

Date: 12/12/2019

Settlement Day:19/11/2019

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: 233

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+738,932.770	+738,932.770
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+727,206.880	+385,948,331.060
Balancing Services Contract Cost	+864,248.452	+206,975,705.525
Balancing Services Cost Variable	+326,877.080	+99,945,410.395
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	+123,193.640	+27,282,027.236
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+192,008,552.320
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+961,921.860
ESO Incentive Recovery t-1	+80,000.000	+3,360,000.000
ALoMCP Recovery	-81,709.830	-3,431,812.860
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+192,008,552.320
Total External Costs	+2,043,944.642	+728,041,583.216
Total Adjusted Energy Volume (MWh)	+1,717,685.884	

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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	+27,783.510	+66,766.986	+2.40312
02	+27,831.533	+63,601.184	+2.28522
03	+27,634.212	+41,117.251	+1.48791
04	+27,288.322	+31,170.295	+1.14226
05	+27,464.484	+43,303.138	+1.57670
06	+27,488.354	+39,014.188	+1.41930
07	+26,994.045	+31,320.417	+1.16027
08	+26,823.945	+32,954.433	+1.22855
09	+26,636.040	+34,847.781	+1.30829
10	+26,916.209	+49,290.390	+1.83125
11	+27,384.251	+44,482.972	+1.62440
12	+28,874.453	+51,800.342	+1.79399
13	+32,289.380	+77,694.776	+2.40620
14	+35,194.996	+88,126.131	+2.50394
15	+38,491.279	+62,581.850	+1.62587
16	+39,706.603	+68,009.841	+1.71281
17	+40,179.158	+70,434.893	+1.75302
18	+40,193.216	+72,032.102	+1.79215
19	+40,311.493	+68,801.208	+1.70674
20	+40,498.428	+67,410.960	+1.66453
21	+40,303.134	+73,930.428	+1.83436
22	+40,074.035	+61,068.907	+1.52390
23	+39,878.006	+69,965.475	+1.75449
24	+39,848.360	+67,266.876	+1.68807
25	+40,116.175	+60,709.036	+1.51333
26	+40,172.124	+56,061.593	+1.39553
27	+40,311.587	+50,062.588	+1.24189
28	+40,140.983	+42,571.484	+1.06055
29	+40,251.360	+51,491.970	+1.27926
30	+40,333.625	+52,042.757	+1.29031
31	+40,557.853	+72,447.588	+1.78628
32	+41,438.924	+67,126.943	+1.61990
33	+42,181.329	+54,709.863	+1.29702
34	+41,928.461	+39,029.243	+0.93085
35	+42,013.245	+79,150.140	+1.88393
36	+41,688.029	+91,195.103	+2.18756
37	+41,852.550	+67,506.236	+1.61295
38	+42,099.057	+74,683.637	+1.77400
39	+41,856.918	+78,061.696	+1.86497
40	+40,878.073	+79,743.945	+1.95078
41	+39,766.546	+74,515.549	+1.87383
42	+38,224.363	+65,839.661	+1.72245

43	+36,481.613	+58,911.720	+1.61483
44	+34,194.125	+46,723.371	+1.36642
45	+31,666.665	+47,054.231	+1.48592
46	+29,560.009	+44,878.235	+1.51821
47	+27,645.081	+68,785.491	+2.48816
48	+26,239.743	+67,757.057	+2.58223

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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	+0.01617	+34,445.33	+0.00	+34,439.71	+13,974.897	+2,996.000
02	+0.01620	+31,393.20	+0.00	+31,219.49	+14,000.825	+2,996.000
03	+0.01609	+11,825.32	+0.00	+11,821.09	+13,905.758	+110.000
04	+0.01589	+2,236.92	+0.00	+2,236.92	+13,732.908	+110.000
05	+0.01599	+14,188.37	+0.00	+14,188.37	+13,819.333	+110.000
06	+0.01600	+10,054.74	+0.00	+9,881.28	+13,827.975	+110.000
07	+0.01572	-2,113.37	+0.00	-2,152.59	+13,585.986	+4,958.000
08	+0.01562	-334.23	+0.00	-337.18	+13,499.561	+4,958.000
09	+0.01551	+241.38	+0.00	+231.00	+13,404.493	+6,482.700
10	+0.01567	+14,435.00	+0.00	+14,383.38	+13,542.773	+6,482.700
11	+0.01594	+8,997.22	+0.00	+8,273.50	+13,776.120	+7,295.400
12	+0.01681	+14,216.33	+0.00	+14,122.75	+14,528.016	+7,185.400
13	+0.01880	+38,467.89	+0.00	+38,350.62	+16,247.871	+5,242.240
14	+0.02049	+46,540.20	+0.00	+45,716.43	+17,708.451	+5,242.240
15	+0.02241	+17,368.34	+0.00	+16,689.40	+19,367.808	+5,242.240
16	+0.02312	+21,331.13	+0.00	+20,829.50	+19,981.424	+5,242.240
17	+0.02339	+23,091.29	+0.00	+22,764.79	+20,214.771	+5,242.240
18	+0.02340	+24,671.55	+0.00	+24,343.86	+20,223.414	+5,242.240
19	+0.02347	+21,386.64	+0.00	+20,985.99	+20,283.911	+5,242.240
20	+0.02358	+19,866.86	+0.00	+19,396.21	+20,378.978	+5,242.240
21	+0.02346	+26,238.74	+0.00	+26,133.35	+20,275.269	+5,242.240
22	+0.02333	+13,686.77	+0.00	+13,507.64	+20,162.916	+5,242.240
23	+0.02322	+22,763.37	+0.00	+22,603.74	+20,067.849	+5,242.240
24	+0.02320	+20,084.85	+0.00	+19,941.42	+20,050.564	+5,242.240
25	+0.02335	+13,228.82	+0.00	+13,111.49	+20,180.201	+5,242.240
26	+0.02339	+8,566.52	+0.00	+8,391.49	+20,214.771	+5,242.240
27	+0.02347	+7,566.85	+0.00	+7,489.61	+20,283.911	+0.000
28	+0.02337	+210.61	+0.00	+179.90	+20,197.486	+0.000
29	+0.02343	-2,914.92	+0.00	-2,958.33	+20,249.341	+11,949.880
30	+0.02348	-2,352.49	+0.00	-2,498.24	+20,292.554	+11,949.880
31	+0.02361	+2,466.27	+0.00	+2,135.91	+20,404.906	+27,484.750
32	+0.02412	-3,510.33	+0.00	-4,109.84	+20,845.673	+27,484.750
33	+0.02456	+5,102.16	+0.00	+4,917.46	+21,225.942	+5,242.240
34	+0.02441	-10,470.29	+0.00	-10,491.07	+21,096.305	+5,242.240
35	+0.02446	-2,195.11	+0.00	-3,084.57	+21,139.517	+37,865.940
36	+0.02427	+10,074.24	+0.00	+9,305.04	+20,975.310	+37,865.940
37	+0.02437	+9,933.71	+0.00	+9,838.38	+21,061.735	+13,462.340
38	+0.02451	+16,786.95	+0.00	+16,761.83	+21,182.730	+13,462.340
39	+0.02437	+29,193.93	+0.00	+28,613.94	+21,061.735	+5,242.240
40	+0.02380	+31,852.08	+0.00	+31,330.13	+20,569.113	+5,242.240
41	+0.02315	+27,560.23	+0.00	+27,280.79	+20,007.352	+5,242.240
42	+0.02225	+25,722.35	+0.00	+25,479.68	+19,229.528	+0.000

43	+0.02124	+20,640.67	+.00	+20,383.81	+18,356.637	+.000
44	+0.01991	+10,970.96	+.00	+10,607.99	+17,207.187	+.000
45	+0.01844	+13,725.02	+.00	+13,605.33	+15,936.741	+.000
46	+0.01721	+13,680.81	+.00	+13,660.47	+14,873.716	+.000
47	+0.01609	+38,809.77	+.00	+38,622.08	+13,905.758	+977.250
48	+0.01528	+39,200.12	+.00	+39,062.93	+13,205.716	+977.250

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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	+1,992.041	+0.000	+13,325.229
02	+0.000	+0.000	+0.000	+1,995.737	+0.000	+13,349.951
03	+0.000	+0.000	+0.000	+1,982.186	+0.000	+13,259.303
04	+0.000	+0.000	+0.000	+1,957.547	+0.000	+13,094.489
05	+0.000	+0.000	+0.000	+1,969.866	+0.000	+13,176.896
06	+0.000	+0.000	+0.000	+1,971.098	+0.000	+13,185.137
07	+0.000	+0.000	+0.000	+1,936.604	+0.000	+12,954.397
08	+0.000	+0.000	+0.000	+1,924.285	+0.000	+12,871.990
09	+0.000	+0.000	+0.000	+1,910.733	+0.000	+12,781.342
10	+0.000	+0.000	+0.000	+1,930.444	+0.000	+12,913.193
11	+0.000	+0.000	+0.000	+1,963.707	+0.000	+13,135.692
12	+0.000	+0.000	+0.000	+2,070.885	+0.000	+13,852.634
13	+0.000	+0.000	+0.000	+2,316.040	+0.000	+15,492.536
14	+0.000	+0.000	+0.000	+2,524.238	+0.000	+16,885.216
15	+0.000	+0.000	+0.000	+2,760.769	+0.000	+18,467.432
16	+0.000	+0.000	+0.000	+2,848.237	+0.000	+19,052.522
17	+0.000	+0.000	+0.000	+2,881.499	+0.000	+19,275.022
18	+0.000	+0.000	+0.000	+2,882.731	+0.000	+19,283.262
19	+0.000	+0.000	+0.000	+2,891.355	+0.000	+19,340.947
20	+0.000	+0.000	+0.000	+2,904.906	+0.000	+19,431.595
21	+0.000	+0.000	+0.000	+2,890.123	+0.000	+19,332.707
22	+0.000	+0.000	+0.000	+2,874.108	+0.000	+19,225.577
23	+0.000	+0.000	+0.000	+2,860.556	+0.000	+19,134.930
24	+0.000	+0.000	+0.000	+2,858.092	+0.000	+19,118.448
25	+0.000	+0.000	+0.000	+2,876.571	+0.000	+19,242.059
26	+0.000	+0.000	+0.000	+2,881.499	+0.000	+19,275.022
27	+0.000	+0.000	+0.000	+2,891.355	+0.000	+19,340.947
28	+0.000	+0.000	+0.000	+2,879.035	+0.000	+19,258.540
29	+0.000	+0.000	+0.000	+2,886.427	+0.000	+19,307.984
30	+0.000	+0.000	+0.000	+2,892.587	+0.000	+19,349.188
31	+0.000	+0.000	+0.000	+2,908.602	+0.000	+19,456.317
32	+0.000	+0.000	+0.000	+2,971.431	+0.000	+19,876.593
33	+0.000	+0.000	+0.000	+3,025.636	+0.000	+20,239.185
34	+0.000	+0.000	+0.000	+3,007.157	+0.000	+20,115.574
35	+0.000	+0.000	+0.000	+3,013.316	+0.000	+20,156.778
36	+0.000	+0.000	+0.000	+2,989.910	+0.000	+20,000.204
37	+0.000	+0.000	+0.000	+3,002.229	+0.000	+20,082.611
38	+0.000	+0.000	+0.000	+3,019.476	+0.000	+20,197.981
39	+0.000	+0.000	+0.000	+3,002.229	+0.000	+20,082.611
40	+0.000	+0.000	+0.000	+2,932.009	+0.000	+19,612.891
41	+0.000	+0.000	+0.000	+2,851.933	+0.000	+19,077.245
42	+0.000	+0.000	+0.000	+2,741.058	+0.000	+18,335.581

43	+.000	+.000	+.000	+2,616.633	+.000	+17,503.269
44	+.000	+.000	+.000	+2,452.785	+.000	+16,407.254
45	+.000	+.000	+.000	+2,271.691	+.000	+15,195.870
46	+.000	+.000	+.000	+2,120.163	+.000	+14,182.263
47	+.000	+.000	+.000	+1,982.186	+.000	+13,259.303
48	+.000	+.000	+.000	+1,882.399	+.000	+12,591.805

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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	+66.757	+1,293.600	-1,321.248	+.000
02	+.000	+.000	+66.880	+1,296.000	-1,323.699	+.000
03	+.000	+.000	+66.426	+1,287.200	-1,314.711	+.000
04	+.000	+.000	+65.601	+1,271.200	-1,298.369	+.000
05	+.000	+.000	+66.013	+1,279.200	-1,306.540	+.000
06	+.000	+.000	+66.055	+1,280.000	-1,307.357	+.000
07	+.000	+.000	+64.899	+1,257.600	-1,284.479	+.000
08	+.000	+.000	+64.486	+1,249.600	-1,276.308	+.000
09	+.000	+.000	+64.032	+1,240.800	-1,267.319	+.000
10	+.000	+.000	+64.692	+1,253.600	-1,280.393	+.000
11	+.000	+.000	+65.807	+1,275.200	-1,302.455	+.000
12	+.000	+.000	+69.399	+1,344.800	-1,373.542	+.000
13	+.000	+.000	+77.614	+1,504.000	-1,536.145	+.000
14	+.000	+.000	+84.591	+1,639.200	-1,674.234	+.000
15	+.000	+.000	+92.518	+1,792.800	-1,831.117	+.000
16	+.000	+.000	+95.449	+1,849.600	-1,889.131	+.000
17	+.000	+.000	+96.564	+1,871.200	-1,911.193	+.000
18	+.000	+.000	+96.605	+1,872.000	-1,912.010	+.000
19	+.000	+.000	+96.894	+1,877.600	-1,917.730	+.000
20	+.000	+.000	+97.348	+1,886.400	-1,926.718	+.000
21	+.000	+.000	+96.853	+1,876.800	-1,916.913	+.000
22	+.000	+.000	+96.316	+1,866.400	-1,906.290	+.000
23	+.000	+.000	+95.862	+1,857.600	-1,897.302	+.000
24	+.000	+.000	+95.779	+1,856.000	-1,895.668	+.000
25	+.000	+.000	+96.399	+1,868.000	-1,907.925	+.000
26	+.000	+.000	+96.564	+1,871.200	-1,911.193	+.000
27	+.000	+.000	+96.894	+1,877.600	-1,917.730	+.000
28	+.000	+.000	+96.481	+1,869.600	-1,909.559	+.000
29	+.000	+.000	+96.729	+1,874.400	-1,914.461	+.000
30	+.000	+.000	+96.935	+1,878.400	-1,918.547	+.000
31	+.000	+.000	+97.472	+1,888.800	-1,929.169	+.000
32	+.000	+.000	+99.577	+1,929.600	-1,970.841	+.000
33	+.000	+.000	+101.394	+1,964.800	-2,006.793	+.000
34	+.000	+.000	+100.775	+1,952.800	-1,994.537	+.000
35	+.000	+.000	+100.981	+1,956.800	-1,998.622	+.000
36	+.000	+.000	+100.197	+1,941.600	-1,983.098	+.000
37	+.000	+.000	+100.610	+1,949.600	-1,991.269	+.000
38	+.000	+.000	+101.188	+1,960.800	-2,002.708	+.000
39	+.000	+.000	+100.610	+1,949.600	-1,991.269	+.000
40	+.000	+.000	+98.256	+1,904.000	-1,944.694	+.000
41	+.000	+.000	+95.573	+1,852.000	-1,891.583	+.000
42	+.000	+.000	+91.857	+1,780.000	-1,818.044	+.000



43	+.000	+.000	+87.688	+1,699.200	-1,735.517	+.000
44	+.000	+.000	+82.197	+1,592.800	-1,626.843	+.000
45	+.000	+.000	+76.128	+1,475.200	-1,506.729	+.000
46	+.000	+.000	+71.050	+1,376.800	-1,406.226	+.000
47	+.000	+.000	+66.426	+1,287.200	-1,314.711	+.000
48	+.000	+.000	+63.082	+1,222.400	-1,248.526	+.000

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

Settlement Period	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+ .000	+66,766.986
02	+ .000	+63,601.184
03	+ .000	+41,117.251
04	+ .000	+31,170.295
05	+ .000	+43,303.138
06	+ .000	+39,014.188
07	+ .000	+31,320.417
08	+ .000	+32,954.433
09	+ .000	+34,847.781
10	+ .000	+49,290.390
11	+ .000	+44,482.972
12	+ .000	+51,800.342
13	+ .000	+77,694.776
14	+ .000	+88,126.131
15	+ .000	+62,581.850
16	+ .000	+68,009.841
17	+ .000	+70,434.893
18	+ .000	+72,032.102
19	+ .000	+68,801.208
20	+ .000	+67,410.960
21	+ .000	+73,930.428
22	+ .000	+61,068.907
23	+ .000	+69,965.475
24	+ .000	+67,266.876
25	+ .000	+60,709.036
26	+ .000	+56,061.593
27	+ .000	+50,062.588
28	+ .000	+42,571.484
29	+ .000	+51,491.970
30	+ .000	+52,042.757
31	+ .000	+72,447.588
32	+ .000	+67,126.943
33	+ .000	+54,709.863
34	+ .000	+39,029.243
35	+ .000	+79,150.140
36	+ .000	+91,195.103
37	+ .000	+67,506.236
38	+ .000	+74,683.637
39	+ .000	+78,061.696
40	+ .000	+79,743.945
41	+ .000	+74,515.549
42	+ .000	+65,839.661

43	+.000	+58,911.720
44	+.000	+46,723.371
45	+.000	+47,054.231
46	+.000	+44,878.235
47	+.000	+68,785.491
48	+.000	+67,757.057