19.38	\$ 30.66	\$ 30.15	\$ 31.09	\$ 19.16	\$ 18.72	\$ 19.29	\$ 21.91	\$ 30.27	\$ 33.67	\$ 25.74	\$ 27.39

**Annual Avoided Cost Calculation of 80 MW Solar Project**

<b>Annual Total Cost (\$000)</b>	
BHP System without 80 MW Solar Addition (\$000)	
BHP System with 80 MW Solar Addition (\$000)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$000)</b>	
Fall River 80 MW Solar Project (GWh)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	11/1/2029	12/1/2029	1/1/2030	2/1/2030	3/1/2030	4/1/2030	5/1/2030	6/1/2030	7/1/2030	8/1/2030	9/1/2030	10/1/2030	11/1/2030
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	2,991.70	3,784.37	3,769.44	3,643.78	3,043.62	3,112.48	3,099.48	3,198.82	4,025.33	4,122.25	3,338.86	2,994.01	2,991.48
BHP System with 80 MW Solar Addition(\$000)	2,813.71	3,590.16	3,531.04	3,315.23	2,721.02	2,729.51	2,562.36	2,630.62	3,277.43	3,354.27	2,919.91	2,722.92	2,818.46
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	177.99	194.21	238.40	328.56	322.60	382.97	537.12	568.20	747.90	767.98	418.95	271.08	173.02
Fall River 80 MW Solar Project Production (GWh)	7.48	5.94	7.19	9.98	14.78	17.70	19.63	23.27	23.90	21.61	16.94	12.30	7.44
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 23.79	\$ 32.67	\$ 33.17	\$ 32.91	\$ 21.83	\$ 21.64	\$ 27.37	\$ 24.42	\$ 31.30	\$ 35.54	\$ 24.74	\$ 22.04	\$ 23.25

**Annual Avoided Cost Calculation of 80 MW Solar Project**

<b>Annual Total Cost (\$000)</b>	
BHP System without 80 MW Solar Addition (\$000)	
BHP System with 80 MW Solar Addition (\$000)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$000)</b>	
Fall River 80 MW Solar Project (GWh)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	12/1/2030	1/1/2031	2/1/2031	3/1/2031	4/1/2031	5/1/2031	6/1/2031	7/1/2031	8/1/2031	9/1/2031	10/1/2031	11/1/2031	12/1/2031
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	3,891.68	3,832.37	3,709.89	3,123.00	3,340.20	2,937.45	3,255.18	4,047.92	4,137.24	3,357.15	3,035.34	3,052.83	3,936.77
BHP System with 80 MW Solar Addition(\$000)	3,684.42	3,586.57	3,366.13	2,791.43	2,892.92	2,562.31	2,690.48	3,284.07	3,380.56	2,922.29	2,753.79	2,871.00	3,734.00
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	207.27	245.80	343.76	331.58	447.27	375.14	564.71	763.85	756.67	434.86	281.55	181.84	202.78
Fall River 80 MW Solar Project Production (GWh)	5.91	7.15	9.93	14.70	17.61	19.53	23.15	23.78	21.50	16.85	12.24	7.41	5.88
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 35.05	\$ 34.37	\$ 34.60	\$ 22.55	\$ 25.40	\$ 19.21	\$ 24.39	\$ 32.13	\$ 35.19	\$ 25.80	\$ 23.01	\$ 24.55	\$ 34.46

**Annual Avoided Cost Calculation of 80 MW Solar Project**

<b>Annual Total Cost (\$000)</b>	
BHP System without 80 MW Solar Addition (\$000)	
BHP System with 80 MW Solar Addition (\$000)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$000)</b>	
Fall River 80 MW Solar Project (GWh)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	1/1/2032	2/1/2032	3/1/2032	4/1/2032	5/1/2032	6/1/2032	7/1/2032	8/1/2032	9/1/2032	10/1/2032	11/1/2032	12/1/2032	1/1/2033
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	3,856.23	3,633.10	4,063.42	3,446.98	2,984.30	3,292.38	4,262.26	4,161.22	3,437.68	3,082.26	3,098.88	4,004.12	3,903.01
BHP System with 80 MW Solar Addition(\$000)	3,614.07	3,303.19	3,594.94	2,989.09	2,576.32	2,731.84	3,360.05	3,395.82	2,971.60	2,791.80	2,916.22	3,793.86	3,650.44
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	242.15	329.91	468.48	457.88	407.97	560.54	902.21	765.39	466.08	290.46	182.66	210.26	252.58
Fall River 80 MW Solar Project Production (GWh)	7.12	10.41	14.63	17.52	19.43	23.04	23.66	21.40	16.77	12.18	7.37	5.86	7.08
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 34.03	\$ 31.69	\$ 32.02	\$ 26.13	\$ 20.99	\$ 24.33	\$ 38.14	\$ 35.77	\$ 27.80	\$ 23.85	\$ 24.79	\$ 35.91	\$ 35.67

**Annual Avoided Cost Calculation of 80 MW Solar Project**

**Annual Total Cost (\$000)**

BHP System without 80 MW Solar Addition (\$000)

BHP System with 80 MW Solar Addition (\$000)

**Annual Avoided Cost of 80 MW Solar Project (\$000)**

Fall River 80 MW Solar Project (GWh)

**Annual Avoided Cost of 80 MW Solar Project (\$/MWh)**

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	2/1/2033	3/1/2033	4/1/2033	5/1/2033	6/1/2033	7/1/2033	8/1/2033	9/1/2033	10/1/2033	11/1/2033	12/1/2033	1/1/2034	2/1/2034
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	3,812.49	3,205.33	3,909.00	3,106.77	3,327.28	4,344.70	4,271.16	3,500.66	3,119.23	3,152.35	4,073.49	3,975.23	3,815.24
BHP System with 80 MW Solar Addition(\$000)	3,460.81	2,874.92	3,378.64	2,693.32	2,747.82	3,438.61	3,504.80	3,030.45	2,836.06	2,965.63	3,860.24	3,721.97	3,469.38
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	351.68	330.41	530.36	413.45	579.46	906.10	766.36	470.21	283.17	186.72	213.26	253.26	345.86
Fall River 80 MW Solar Project Production (GWh)	9.84	14.56	17.44	19.34	22.92	23.54	21.29	16.68	12.11	7.33	5.83	7.04	9.79
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 35.76	\$ 22.70	\$ 30.42	\$ 21.38	\$ 25.28	\$ 38.49	\$ 36.00	\$ 28.18	\$ 23.38	\$ 25.47	\$ 36.60	\$ 35.95	\$ 35.34

**Annual Avoided Cost Calculation of 80 MW Solar Project**

**Annual Total Cost (\$000)**

BHP System without 80 MW Solar Addition (\$000)

BHP System with 80 MW Solar Addition (\$000)

**Annual Avoided Cost of 80 MW Solar Project (\$000)**

Fall River 80 MW Solar Project (GWh)

**Annual Avoided Cost of 80 MW Solar Project (\$/MWh)**

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	3/1/2034	4/1/2034	5/1/2034	6/1/2034	7/1/2034	8/1/2034	9/1/2034	10/1/2034	11/1/2034	12/1/2034	1/1/2035	2/1/2035	3/1/2035
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	3,545.15	3,258.64	2,955.14	3,383.04	4,435.51	4,300.46	3,551.53	3,189.19	3,237.65	4,060.55	4,031.82	3,870.76	3,509.54
BHP System with 80 MW Solar Addition(\$000)	3,174.96	2,865.16	2,378.33	2,806.41	3,524.10	3,510.49	3,080.57	2,882.40	3,048.95	3,855.43	3,781.90	3,526.72	3,110.93
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	370.20	393.48	576.81	576.64	911.41	789.97	470.96	306.79	188.70	205.12	249.92	344.04	398.60
Fall River 80 MW Solar Project Production (GWh)	14.48	17.35	19.24	22.80	23.42	21.18	16.60	12.05	7.30	5.80	7.01	9.74	14.41
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 25.56	\$ 22.68	\$ 29.98	\$ 25.29	\$ 38.92	\$ 37.29	\$ 28.37	\$ 25.45	\$ 25.87	\$ 35.39	\$ 35.65	\$ 35.33	\$ 27.66

**Annual Avoided Cost Calculation of 80 MW Solar Project**

<b>Annual Total Cost (\$000)</b>	
BHP System without 80 MW Solar Addition (\$000)	
BHP System with 80 MW Solar Addition (\$000)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$000)</b>	
Fall River 80 MW Solar Project (GWh)	
<b>Annual Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	



**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	4/1/2035	5/1/2035	6/1/2035	7/1/2035	8/1/2035	9/1/2035	10/1/2035	11/1/2035	12/1/2035	1/1/2036	2/1/2036	3/1/2036	4/1/2036
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	3,331.39	3,117.40	3,430.47	4,524.11	4,378.57	3,616.94	3,230.08	3,288.13	4,169.90	4,100.82	3,788.25	3,628.77	3,998.06
BHP System with 80 MW Solar Addition(\$000)	2,885.66	2,722.77	2,850.26	3,566.87	3,564.43	3,128.71	2,921.66	3,095.09	3,956.19	3,856.42	3,459.86	3,204.84	3,439.95
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	445.73	394.63	580.22	957.24	814.14	488.23	308.43	193.04	213.70	244.40	328.39	423.93	558.11
Fall River 80 MW Solar Project Production (GWh)	17.26	19.14	22.69	23.30	21.08	16.52	11.99	7.26	5.77	6.98	10.21	14.34	17.18
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 25.82	\$ 20.62	\$ 25.57	\$ 41.08	\$ 38.63	\$ 29.56	\$ 25.72	\$ 26.59	\$ 37.05	\$ 35.04	\$ 32.18	\$ 29.56	\$ 32.49

**Annual Avoided Cost Calculation of 80 MW Solar Project**

**Annual Total Cost (\$000)**

BHP System without 80 MW Solar Addition (\$000)

BHP System with 80 MW Solar Addition (\$000)

**Annual Avoided Cost of 80 MW Solar Project (\$000)**

Fall River 80 MW Solar Project (GWh)

**Annual Avoided Cost of 80 MW Solar Project (\$/MWh)**

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	5/1/2036	6/1/2036	7/1/2036	8/1/2036	9/1/2036	10/1/2036	11/1/2036	12/1/2036	1/1/2037	2/1/2037	3/1/2037	4/1/2037	5/1/2037
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	3,142.99	3,474.68	4,524.10	4,444.95	3,653.55	3,508.21	3,307.81	4,218.30	4,169.65	3,984.93	3,413.83	3,413.47	3,465.27
BHP System with 80 MW Solar Addition(\$000)	2,716.76	2,876.35	3,566.80	3,635.14	3,177.14	3,173.00	3,116.28	4,006.44	3,914.97	3,628.19	3,058.06	2,991.20	2,928.45
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	426.23	598.33	957.30	809.80	476.41	335.20	191.53	211.86	254.68	356.74	355.77	422.27	536.82
Fall River 80 MW Solar Project Production (GWh)	19.05	22.58	23.19	20.97	16.44	11.93	7.22	5.74	6.94	9.64	14.27	17.09	18.95
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 22.38	\$ 26.50	\$ 41.28	\$ 38.61	\$ 28.99	\$ 28.09	\$ 26.52	\$ 36.92	\$ 36.70	\$ 37.01	\$ 24.94	\$ 24.71	\$ 28.33

**Annual Avoided Cost Calculation of 80 MW Solar Project**

**Annual Total Cost (\$000)**

BHP System without 80 MW Solar Addition (\$000)

BHP System with 80 MW Solar Addition (\$000)

**Annual Avoided Cost of 80 MW Solar Project (\$000)**

Fall River 80 MW Solar Project (GWh)

**Annual Avoided Cost of 80 MW Solar Project (\$/MWh)**

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	6/1/2037	7/1/2037	8/1/2037	9/1/2037	10/1/2037	11/1/2037	12/1/2037	1/1/2038	2/1/2038	3/1/2038	4/1/2038	5/1/2038	6/1/2038
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	3,667.35	4,623.02	4,536.25	3,694.46	3,315.39	3,365.69	4,255.14	4,234.45	4,047.72	3,458.71	3,712.71	3,197.71	3,597.95
BHP System with 80 MW Solar Addition(\$000)	3,048.07	3,647.03	3,725.08	3,208.62	3,018.24	3,169.61	4,040.53	3,973.70	3,685.04	3,116.30	3,259.77	2,678.39	3,001.74
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	619.29	975.99	811.17	485.85	297.15	196.08	214.60	260.75	362.68	342.42	452.94	519.32	596.21
Fall River 80 MW Solar Project Production (GWh)	22.46	23.07	20.87	16.35	11.87	7.19	5.71	6.91	9.59	14.20	17.01	18.86	22.35
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 27.57	\$ 42.31	\$ 38.88	\$ 29.71	\$ 25.03	\$ 27.29	\$ 37.58	\$ 37.76	\$ 37.81	\$ 24.12	\$ 26.64	\$ 27.54	\$ 26.67

**Annual Avoided Cost Calculation of 80 MW Solar Project**

**Annual Total Cost (\$000)**

BHP System without 80 MW Solar Addition (\$000)

BHP System with 80 MW Solar Addition (\$000)

**Annual Avoided Cost of 80 MW Solar Project (\$000)**

Fall River 80 MW Solar Project (GWh)

**Annual Avoided Cost of 80 MW Solar Project (\$/MWh)**

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	7/1/2038	8/1/2038	9/1/2038	10/1/2038	11/1/2038	12/1/2038	1/1/2039	2/1/2039	3/1/2039	4/1/2039	5/1/2039	6/1/2039	7/1/2039
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	4,708.19	4,626.41	3,774.27	3,397.98	3,409.87	4,349.98	4,262.41	4,072.25	3,781.85	3,495.76	3,299.35	3,635.03	4,746.51
BHP System with 80 MW Solar Addition(\$000)	3,730.32	3,800.77	3,266.17	3,089.44	3,213.76	4,130.10	4,000.59	3,707.63	3,401.30	3,020.99	2,928.95	3,036.25	3,773.44
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	977.86	825.64	508.10	308.54	196.11	219.88	261.82	364.62	380.56	474.77	370.41	598.77	973.07
Fall River 80 MW Solar Project Production (GWh)	22.96	20.76	16.27	11.82	7.15	5.68	6.87	9.54	14.13	16.92	18.76	22.24	22.84
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 42.60	\$ 39.76	\$ 31.23	\$ 26.11	\$ 27.42	\$ 38.70	\$ 38.11	\$ 38.20	\$ 26.94	\$ 28.06	\$ 19.74	\$ 26.92	\$ 42.60

**Annual Avoided Cost Calculation of 80 MW Solar Project**

**Annual Total Cost (\$000)**

BHP System without 80 MW Solar Addition (\$000)

BHP System with 80 MW Solar Addition (\$000)

**Annual Avoided Cost of 80 MW Solar Project (\$000)**

Fall River 80 MW Solar Project (GWh)

**Annual Avoided Cost of 80 MW Solar Project (\$/MWh)**

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

**Monthly Avoided Cost Calculation of 80 MW Solar Project**

	8/1/2039	9/1/2039	10/1/2039	11/1/2039	12/1/2039	1/1/2040	2/1/2040	3/1/2040	4/1/2040	5/1/2040	6/1/2040	7/1/2040	8/1/2040
<b>Monthly Total Cost (\$000)</b>													
BHP System without 80 MW Solar Addition (\$000)	4,670.60	3,746.24	3,425.08	3,487.90	4,389.18	4,343.36	4,070.23	3,826.96	4,372.16	3,349.16	3,692.57	5,062.04	4,738.53
BHP System with 80 MW Solar Addition(\$000)	3,850.65	3,278.17	3,114.85	3,282.05	4,179.71	4,076.32	3,712.54	3,387.06	3,798.19	2,887.78	3,112.31	3,854.34	3,896.78
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	819.95	468.07	310.23	205.85	209.47	267.04	357.70	439.90	573.97	461.38	580.26	1,207.70	841.76
Fall River 80 MW Solar Project Production (GWh)	20.66	16.19	11.76	7.12	5.65	6.84	10.00	14.05	16.83	18.67	22.13	22.73	20.55
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 39.69	\$ 28.91	\$ 26.39	\$ 28.93	\$ 37.06	\$ 39.06	\$ 35.77	\$ 31.30	\$ 34.10	\$ 24.72	\$ 26.22	\$ 53.14	\$ 40.95

**Annual Avoided Cost Calculation of 80 MW Solar Project**

**Annual Total Cost (\$000)**

BHP System without 80 MW Solar Addition (\$000)

BHP System with 80 MW Solar Addition (\$000)

**Annual Avoided Cost of 80 MW Solar Project (\$000)**

Fall River 80 MW Solar Project (GWh)

**Annual Avoided Cost of 80 MW Solar Project (\$/MWh)**

**2019-2040 BHP Avoided Cost for Fall River 80 MW Solar Project  
Avoided Cost Calculations**

**Avoid Cost Calculation - Difference in total system cost between the f**

<b>Monthly Avoided Cost Calculation of 80 MW Solar Project</b>	<b>9/1/2040</b>	<b>10/1/2040</b>	<b>11/1/2040</b>	<b>12/1/2040</b>
<b>Monthly Total Cost (\$000)</b>				
BHP System without 80 MW Solar Addition (\$000)	3,786.82	3,514.01	3,502.12	4,470.69
BHP System with 80 MW Solar Addition(\$000)	3,352.87	3,194.46	3,308.42	4,250.94
<b>Avoided Cost of 80 MW Solar Project (\$000)</b>	433.95	319.55	193.70	219.75
Fall River 80 MW Solar Project Production (GWh)	16.11	11.70	7.08	5.63
<b>Monthly Avoided Cost of 80 MW Solar Project (\$/MWh)</b>	\$ 26.94	\$ 27.32	\$ 27.36	\$ 39.07

**Annual Avoided Cost Calculation of 80 MW Solar Project**

<b>Annual Total Cost (\$000)</b>				
BHP System without 80 MW Solar Addition (\$000)				
BHP System with 80 MW Solar Addition (\$000)				
<b>Annual Avoided Cost of 80 MW Solar Project (\$000)</b>				
Fall River 80 MW Solar Project (GWh)				
<b>Annual Avoided Cost of 80 MW Solar Project (\$/MWh)</b>				