

Date: 29/10/2019

Settlement Day:21/10/2019

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: 204

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,081,281.270	+330,409,895.490
Balancing Services Contract Cost	+665,121.859	+151,293,784.210
Balancing Services Cost Variable	+848,440.920	+83,524,287.535
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	+25,148,671.187
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+168,110,492.160
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+842,197.680
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	+168,110,492.160
Total External Costs	+2,722,260.140	+598,800,803.952
Total Adjusted Energy Volume (MWh)	+1,479,229.425	

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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	+20,436.056	+81,164.976	+3.97166
02	+20,274.043	+81,021.199	+3.99630
03	+20,723.463	+99,233.592	+4.78847
04	+21,204.534	+122,821.647	+5.79224
05	+21,003.750	+117,167.438	+5.57841
06	+20,623.275	+102,624.749	+4.97616
07	+20,414.042	+100,805.664	+4.93806
08	+20,434.048	+105,814.610	+5.17835
09	+20,584.489	+110,301.187	+5.35846
10	+20,585.542	+99,899.267	+4.85288
11	+20,706.267	+124,583.796	+6.01672
12	+21,806.948	+112,390.807	+5.15390
13	+25,460.067	+102,153.501	+4.01230
14	+28,466.504	+87,904.547	+3.08800
15	+32,961.267	+70,856.248	+2.14968
16	+34,691.110	+65,849.711	+1.89817
17	+35,302.944	+71,251.697	+2.01829
18	+35,625.162	+63,750.224	+1.78947
19	+35,893.912	+71,246.150	+1.98491
20	+35,692.497	+71,657.045	+2.00762
21	+35,595.545	+66,886.332	+1.87906
22	+35,442.389	+62,120.811	+1.75273
23	+35,324.443	+60,316.063	+1.70749
24	+35,136.402	+62,047.934	+1.76592
25	+35,083.231	+71,313.685	+2.03270
26	+34,697.984	+61,066.397	+1.75994
27	+34,773.850	+60,467.247	+1.73887
28	+34,731.901	+55,204.869	+1.58946
29	+34,829.516	+56,653.502	+1.62659
30	+34,829.956	+56,541.452	+1.62336
31	+35,306.691	+58,068.107	+1.64468
32	+35,959.674	+63,448.345	+1.76443
33	+35,936.822	+79,795.042	+2.22043
34	+36,826.105	+83,645.634	+2.27137
35	+37,956.882	+63,949.257	+1.68479
36	+38,369.144	+66,074.207	+1.72207
37	+38,602.296	+70,767.225	+1.83324
38	+38,816.660	+78,278.890	+2.01663
39	+38,105.024	+60,961.738	+1.59983
40	+37,001.561	+49,444.861	+1.33629
41	+36,333.524	+48,482.597	+1.33438
42	+34,956.243	+38,170.770	+1.09196

43	+33,584.387	+50,367.574	+1.49973
44	+31,361.310	+56,247.081	+1.79352
45	+29,631.131	+55,197.548	+1.86282
46	+27,723.637	+47,468.032	+1.71219
47	+25,438.028	+45,863.065	+1.80293
48	+23,985.169	+54,984.862	+2.29245

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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	+0.01382	+49,117.82	+9,191.984	+9,705.620	+.000	+.000
02	+0.01371	+49,151.87	+9,118.821	+9,705.620	+.000	+.000
03	+0.01401	+72,915.28	+9,318.357	+3,669.620	+.000	+.000
04	+0.01433	+95,986.02	+9,531.196	+3,669.620	+.000	+.000
05	+0.01420	+91,127.22	+9,444.730	+3,084.370	+.000	+.000
06	+0.01394	+77,004.85	+9,271.799	+3,084.370	+.000	+.000
07	+0.01380	+74,379.59	+9,178.682	+4,116.870	+.000	+.000
08	+0.01381	+79,372.37	+9,185.333	+4,116.870	+.000	+.000
09	+0.01392	+84,107.12	+9,258.496	+3,690.870	+.000	+.000
10	+0.01392	+73,705.20	+9,258.496	+3,690.870	+.000	+.000
11	+0.01400	+66,961.89	+9,311.706	+34,989.380	+.000	+.000
12	+0.01474	+53,572.61	+9,803.896	+34,989.380	+.000	+.000
13	+0.01721	+27,472.79	+11,446.747	+46,858.870	+.000	+.000
14	+0.01924	+9,942.12	+12,796.945	+46,858.870	+.000	+.000
15	+0.02228	+3,984.96	+14,818.915	+30,853.240	+.000	+.000
16	+0.02345	-2,913.01	+15,597.108	+30,853.240	+.000	+.000
17	+0.02387	+1,571.46	+15,876.459	+31,091.780	+.000	+.000
18	+0.02408	-6,269.50	+16,016.134	+31,091.780	+.000	+.000
19	+0.02427	+1,072.31	+16,142.508	+30,938.740	+.000	+.000
20	+0.02413	+1,709.53	+16,049.390	+30,938.740	+.000	+.000
21	+0.02406	-2,945.02	+16,002.832	+30,935.740	+.000	+.000
22	+0.02396	-7,548.88	+15,936.320	+30,935.740	+.000	+.000
23	+0.02388	-7,219.30	+15,883.110	+28,930.740	+.000	+.000
24	+0.02375	-5,277.27	+15,796.644	+28,930.740	+.000	+.000
25	+0.02372	+4,639.48	+15,776.690	+28,328.240	+.000	+.000
26	+0.02346	-5,187.49	+15,603.759	+28,328.240	+.000	+.000
27	+0.02351	-380.23	+15,637.015	+22,841.000	+.000	+.000
28	+0.02348	-5,594.11	+15,617.061	+22,841.000	+.000	+.000
29	+0.02355	-5,036.85	+15,663.620	+23,619.210	+.000	+.000
30	+0.02355	-5,148.90	+15,663.620	+23,619.210	+.000	+.000
31	+0.02387	-4,932.41	+15,876.459	+24,412.060	+.000	+.000
32	+0.02431	-263.48	+16,169.112	+24,412.060	+.000	+.000
33	+0.02429	-6,416.41	+16,155.810	+46,944.020	+.000	+.000
34	+0.02490	-3,551.95	+16,561.534	+46,944.020	+.000	+.000
35	+0.02566	+17,189.33	+17,067.027	+5,277.740	+.000	+.000
36	+0.02594	+18,861.63	+17,253.261	+5,277.740	+.000	+.000
37	+0.02610	+23,295.99	+17,359.681	+5,277.740	+.000	+.000
38	+0.02624	+30,581.33	+17,452.798	+5,277.740	+.000	+.000
39	+0.02576	+14,040.15	+17,133.539	+5,277.740	+.000	+.000
40	+0.02501	+3,735.73	+16,634.698	+5,277.740	+.000	+.000
41	+0.02456	+3,500.94	+16,335.393	+5,277.740	+.000	+.000
42	+0.02363	-29.70	+15,716.830	+.000	+.000	+.000

43	+0.02270	+13,670.55	+15,098.266	+.000	+.000	+.000
44	+0.02120	+21,974.97	+14,100.583	+.000	+.000	+.000
45	+0.02003	+22,816.87	+13,322.391	+.000	+.000	+.000
46	+0.01874	+17,172.78	+12,464.384	+.000	+.000	+.000
47	+0.01720	+17,319.39	+11,440.096	+738.000	+.000	+.000
48	+0.01621	+28,041.63	+10,781.625	+738.000	+.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	+1,703.836	+0.000	+11,388.662	+0.000	+0.000
02	+0.000	+1,690.274	+0.000	+11,298.014	+0.000	+0.000
03	+0.000	+1,727.260	+0.000	+11,545.235	+0.000	+0.000
04	+0.000	+1,766.712	+0.000	+11,808.938	+0.000	+0.000
05	+0.000	+1,750.685	+0.000	+11,701.809	+0.000	+0.000
06	+0.000	+1,718.630	+0.000	+11,487.550	+0.000	+0.000
07	+0.000	+1,701.370	+0.000	+11,372.180	+0.000	+0.000
08	+0.000	+1,702.603	+0.000	+11,380.421	+0.000	+0.000
09	+0.000	+1,716.164	+0.000	+11,471.069	+0.000	+0.000
10	+0.000	+1,716.164	+0.000	+11,471.069	+0.000	+0.000
11	+0.000	+1,726.027	+0.000	+11,536.995	+0.000	+0.000
12	+0.000	+1,817.260	+0.000	+12,146.807	+0.000	+0.000
13	+0.000	+2,121.781	+0.000	+14,182.263	+0.000	+0.000
14	+0.000	+2,372.055	+0.000	+15,855.127	+0.000	+0.000
15	+0.000	+2,746.849	+0.000	+18,360.303	+0.000	+0.000
16	+0.000	+2,891.096	+0.000	+19,324.466	+0.000	+0.000
17	+0.000	+2,942.877	+0.000	+19,670.576	+0.000	+0.000
18	+0.000	+2,968.767	+0.000	+19,843.631	+0.000	+0.000
19	+0.000	+2,992.192	+0.000	+20,000.204	+0.000	+0.000
20	+0.000	+2,974.932	+0.000	+19,884.834	+0.000	+0.000
21	+0.000	+2,966.301	+0.000	+19,827.149	+0.000	+0.000
22	+0.000	+2,953.973	+0.000	+19,744.742	+0.000	+0.000
23	+0.000	+2,944.110	+0.000	+19,678.816	+0.000	+0.000
24	+0.000	+2,928.082	+0.000	+19,571.687	+0.000	+0.000
25	+0.000	+2,924.384	+0.000	+19,546.965	+0.000	+0.000
26	+0.000	+2,892.329	+0.000	+19,332.707	+0.000	+0.000
27	+0.000	+2,898.493	+0.000	+19,373.910	+0.000	+0.000
28	+0.000	+2,894.795	+0.000	+19,349.188	+0.000	+0.000
29	+0.000	+2,903.425	+0.000	+19,406.873	+0.000	+0.000
30	+0.000	+2,903.425	+0.000	+19,406.873	+0.000	+0.000
31	+0.000	+2,942.877	+0.000	+19,670.576	+0.000	+0.000
32	+0.000	+2,997.123	+0.000	+20,033.167	+0.000	+0.000
33	+0.000	+2,994.658	+0.000	+20,016.686	+0.000	+0.000
34	+0.000	+3,069.863	+0.000	+20,519.369	+0.000	+0.000
35	+0.000	+3,163.562	+0.000	+21,145.663	+0.000	+0.000
36	+0.000	+3,198.082	+0.000	+21,376.403	+0.000	+0.000
37	+0.000	+3,217.808	+0.000	+21,508.254	+0.000	+0.000
38	+0.000	+3,235.068	+0.000	+21,623.624	+0.000	+0.000
39	+0.000	+3,175.890	+0.000	+21,228.070	+0.000	+0.000
40	+0.000	+3,083.425	+0.000	+20,610.017	+0.000	+0.000
41	+0.000	+3,027.945	+0.000	+20,239.185	+0.000	+0.000
42	+0.000	+2,913.288	+0.000	+19,472.799	+0.000	+0.000

43	+.000	+2,798.630	+.000	+18,706.413	+.000	+.000
44	+.000	+2,613.699	+.000	+17,470.306	+.000	+.000
45	+.000	+2,469.452	+.000	+16,506.143	+.000	+.000
46	+.000	+2,310.411	+.000	+15,443.091	+.000	+.000
47	+.000	+2,120.548	+.000	+14,174.022	+.000	+.000
48	+.000	+1,998.493	+.000	+13,358.192	+.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	+57.055	+0.000	+0.000	+0.000	+0.000	+81,164.976
02	+56.601	+0.000	+0.000	+0.000	+0.000	+81,021.199
03	+57.839	+0.000	+0.000	+0.000	+0.000	+99,233.592
04	+59.160	+0.000	+0.000	+0.000	+0.000	+122,821.647
05	+58.624	+0.000	+0.000	+0.000	+0.000	+117,167.438
06	+57.550	+0.000	+0.000	+0.000	+0.000	+102,624.749
07	+56.972	+0.000	+0.000	+0.000	+0.000	+100,805.664
08	+57.013	+0.000	+0.000	+0.000	+0.000	+105,814.610
09	+57.468	+0.000	+0.000	+0.000	+0.000	+110,301.187
10	+57.468	+0.000	+0.000	+0.000	+0.000	+99,899.267
11	+57.798	+0.000	+0.000	+0.000	+0.000	+124,583.796
12	+60.853	+0.000	+0.000	+0.000	+0.000	+112,390.807
13	+71.050	+0.000	+0.000	+0.000	+0.000	+102,153.501
14	+79.431	+0.000	+0.000	+0.000	+0.000	+87,904.547
15	+91.981	+0.000	+0.000	+0.000	+0.000	+70,856.248
16	+96.811	+0.000	+0.000	+0.000	+0.000	+65,849.711
17	+98.545	+0.000	+0.000	+0.000	+0.000	+71,251.697
18	+99.412	+0.000	+0.000	+0.000	+0.000	+63,750.224
19	+100.197	+0.000	+0.000	+0.000	+0.000	+71,246.150
20	+99.619	+0.000	+0.000	+0.000	+0.000	+71,657.045
21	+99.330	+0.000	+0.000	+0.000	+0.000	+66,886.332
22	+98.917	+0.000	+0.000	+0.000	+0.000	+62,120.811
23	+98.587	+0.000	+0.000	+0.000	+0.000	+60,316.063
24	+98.050	+0.000	+0.000	+0.000	+0.000	+62,047.934
25	+97.926	+0.000	+0.000	+0.000	+0.000	+71,313.685
26	+96.853	+0.000	+0.000	+0.000	+0.000	+61,066.397
27	+97.059	+0.000	+0.000	+0.000	+0.000	+60,467.247
28	+96.935	+0.000	+0.000	+0.000	+0.000	+55,204.869
29	+97.224	+0.000	+0.000	+0.000	+0.000	+56,653.502
30	+97.224	+0.000	+0.000	+0.000	+0.000	+56,541.452
31	+98.545	+0.000	+0.000	+0.000	+0.000	+58,068.107
32	+100.362	+0.000	+0.000	+0.000	+0.000	+63,448.345
33	+100.279	+0.000	+0.000	+0.000	+0.000	+79,795.042
34	+102.798	+0.000	+0.000	+0.000	+0.000	+83,645.634
35	+105.935	+0.000	+0.000	+0.000	+0.000	+63,949.257
36	+107.091	+0.000	+0.000	+0.000	+0.000	+66,074.207
37	+107.752	+0.000	+0.000	+0.000	+0.000	+70,767.225
38	+108.330	+0.000	+0.000	+0.000	+0.000	+78,278.890
39	+106.348	+0.000	+0.000	+0.000	+0.000	+60,961.738
40	+103.252	+0.000	+0.000	+0.000	+0.000	+49,444.861
41	+101.394	+0.000	+0.000	+0.000	+0.000	+48,482.597
42	+97.555	+0.000	+0.000	+0.000	+0.000	+38,170.770



43	+93.715	+.000	+.000	+.000	+.000	+50,367.574
44	+87.523	+.000	+.000	+.000	+.000	+56,247.081
45	+82.692	+.000	+.000	+.000	+.000	+55,197.548
46	+77.367	+.000	+.000	+.000	+.000	+47,468.032
47	+71.009	+.000	+.000	+.000	+.000	+45,863.065
48	+66.922	+.000	+.000	+.000	+.000	+54,984.862