

Date: 09/12/2019

Settlement Day:14/11/2019

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: 228

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+ .000	+ .000
Daily Cashflow SO RR	+ .000	+ .000
Daily Total SO Cashflow	+1,029,983.200	+381,464,084.860
Balancing Services Contract Cost	+619,318.988	+202,894,377.121
Balancing Services Cost Variable	+1,506,980.150	+97,328,399.325
ESO Incentive Recovery Costs	+ .000	+7,000,000.000
Black Start Capital Costs	+ .000	+ .000
Black Start Testing Costs	+ .000	+ .000
Black Start Availability Costs	+124,335.080	+26,659,321.916
Black Start Other Costs	+ .000	+ .000
System Operator Internal Costs	+824,071.040	+187,888,197.120
System Innovation Costs	+ .000	+ .000
Prior Year Cost Recovery	+ .000	+ .000
EMR Incentive Revenue	+4,128.420	+941,279.760
ESO Incentive Recovery t-1	+80,000.000	+2,960,000.000
ALoMCP Recovery	-81,709.830	-3,023,263.710
Wind Forecast Incentive	+ .000	+ .000
Provision Of Balancing Services to Others	+ .000	+ .000
Total Internal Costs	+824,071.040	+187,888,197.120
Total External Costs	+3,283,036.008	+716,224,199.272
Total Adjusted Energy Volume (MWh)	+1,575,727.450	

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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	+23,407.534	+79,008.545	+3.37535
02	+23,453.046	+79,255.768	+3.37934
03	+23,839.713	+85,896.164	+3.60307
04	+23,945.770	+76,014.354	+3.17444
05	+23,879.587	+65,366.397	+2.73733
06	+23,805.296	+63,135.191	+2.65215
07	+23,819.107	+66,806.403	+2.80474
08	+23,532.016	+70,777.435	+3.00771
09	+23,213.283	+80,317.407	+3.45998
10	+23,379.770	+87,987.592	+3.76341
11	+23,694.098	+98,057.001	+4.13846
12	+24,777.051	+98,463.319	+3.97397
13	+27,571.609	+139,899.945	+5.07406
14	+30,968.460	+115,262.024	+3.72192
15	+34,523.465	+101,136.488	+2.92950
16	+35,994.164	+93,773.102	+2.60523
17	+37,144.414	+62,465.657	+1.68170
18	+37,273.185	+54,132.068	+1.45231
19	+37,879.753	+68,653.705	+1.81241
20	+38,080.522	+77,720.593	+2.04095
21	+37,809.927	+80,651.029	+2.13306
22	+37,694.869	+78,678.767	+2.08725
23	+37,683.657	+86,814.527	+2.30377
24	+37,518.531	+88,638.181	+2.36252
25	+37,386.637	+102,198.770	+2.73356
26	+37,071.073	+90,264.281	+2.43490
27	+37,027.593	+90,024.397	+2.43128
28	+36,840.175	+88,203.880	+2.39423
29	+36,916.156	+99,221.297	+2.68775
30	+37,140.575	+98,119.937	+2.64185
31	+37,223.458	+98,572.924	+2.64814
32	+38,023.663	+104,944.847	+2.75999
33	+39,348.848	+160,901.998	+4.08912
34	+40,323.662	+166,939.817	+4.14000
35	+40,738.677	+92,819.615	+2.27842
36	+40,579.028	+90,453.670	+2.22907
37	+40,246.188	+115,234.950	+2.86325
38	+39,985.415	+112,664.257	+2.81763
39	+39,388.281	+110,007.352	+2.79290
40	+38,269.646	+83,684.290	+2.18670
41	+37,120.442	+61,947.126	+1.66881
42	+35,715.758	+49,445.208	+1.38441

43	+33,863.234	+35,881.308	+1.05959
44	+31,861.382	+41,083.906	+1.28946
45	+29,630.173	+42,525.142	+1.43520
46	+27,665.970	+35,626.133	+1.28772
47	+24,791.304	+63,218.440	+2.55002
48	+23,681.285	+74,227.540	+3.13444

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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	+0.01486	+0.00	+0.00	+58,539.84	+9,203.080	-2,863.630
02	+0.01488	+0.00	+0.00	+58,755.66	+9,215.467	-2,863.630
03	+0.01513	+0.00	+0.00	+64,873.14	+9,370.296	-2,733.250
04	+0.01520	+0.00	+0.00	+54,881.42	+9,413.649	-2,733.250
05	+0.01515	+0.00	+0.00	+44,203.85	+9,382.683	-2,625.130
06	+0.01511	+0.00	+0.00	+42,035.45	+9,357.910	-2,625.130
07	+0.01512	+0.00	+0.00	+44,673.33	+9,364.103	-1,607.500
08	+0.01493	+0.00	+0.00	+48,942.69	+9,246.432	-1,607.500
09	+0.01473	+0.00	+0.00	+56,733.19	+9,122.569	+456.000
10	+0.01484	+0.00	+0.00	+64,230.66	+9,190.694	+456.000
11	+0.01504	+0.00	+0.00	+73,986.04	+9,314.558	+456.000
12	+0.01572	+0.00	+0.00	+73,324.66	+9,735.694	+456.000
13	+0.01750	+0.00	+0.00	+55,641.52	+10,838.082	+56,780.910
14	+0.01965	+0.00	+0.00	+27,627.79	+12,169.618	+56,780.910
15	+0.02191	+0.00	+0.00	+13,328.52	+13,569.279	+53,406.120
16	+0.02284	+0.00	+0.00	+4,504.90	+14,145.246	+53,406.120
17	+0.02357	+0.00	+0.00	+10,617.00	+14,597.349	+14,840.370
18	+0.02365	+0.00	+0.00	+2,157.80	+14,646.894	+14,840.370
19	+0.02404	+0.00	+0.00	+9,729.83	+14,888.428	+21,177.620
20	+0.02417	+0.00	+0.00	+18,592.60	+14,968.940	+21,177.620
21	+0.02400	+0.00	+0.00	+9,525.30	+14,863.656	+33,442.280
22	+0.02392	+0.00	+0.00	+7,678.65	+14,814.110	+33,442.280
23	+0.02392	+0.00	+0.00	+9,001.93	+14,814.110	+40,254.760
24	+0.02381	+0.00	+0.00	+10,998.30	+14,745.985	+40,254.760
25	+0.02373	+0.00	+0.00	-111.18	+14,696.440	+65,050.440
26	+0.02353	+0.00	+0.00	-11,731.64	+14,572.576	+65,050.440
27	+0.02350	+0.00	+0.00	-15,880.74	+14,553.996	+69,006.760
28	+0.02338	+0.00	+0.00	-17,512.84	+14,479.678	+69,006.760
29	+0.02343	+0.00	+0.00	-10,961.45	+14,510.644	+73,394.280
30	+0.02357	+0.00	+0.00	-12,282.63	+14,597.349	+73,394.280
31	+0.02362	+0.00	+0.00	-15,812.38	+14,628.314	+77,298.510
32	+0.02413	+0.00	+0.00	-10,241.23	+14,944.167	+77,298.510
33	+0.02497	+0.00	+0.00	+10,954.74	+15,464.395	+110,740.770
34	+0.02559	+0.00	+0.00	+16,019.07	+15,848.373	+110,740.770
35	+0.02585	+0.00	+0.00	+24,868.03	+16,009.396	+27,363.370
36	+0.02575	+0.00	+0.00	+22,659.10	+15,947.464	+27,363.370
37	+0.02554	+0.00	+0.00	+11,456.51	+15,817.407	+63,676.970
38	+0.02538	+0.00	+0.00	+9,137.04	+15,718.316	+63,676.970
39	+0.02500	+0.00	+0.00	+42,172.39	+15,482.975	+28,581.370
40	+0.02429	+0.00	+0.00	+16,964.13	+15,043.258	+28,581.370
41	+0.02356	+0.00	+0.00	+19,714.67	+14,591.155	+5,239.870
42	+0.02267	+0.00	+0.00	+13,850.05	+14,039.961	+0.000

43	+0.02149	+.00	+.00	+2,138.92	+13,309.165	+.000
44	+0.02022	+.00	+.00	+9,335.60	+12,522.630	+.000
45	+0.01880	+.00	+.00	+13,006.44	+11,643.197	+.000
46	+0.01756	+.00	+.00	+8,054.41	+10,875.241	+.000
47	+0.01573	+.00	+.00	+13,746.96	+9,741.888	+24,773.120
48	+0.01503	+.00	+.00	+25,855.16	+9,308.364	+24,773.120

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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	+1,847.619	+0.000	+12,245.696
02	+0.000	+0.000	+0.000	+1,850.106	+0.000	+12,262.177
03	+0.000	+0.000	+0.000	+1,881.190	+0.000	+12,468.195
04	+0.000	+0.000	+0.000	+1,889.893	+0.000	+12,525.880
05	+0.000	+0.000	+0.000	+1,883.676	+0.000	+12,484.676
06	+0.000	+0.000	+0.000	+1,878.703	+0.000	+12,451.713
07	+0.000	+0.000	+0.000	+1,879.946	+0.000	+12,459.954
08	+0.000	+0.000	+0.000	+1,856.323	+0.000	+12,303.381
09	+0.000	+0.000	+0.000	+1,831.456	+0.000	+12,138.566
10	+0.000	+0.000	+0.000	+1,845.133	+0.000	+12,229.214
11	+0.000	+0.000	+0.000	+1,870.000	+0.000	+12,394.028
12	+0.000	+0.000	+0.000	+1,954.547	+0.000	+12,954.397
13	+0.000	+0.000	+0.000	+2,175.864	+0.000	+14,421.243
14	+0.000	+0.000	+0.000	+2,443.184	+0.000	+16,192.996
15	+0.000	+0.000	+0.000	+2,724.182	+0.000	+18,055.396
16	+0.000	+0.000	+0.000	+2,839.813	+0.000	+18,821.783
17	+0.000	+0.000	+0.000	+2,930.578	+0.000	+19,423.354
18	+0.000	+0.000	+0.000	+2,940.525	+0.000	+19,489.280
19	+0.000	+0.000	+0.000	+2,989.015	+0.000	+19,810.668
20	+0.000	+0.000	+0.000	+3,005.179	+0.000	+19,917.797
21	+0.000	+0.000	+0.000	+2,984.042	+0.000	+19,777.705
22	+0.000	+0.000	+0.000	+2,974.095	+0.000	+19,711.779
23	+0.000	+0.000	+0.000	+2,974.095	+0.000	+19,711.779
24	+0.000	+0.000	+0.000	+2,960.418	+0.000	+19,621.131
25	+0.000	+0.000	+0.000	+2,950.471	+0.000	+19,555.206
26	+0.000	+0.000	+0.000	+2,925.604	+0.000	+19,390.392
27	+0.000	+0.000	+0.000	+2,921.874	+0.000	+19,365.669
28	+0.000	+0.000	+0.000	+2,906.954	+0.000	+19,266.781
29	+0.000	+0.000	+0.000	+2,913.171	+0.000	+19,307.984
30	+0.000	+0.000	+0.000	+2,930.578	+0.000	+19,423.354
31	+0.000	+0.000	+0.000	+2,936.795	+0.000	+19,464.558
32	+0.000	+0.000	+0.000	+3,000.205	+0.000	+19,884.834
33	+0.000	+0.000	+0.000	+3,104.647	+0.000	+20,577.054
34	+0.000	+0.000	+0.000	+3,181.735	+0.000	+21,087.978
35	+0.000	+0.000	+0.000	+3,214.062	+0.000	+21,302.236
36	+0.000	+0.000	+0.000	+3,201.628	+0.000	+21,219.829
37	+0.000	+0.000	+0.000	+3,175.518	+0.000	+21,046.774
38	+0.000	+0.000	+0.000	+3,155.624	+0.000	+20,914.923
39	+0.000	+0.000	+0.000	+3,108.377	+0.000	+20,601.776
40	+0.000	+0.000	+0.000	+3,020.099	+0.000	+20,016.686
41	+0.000	+0.000	+0.000	+2,929.334	+0.000	+19,415.114
42	+0.000	+0.000	+0.000	+2,818.676	+0.000	+18,681.690

43	+.000	+.000	+.000	+2,671.961	+.000	+17,709.287
44	+.000	+.000	+.000	+2,514.055	+.000	+16,662.716
45	+.000	+.000	+.000	+2,337.500	+.000	+15,492.536
46	+.000	+.000	+.000	+2,183.324	+.000	+14,470.687
47	+.000	+.000	+.000	+1,955.791	+.000	+12,962.637
48	+.000	+.000	+.000	+1,868.756	+.000	+12,385.788

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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	+61.348	+1,188.800	-1,214.208	+.000
02	+.000	+.000	+61.431	+1,190.400	-1,215.842	+.000
03	+.000	+.000	+62.463	+1,210.400	-1,236.270	+.000
04	+.000	+.000	+62.752	+1,216.000	-1,241.989	+.000
05	+.000	+.000	+62.546	+1,212.000	-1,237.904	+.000
06	+.000	+.000	+62.380	+1,208.800	-1,234.636	+.000
07	+.000	+.000	+62.422	+1,209.600	-1,235.453	+.000
08	+.000	+.000	+61.637	+1,194.400	-1,219.928	+.000
09	+.000	+.000	+60.812	+1,178.400	-1,203.586	+.000
10	+.000	+.000	+61.266	+1,187.200	-1,212.574	+.000
11	+.000	+.000	+62.091	+1,203.200	-1,228.916	+.000
12	+.000	+.000	+64.899	+1,257.600	-1,284.479	+.000
13	+.000	+.000	+72.247	+1,400.000	-1,429.922	+.000
14	+.000	+.000	+81.123	+1,572.000	-1,605.598	+.000
15	+.000	+.000	+90.454	+1,752.800	-1,790.262	+.000
16	+.000	+.000	+94.293	+1,827.200	-1,866.253	+.000
17	+.000	+.000	+97.307	+1,885.600	-1,925.901	+.000
18	+.000	+.000	+97.637	+1,892.000	-1,932.437	+.000
19	+.000	+.000	+99.247	+1,923.200	-1,964.304	+.000
20	+.000	+.000	+99.784	+1,933.600	-1,974.927	+.000
21	+.000	+.000	+99.082	+1,920.000	-1,961.036	+.000
22	+.000	+.000	+98.752	+1,913.600	-1,954.499	+.000
23	+.000	+.000	+98.752	+1,913.600	-1,954.499	+.000
24	+.000	+.000	+98.298	+1,904.800	-1,945.511	+.000
25	+.000	+.000	+97.967	+1,898.400	-1,938.974	+.000
26	+.000	+.000	+97.142	+1,882.400	-1,922.632	+.000
27	+.000	+.000	+97.018	+1,880.000	-1,920.181	+.000
28	+.000	+.000	+96.522	+1,870.400	-1,910.376	+.000
29	+.000	+.000	+96.729	+1,874.400	-1,914.461	+.000
30	+.000	+.000	+97.307	+1,885.600	-1,925.901	+.000
31	+.000	+.000	+97.513	+1,889.600	-1,929.986	+.000
32	+.000	+.000	+99.619	+1,930.400	-1,971.658	+.000
33	+.000	+.000	+103.087	+1,997.600	-2,040.294	+.000
34	+.000	+.000	+105.646	+2,047.200	-2,090.955	+.000
35	+.000	+.000	+106.720	+2,068.000	-2,112.199	+.000
36	+.000	+.000	+106.307	+2,060.000	-2,104.028	+.000
37	+.000	+.000	+105.440	+2,043.200	-2,086.869	+.000
38	+.000	+.000	+104.779	+2,030.400	-2,073.795	+.000
39	+.000	+.000	+103.211	+2,000.000	-2,042.746	+.000
40	+.000	+.000	+100.279	+1,943.200	-1,984.732	+.000
41	+.000	+.000	+97.266	+1,884.800	-1,925.084	+.000
42	+.000	+.000	+93.591	+1,813.600	-1,852.362	+.000

43	+.000	+.000	+88.720	+1,719.200	-1,755.944	+.000
44	+.000	+.000	+83.477	+1,617.600	-1,652.173	+.000
45	+.000	+.000	+77.614	+1,504.000	-1,536.145	+.000
46	+.000	+.000	+72.495	+1,404.800	-1,434.825	+.000
47	+.000	+.000	+64.940	+1,258.400	-1,285.296	+.000
48	+.000	+.000	+62.050	+1,202.400	-1,228.099	+.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	+79,008.545
02	+ .000	+79,255.768
03	+ .000	+85,896.164
04	+ .000	+76,014.354
05	+ .000	+65,366.397
06	+ .000	+63,135.191
07	+ .000	+66,806.403
08	+ .000	+70,777.435
09	+ .000	+80,317.407
10	+ .000	+87,987.592
11	+ .000	+98,057.001
12	+ .000	+98,463.319
13	+ .000	+139,899.945
14	+ .000	+115,262.024
15	+ .000	+101,136.488
16	+ .000	+93,773.102
17	+ .000	+62,465.657
18	+ .000	+54,132.068
19	+ .000	+68,653.705
20	+ .000	+77,720.593
21	+ .000	+80,651.029
22	+ .000	+78,678.767
23	+ .000	+86,814.527
24	+ .000	+88,638.181
25	+ .000	+102,198.770
26	+ .000	+90,264.281
27	+ .000	+90,024.397
28	+ .000	+88,203.880
29	+ .000	+99,221.297
30	+ .000	+98,119.937
31	+ .000	+98,572.924
32	+ .000	+104,944.847
33	+ .000	+160,901.998
34	+ .000	+166,939.817
35	+ .000	+92,819.615
36	+ .000	+90,453.670
37	+ .000	+115,234.950
38	+ .000	+112,664.257
39	+ .000	+110,007.352
40	+ .000	+83,684.290
41	+ .000	+61,947.126
42	+ .000	+49,445.208

43	+.000	+35,881.308
44	+.000	+41,083.906
45	+.000	+42,525.142
46	+.000	+35,626.133
47	+.000	+63,218.440
48	+.000	+74,227.540