

Date: 06/08/2019

Settlement Day:14/07/2019

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: 105

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+592,828.840	+131,148,242.400
Balancing Services Contract Cost	+1,044,615.895	+91,968,279.938
Balancing Services Cost Variable	+46,429.490	+25,951,586.125
ESO Incentive Recovery Costs	+40,983.610	+4,303,279.050
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+117,865.758	+11,602,573.917
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+86,527,459.200
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+433,484.100
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	+86,527,459.200
Total External Costs	+1,846,852.013	+265,407,445.530
Total Adjusted Energy Volume (MWh)	+1,012,921.063	

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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	+19,262.776	+64,640.563	+3.35572
02	+18,419.631	+58,984.335	+3.20225
03	+17,897.932	+60,847.806	+3.39971
04	+17,653.680	+62,356.076	+3.53219
05	+17,547.700	+73,137.923	+4.16795
06	+17,131.059	+65,250.030	+3.80887
07	+17,016.303	+60,647.007	+3.56405
08	+17,005.443	+70,092.571	+4.12177
09	+16,999.485	+64,642.664	+3.80262
10	+16,760.668	+61,808.171	+3.68769
11	+16,675.310	+69,171.211	+4.14812
12	+16,839.719	+69,005.448	+4.09778
13	+17,214.609	+63,307.440	+3.67754
14	+17,642.285	+63,019.599	+3.57208
15	+18,042.228	+46,280.239	+2.56511
16	+18,730.432	+47,973.201	+2.56124
17	+19,637.434	+38,555.559	+1.96337
18	+20,480.348	+40,771.431	+1.99076
19	+21,078.110	+34,357.783	+1.63002
20	+21,679.354	+40,946.625	+1.88874
21	+22,223.632	+47,820.994	+2.15181
22	+22,449.362	+51,437.380	+2.29126
23	+22,583.518	+51,707.833	+2.28963
24	+22,955.324	+56,003.693	+2.43968
25	+22,971.075	+61,471.156	+2.67602
26	+22,869.840	+59,728.319	+2.61166
27	+22,663.208	+78,560.580	+3.46644
28	+22,227.972	+68,037.194	+3.06088
29	+21,743.332	+53,895.942	+2.47873
30	+21,446.566	+50,656.792	+2.36200
31	+21,669.983	+41,915.218	+1.93425
32	+21,898.117	+38,773.591	+1.77064
33	+22,414.725	+39,340.690	+1.75513
34	+23,325.200	+48,149.309	+2.06426
35	+23,936.450	+51,336.467	+2.14470
36	+24,165.747	+58,804.190	+2.43337
37	+24,252.110	+55,152.753	+2.27414
38	+24,381.663	+57,232.640	+2.34736
39	+24,666.555	+50,905.186	+2.06373
40	+25,261.459	+65,499.528	+2.59286
41	+25,343.441	+67,862.651	+2.67772
42	+25,054.317	+60,032.579	+2.39610

43	+24,883.128	+50,502.882	+2.02960
44	+24,533.156	+45,548.760	+1.85662
45	+24,211.302	+49,354.637	+2.03850
46	+23,217.459	+34,891.555	+1.50282
47	+21,597.963	+62,155.232	+2.87783
48	+20,259.953	+58,308.984	+2.87804

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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	+0.01902	+24,239.55	+19,868.594	+1,758.750	+779.508	+.000
02	+0.01818	+20,289.92	+18,991.117	+1,758.750	+745.082	+.000
03	+0.01767	+26,929.54	+18,458.363	-1,981.250	+724.180	+.000
04	+0.01743	+28,925.41	+18,207.655	-1,981.250	+714.344	+.000
05	+0.01732	+39,488.74	+18,092.747	-1,539.250	+709.836	+.000
06	+0.01691	+32,433.83	+17,664.455	-1,539.250	+693.033	+.000
07	+0.01680	+27,900.04	+17,549.547	-1,385.000	+688.525	+.000
08	+0.01679	+37,365.92	+17,539.101	-1,385.000	+688.115	+.000
09	+0.01678	+31,920.58	+17,528.655	-1,369.250	+687.705	+.000
10	+0.01655	+29,553.37	+17,288.393	-1,369.250	+678.279	+.000
11	+0.01646	+38,169.26	+17,194.378	-2,439.250	+674.590	+.000
12	+0.01662	+37,678.43	+17,361.516	-2,439.250	+681.148	+.000
13	+0.01700	+31,983.14	+17,758.470	-3,214.000	+696.721	+.000
14	+0.01742	+30,842.00	+18,197.209	-3,214.000	+713.934	+.000
15	+0.01781	+12,589.04	+18,604.609	-2,492.750	+729.918	+.000
16	+0.01849	+12,900.47	+19,314.948	-2,492.750	+757.787	+.000
17	+0.01939	+6,657.63	+20,255.102	-7,496.050	+794.672	+.000
18	+0.02022	+7,187.22	+21,122.133	-7,496.050	+828.689	+.000
19	+0.02081	-4,773.41	+21,738.457	-3,147.750	+852.869	+.000
20	+0.02140	+616.75	+22,354.780	-3,147.750	+877.049	+.000
21	+0.02194	+4,253.67	+22,918.873	-1,007.400	+899.180	+.000
22	+0.02216	+2,368.80	+23,148.688	+4,046.890	+908.197	+.000
23	+0.02230	+1,347.42	+23,294.934	+5,054.290	+913.935	+.000
24	+0.02266	+4,911.88	+23,670.996	+5,054.290	+928.689	+.000
25	+0.02268	+10,338.71	+23,691.888	+5,054.290	+929.508	+.000
26	+0.02258	+8,799.04	+23,587.427	+5,054.290	+925.410	+.000
27	+0.02237	+28,057.95	+23,368.058	+5,054.290	+916.803	+.000
28	+0.02194	+23,462.47	+22,918.873	+.000	+899.180	+.000
29	+0.02147	+10,276.10	+22,427.903	+.000	+879.918	+.000
30	+0.02117	+7,646.45	+22,114.518	+.000	+867.623	+.000
31	+0.02139	-1,542.09	+22,344.334	+.000	+876.639	+.000
32	+0.02162	-5,151.00	+22,584.596	+.000	+886.066	+.000
33	+0.02213	-5,620.05	+23,117.350	+.000	+906.967	+.000
34	+0.02303	+1,360.07	+24,057.504	+.000	+943.853	+.000
35	+0.02363	+3,328.23	+24,684.274	+.000	+968.443	+.000
36	+0.02386	+10,328.67	+24,924.535	+.000	+977.869	+.000
37	+0.02394	+6,514.70	+25,008.105	+.000	+981.148	+.000
38	+0.02407	+8,330.47	+25,143.905	+.000	+986.475	+.000
39	+0.02435	+1,434.15	+25,436.397	+.000	+997.951	+.000
40	+0.02494	+9,775.52	+26,052.720	+5,054.290	+1,022.131	+.000
41	+0.02502	+13,012.01	+26,136.290	+4,018.390	+1,025.410	+.000
42	+0.02473	+5,771.12	+25,833.351	+4,018.390	+1,013.525	+.000

43	+0.02457	-4,469.41	+25,666.213	+5,054.290	+1,006.967	+.000
44	+0.02422	-8,712.45	+25,300.597	+5,054.290	+992.623	+.000
45	+0.02390	+797.85	+24,966.320	+.000	+979.508	+.000
46	+0.02292	-11,674.20	+23,942.596	+.000	+939.344	+.000
47	+0.02132	-1,925.11	+22,271.211	+20,765.250	+873.771	+.000
48	+0.02000	-3,089.56	+20,892.318	+20,765.250	+819.672	+.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	+2,241.807	+0.000	+15,673.831	+0.000	+0.000
02	+0.000	+2,142.799	+0.000	+14,981.612	+0.000	+0.000
03	+0.000	+2,082.688	+0.000	+14,561.335	+0.000	+0.000
04	+0.000	+2,054.400	+0.000	+14,363.558	+0.000	+0.000
05	+0.000	+2,041.435	+0.000	+14,272.910	+0.000	+0.000
06	+0.000	+1,993.110	+0.000	+13,935.041	+0.000	+0.000
07	+0.000	+1,980.145	+0.000	+13,844.393	+0.000	+0.000
08	+0.000	+1,978.966	+0.000	+13,836.153	+0.000	+0.000
09	+0.000	+1,977.787	+0.000	+13,827.912	+0.000	+0.000
10	+0.000	+1,950.678	+0.000	+13,638.376	+0.000	+0.000
11	+0.000	+1,940.070	+0.000	+13,564.209	+0.000	+0.000
12	+0.000	+1,958.929	+0.000	+13,696.061	+0.000	+0.000
13	+0.000	+2,003.718	+0.000	+14,009.208	+0.000	+0.000
14	+0.000	+2,053.222	+0.000	+14,355.318	+0.000	+0.000
15	+0.000	+2,099.189	+0.000	+14,676.705	+0.000	+0.000
16	+0.000	+2,179.338	+0.000	+15,237.074	+0.000	+0.000
17	+0.000	+2,285.417	+0.000	+15,978.737	+0.000	+0.000
18	+0.000	+2,383.246	+0.000	+16,662.716	+0.000	+0.000
19	+0.000	+2,452.786	+0.000	+17,148.918	+0.000	+0.000
20	+0.000	+2,522.327	+0.000	+17,635.120	+0.000	+0.000
21	+0.000	+2,585.975	+0.000	+18,080.119	+0.000	+0.000
22	+0.000	+2,611.905	+0.000	+18,261.414	+0.000	+0.000
23	+0.000	+2,628.406	+0.000	+18,376.784	+0.000	+0.000
24	+0.000	+2,670.838	+0.000	+18,673.450	+0.000	+0.000
25	+0.000	+2,673.195	+0.000	+18,689.931	+0.000	+0.000
26	+0.000	+2,661.409	+0.000	+18,607.524	+0.000	+0.000
27	+0.000	+2,636.657	+0.000	+18,434.469	+0.000	+0.000
28	+0.000	+2,585.975	+0.000	+18,080.119	+0.000	+0.000
29	+0.000	+2,530.578	+0.000	+17,692.805	+0.000	+0.000
30	+0.000	+2,495.218	+0.000	+17,445.584	+0.000	+0.000
31	+0.000	+2,521.149	+0.000	+17,626.880	+0.000	+0.000
32	+0.000	+2,548.258	+0.000	+17,816.416	+0.000	+0.000
33	+0.000	+2,608.369	+0.000	+18,236.692	+0.000	+0.000
34	+0.000	+2,714.448	+0.000	+18,978.356	+0.000	+0.000
35	+0.000	+2,785.168	+0.000	+19,472.799	+0.000	+0.000
36	+0.000	+2,812.277	+0.000	+19,662.335	+0.000	+0.000
37	+0.000	+2,821.706	+0.000	+19,728.261	+0.000	+0.000
38	+0.000	+2,837.029	+0.000	+19,835.390	+0.000	+0.000
39	+0.000	+2,870.031	+0.000	+20,066.130	+0.000	+0.000
40	+0.000	+2,939.572	+0.000	+20,552.332	+0.000	+0.000
41	+0.000	+2,949.001	+0.000	+20,618.257	+0.000	+0.000
42	+0.000	+2,914.820	+0.000	+20,379.277	+0.000	+0.000

43	+.000	+2,895.962	+.000	+20,247.425	+.000	+.000
44	+.000	+2,854.709	+.000	+19,959.001	+.000	+.000
45	+.000	+2,816.992	+.000	+19,695.298	+.000	+.000
46	+.000	+2,701.483	+.000	+18,887.708	+.000	+.000
47	+.000	+2,512.898	+.000	+17,569.195	+.000	+.000
48	+.000	+2,357.315	+.000	+16,481.421	+.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	+78.523	+0.000	+0.000	+0.000	+0.000	+64,640.563
02	+75.055	+0.000	+0.000	+0.000	+0.000	+58,984.335
03	+72.949	+0.000	+0.000	+0.000	+0.000	+60,847.806
04	+71.958	+0.000	+0.000	+0.000	+0.000	+62,356.076
05	+71.504	+0.000	+0.000	+0.000	+0.000	+73,137.923
06	+69.812	+0.000	+0.000	+0.000	+0.000	+65,250.030
07	+69.357	+0.000	+0.000	+0.000	+0.000	+60,647.007
08	+69.316	+0.000	+0.000	+0.000	+0.000	+70,092.571
09	+69.275	+0.000	+0.000	+0.000	+0.000	+64,642.664
10	+68.325	+0.000	+0.000	+0.000	+0.000	+61,808.171
11	+67.954	+0.000	+0.000	+0.000	+0.000	+69,171.211
12	+68.614	+0.000	+0.000	+0.000	+0.000	+69,005.448
13	+70.183	+0.000	+0.000	+0.000	+0.000	+63,307.440
14	+71.917	+0.000	+0.000	+0.000	+0.000	+63,019.599
15	+73.527	+0.000	+0.000	+0.000	+0.000	+46,280.239
16	+76.334	+0.000	+0.000	+0.000	+0.000	+47,973.201
17	+80.050	+0.000	+0.000	+0.000	+0.000	+38,555.559
18	+83.477	+0.000	+0.000	+0.000	+0.000	+40,771.431
19	+85.912	+0.000	+0.000	+0.000	+0.000	+34,357.783
20	+88.348	+0.000	+0.000	+0.000	+0.000	+40,946.625
21	+90.578	+0.000	+0.000	+0.000	+0.000	+47,820.994
22	+91.486	+0.000	+0.000	+0.000	+0.000	+51,437.380
23	+92.064	+0.000	+0.000	+0.000	+0.000	+51,707.833
24	+93.550	+0.000	+0.000	+0.000	+0.000	+56,003.693
25	+93.633	+0.000	+0.000	+0.000	+0.000	+61,471.156
26	+93.220	+0.000	+0.000	+0.000	+0.000	+59,728.319
27	+92.353	+0.000	+0.000	+0.000	+0.000	+78,560.580
28	+90.578	+0.000	+0.000	+0.000	+0.000	+68,037.194
29	+88.637	+0.000	+0.000	+0.000	+0.000	+53,895.942
30	+87.399	+0.000	+0.000	+0.000	+0.000	+50,656.792
31	+88.307	+0.000	+0.000	+0.000	+0.000	+41,915.218
32	+89.256	+0.000	+0.000	+0.000	+0.000	+38,773.591
33	+91.362	+0.000	+0.000	+0.000	+0.000	+39,340.690
34	+95.078	+0.000	+0.000	+0.000	+0.000	+48,149.309
35	+97.555	+0.000	+0.000	+0.000	+0.000	+51,336.467
36	+98.504	+0.000	+0.000	+0.000	+0.000	+58,804.190
37	+98.834	+0.000	+0.000	+0.000	+0.000	+55,152.753
38	+99.371	+0.000	+0.000	+0.000	+0.000	+57,232.640
39	+100.527	+0.000	+0.000	+0.000	+0.000	+50,905.186
40	+102.963	+0.000	+0.000	+0.000	+0.000	+65,499.528
41	+103.293	+0.000	+0.000	+0.000	+0.000	+67,862.651
42	+102.096	+0.000	+0.000	+0.000	+0.000	+60,032.579



43	+101.435	+.000	+.000	+.000	+.000	+50,502.882
44	+99.990	+.000	+.000	+.000	+.000	+45,548.760
45	+98.669	+.000	+.000	+.000	+.000	+49,354.637
46	+94.623	+.000	+.000	+.000	+.000	+34,891.555
47	+88.018	+.000	+.000	+.000	+.000	+62,155.232
48	+82.568	+.000	+.000	+.000	+.000	+58,308.984