

Date: 29/07/2019

Settlement Day:21/07/2019

SAA Run Number:01

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 112

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+3,219,200.900	+136,992,300.390
Balancing Services Contract Cost	+1,095,596.129	+88,176,761.661
Balancing Services Cost Variable	+492,860.080	+29,777,488.485
ESO Incentive Recovery Costs	+40,983.610	+4,590,164.320
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+13,808,219.152
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+92,295,956.480
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+462,383.040
Placeholder Column2 30 Charact	+0.000	+0.000
Placeholder Column3 30 Charact	+0.000	+0.000
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+92,295,956.480
Total External Costs	+4,976,056.810	+273,807,317.048
Total Adjusted Energy Volume (MWh)	+920,047.061	

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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	+18,427.984	+86,096.469	+4.67205
02	+17,712.669	+81,882.747	+4.62284
03	+17,284.660	+93,212.186	+5.39277
04	+16,935.477	+95,534.621	+5.64109
05	+16,677.761	+94,875.842	+5.68876
06	+16,316.407	+91,610.166	+5.61460
07	+16,045.178	+87,808.776	+5.47260
08	+15,929.135	+88,184.398	+5.53604
09	+16,021.988	+91,505.564	+5.71125
10	+15,931.686	+95,738.868	+6.00934
11	+15,901.703	+98,069.176	+6.16721
12	+15,844.423	+96,858.842	+6.11312
13	+16,227.874	+102,340.160	+6.30644
14	+16,687.270	+100,281.803	+6.00948
15	+17,489.713	+88,876.621	+5.08165
16	+17,899.662	+95,536.081	+5.33731
17	+18,249.596	+78,010.977	+4.27467
18	+18,736.259	+100,015.421	+5.33807
19	+18,981.438	+101,584.570	+5.35178
20	+19,335.670	+103,332.176	+5.34412
21	+19,747.614	+110,292.645	+5.58511
22	+19,861.465	+109,490.324	+5.51270
23	+20,098.810	+125,120.311	+6.22526
24	+20,060.340	+117,703.458	+5.86747
25	+20,032.886	+104,718.276	+5.22732
26	+19,732.588	+87,518.014	+4.43520
27	+19,613.847	+79,091.906	+4.03245
28	+19,102.559	+72,191.588	+3.77916
29	+19,135.656	+89,707.181	+4.68796
30	+19,174.500	+109,721.684	+5.72227
31	+19,121.705	+117,976.810	+6.16979
32	+19,471.462	+113,852.895	+5.84717
33	+19,919.672	+113,625.978	+5.70421
34	+20,582.708	+116,864.966	+5.67782
35	+21,028.183	+120,487.219	+5.72980
36	+21,597.359	+123,171.019	+5.70306
37	+21,906.089	+140,242.992	+6.40201
38	+22,246.180	+150,410.787	+6.76120
39	+22,275.504	+168,216.229	+7.55162
40	+22,307.940	+181,134.282	+8.11972
41	+22,517.256	+195,105.796	+8.66472
42	+22,300.042	+186,625.431	+8.36884

43	+22,487.993	+205,737.784	+9.14878
44	+22,315.001	+195,838.232	+8.77608
45	+21,792.336	+187,318.304	+8.59560
46	+20,553.268	+162,050.144	+7.88440
47	+19,931.765	+233,612.958	+11.72064
48	+18,495.780	+210,924.294	+11.40391

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	System Operator Balancing Mechanism Costs(£)	Balancing Services Contract Cost(£)	Balancing Services Cost Variable(£)	ESO Incentive Recovery Costs	Black Start Capital Costs
01	+0.02003	-935.76	+21,944.790	+45,208.250	+820.902	+0.000
02	+0.01925	-3,520.79	+21,090.225	+45,208.250	+788.934	+0.000
03	+0.01879	+12,785.16	+20,586.251	+41,192.250	+770.082	+0.000
04	+0.01841	+15,901.06	+20,169.925	+41,192.250	+754.508	+0.000
05	+0.01813	+18,845.69	+19,863.158	+38,173.500	+743.033	+0.000
06	+0.01773	+16,415.24	+19,424.919	+38,173.500	+726.639	+0.000
07	+0.01744	+13,029.64	+19,107.196	+38,363.250	+714.754	+0.000
08	+0.01731	+13,676.71	+18,964.769	+38,363.250	+709.426	+0.000
09	+0.01741	+16,803.57	+19,074.329	+38,348.750	+713.525	+0.000
10	+0.01732	+21,224.80	+18,975.725	+38,348.750	+709.836	+0.000
11	+0.01728	+23,467.38	+18,931.901	+38,520.000	+708.197	+0.000
12	+0.01722	+22,382.33	+18,866.165	+38,520.000	+705.738	+0.000
13	+0.01764	+27,573.91	+19,326.316	+37,932.750	+722.951	+0.000
14	+0.01814	+24,471.52	+19,874.114	+37,932.750	+743.443	+0.000
15	+0.01901	+18,977.47	+20,827.282	+30,205.000	+779.098	+0.000
16	+0.01946	+24,697.30	+21,320.301	+30,205.000	+797.541	+0.000
17	+0.01984	+49,115.13	+21,736.627	-12,531.400	+813.115	+0.000
18	+0.02036	+70,033.78	+22,306.337	-12,531.400	+834.426	+0.000
19	+0.02063	+68,860.00	+22,602.148	-10,352.250	+845.492	+0.000
20	+0.02102	+69,793.26	+23,029.431	-10,352.250	+861.475	+0.000
21	+0.02146	+75,865.98	+23,511.493	-10,383.250	+879.508	+0.000
22	+0.02159	+69,739.67	+23,653.920	-5,330.710	+884.836	+0.000
23	+0.02185	+82,633.01	+23,938.775	-3,136.960	+895.492	+0.000
24	+0.02180	+75,320.56	+23,883.996	-3,136.960	+893.443	+0.000
25	+0.02177	+59,950.02	+23,851.128	-688.960	+892.213	+0.000
26	+0.02145	+43,417.94	+23,500.537	-688.960	+879.098	+0.000
27	+0.02132	+35,346.43	+23,358.109	-772.110	+873.771	+0.000
28	+0.02076	+34,667.97	+22,744.576	-5,824.650	+850.820	+0.000
29	+0.02080	+52,835.64	+22,788.399	-6,560.250	+852.459	+0.000
30	+0.02084	+72,766.62	+22,832.223	-6,560.250	+854.098	+0.000
31	+0.02078	+80,647.28	+22,766.488	-6,060.500	+851.639	+0.000
32	+0.02116	+75,729.90	+23,182.814	-6,060.500	+867.213	+0.000
33	+0.02165	+75,955.71	+23,719.656	-7,536.380	+887.295	+0.000
34	+0.02237	+77,691.29	+24,508.485	-7,536.380	+916.803	+0.000
35	+0.02286	+82,413.26	+25,045.328	-9,659.250	+936.885	+0.000
36	+0.02347	+83,823.34	+25,713.641	-9,659.250	+961.885	+0.000
37	+0.02381	+100,796.12	+26,086.144	-10,270.000	+975.820	+0.000
38	+0.02418	+110,191.33	+26,491.514	-10,270.000	+990.984	+0.000
39	+0.02421	+125,380.63	+26,524.382	-7,716.500	+992.213	+0.000
40	+0.02425	+133,162.62	+26,568.206	-2,663.960	+993.853	+0.000
41	+0.02447	+148,559.76	+26,809.237	-4,548.960	+1,002.869	+0.000
42	+0.02424	+140,559.65	+26,557.250	-4,548.960	+993.443	+0.000

43	+0.02444	+155,993.89	+26,776.369	-1,288.460	+1,001.639	+.000
44	+0.02425	+146,491.07	+26,568.206	-1,288.460	+993.853	+.000
45	+0.02369	+138,253.00	+25,954.672	-401.000	+970.902	+.000
46	+0.02234	+115,803.73	+24,475.618	-401.000	+915.574	+.000
47	+0.02166	+160,519.18	+23,730.612	+27,866.250	+887.705	+.000
48	+0.02010	+141,087.90	+22,021.482	+27,866.250	+823.771	+.000

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

Settlement Period	Black Start Testing Costs	Black Start Availability Costs	Black Start Other Costs	System Operator Internal Costs(£)	System Innovation Costs(£)	Prior Year Cost Recovery
01	+0.000	+2,469.452	+0.000	+16,506.143	+0.000	+0.000
02	+0.000	+2,373.288	+0.000	+15,863.368	+0.000	+0.000
03	+0.000	+2,316.575	+0.000	+15,484.295	+0.000	+0.000
04	+0.000	+2,269.726	+0.000	+15,171.148	+0.000	+0.000
05	+0.000	+2,235.205	+0.000	+14,940.408	+0.000	+0.000
06	+0.000	+2,185.890	+0.000	+14,610.780	+0.000	+0.000
07	+0.000	+2,150.137	+0.000	+14,371.799	+0.000	+0.000
08	+0.000	+2,134.110	+0.000	+14,264.670	+0.000	+0.000
09	+0.000	+2,146.438	+0.000	+14,347.077	+0.000	+0.000
10	+0.000	+2,135.342	+0.000	+14,272.910	+0.000	+0.000
11	+0.000	+2,130.411	+0.000	+14,239.948	+0.000	+0.000
12	+0.000	+2,123.014	+0.000	+14,190.503	+0.000	+0.000
13	+0.000	+2,174.795	+0.000	+14,536.613	+0.000	+0.000
14	+0.000	+2,236.438	+0.000	+14,948.649	+0.000	+0.000
15	+0.000	+2,343.699	+0.000	+15,665.590	+0.000	+0.000
16	+0.000	+2,399.178	+0.000	+16,036.422	+0.000	+0.000
17	+0.000	+2,446.027	+0.000	+16,349.569	+0.000	+0.000
18	+0.000	+2,510.137	+0.000	+16,778.086	+0.000	+0.000
19	+0.000	+2,543.425	+0.000	+17,000.586	+0.000	+0.000
20	+0.000	+2,591.507	+0.000	+17,321.973	+0.000	+0.000
21	+0.000	+2,645.753	+0.000	+17,684.565	+0.000	+0.000
22	+0.000	+2,661.781	+0.000	+17,791.694	+0.000	+0.000
23	+0.000	+2,693.836	+0.000	+18,005.952	+0.000	+0.000
24	+0.000	+2,687.671	+0.000	+17,964.749	+0.000	+0.000
25	+0.000	+2,683.973	+0.000	+17,940.027	+0.000	+0.000
26	+0.000	+2,644.521	+0.000	+17,676.324	+0.000	+0.000
27	+0.000	+2,628.493	+0.000	+17,569.195	+0.000	+0.000
28	+0.000	+2,559.452	+0.000	+17,107.715	+0.000	+0.000
29	+0.000	+2,564.384	+0.000	+17,140.678	+0.000	+0.000
30	+0.000	+2,569.315	+0.000	+17,173.640	+0.000	+0.000
31	+0.000	+2,561.918	+0.000	+17,124.196	+0.000	+0.000
32	+0.000	+2,608.767	+0.000	+17,437.343	+0.000	+0.000
33	+0.000	+2,669.178	+0.000	+17,841.138	+0.000	+0.000
34	+0.000	+2,757.945	+0.000	+18,434.469	+0.000	+0.000
35	+0.000	+2,818.356	+0.000	+18,838.264	+0.000	+0.000
36	+0.000	+2,893.562	+0.000	+19,340.947	+0.000	+0.000
37	+0.000	+2,935.479	+0.000	+19,621.131	+0.000	+0.000
38	+0.000	+2,981.096	+0.000	+19,926.038	+0.000	+0.000
39	+0.000	+2,984.795	+0.000	+19,950.760	+0.000	+0.000
40	+0.000	+2,989.726	+0.000	+19,983.723	+0.000	+0.000
41	+0.000	+3,016.849	+0.000	+20,165.018	+0.000	+0.000
42	+0.000	+2,988.493	+0.000	+19,975.482	+0.000	+0.000

43	+.000	+3,013.151	+.000	+20,140.296	+.000	+.000
44	+.000	+2,989.726	+.000	+19,983.723	+.000	+.000
45	+.000	+2,920.685	+.000	+19,522.243	+.000	+.000
46	+.000	+2,754.247	+.000	+18,409.747	+.000	+.000
47	+.000	+2,670.411	+.000	+17,849.379	+.000	+.000
48	+.000	+2,478.082	+.000	+16,563.828	+.000	+.000

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

Settlement Period	EMR Incentive Revenue	Placeholder Column2 30 Charact	Placeholder Column3 30 Charact	Wind forecast Incentive(£)	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+82.692	+ .000	+ .000	+ .000	+ .000	+86,096.469
02	+79.472	+ .000	+ .000	+ .000	+ .000	+81,882.747
03	+77.573	+ .000	+ .000	+ .000	+ .000	+93,212.186
04	+76.004	+ .000	+ .000	+ .000	+ .000	+95,534.621
05	+74.848	+ .000	+ .000	+ .000	+ .000	+94,875.842
06	+73.197	+ .000	+ .000	+ .000	+ .000	+91,610.166
07	+72.000	+ .000	+ .000	+ .000	+ .000	+87,808.776
08	+71.463	+ .000	+ .000	+ .000	+ .000	+88,184.398
09	+71.876	+ .000	+ .000	+ .000	+ .000	+91,505.564
10	+71.504	+ .000	+ .000	+ .000	+ .000	+95,738.868
11	+71.339	+ .000	+ .000	+ .000	+ .000	+98,069.176
12	+71.091	+ .000	+ .000	+ .000	+ .000	+96,858.842
13	+72.825	+ .000	+ .000	+ .000	+ .000	+102,340.160
14	+74.890	+ .000	+ .000	+ .000	+ .000	+100,281.803
15	+78.481	+ .000	+ .000	+ .000	+ .000	+88,876.621
16	+80.339	+ .000	+ .000	+ .000	+ .000	+95,536.081
17	+81.908	+ .000	+ .000	+ .000	+ .000	+78,010.977
18	+84.055	+ .000	+ .000	+ .000	+ .000	+100,015.421
19	+85.169	+ .000	+ .000	+ .000	+ .000	+101,584.570
20	+86.779	+ .000	+ .000	+ .000	+ .000	+103,332.176
21	+88.596	+ .000	+ .000	+ .000	+ .000	+110,292.645
22	+89.133	+ .000	+ .000	+ .000	+ .000	+109,490.324
23	+90.206	+ .000	+ .000	+ .000	+ .000	+125,120.311
24	+90.000	+ .000	+ .000	+ .000	+ .000	+117,703.458
25	+89.876	+ .000	+ .000	+ .000	+ .000	+104,718.276
26	+88.555	+ .000	+ .000	+ .000	+ .000	+87,518.014
27	+88.018	+ .000	+ .000	+ .000	+ .000	+79,091.906
28	+85.706	+ .000	+ .000	+ .000	+ .000	+72,191.588
29	+85.871	+ .000	+ .000	+ .000	+ .000	+89,707.181
30	+86.036	+ .000	+ .000	+ .000	+ .000	+109,721.684
31	+85.789	+ .000	+ .000	+ .000	+ .000	+117,976.810
32	+87.357	+ .000	+ .000	+ .000	+ .000	+113,852.895
33	+89.380	+ .000	+ .000	+ .000	+ .000	+113,625.978
34	+92.353	+ .000	+ .000	+ .000	+ .000	+116,864.966
35	+94.376	+ .000	+ .000	+ .000	+ .000	+120,487.219
36	+96.894	+ .000	+ .000	+ .000	+ .000	+123,171.019
37	+98.298	+ .000	+ .000	+ .000	+ .000	+140,242.992
38	+99.825	+ .000	+ .000	+ .000	+ .000	+150,410.787
39	+99.949	+ .000	+ .000	+ .000	+ .000	+168,216.229
40	+100.114	+ .000	+ .000	+ .000	+ .000	+181,134.282
41	+101.022	+ .000	+ .000	+ .000	+ .000	+195,105.796
42	+100.073	+ .000	+ .000	+ .000	+ .000	+186,625.431



43	+100.899	+.000	+.000	+.000	+.000	+205,737.784
44	+100.114	+.000	+.000	+.000	+.000	+195,838.232
45	+97.802	+.000	+.000	+.000	+.000	+187,318.304
46	+92.229	+.000	+.000	+.000	+.000	+162,050.144
47	+89.422	+.000	+.000	+.000	+.000	+233,612.958
48	+82.981	+.000	+.000	+.000	+.000	+210,924.294