

Date: 17/12/2019

Settlement Day:22/11/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 236

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,989,190.500	+5,062,530.170
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,966,410.690	+390,214,092.670
Balancing Services Contract Cost	+898,725.028	+209,332,269.059
Balancing Services Cost Variable	+422,424.300	+104,374,923.735
ESO Incentive Recovery Costs	+0.000	+7,000,000.000
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+125,006.400	+27,657,046.436
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+194,480,765.440
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+974,307.120
ESO Incentive Recovery t-1	+80,000.000	+3,600,000.000
ALoMCP Recovery	-81,709.830	-3,676,942.350
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+194,480,765.440
Total External Costs	+3,414,985.008	+739,475,696.670
Total Adjusted Energy Volume (MWh)	+1,553,137.245	

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BALANCING SERVICES USE OF SYSTEM CHARGE - DAILY SETTLEMENT PERIOD COMPONENTS

Settlement Period	Period total Energy Volume(MWh)	Total Period Balance use of System Charges	Balancing Services Price(£/MWh)
01	+24,239.278	+121,818.621	+5.02567
02	+24,455.502	+122,555.062	+5.01135
03	+24,212.735	+115,012.196	+4.75007
04	+23,686.934	+97,997.401	+4.13719
05	+23,658.220	+95,098.037	+4.01966
06	+23,556.114	+95,994.263	+4.07513
07	+23,453.831	+110,838.288	+4.72581
08	+23,347.003	+127,440.073	+5.45852
09	+23,482.293	+146,595.052	+6.24279
10	+23,595.986	+121,557.628	+5.15162
11	+23,889.909	+126,989.060	+5.31559
12	+24,757.857	+125,457.734	+5.06739
13	+27,848.110	+88,624.344	+3.18242
14	+31,072.908	+80,048.643	+2.57616
15	+35,036.682	+80,863.537	+2.30797
16	+36,592.747	+82,683.628	+2.25956
17	+36,979.689	+68,674.413	+1.85708
18	+37,086.410	+62,983.269	+1.69828
19	+37,480.148	+54,795.074	+1.46198
20	+37,269.166	+64,484.465	+1.73024
21	+37,182.206	+80,887.592	+2.17544
22	+36,969.414	+92,858.701	+2.51177
23	+37,309.027	+82,412.450	+2.20891
24	+37,231.836	+82,749.529	+2.22255
25	+36,712.486	+106,957.736	+2.91339
26	+36,557.361	+87,703.704	+2.39907
27	+36,936.607	+83,093.437	+2.24962
28	+37,320.447	+77,139.572	+2.06695
29	+37,310.117	+71,844.870	+1.92561
30	+37,148.984	+68,541.988	+1.84506
31	+37,276.983	+66,052.095	+1.77193
32	+37,917.289	+70,504.606	+1.85943
33	+38,944.060	+87,979.822	+2.25913
34	+39,719.352	+102,693.032	+2.58547
35	+39,698.151	+83,465.070	+2.10249
36	+39,526.397	+78,274.386	+1.98031
37	+38,855.568	+83,016.911	+2.13655
38	+38,405.881	+77,607.157	+2.02071
39	+37,465.083	+77,969.942	+2.08114
40	+36,156.903	+74,773.116	+2.06802
41	+34,638.921	+60,926.970	+1.75892
42	+33,163.375	+47,119.030	+1.42082

43	+31,527.315	+64,230.137	+2.03729
44	+29,768.496	+74,840.388	+2.51408
45	+28,139.498	+70,821.156	+2.51679
46	+26,554.218	+70,423.950	+2.65208
47	+25,040.972	+107,212.833	+4.28150
48	+23,958.776	+116,445.081	+4.86023

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	Cashflow SO BM Cost (£)	Cashflow SO RR Cost (£)	Total SO Cashflow Cost (£)	Balancing Services Contract Cost (£)	Balancing Services Cost Variable (£)
01	+0.01561	+87,227.22	+0.00	+87,100.32	+14,029.098	+5,836.350
02	+0.01575	+87,808.15	+0.00	+87,577.73	+14,154.919	+5,836.350
03	+0.01559	+79,270.55	+0.00	+79,122.25	+14,011.123	+7,045.000
04	+0.01525	+62,867.68	+0.00	+62,736.53	+13,705.557	+7,045.000
05	+0.01523	+60,553.16	+0.00	+59,769.42	+13,687.582	+7,149.750
06	+0.01517	+61,090.72	+0.00	+60,776.66	+13,633.659	+7,149.750
07	+0.01510	+74,094.96	+0.00	+72,871.20	+13,570.748	+10,028.750
08	+0.01503	+89,872.76	+0.00	+89,602.50	+13,507.837	+10,028.750
09	+0.01512	+107,440.71	+0.00	+107,047.71	+13,588.722	+11,572.000
10	+0.01519	+82,730.23	+0.00	+81,880.77	+13,651.633	+11,572.000
11	+0.01538	+76,537.85	+0.00	+75,281.71	+13,822.391	+23,250.950
12	+0.01594	+73,909.57	+0.00	+72,714.26	+14,325.677	+23,250.950
13	+0.01793	+24,191.46	+0.00	+22,900.94	+16,114.140	+32,548.940
14	+0.02001	+11,645.59	+0.00	+10,476.78	+17,983.488	+32,548.940
15	+0.02256	+13,608.31	+0.00	+13,199.86	+20,275.237	+25,922.690
16	+0.02356	+13,942.34	+0.00	+13,169.73	+21,173.962	+25,922.690
17	+0.02381	-4,893.24	+0.00	-5,103.76	+21,398.643	+29,724.410
18	+0.02388	-10,806.87	+0.00	-10,924.42	+21,461.554	+29,724.410
19	+0.02413	+5,527.41	+0.00	+4,769.30	+21,686.235	+5,379.940
20	+0.02400	+15,963.17	+0.00	+14,699.22	+21,569.401	+5,379.940
21	+0.02394	+31,621.61	+0.00	+31,213.36	+21,515.477	+5,379.940
22	+0.02380	+43,600.71	+0.00	+43,443.50	+21,389.656	+5,379.940
23	+0.02402	+33,091.68	+0.00	+32,590.20	+21,587.375	+5,379.940
24	+0.02397	+33,372.85	+0.00	+33,019.79	+21,542.439	+5,379.940
25	+0.02364	+57,966.85	+0.00	+57,838.57	+21,245.860	+5,379.940
26	+0.02354	+39,158.94	+0.00	+38,769.56	+21,155.987	+5,379.940
27	+0.02378	+39,599.91	+0.00	+39,095.18	+21,371.681	+0.000
28	+0.02403	+33,033.60	+0.00	+32,678.76	+21,596.362	+0.000
29	+0.02402	+27,547.30	+0.00	+27,402.56	+21,587.375	+0.000
30	+0.02392	+24,405.35	+0.00	+24,284.70	+21,497.503	+0.000
31	+0.02400	+21,926.36	+0.00	+21,646.79	+21,569.401	+0.000
32	+0.02441	+25,522.49	+0.00	+25,340.71	+21,937.878	+0.000
33	+0.02507	+36,304.57	+0.00	+36,214.84	+22,531.036	+5,379.940
34	+0.02557	+50,064.64	+0.00	+50,002.94	+22,980.399	+5,379.940
35	+0.02556	+31,056.41	+0.00	+30,793.48	+22,971.412	+5,379.940
36	+0.02545	+25,997.36	+0.00	+25,806.32	+22,872.552	+5,379.940
37	+0.02502	+31,816.27	+0.00	+31,344.44	+22,486.100	+5,379.940
38	+0.02473	+26,615.56	+0.00	+26,471.25	+22,225.470	+5,379.940
39	+0.02412	+28,254.55	+0.00	+27,962.67	+21,677.248	+5,379.940
40	+0.02328	+26,511.92	+0.00	+26,320.03	+20,922.319	+5,379.940
41	+0.02230	+14,495.42	+0.00	+14,287.10	+20,041.568	+5,379.940
42	+0.02135	+8,212.26	+0.00	+7,616.81	+19,187.779	+0.000

43	+0.02030	+27,521.96	+.00	+26,670.65	+18,244.118	+.000
44	+0.01917	+39,609.31	+.00	+39,371.65	+17,228.559	+.000
45	+0.01812	+36,963.41	+.00	+36,693.95	+16,284.898	+601.200
46	+0.01710	+38,395.08	+.00	+38,183.97	+15,368.198	+601.200
47	+0.01612	+66,802.21	+.00	+65,584.65	+14,487.447	+11,802.620
48	+0.01543	+77,140.19	+.00	+76,093.55	+13,867.327	+11,802.620

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	ESO Incentive Recovery Costs	Black Start Capital Costs	Black Start Testing Costs	Black Start Availability Costs	Black Start Other Costs	System Operator Internal Costs(£)
01	+0.000	+0.000	+0.000	+1,951.350	+0.000	+12,863.749
02	+0.000	+0.000	+0.000	+1,968.851	+0.000	+12,979.119
03	+0.000	+0.000	+0.000	+1,948.850	+0.000	+12,847.268
04	+0.000	+0.000	+0.000	+1,906.348	+0.000	+12,567.083
05	+0.000	+0.000	+0.000	+1,903.847	+0.000	+12,550.602
06	+0.000	+0.000	+0.000	+1,896.347	+0.000	+12,501.158
07	+0.000	+0.000	+0.000	+1,887.597	+0.000	+12,443.473
08	+0.000	+0.000	+0.000	+1,878.846	+0.000	+12,385.788
09	+0.000	+0.000	+0.000	+1,890.097	+0.000	+12,459.954
10	+0.000	+0.000	+0.000	+1,898.847	+0.000	+12,517.639
11	+0.000	+0.000	+0.000	+1,922.598	+0.000	+12,674.213
12	+0.000	+0.000	+0.000	+1,992.602	+0.000	+13,135.692
13	+0.000	+0.000	+0.000	+2,241.365	+0.000	+14,775.594
14	+0.000	+0.000	+0.000	+2,501.378	+0.000	+16,489.662
15	+0.000	+0.000	+0.000	+2,820.144	+0.000	+18,591.043
16	+0.000	+0.000	+0.000	+2,945.151	+0.000	+19,415.114
17	+0.000	+0.000	+0.000	+2,976.402	+0.000	+19,621.131
18	+0.000	+0.000	+0.000	+2,985.153	+0.000	+19,678.816
19	+0.000	+0.000	+0.000	+3,016.404	+0.000	+19,884.834
20	+0.000	+0.000	+0.000	+3,000.154	+0.000	+19,777.705
21	+0.000	+0.000	+0.000	+2,992.653	+0.000	+19,728.261
22	+0.000	+0.000	+0.000	+2,975.152	+0.000	+19,612.891
23	+0.000	+0.000	+0.000	+3,002.654	+0.000	+19,794.186
24	+0.000	+0.000	+0.000	+2,996.403	+0.000	+19,752.983
25	+0.000	+0.000	+0.000	+2,955.151	+0.000	+19,481.039
26	+0.000	+0.000	+0.000	+2,942.651	+0.000	+19,398.632
27	+0.000	+0.000	+0.000	+2,972.652	+0.000	+19,596.409
28	+0.000	+0.000	+0.000	+3,003.904	+0.000	+19,802.427
29	+0.000	+0.000	+0.000	+3,002.654	+0.000	+19,794.186
30	+0.000	+0.000	+0.000	+2,990.153	+0.000	+19,711.779
31	+0.000	+0.000	+0.000	+3,000.154	+0.000	+19,777.705
32	+0.000	+0.000	+0.000	+3,051.406	+0.000	+20,115.574
33	+0.000	+0.000	+0.000	+3,133.910	+0.000	+20,659.461
34	+0.000	+0.000	+0.000	+3,196.414	+0.000	+21,071.496
35	+0.000	+0.000	+0.000	+3,195.164	+0.000	+21,063.256
36	+0.000	+0.000	+0.000	+3,181.413	+0.000	+20,972.608
37	+0.000	+0.000	+0.000	+3,127.660	+0.000	+20,618.257
38	+0.000	+0.000	+0.000	+3,091.408	+0.000	+20,379.277
39	+0.000	+0.000	+0.000	+3,015.154	+0.000	+19,876.593
40	+0.000	+0.000	+0.000	+2,910.149	+0.000	+19,184.374
41	+0.000	+0.000	+0.000	+2,787.643	+0.000	+18,376.784
42	+0.000	+0.000	+0.000	+2,668.887	+0.000	+17,593.917

43	+.000	+.000	+.000	+2,537.630	+.000	+16,728.642
44	+.000	+.000	+.000	+2,396.373	+.000	+15,797.442
45	+.000	+.000	+.000	+2,265.116	+.000	+14,932.167
46	+.000	+.000	+.000	+2,137.609	+.000	+14,091.615
47	+.000	+.000	+.000	+2,015.103	+.000	+13,284.025
48	+.000	+.000	+.000	+1,928.849	+.000	+12,715.416

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	System Innovation Costs(£)	Prior Year Cost Recovery	EMR Incentive Revenue	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(£)
01	+.000	+.000	+64.445	+1,248.800	-1,275.490	+.000
02	+.000	+.000	+65.023	+1,260.000	-1,286.930	+.000
03	+.000	+.000	+64.362	+1,247.200	-1,273.856	+.000
04	+.000	+.000	+62.958	+1,220.000	-1,246.075	+.000
05	+.000	+.000	+62.876	+1,218.400	-1,244.441	+.000
06	+.000	+.000	+62.628	+1,213.600	-1,239.538	+.000
07	+.000	+.000	+62.339	+1,208.000	-1,233.818	+.000
08	+.000	+.000	+62.050	+1,202.400	-1,228.099	+.000
09	+.000	+.000	+62.422	+1,209.600	-1,235.453	+.000
10	+.000	+.000	+62.711	+1,215.200	-1,241.172	+.000
11	+.000	+.000	+63.495	+1,230.400	-1,256.697	+.000
12	+.000	+.000	+65.807	+1,275.200	-1,302.455	+.000
13	+.000	+.000	+74.023	+1,434.400	-1,465.057	+.000
14	+.000	+.000	+82.610	+1,600.800	-1,635.014	+.000
15	+.000	+.000	+93.137	+1,804.800	-1,843.374	+.000
16	+.000	+.000	+97.266	+1,884.800	-1,925.084	+.000
17	+.000	+.000	+98.298	+1,904.800	-1,945.511	+.000
18	+.000	+.000	+98.587	+1,910.400	-1,951.231	+.000
19	+.000	+.000	+99.619	+1,930.400	-1,971.658	+.000
20	+.000	+.000	+99.082	+1,920.000	-1,961.036	+.000
21	+.000	+.000	+98.834	+1,915.200	-1,956.133	+.000
22	+.000	+.000	+98.256	+1,904.000	-1,944.694	+.000
23	+.000	+.000	+99.165	+1,921.600	-1,962.670	+.000
24	+.000	+.000	+98.958	+1,917.600	-1,958.585	+.000
25	+.000	+.000	+97.596	+1,891.200	-1,931.620	+.000
26	+.000	+.000	+97.183	+1,883.200	-1,923.449	+.000
27	+.000	+.000	+98.174	+1,902.400	-1,943.060	+.000
28	+.000	+.000	+99.206	+1,922.400	-1,963.487	+.000
29	+.000	+.000	+99.165	+1,921.600	-1,962.670	+.000
30	+.000	+.000	+98.752	+1,913.600	-1,954.499	+.000
31	+.000	+.000	+99.082	+1,920.000	-1,961.036	+.000
32	+.000	+.000	+100.775	+1,952.800	-1,994.537	+.000
33	+.000	+.000	+103.499	+2,005.600	-2,048.465	+.000
34	+.000	+.000	+105.564	+2,045.600	-2,089.320	+.000
35	+.000	+.000	+105.522	+2,044.800	-2,088.503	+.000
36	+.000	+.000	+105.068	+2,036.000	-2,079.515	+.000
37	+.000	+.000	+103.293	+2,001.600	-2,044.380	+.000
38	+.000	+.000	+102.096	+1,978.400	-2,020.684	+.000
39	+.000	+.000	+99.577	+1,929.600	-1,970.841	+.000
40	+.000	+.000	+96.110	+1,862.400	-1,902.205	+.000
41	+.000	+.000	+92.064	+1,784.000	-1,822.129	+.000
42	+.000	+.000	+88.142	+1,708.000	-1,744.505	+.000

43	+.000	+.000	+83.807	+1,624.000	-1,658.710	+.000
44	+.000	+.000	+79.142	+1,533.600	-1,566.377	+.000
45	+.000	+.000	+74.807	+1,449.600	-1,480.582	+.000
46	+.000	+.000	+70.596	+1,368.000	-1,397.238	+.000
47	+.000	+.000	+66.550	+1,289.600	-1,317.162	+.000
48	+.000	+.000	+63.702	+1,234.400	-1,260.783	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+ .000	+121,818.621
02	+ .000	+122,555.062
03	+ .000	+115,012.196
04	+ .000	+97,997.401
05	+ .000	+95,098.037
06	+ .000	+95,994.263
07	+ .000	+110,838.288
08	+ .000	+127,440.073
09	+ .000	+146,595.052
10	+ .000	+121,557.628
11	+ .000	+126,989.060
12	+ .000	+125,457.734
13	+ .000	+88,624.344
14	+ .000	+80,048.643
15	+ .000	+80,863.537
16	+ .000	+82,683.628
17	+ .000	+68,674.413
18	+ .000	+62,983.269
19	+ .000	+54,795.074
20	+ .000	+64,484.465
21	+ .000	+80,887.592
22	+ .000	+92,858.701
23	+ .000	+82,412.450
24	+ .000	+82,749.529
25	+ .000	+106,957.736
26	+ .000	+87,703.704
27	+ .000	+83,093.437
28	+ .000	+77,139.572
29	+ .000	+71,844.870
30	+ .000	+68,541.988
31	+ .000	+66,052.095
32	+ .000	+70,504.606
33	+ .000	+87,979.822
34	+ .000	+102,693.032
35	+ .000	+83,465.070
36	+ .000	+78,274.386
37	+ .000	+83,016.911
38	+ .000	+77,607.157
39	+ .000	+77,969.942
40	+ .000	+74,773.116
41	+ .000	+60,926.970
42	+ .000	+47,119.030

43	+.000	+64,230.137
44	+.000	+74,840.388
45	+.000	+70,821.156
46	+.000	+70,423.950
47	+.000	+107,212.833
48	+.000	+116,445.081