

Date: 13/09/2019

Settlement Day:05/09/2019

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: 158

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+2,177,976.540	+227,210,034.930
Balancing Services Contract Cost	+691,608.958	+117,699,224.683
Balancing Services Cost Variable	+603,752.350	+56,034,900.845
ESO Incentive Recovery Costs	+40,983.610	+6,475,410.380
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+19,477,438.321
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+130,203,224.320
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+652,290.360
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	+130,203,224.320
Total External Costs	+3,641,737.549	+427,549,299.519
Total Adjusted Energy Volume (MWh)	+1,117,484.283	

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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	+19,386.666	+198,363.483	+10.23195
02	+19,125.024	+202,693.654	+10.59835
03	+18,946.871	+204,763.931	+10.80727
04	+18,844.838	+201,293.154	+10.68161
05	+18,836.644	+178,039.594	+9.45177
06	+18,840.653	+158,498.344	+8.41257
07	+18,424.040	+148,184.914	+8.04302
08	+18,229.045	+148,811.570	+8.16343
09	+18,449.618	+159,696.036	+8.65579
10	+18,471.893	+161,398.177	+8.73750
11	+18,804.503	+124,629.061	+6.62762
12	+19,415.011	+125,197.064	+6.44847
13	+20,982.462	+122,002.017	+5.81448
14	+23,082.715	+106,009.167	+4.59258
15	+25,148.775	+60,092.043	+2.38946
16	+25,993.187	+73,003.274	+2.80855
17	+26,225.805	+72,356.701	+2.75899
18	+25,903.093	+60,970.607	+2.35380
19	+25,501.877	+67,189.119	+2.63467
20	+25,150.998	+64,494.484	+2.56429
21	+24,929.437	+59,444.418	+2.38451
22	+24,526.412	+63,369.409	+2.58372
23	+24,192.203	+50,493.165	+2.08717
24	+23,934.590	+54,307.657	+2.26900
25	+23,864.020	+49,428.622	+2.07126
26	+24,026.648	+49,723.904	+2.06953
27	+23,880.916	+49,842.823	+2.08714
28	+23,881.119	+51,769.833	+2.16781
29	+23,585.265	+45,047.952	+1.91000
30	+23,377.724	+39,437.767	+1.68698
31	+22,805.554	+35,845.867	+1.57180
32	+23,386.787	+39,864.008	+1.70455
33	+23,963.178	+40,046.829	+1.67118
34	+25,056.940	+39,757.777	+1.58670
35	+25,990.803	+57,826.704	+2.22489
36	+26,511.217	+60,152.330	+2.26894
37	+26,950.025	+57,927.232	+2.14943
38	+27,478.842	+53,327.230	+1.94067
39	+27,861.838	+47,703.357	+1.71214
40	+28,176.555	+65,649.419	+2.32993
41	+28,415.714	+89,383.187	+3.14555
42	+27,546.511	+65,550.215	+2.37962

43	+26,870.882	+60,275.547	+2.24315
44	+25,586.196	+66,461.635	+2.59756
45	+24,154.821	+73,659.653	+3.04948
46	+22,242.655	+106,782.696	+4.80081
47	+20,781.745	+161,131.462	+7.75351
48	+19,741.968	+193,945.178	+9.82400

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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	+0.01735	+136,083.96	+11,999.415	+33,060.740	+711.066	+0.000
02	+0.01711	+140,818.31	+11,833.429	+33,060.740	+701.230	+0.000
03	+0.01695	+138,269.84	+11,722.772	+37,948.940	+694.672	+0.000
04	+0.01686	+134,950.63	+11,660.527	+37,948.940	+690.984	+0.000
05	+0.01686	+116,937.02	+11,660.527	+32,708.990	+690.984	+0.000
06	+0.01686	+97,395.77	+11,660.527	+32,708.990	+690.984	+0.000
07	+0.01649	+90,083.20	+11,404.632	+30,331.240	+675.820	+0.000
08	+0.01631	+91,012.99	+11,280.142	+30,331.240	+668.443	+0.000
09	+0.01651	+89,319.64	+11,418.464	+42,572.240	+676.639	+0.000
10	+0.01653	+90,988.10	+11,432.296	+42,572.240	+677.459	+0.000
11	+0.01683	+81,746.76	+11,639.779	+14,539.240	+689.754	+0.000
12	+0.01737	+81,405.36	+12,013.248	+14,539.240	+711.885	+0.000
13	+0.01878	+70,432.26	+12,988.416	+19,942.740	+769.672	+0.000
14	+0.02066	+46,187.63	+14,288.641	+25,028.450	+846.721	+0.000
15	+0.02250	+15,483.80	+15,561.202	+6,716.450	+922.131	+0.000
16	+0.02326	+27,115.13	+16,086.824	+6,716.450	+953.279	+0.000
17	+0.02347	+28,931.65	+16,232.062	+3,899.700	+961.885	+0.000
18	+0.02318	+18,033.94	+16,031.496	+3,899.700	+950.000	+0.000
19	+0.02282	+24,472.67	+15,782.516	+4,285.750	+935.246	+0.000
20	+0.02251	+22,300.10	+15,568.118	+4,285.750	+922.541	+0.000
21	+0.02231	+17,006.65	+15,429.796	+4,865.950	+914.344	+0.000
22	+0.02195	+21,537.91	+15,180.817	+4,865.950	+899.590	+0.000
23	+0.02165	+8,678.67	+14,973.334	+5,354.170	+887.295	+0.000
24	+0.02142	+12,880.50	+14,814.264	+5,354.170	+877.869	+0.000
25	+0.02136	+9,422.85	+14,772.767	+4,033.830	+875.410	+0.000
26	+0.02150	+9,482.36	+14,869.593	+4,033.830	+881.148	+0.000
27	+0.02137	+14,803.92	+14,779.683	-949.880	+875.820	+0.000
28	+0.02137	+16,730.93	+14,779.683	-949.880	+875.820	+0.000
29	+0.02111	+10,098.28	+14,599.865	-601.250	+865.164	+0.000
30	+0.02092	+4,808.07	+14,468.459	-601.250	+857.377	+0.000
31	+0.02041	+3,308.05	+14,115.739	-1,834.250	+836.475	+0.000
32	+0.02093	+6,450.47	+14,475.375	-1,834.250	+857.787	+0.000
33	+0.02144	-2,776.29	+14,828.096	+6,716.450	+878.689	+0.000
34	+0.02242	-4,715.74	+15,505.873	+6,716.450	+918.853	+0.000
35	+0.02326	+11,938.56	+16,086.824	+6,716.450	+953.279	+0.000
36	+0.02372	+13,489.51	+16,404.964	+6,716.450	+972.131	+0.000
37	+0.02412	+10,590.78	+16,681.608	+6,716.450	+988.525	+0.000
38	+0.02459	+5,199.26	+17,006.664	+6,716.450	+1,007.787	+0.000
39	+0.02493	-997.20	+17,241.811	+6,716.450	+1,021.721	+0.000
40	+0.02521	+16,477.32	+17,435.462	+6,716.450	+1,033.197	+0.000
41	+0.02543	+39,840.59	+17,587.616	+6,716.450	+1,042.213	+0.000
42	+0.02465	+17,321.20	+17,048.161	+6,716.450	+1,010.246	+0.000

43	+0.02405	+18,142.69	+16,633.195	+1,630.740	+985.656	+.000
44	+0.02290	+26,265.47	+15,837.845	+1,630.740	+938.525	+.000
45	+0.02162	+40,484.86	+14,952.586	-3,235.010	+886.066	+.000
46	+0.01990	+76,504.52	+13,763.018	-3,235.010	+815.574	+.000
47	+0.01860	+99,326.84	+12,863.927	+30,480.740	+762.295	+.000
48	+0.01767	+133,706.75	+12,220.730	+30,480.740	+724.180	+.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	+2,139.041	+0.000	+14,297.633	+0.000	+0.000
02	+0.000	+2,109.452	+0.000	+14,099.855	+0.000	+0.000
03	+0.000	+2,089.726	+0.000	+13,968.004	+0.000	+0.000
04	+0.000	+2,078.630	+0.000	+13,893.838	+0.000	+0.000
05	+0.000	+2,078.630	+0.000	+13,893.838	+0.000	+0.000
06	+0.000	+2,078.630	+0.000	+13,893.838	+0.000	+0.000
07	+0.000	+2,033.014	+0.000	+13,588.931	+0.000	+0.000
08	+0.000	+2,010.822	+0.000	+13,440.599	+0.000	+0.000
09	+0.000	+2,035.479	+0.000	+13,605.413	+0.000	+0.000
10	+0.000	+2,037.945	+0.000	+13,621.894	+0.000	+0.000
11	+0.000	+2,074.932	+0.000	+13,869.116	+0.000	+0.000
12	+0.000	+2,141.507	+0.000	+14,314.114	+0.000	+0.000
13	+0.000	+2,315.342	+0.000	+15,476.054	+0.000	+0.000
14	+0.000	+2,547.123	+0.000	+17,025.308	+0.000	+0.000
15	+0.000	+2,773.973	+0.000	+18,541.598	+0.000	+0.000
16	+0.000	+2,867.671	+0.000	+19,167.892	+0.000	+0.000
17	+0.000	+2,893.562	+0.000	+19,340.947	+0.000	+0.000
18	+0.000	+2,857.808	+0.000	+19,101.967	+0.000	+0.000
19	+0.000	+2,813.425	+0.000	+18,805.301	+0.000	+0.000
20	+0.000	+2,775.205	+0.000	+18,549.839	+0.000	+0.000
21	+0.000	+2,750.548	+0.000	+18,385.025	+0.000	+0.000
22	+0.000	+2,706.164	+0.000	+18,088.359	+0.000	+0.000
23	+0.000	+2,669.178	+0.000	+17,841.138	+0.000	+0.000
24	+0.000	+2,640.822	+0.000	+17,651.602	+0.000	+0.000
25	+0.000	+2,633.425	+0.000	+17,602.157	+0.000	+0.000
26	+0.000	+2,650.685	+0.000	+17,717.527	+0.000	+0.000
27	+0.000	+2,634.658	+0.000	+17,610.398	+0.000	+0.000
28	+0.000	+2,634.658	+0.000	+17,610.398	+0.000	+0.000
29	+0.000	+2,602.603	+0.000	+17,396.140	+0.000	+0.000
30	+0.000	+2,579.178	+0.000	+17,239.566	+0.000	+0.000
31	+0.000	+2,516.301	+0.000	+16,819.290	+0.000	+0.000
32	+0.000	+2,580.411	+0.000	+17,247.807	+0.000	+0.000
33	+0.000	+2,643.288	+0.000	+17,668.083	+0.000	+0.000
34	+0.000	+2,764.110	+0.000	+18,475.673	+0.000	+0.000
35	+0.000	+2,867.671	+0.000	+19,167.892	+0.000	+0.000
36	+0.000	+2,924.384	+0.000	+19,546.965	+0.000	+0.000
37	+0.000	+2,973.699	+0.000	+19,876.593	+0.000	+0.000
38	+0.000	+3,031.644	+0.000	+20,263.907	+0.000	+0.000
39	+0.000	+3,073.562	+0.000	+20,544.091	+0.000	+0.000
40	+0.000	+3,108.082	+0.000	+20,774.831	+0.000	+0.000
41	+0.000	+3,135.205	+0.000	+20,956.127	+0.000	+0.000
42	+0.000	+3,039.041	+0.000	+20,313.351	+0.000	+0.000

43	+.000	+2,965.068	+.000	+19,818.909	+.000	+.000
44	+.000	+2,823.288	+.000	+18,871.227	+.000	+.000
45	+.000	+2,665.479	+.000	+17,816.416	+.000	+.000
46	+.000	+2,453.425	+.000	+16,399.014	+.000	+.000
47	+.000	+2,293.151	+.000	+15,327.721	+.000	+.000
48	+.000	+2,178.493	+.000	+14,561.335	+.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	+71.628	+0.000	+0.000	+0.000	+0.000	+198,363.483
02	+70.637	+0.000	+0.000	+0.000	+0.000	+202,693.654
03	+69.977	+0.000	+0.000	+0.000	+0.000	+204,763.931
04	+69.605	+0.000	+0.000	+0.000	+0.000	+201,293.154
05	+69.605	+0.000	+0.000	+0.000	+0.000	+178,039.594
06	+69.605	+0.000	+0.000	+0.000	+0.000	+158,498.344
07	+68.078	+0.000	+0.000	+0.000	+0.000	+148,184.914
08	+67.335	+0.000	+0.000	+0.000	+0.000	+148,811.570
09	+68.160	+0.000	+0.000	+0.000	+0.000	+159,696.036
10	+68.243	+0.000	+0.000	+0.000	+0.000	+161,398.177
11	+69.481	+0.000	+0.000	+0.000	+0.000	+124,629.061
12	+71.711	+0.000	+0.000	+0.000	+0.000	+125,197.064
13	+77.532	+0.000	+0.000	+0.000	+0.000	+122,002.017
14	+85.293	+0.000	+0.000	+0.000	+0.000	+106,009.167
15	+92.889	+0.000	+0.000	+0.000	+0.000	+60,092.043
16	+96.027	+0.000	+0.000	+0.000	+0.000	+73,003.274
17	+96.894	+0.000	+0.000	+0.000	+0.000	+72,356.701
18	+95.697	+0.000	+0.000	+0.000	+0.000	+60,970.607
19	+94.211	+0.000	+0.000	+0.000	+0.000	+67,189.119
20	+92.931	+0.000	+0.000	+0.000	+0.000	+64,494.484
21	+92.105	+0.000	+0.000	+0.000	+0.000	+59,444.418
22	+90.619	+0.000	+0.000	+0.000	+0.000	+63,369.409
23	+89.380	+0.000	+0.000	+0.000	+0.000	+50,493.165
24	+88.431	+0.000	+0.000	+0.000	+0.000	+54,307.657
25	+88.183	+0.000	+0.000	+0.000	+0.000	+49,428.622
26	+88.761	+0.000	+0.000	+0.000	+0.000	+49,723.904
27	+88.224	+0.000	+0.000	+0.000	+0.000	+49,842.823
28	+88.224	+0.000	+0.000	+0.000	+0.000	+51,769.833
29	+87.151	+0.000	+0.000	+0.000	+0.000	+45,047.952
30	+86.367	+0.000	+0.000	+0.000	+0.000	+39,437.767
31	+84.261	+0.000	+0.000	+0.000	+0.000	+35,845.867
32	+86.408	+0.000	+0.000	+0.000	+0.000	+39,864.008
33	+88.513	+0.000	+0.000	+0.000	+0.000	+40,046.829
34	+92.559	+0.000	+0.000	+0.000	+0.000	+39,757.777
35	+96.027	+0.000	+0.000	+0.000	+0.000	+57,826.704
36	+97.926	+0.000	+0.000	+0.000	+0.000	+60,152.330
37	+99.577	+0.000	+0.000	+0.000	+0.000	+57,927.232
38	+101.518	+0.000	+0.000	+0.000	+0.000	+53,327.230
39	+102.922	+0.000	+0.000	+0.000	+0.000	+47,703.357
40	+104.077	+0.000	+0.000	+0.000	+0.000	+65,649.419
41	+104.986	+0.000	+0.000	+0.000	+0.000	+89,383.187
42	+101.766	+0.000	+0.000	+0.000	+0.000	+65,550.215



43	+99.289	+.000	+.000	+.000	+.000	+60,275.547
44	+94.541	+.000	+.000	+.000	+.000	+66,461.635
45	+89.256	+.000	+.000	+.000	+.000	+73,659.653
46	+82.156	+.000	+.000	+.000	+.000	+106,782.696
47	+76.789	+.000	+.000	+.000	+.000	+161,131.462
48	+72.949	+.000	+.000	+.000	+.000	+193,945.178