

Date: 13/11/2019

Settlement Day:05/11/2019

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: 219

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+2,221,754.170	+367,837,335.330
Balancing Services Contract Cost	+755,748.268	+161,220,558.536
Balancing Services Cost Variable	+606,070.430	+92,475,751.435
ESO Incentive Recovery Costs	+0.000	+7,581,967.850
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+26,997,986.252
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+180,471,557.760
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+904,123.980
ESO Incentive Recovery t-1	+80,000.000	+1,040,000.000
ALoMCP Recovery	-81,709.830	-1,062,227.790
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+180,471,557.760
Total External Costs	+3,709,279.129	+656,995,495.593
Total Adjusted Energy Volume (MWh)	+1,468,686.924	

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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	+21,367.713	+201,312.377	+9.42133
02	+21,382.892	+205,512.342	+9.61106
03	+21,460.518	+198,454.119	+9.24741
04	+21,401.427	+179,600.218	+8.39197
05	+21,420.341	+178,251.183	+8.32158
06	+21,087.008	+161,814.207	+7.67364
07	+20,954.638	+174,554.700	+8.33012
08	+20,659.444	+156,537.735	+7.57705
09	+20,922.878	+154,258.799	+7.37273
10	+20,509.185	+152,775.087	+7.44911
11	+20,786.351	+134,604.037	+6.47560
12	+22,369.665	+101,964.314	+4.55815
13	+26,529.546	+98,754.542	+3.72244
14	+29,511.864	+75,826.419	+2.56935
15	+32,304.995	+73,502.723	+2.27527
16	+33,475.428	+85,567.278	+2.55612
17	+34,123.375	+78,282.999	+2.29412
18	+34,235.397	+87,795.081	+2.56445
19	+34,273.074	+75,623.277	+2.20649
20	+34,256.837	+67,520.546	+1.97101
21	+34,345.262	+70,637.593	+2.05669
22	+34,163.007	+66,661.965	+1.95129
23	+34,293.913	+61,423.912	+1.79110
24	+34,239.567	+57,734.441	+1.68619
25	+34,418.503	+63,975.964	+1.85877
26	+34,458.938	+58,416.670	+1.69525
27	+34,405.763	+54,050.644	+1.57098
28	+34,466.036	+50,770.385	+1.47306
29	+34,741.539	+56,655.000	+1.63076
30	+34,836.328	+61,771.737	+1.77320
31	+35,327.624	+65,660.780	+1.85862
32	+36,325.602	+75,477.847	+2.07781
33	+36,848.882	+89,018.487	+2.41577
34	+38,260.309	+101,783.341	+2.66029
35	+38,950.960	+78,950.438	+2.02692
36	+38,932.966	+77,559.363	+1.99213
37	+38,714.824	+76,876.454	+1.98571
38	+37,899.574	+77,105.885	+2.03448
39	+37,175.216	+75,852.352	+2.04040
40	+36,118.660	+72,650.354	+2.01144
41	+35,208.836	+76,444.888	+2.17118
42	+33,935.128	+62,954.526	+1.85514

43	+32,287.005	+66,318.402	+2.05403
44	+30,400.330	+63,991.249	+2.10495
45	+28,654.546	+61,518.234	+2.14689
46	+26,729.110	+51,695.365	+1.93405
47	+25,227.851	+57,571.749	+2.28207
48	+24,288.069	+57,276.053	+2.35820

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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	+0.01455	+151,941.26	+10,996.137	+24,555.720	+0.000	+0.000
02	+0.01456	+156,124.17	+11,003.695	+24,555.720	+0.000	+0.000
03	+0.01461	+149,044.92	+11,041.482	+24,491.470	+0.000	+0.000
04	+0.01457	+130,259.24	+11,011.252	+24,491.470	+0.000	+0.000
05	+0.01458	+128,703.90	+11,018.810	+24,680.720	+0.000	+0.000
06	+0.01436	+112,642.14	+10,852.545	+24,680.720	+0.000	+0.000
07	+0.01427	+125,311.03	+10,784.528	+24,905.820	+0.000	+0.000
08	+0.01407	+107,635.17	+10,633.378	+24,905.820	+0.000	+0.000
09	+0.01425	+104,157.34	+10,769.413	+25,797.720	+0.000	+0.000
10	+0.01396	+103,168.23	+10,550.246	+25,797.720	+0.000	+0.000
11	+0.01415	+86,062.13	+10,693.838	+24,408.720	+0.000	+0.000
12	+0.01523	+51,580.44	+11,510.046	+24,408.720	+0.000	+0.000
13	+0.01806	+34,176.05	+13,648.814	+33,776.700	+0.000	+0.000
14	+0.02009	+7,785.71	+15,182.983	+33,776.700	+0.000	+0.000
15	+0.02200	+9,508.21	+16,626.462	+26,472.950	+0.000	+0.000
16	+0.02279	+20,225.40	+17,223.503	+26,472.950	+0.000	+0.000
17	+0.02323	+29,027.74	+17,556.032	+9,635.900	+0.000	+0.000
18	+0.02331	+38,403.38	+17,616.492	+9,635.900	+0.000	+0.000
19	+0.02334	+29,639.61	+17,639.165	+6,176.700	+0.000	+0.000
20	+0.02332	+21,570.99	+17,624.050	+6,176.700	+0.000	+0.000
21	+0.02339	+24,568.65	+17,676.952	+6,176.700	+0.000	+0.000
22	+0.02326	+20,814.74	+17,578.705	+6,176.700	+0.000	+0.000
23	+0.02335	+15,423.19	+17,646.722	+6,176.700	+0.000	+0.000
24	+0.02331	+11,801.94	+17,616.492	+6,176.700	+0.000	+0.000
25	+0.02343	+18,700.73	+17,707.182	+5,314.770	+0.000	+0.000
26	+0.02346	+13,090.27	+17,729.854	+5,314.770	+0.000	+0.000
27	+0.02343	+14,090.18	+17,707.182	+0.000	+0.000	+0.000
28	+0.02347	+10,741.70	+17,737.412	+0.000	+0.000	+0.000
29	+0.02365	+16,319.32	+17,873.447	+0.000	+0.000	+0.000
30	+0.02372	+21,316.67	+17,926.349	+0.000	+0.000	+0.000
31	+0.02405	+12,400.98	+18,175.746	+12,241.910	+0.000	+0.000
32	+0.02473	+21,058.29	+18,689.655	+12,241.910	+0.000	+0.000
33	+0.02509	+17,419.58	+18,961.724	+28,807.270	+0.000	+0.000
34	+0.02605	+28,547.13	+19,687.242	+28,807.270	+0.000	+0.000
35	+0.02652	+28,405.13	+20,042.444	+5,314.770	+0.000	+0.000
36	+0.02651	+27,031.11	+20,034.887	+5,314.770	+0.000	+0.000
37	+0.02636	+26,604.03	+19,921.524	+5,314.770	+0.000	+0.000
38	+0.02581	+27,771.50	+19,505.863	+5,314.770	+0.000	+0.000
39	+0.02531	+27,370.73	+19,127.989	+5,314.770	+0.000	+0.000
40	+0.02459	+25,396.71	+18,583.850	+5,314.770	+0.000	+0.000
41	+0.02397	+30,248.67	+18,115.286	+5,314.770	+0.000	+0.000
42	+0.02311	+23,539.83	+17,465.342	+0.000	+0.000	+0.000

43	+0.02198	+28,830.95	+16,611.347	+ .000	+ .000	+ .000
44	+0.02070	+28,686.87	+15,643.989	+ .000	+ .000	+ .000
45	+0.01951	+28,243.43	+14,744.649	+ .000	+ .000	+ .000
46	+0.01820	+20,112.30	+13,754.618	+542.500	+ .000	+ .000
47	+0.01718	+27,728.32	+12,983.755	+542.500	+ .000	+ .000
48	+0.01654	+28,524.16	+12,500.076	+542.500	+ .000	+ .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	+1,793.836	+0.000	+11,990.234	+0.000	+0.000
02	+0.000	+1,795.068	+0.000	+11,998.474	+0.000	+0.000
03	+0.000	+1,801.233	+0.000	+12,039.678	+0.000	+0.000
04	+0.000	+1,796.301	+0.000	+12,006.715	+0.000	+0.000
05	+0.000	+1,797.534	+0.000	+12,014.956	+0.000	+0.000
06	+0.000	+1,770.411	+0.000	+11,833.660	+0.000	+0.000
07	+0.000	+1,759.315	+0.000	+11,759.494	+0.000	+0.000
08	+0.000	+1,734.658	+0.000	+11,594.680	+0.000	+0.000
09	+0.000	+1,756.849	+0.000	+11,743.012	+0.000	+0.000
10	+0.000	+1,721.096	+0.000	+11,504.032	+0.000	+0.000
11	+0.000	+1,744.521	+0.000	+11,660.605	+0.000	+0.000
12	+0.000	+1,877.671	+0.000	+12,550.602	+0.000	+0.000
13	+0.000	+2,226.575	+0.000	+14,882.723	+0.000	+0.000
14	+0.000	+2,476.849	+0.000	+16,555.587	+0.000	+0.000
15	+0.000	+2,712.329	+0.000	+18,129.563	+0.000	+0.000
16	+0.000	+2,809.726	+0.000	+18,780.579	+0.000	+0.000
17	+0.000	+2,863.973	+0.000	+19,143.170	+0.000	+0.000
18	+0.000	+2,873.836	+0.000	+19,209.096	+0.000	+0.000
19	+0.000	+2,877.534	+0.000	+19,233.818	+0.000	+0.000
20	+0.000	+2,875.068	+0.000	+19,217.337	+0.000	+0.000
21	+0.000	+2,883.699	+0.000	+19,275.022	+0.000	+0.000
22	+0.000	+2,867.671	+0.000	+19,167.892	+0.000	+0.000
23	+0.000	+2,878.767	+0.000	+19,242.059	+0.000	+0.000
24	+0.000	+2,873.836	+0.000	+19,209.096	+0.000	+0.000
25	+0.000	+2,888.630	+0.000	+19,307.984	+0.000	+0.000
26	+0.000	+2,892.329	+0.000	+19,332.707	+0.000	+0.000
27	+0.000	+2,888.630	+0.000	+19,307.984	+0.000	+0.000
28	+0.000	+2,893.562	+0.000	+19,340.947	+0.000	+0.000
29	+0.000	+2,915.753	+0.000	+19,489.280	+0.000	+0.000
30	+0.000	+2,924.384	+0.000	+19,546.965	+0.000	+0.000
31	+0.000	+2,965.068	+0.000	+19,818.909	+0.000	+0.000
32	+0.000	+3,048.904	+0.000	+20,379.277	+0.000	+0.000
33	+0.000	+3,093.288	+0.000	+20,675.942	+0.000	+0.000
34	+0.000	+3,211.644	+0.000	+21,467.051	+0.000	+0.000
35	+0.000	+3,269.589	+0.000	+21,854.364	+0.000	+0.000
36	+0.000	+3,268.356	+0.000	+21,846.123	+0.000	+0.000
37	+0.000	+3,249.863	+0.000	+21,722.513	+0.000	+0.000
38	+0.000	+3,182.055	+0.000	+21,269.274	+0.000	+0.000
39	+0.000	+3,120.411	+0.000	+20,857.238	+0.000	+0.000
40	+0.000	+3,031.644	+0.000	+20,263.907	+0.000	+0.000
41	+0.000	+2,955.205	+0.000	+19,752.983	+0.000	+0.000
42	+0.000	+2,849.178	+0.000	+19,044.282	+0.000	+0.000

43	+.000	+2,709.863	+.000	+18,113.081	+.000	+.000
44	+.000	+2,552.055	+.000	+17,058.271	+.000	+.000
45	+.000	+2,405.342	+.000	+16,077.626	+.000	+.000
46	+.000	+2,243.836	+.000	+14,998.093	+.000	+.000
47	+.000	+2,118.082	+.000	+14,157.540	+.000	+.000
48	+.000	+2,039.178	+.000	+13,630.135	+.000	+.000

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

Settlement Period	EMR Incentive Revenue	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(£)	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+60.069	+1,164.000	-1,188.878	+0.000	+0.000	+201,312.377
02	+60.110	+1,164.800	-1,189.695	+0.000	+0.000	+205,512.342
03	+60.316	+1,168.800	-1,193.781	+0.000	+0.000	+198,454.119
04	+60.151	+1,165.600	-1,190.512	+0.000	+0.000	+179,600.218
05	+60.192	+1,166.400	-1,191.329	+0.000	+0.000	+178,251.183
06	+59.284	+1,148.800	-1,173.353	+0.000	+0.000	+161,814.207
07	+58.913	+1,141.600	-1,165.999	+0.000	+0.000	+174,554.700
08	+58.087	+1,125.600	-1,149.657	+0.000	+0.000	+156,537.735
09	+58.830	+1,140.000	-1,164.365	+0.000	+0.000	+154,258.799
10	+57.633	+1,116.800	-1,140.669	+0.000	+0.000	+152,775.087
11	+58.417	+1,132.000	-1,156.194	+0.000	+0.000	+134,604.037
12	+62.876	+1,218.400	-1,244.441	+0.000	+0.000	+101,964.314
13	+74.559	+1,444.800	-1,475.680	+0.000	+0.000	+98,754.542
14	+82.940	+1,607.200	-1,641.550	+0.000	+0.000	+75,826.419
15	+90.825	+1,760.000	-1,797.616	+0.000	+0.000	+73,502.723
16	+94.087	+1,823.200	-1,862.167	+0.000	+0.000	+85,567.278
17	+95.903	+1,858.400	-1,898.119	+0.000	+0.000	+78,282.999
18	+96.233	+1,864.800	-1,904.656	+0.000	+0.000	+87,795.081
19	+96.357	+1,867.200	-1,907.107	+0.000	+0.000	+75,623.277
20	+96.275	+1,865.600	-1,905.473	+0.000	+0.000	+67,520.546
21	+96.564	+1,871.200	-1,911.193	+0.000	+0.000	+70,637.593
22	+96.027	+1,860.800	-1,900.571	+0.000	+0.000	+66,661.965
23	+96.399	+1,868.000	-1,907.925	+0.000	+0.000	+61,423.912
24	+96.233	+1,864.800	-1,904.656	+0.000	+0.000	+57,734.441
25	+96.729	+1,874.400	-1,914.461	+0.000	+0.000	+63,975.964
26	+96.853	+1,876.800	-1,916.913	+0.000	+0.000	+58,416.670
27	+96.729	+1,874.400	-1,914.461	+0.000	+0.000	+54,050.644
28	+96.894	+1,877.600	-1,917.730	+0.000	+0.000	+50,770.385
29	+97.637	+1,892.000	-1,932.437	+0.000	+0.000	+56,655.000
30	+97.926	+1,897.600	-1,938.157	+0.000	+0.000	+61,771.737
31	+99.289	+1,924.000	-1,965.121	+0.000	+0.000	+65,660.780
32	+102.096	+1,978.400	-2,020.684	+0.000	+0.000	+75,477.847
33	+103.582	+2,007.200	-2,050.100	+0.000	+0.000	+89,018.487
34	+107.545	+2,084.000	-2,128.541	+0.000	+0.000	+101,783.341
35	+109.486	+2,121.600	-2,166.945	+0.000	+0.000	+78,950.438
36	+109.444	+2,120.800	-2,166.128	+0.000	+0.000	+77,559.363
37	+108.825	+2,108.800	-2,153.871	+0.000	+0.000	+76,876.454
38	+106.555	+2,064.800	-2,108.931	+0.000	+0.000	+77,105.885
39	+104.490	+2,024.800	-2,068.076	+0.000	+0.000	+75,852.352
40	+101.518	+1,967.200	-2,009.245	+0.000	+0.000	+72,650.354
41	+98.958	+1,917.600	-1,958.585	+0.000	+0.000	+76,444.888
42	+95.408	+1,848.800	-1,888.314	+0.000	+0.000	+62,954.526



43	+90.743	+1,758.400	-1,795.982	+.000	+.000	+66,318.402
44	+85.458	+1,656.000	-1,691.393	+.000	+.000	+63,991.249
45	+80.545	+1,560.800	-1,594.159	+.000	+.000	+61,518.234
46	+75.137	+1,456.000	-1,487.119	+.000	+.000	+51,695.365
47	+70.926	+1,374.400	-1,403.775	+.000	+.000	+57,571.749
48	+68.284	+1,323.200	-1,351.481	+.000	+.000	+57,276.053