

Date: 10/03/2020

Settlement Day:16/02/2020

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: 322

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+6,901,816.050	+287,075,839.000
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+6,709,723.860	+669,439,637.270
Balancing Services Contract Cost	+882,016.921	+285,344,577.047
Balancing Services Cost Variable	+668,451.600	+131,212,177.685
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	+117,506.880	+37,993,344.395
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+265,350,874.880
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,329,351.240
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-10,703,987.730
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+265,350,874.880
Total External Costs	+8,300,117.851	+1,125,855,099.907
Total Adjusted Energy Volume (MWh)	+1,190,228.647	

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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	+20,905.185	+163,225.976	+7.80792
02	+21,491.634	+162,070.923	+7.54112
03	+21,391.292	+175,175.981	+8.18913
04	+20,505.212	+188,193.641	+9.17784
05	+20,095.688	+211,199.977	+10.50972
06	+19,812.825	+205,496.064	+10.37187
07	+19,688.679	+219,158.532	+11.13120
08	+19,030.908	+213,456.915	+11.21633
09	+19,122.071	+225,837.806	+11.81032
10	+19,215.992	+229,131.297	+11.92399
11	+19,185.008	+244,947.587	+12.76766
12	+19,301.195	+247,769.308	+12.83699
13	+19,856.809	+217,305.434	+10.94362
14	+20,259.595	+200,791.009	+9.91091
15	+20,915.137	+192,501.876	+9.20395
16	+21,277.512	+186,016.920	+8.74242
17	+22,085.190	+179,581.729	+8.13132
18	+23,270.226	+199,815.173	+8.58673
19	+24,222.730	+184,005.593	+7.59640
20	+25,479.419	+189,764.008	+7.44774
21	+26,556.496	+185,162.990	+6.97242
22	+27,112.985	+209,192.986	+7.71560
23	+27,578.371	+220,261.081	+7.98673
24	+28,059.442	+224,846.997	+8.01324
25	+28,660.722	+232,543.883	+8.11368
26	+29,009.196	+230,646.187	+7.95080
27	+28,742.405	+218,387.534	+7.59810
28	+28,058.769	+202,101.517	+7.20279
29	+27,648.618	+189,415.482	+6.85081
30	+27,296.447	+182,093.828	+6.67097
31	+27,378.696	+172,328.849	+6.29427
32	+27,691.453	+158,518.293	+5.72445
33	+28,078.532	+168,966.637	+6.01764
34	+29,094.626	+179,415.918	+6.16663
35	+30,208.599	+169,725.391	+5.61845
36	+31,531.047	+180,810.956	+5.73438
37	+31,756.468	+186,461.318	+5.87160
38	+31,165.685	+169,877.752	+5.45079
39	+30,249.706	+160,984.331	+5.32185
40	+29,419.465	+146,306.982	+4.97314
41	+28,694.645	+161,971.924	+5.64467
42	+27,355.158	+161,939.669	+5.91990

43	+26,326.962	+177,708.327	+6.75005
44	+24,860.953	+165,940.791	+6.67476
45	+23,703.767	+167,917.298	+7.08399
46	+22,839.041	+148,531.618	+6.50341
47	+22,205.251	+161,849.111	+7.28878
48	+21,832.835	+154,818.036	+7.09106

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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	+0.01756	+97,108.29	+0.00	+96,865.23	+15,488.217	+35,700.750
02	+0.01806	+95,011.79	+0.00	+94,837.17	+15,929.226	+35,700.750
03	+0.01797	+106,837.11	+0.00	+103,782.84	+15,849.844	+40,017.280
04	+0.01723	+123,402.01	+0.00	+118,092.55	+15,197.152	+40,017.280
05	+0.01688	+146,902.00	+0.00	+146,426.94	+14,888.446	+35,300.330
06	+0.01665	+142,006.29	+0.00	+141,124.61	+14,685.582	+35,300.330
07	+0.01654	+150,352.50	+0.00	+149,518.79	+14,588.560	+40,760.680
08	+0.01599	+145,719.11	+0.00	+144,777.48	+14,103.451	+40,760.680
09	+0.01607	+153,041.37	+0.00	+151,986.27	+14,174.012	+45,793.100
10	+0.01614	+156,677.96	+0.00	+155,157.54	+14,235.753	+45,793.100
11	+0.01612	+157,897.92	+0.00	+149,542.81	+14,218.113	+67,259.040
12	+0.01622	+160,909.16	+0.00	+152,189.93	+14,306.314	+67,259.040
13	+0.01668	+154,767.65	+0.00	+153,755.93	+14,712.042	+34,426.000
14	+0.01702	+142,572.27	+0.00	+136,647.86	+15,011.928	+34,426.000
15	+0.01757	+150,438.03	+0.00	+142,131.74	+15,497.037	+19,692.680
16	+0.01788	+141,006.26	+0.00	+135,105.52	+15,770.463	+19,692.680
17	+0.01856	+172,272.72	+0.00	+148,842.72	+16,370.234	-1,667.000
18	+0.01955	+182,182.07	+0.00	+167,347.61	+17,243.431	-1,667.000
19	+0.02035	+165,615.10	+0.00	+153,960.77	+17,949.044	-5,486.550
20	+0.02141	+168,602.62	+0.00	+157,868.41	+18,883.982	-5,486.550
21	+0.02231	+160,388.11	+0.00	+151,679.61	+19,677.798	-5,470.180
22	+0.02278	+170,906.23	+0.00	+170,045.03	+20,092.345	-626.230
23	+0.02317	+178,285.23	+0.00	+177,233.10	+20,436.332	+2,572.850
24	+0.02357	+182,277.73	+0.00	+181,120.61	+20,789.139	+2,572.850
25	+0.02408	+187,648.87	+0.00	+186,371.68	+21,238.967	+4,128.200
26	+0.02437	+185,458.35	+0.00	+183,967.64	+21,494.752	+4,128.200
27	+0.02415	+178,389.65	+0.00	+177,280.94	+21,300.709	-1,059.630
28	+0.02357	+162,997.30	+0.00	+162,007.61	+20,789.139	-1,059.630
29	+0.02323	+150,492.90	+0.00	+149,574.84	+20,489.253	-719.250
30	+0.02293	+143,944.05	+0.00	+142,776.99	+20,224.648	-719.250
31	+0.02300	+142,137.88	+0.00	+133,185.04	+20,286.389	-1,014.500
32	+0.02327	+134,130.08	+0.00	+118,903.06	+20,524.534	-1,014.500
33	+0.02359	+130,571.45	+0.00	+129,005.68	+20,806.779	-1,227.500
34	+0.02444	+134,787.86	+0.00	+133,126.90	+21,556.494	+3,616.450
35	+0.02538	+123,224.96	+0.00	+120,434.02	+22,385.589	+4,977.550
36	+0.02649	+130,390.76	+0.00	+129,581.51	+23,364.628	+4,977.550
37	+0.02668	+135,700.45	+0.00	+135,233.73	+23,532.211	+4,643.950
38	+0.02618	+119,975.32	+0.00	+119,523.17	+23,091.203	+4,643.950
39	+0.02542	+114,661.65	+0.00	+112,832.40	+22,420.870	+3,768.270
40	+0.02472	+109,067.22	+0.00	+99,377.26	+21,803.458	+3,768.270
41	+0.02411	+123,815.21	+0.00	+122,244.55	+21,265.428	-2,369.010
42	+0.02298	+125,964.28	+0.00	+124,185.29	+20,268.749	-2,369.010

43	+0.02212	+144,166.04	+ .00	+142,951.99	+19,510.214	-3,865.480
44	+0.02089	+134,237.28	+ .00	+133,332.05	+18,425.333	-3,865.480
45	+0.01992	+134,210.06	+ .00	+133,688.19	+17,569.777	-551.480
46	+0.01919	+125,644.47	+ .00	+115,577.10	+16,925.905	-551.480
47	+0.01866	+115,889.80	+ .00	+115,496.75	+16,458.436	+13,771.750
48	+0.01834	+109,130.63	+ .00	+109,024.40	+16,176.190	+13,771.750

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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	+2,063.421	+0.000	+14,470.687
02	+0.000	+0.000	+0.000	+2,122.174	+0.000	+14,882.723
03	+0.000	+0.000	+0.000	+2,111.599	+0.000	+14,808.557
04	+0.000	+0.000	+0.000	+2,024.644	+0.000	+14,198.744
05	+0.000	+0.000	+0.000	+1,983.516	+0.000	+13,910.319
06	+0.000	+0.000	+0.000	+1,956.490	+0.000	+13,720.783
07	+0.000	+0.000	+0.000	+1,943.564	+0.000	+13,630.135
08	+0.000	+0.000	+0.000	+1,878.935	+0.000	+13,176.896
09	+0.000	+0.000	+0.000	+1,888.336	+0.000	+13,242.822
10	+0.000	+0.000	+0.000	+1,896.561	+0.000	+13,300.507
11	+0.000	+0.000	+0.000	+1,894.211	+0.000	+13,284.025
12	+0.000	+0.000	+0.000	+1,905.962	+0.000	+13,366.432
13	+0.000	+0.000	+0.000	+1,960.015	+0.000	+13,745.505
14	+0.000	+0.000	+0.000	+1,999.967	+0.000	+14,025.689
15	+0.000	+0.000	+0.000	+2,064.596	+0.000	+14,478.928
16	+0.000	+0.000	+0.000	+2,101.023	+0.000	+14,734.390
17	+0.000	+0.000	+0.000	+2,180.928	+0.000	+15,294.759
18	+0.000	+0.000	+0.000	+2,297.260	+0.000	+16,110.589
19	+0.000	+0.000	+0.000	+2,391.265	+0.000	+16,769.846
20	+0.000	+0.000	+0.000	+2,515.822	+0.000	+17,643.361
21	+0.000	+0.000	+0.000	+2,621.578	+0.000	+18,385.025
22	+0.000	+0.000	+0.000	+2,676.807	+0.000	+18,772.338
23	+0.000	+0.000	+0.000	+2,722.634	+0.000	+19,093.726
24	+0.000	+0.000	+0.000	+2,769.637	+0.000	+19,423.354
25	+0.000	+0.000	+0.000	+2,829.566	+0.000	+19,843.631
26	+0.000	+0.000	+0.000	+2,863.643	+0.000	+20,082.611
27	+0.000	+0.000	+0.000	+2,837.791	+0.000	+19,901.316
28	+0.000	+0.000	+0.000	+2,769.637	+0.000	+19,423.354
29	+0.000	+0.000	+0.000	+2,729.685	+0.000	+19,143.170
30	+0.000	+0.000	+0.000	+2,694.433	+0.000	+18,895.949
31	+0.000	+0.000	+0.000	+2,702.658	+0.000	+18,953.634
32	+0.000	+0.000	+0.000	+2,734.385	+0.000	+19,176.133
33	+0.000	+0.000	+0.000	+2,771.987	+0.000	+19,439.836
34	+0.000	+0.000	+0.000	+2,871.868	+0.000	+20,140.296
35	+0.000	+0.000	+0.000	+2,982.325	+0.000	+20,914.923
36	+0.000	+0.000	+0.000	+3,112.757	+0.000	+21,829.642
37	+0.000	+0.000	+0.000	+3,135.084	+0.000	+21,986.215
38	+0.000	+0.000	+0.000	+3,076.330	+0.000	+21,574.180
39	+0.000	+0.000	+0.000	+2,987.025	+0.000	+20,947.886
40	+0.000	+0.000	+0.000	+2,904.770	+0.000	+20,371.036
41	+0.000	+0.000	+0.000	+2,833.091	+0.000	+19,868.353
42	+0.000	+0.000	+0.000	+2,700.308	+0.000	+18,937.152

43	+.000	+.000	+.000	+2,599.252	+.000	+18,228.451
44	+.000	+.000	+.000	+2,454.719	+.000	+17,214.844
45	+.000	+.000	+.000	+2,340.737	+.000	+16,415.495
46	+.000	+.000	+.000	+2,254.957	+.000	+15,813.923
47	+.000	+.000	+.000	+2,192.678	+.000	+15,377.166
48	+.000	+.000	+.000	+2,155.076	+.000	+15,113.463

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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	+72.495	+.000	-1,434.825	+.000
02	+.000	+.000	+74.559	+.000	-1,475.680	+.000
03	+.000	+.000	+74.188	+.000	-1,468.326	+.000
04	+.000	+.000	+71.133	+.000	-1,407.860	+.000
05	+.000	+.000	+69.688	+.000	-1,379.262	+.000
06	+.000	+.000	+68.738	+.000	-1,360.469	+.000
07	+.000	+.000	+68.284	+.000	-1,351.481	+.000
08	+.000	+.000	+66.013	+.000	-1,306.540	+.000
09	+.000	+.000	+66.344	+.000	-1,313.077	+.000
10	+.000	+.000	+66.633	+.000	-1,318.797	+.000
11	+.000	+.000	+66.550	+.000	-1,317.162	+.000
12	+.000	+.000	+66.963	+.000	-1,325.333	+.000
13	+.000	+.000	+68.862	+.000	-1,362.920	+.000
14	+.000	+.000	+70.266	+.000	-1,390.701	+.000
15	+.000	+.000	+72.536	+.000	-1,435.642	+.000
16	+.000	+.000	+73.816	+.000	-1,460.972	+.000
17	+.000	+.000	+76.623	+.000	-1,516.534	+.000
18	+.000	+.000	+80.711	+.000	-1,597.427	+.000
19	+.000	+.000	+84.013	+.000	-1,662.795	+.000
20	+.000	+.000	+88.389	+.000	-1,749.407	+.000
21	+.000	+.000	+92.105	+.000	-1,822.946	+.000
22	+.000	+.000	+94.045	+.000	-1,861.350	+.000
23	+.000	+.000	+95.655	+.000	-1,893.217	+.000
24	+.000	+.000	+97.307	+.000	-1,925.901	+.000
25	+.000	+.000	+99.412	+.000	-1,967.573	+.000
26	+.000	+.000	+100.610	+.000	-1,991.269	+.000
27	+.000	+.000	+99.701	+.000	-1,973.292	+.000
28	+.000	+.000	+97.307	+.000	-1,925.901	+.000
29	+.000	+.000	+95.903	+.000	-1,898.119	+.000
30	+.000	+.000	+94.665	+.000	-1,873.606	+.000
31	+.000	+.000	+94.954	+.000	-1,879.326	+.000
32	+.000	+.000	+96.068	+.000	-1,901.388	+.000
33	+.000	+.000	+97.389	+.000	-1,927.535	+.000
34	+.000	+.000	+100.899	+.000	-1,996.988	+.000
35	+.000	+.000	+104.779	+.000	-2,073.795	+.000
36	+.000	+.000	+109.362	+.000	-2,164.493	+.000
37	+.000	+.000	+110.146	+.000	-2,180.018	+.000
38	+.000	+.000	+108.082	+.000	-2,139.163	+.000
39	+.000	+.000	+104.944	+.000	-2,077.064	+.000
40	+.000	+.000	+102.055	+.000	-2,019.867	+.000
41	+.000	+.000	+99.536	+.000	-1,970.024	+.000
42	+.000	+.000	+94.871	+.000	-1,877.692	+.000



43	+.000	+.000	+91.321	+.000	-1,807.421	+.000
44	+.000	+.000	+86.243	+.000	-1,706.918	+.000
45	+.000	+.000	+82.238	+.000	-1,627.660	+.000
46	+.000	+.000	+79.224	+.000	-1,568.012	+.000
47	+.000	+.000	+77.036	+.000	-1,524.705	+.000
48	+.000	+.000	+75.715	+.000	-1,498.558	+.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	+163,225.976
02	+ .000	+162,070.923
03	+ .000	+175,175.981
04	+ .000	+188,193.641
05	+ .000	+211,199.977
06	+ .000	+205,496.064
07	+ .000	+219,158.532
08	+ .000	+213,456.915
09	+ .000	+225,837.806
10	+ .000	+229,131.297
11	+ .000	+244,947.587
12	+ .000	+247,769.308
13	+ .000	+217,305.434
14	+ .000	+200,791.009
15	+ .000	+192,501.876
16	+ .000	+186,016.920
17	+ .000	+179,581.729
18	+ .000	+199,815.173
19	+ .000	+184,005.593
20	+ .000	+189,764.008
21	+ .000	+185,162.990
22	+ .000	+209,192.986
23	+ .000	+220,261.081
24	+ .000	+224,846.997
25	+ .000	+232,543.883
26	+ .000	+230,646.187
27	+ .000	+218,387.534
28	+ .000	+202,101.517
29	+ .000	+189,415.482
30	+ .000	+182,093.828
31	+ .000	+172,328.849
32	+ .000	+158,518.293
33	+ .000	+168,966.637
34	+ .000	+179,415.918
35	+ .000	+169,725.391
36	+ .000	+180,810.956
37	+ .000	+186,461.318
38	+ .000	+169,877.752
39	+ .000	+160,984.331
40	+ .000	+146,306.982
41	+ .000	+161,971.924
42	+ .000	+161,939.669

43	+.000	+177,708.327
44	+.000	+165,940.791
45	+.000	+167,917.298
46	+.000	+148,531.618
47	+.000	+161,849.111
48	+.000	+154,818.036