

Date: 23/10/2019

Settlement Day:30/09/2019

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: 183

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,786,034.420	+273,484,970.200
Balancing Services Contract Cost	+806,076.818	+164,379,197.301
Balancing Services Cost Variable	+236,212.430	+69,757,287.145
ESO Incentive Recovery Costs	+0.000	+7,000,000.000
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+109,579.276	+21,069,168.776
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+150,805,000.320
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+755,500.860
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	+150,805,000.320
Total External Costs	+2,942,031.364	+536,446,124.282
Total Adjusted Energy Volume (MWh)	+1,313,234.205	



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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	+18,876.916	+135,888.464	+7.19866
02	+18,621.675	+123,001.412	+6.60528
03	+18,714.021	+128,994.222	+6.89292
04	+18,994.755	+132,449.441	+6.97295
05	+19,262.513	+146,457.881	+7.60326
06	+18,900.929	+136,860.951	+7.24096
07	+18,501.856	+139,693.945	+7.55027
08	+18,686.813	+155,942.655	+8.34506
09	+18,888.222	+169,844.843	+8.99210
10	+18,625.257	+155,365.842	+8.34168
11	+19,095.088	+145,302.370	+7.60941
12	+20,547.452	+129,233.659	+6.28952
13	+23,446.213	+99,725.392	+4.25337
14	+26,313.947	+62,211.435	+2.36420
15	+29,277.407	+37,678.640	+1.28695
16	+30,831.309	+43,925.088	+1.42469
17	+31,250.627	+37,595.102	+1.20302
18	+31,137.772	+40,316.205	+1.29477
19	+31,162.337	+40,696.782	+1.30596
20	+30,747.715	+43,491.229	+1.41445
21	+30,377.037	+47,004.669	+1.54738
22	+30,131.070	+37,743.026	+1.25263
23	+29,952.926	+35,398.805	+1.18181
24	+29,882.109	+39,127.214	+1.30939
25	+29,801.177	+39,900.403	+1.33889
26	+30,066.105	+57,010.634	+1.89618
27	+29,693.745	+55,499.804	+1.86907
28	+29,681.101	+50,223.476	+1.69210
29	+30,011.731	+51,339.249	+1.71064
30	+30,274.171	+52,163.841	+1.72305
31	+30,870.033	+48,221.784	+1.56209
32	+31,480.148	+54,550.228	+1.73285
33	+31,838.949	+72,146.039	+2.26597
34	+32,940.439	+70,208.607	+2.13138
35	+34,286.521	+63,605.819	+1.85513
36	+34,710.913	+64,691.772	+1.86373
37	+35,167.690	+66,558.292	+1.89260
38	+35,423.603	+59,946.874	+1.69229
39	+34,974.857	+65,638.143	+1.87672
40	+33,816.991	+59,060.461	+1.74647
41	+33,146.205	+57,521.344	+1.73538
42	+31,560.884	+41,746.389	+1.32273



43	+30,308.420	+61,634.246	+2.03357
44	+28,156.656	+63,856.653	+2.26791
45	+26,658.212	+70,705.678	+2.65230
46	+24,601.547	+66,457.785	+2.70137
47	+21,523.061	+100,231.763	+4.65695
48	+20,015.080	+109,129.219	+5.45235



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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	+0.01437	+100,896.26	+11,583.324	+9,933.000	+0.000	+0.000
02	+0.01418	+88,340.54	+11,430.169	+9,933.000	+0.000	+0.000
03	+0.01425	+93,142.03	+11,486.595	+11,002.250	+0.000	+0.000
04	+0.01446	+96,231.04	+11,655.871	+11,002.250	+0.000	+0.000
05	+0.01467	+109,631.77	+11,825.147	+11,243.750	+0.000	+0.000
06	+0.01439	+100,523.12	+11,599.445	+11,243.750	+0.000	+0.000
07	+0.01409	+102,458.52	+11,357.622	+12,664.500	+0.000	+0.000
08	+0.01423	+118,463.09	+11,470.473	+12,664.500	+0.000	+0.000
09	+0.01438	+139,733.70	+11,591.385	+5,034.500	+0.000	+0.000
10	+0.01418	+125,603.47	+11,430.169	+5,034.500	+0.000	+0.000
11	+0.01454	+132,082.24	+11,720.357	-12,135.530	+0.000	+0.000
12	+0.01565	+114,077.85	+12,615.102	-12,135.530	+0.000	+0.000
13	+0.01785	+75,127.18	+14,388.471	-6,529.610	+0.000	+0.000
14	+0.02004	+40,586.68	+16,153.779	-13,322.110	+0.000	+0.000
15	+0.02229	-6,413.29	+17,967.452	+5,221.390	+0.000	+0.000
16	+0.02348	-2,242.03	+18,926.684	+5,221.390	+0.000	+0.000
17	+0.02380	-9,130.05	+19,184.628	+5,221.390	+0.000	+0.000
18	+0.02371	-6,252.00	+19,112.081	+5,221.390	+0.000	+0.000
19	+0.02373	-5,906.30	+19,128.203	+5,221.390	+0.000	+0.000
20	+0.02341	-2,553.82	+18,870.258	+5,221.390	+0.000	+0.000
21	+0.02313	+1,447.90	+18,644.557	+5,221.390	+0.000	+0.000
22	+0.02294	-7,482.41	+18,491.402	+5,221.390	+0.000	+0.000
23	+0.02281	-9,599.93	+18,386.612	+5,221.390	+0.000	+0.000
24	+0.02275	-5,766.89	+18,338.248	+5,221.390	+0.000	+0.000
25	+0.02269	-4,889.07	+18,289.883	+5,221.390	+0.000	+0.000
26	+0.02289	+11,872.39	+18,451.098	+5,221.390	+0.000	+0.000
27	+0.02261	+16,071.23	+18,225.397	+0.000	+0.000	+0.000
28	+0.02260	+10,812.34	+18,217.336	+0.000	+0.000	+0.000
29	+0.02285	+11,492.15	+18,418.855	+0.000	+0.000	+0.000
30	+0.02305	+11,967.97	+18,580.071	+0.000	+0.000	+0.000
31	+0.02351	+7,223.74	+18,950.866	+0.000	+0.000	+0.000
32	+0.02397	+12,750.01	+19,321.661	+0.000	+0.000	+0.000
33	+0.02424	+10,519.58	+19,539.302	+19,355.400	+0.000	+0.000
34	+0.02508	+7,117.31	+20,216.407	+19,355.400	+0.000	+0.000
35	+0.02611	+11,059.86	+21,046.666	+7,013.890	+0.000	+0.000
36	+0.02643	+11,587.78	+21,304.610	+7,013.890	+0.000	+0.000
37	+0.02678	+14,636.45	+21,586.737	+5,221.390	+0.000	+0.000
38	+0.02697	+7,693.70	+21,739.892	+5,221.390	+0.000	+0.000
39	+0.02663	+13,977.88	+21,465.826	+5,221.390	+0.000	+0.000
40	+0.02575	+8,934.79	+20,756.478	+5,221.390	+0.000	+0.000
41	+0.02524	+8,285.04	+20,345.379	+5,221.390	+0.000	+0.000
42	+0.02403	-158.46	+19,370.026	+0.000	+0.000	+0.000



43	+0.02308	+16,073.56	+18,604.253	+5,312.500	+.000	+.000
44	+0.02144	+21,155.89	+17,282.287	+5,312.500	+.000	+.000
45	+0.02030	+29,176.91	+16,363.359	+6,128.500	+.000	+.000
46	+0.01873	+27,666.87	+15,097.819	+6,128.500	+.000	+.000
47	+0.01639	+63,552.47	+13,211.599	+8,097.500	+.000	+.000
48	+0.01524	+74,455.36	+12,284.611	+8,097.500	+.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	+1,574.654	+0.000	+11,841.901	+0.000	+0.000
02	+0.000	+1,553.834	+0.000	+11,685.327	+0.000	+0.000
03	+0.000	+1,561.505	+0.000	+11,743.012	+0.000	+0.000
04	+0.000	+1,584.516	+0.000	+11,916.067	+0.000	+0.000
05	+0.000	+1,607.528	+0.000	+12,089.122	+0.000	+0.000
06	+0.000	+1,576.846	+0.000	+11,858.382	+0.000	+0.000
07	+0.000	+1,543.972	+0.000	+11,611.161	+0.000	+0.000
08	+0.000	+1,559.313	+0.000	+11,726.531	+0.000	+0.000
09	+0.000	+1,575.750	+0.000	+11,850.142	+0.000	+0.000
10	+0.000	+1,553.834	+0.000	+11,685.327	+0.000	+0.000
11	+0.000	+1,593.283	+0.000	+11,981.993	+0.000	+0.000
12	+0.000	+1,714.916	+0.000	+12,896.712	+0.000	+0.000
13	+0.000	+1,955.990	+0.000	+14,709.668	+0.000	+0.000
14	+0.000	+2,195.969	+0.000	+16,514.384	+0.000	+0.000
15	+0.000	+2,442.522	+0.000	+18,368.543	+0.000	+0.000
16	+0.000	+2,572.921	+0.000	+19,349.188	+0.000	+0.000
17	+0.000	+2,607.987	+0.000	+19,612.891	+0.000	+0.000
18	+0.000	+2,598.125	+0.000	+19,538.724	+0.000	+0.000
19	+0.000	+2,600.316	+0.000	+19,555.206	+0.000	+0.000
20	+0.000	+2,565.251	+0.000	+19,291.503	+0.000	+0.000
21	+0.000	+2,534.569	+0.000	+19,060.763	+0.000	+0.000
22	+0.000	+2,513.749	+0.000	+18,904.190	+0.000	+0.000
23	+0.000	+2,499.503	+0.000	+18,797.060	+0.000	+0.000
24	+0.000	+2,492.929	+0.000	+18,747.616	+0.000	+0.000
25	+0.000	+2,486.354	+0.000	+18,698.172	+0.000	+0.000
26	+0.000	+2,508.270	+0.000	+18,862.986	+0.000	+0.000
27	+0.000	+2,477.587	+0.000	+18,632.246	+0.000	+0.000
28	+0.000	+2,476.492	+0.000	+18,624.006	+0.000	+0.000
29	+0.000	+2,503.886	+0.000	+18,830.023	+0.000	+0.000
30	+0.000	+2,525.802	+0.000	+18,994.837	+0.000	+0.000
31	+0.000	+2,576.209	+0.000	+19,373.910	+0.000	+0.000
32	+0.000	+2,626.615	+0.000	+19,752.983	+0.000	+0.000
33	+0.000	+2,656.202	+0.000	+19,975.482	+0.000	+0.000
34	+0.000	+2,748.248	+0.000	+20,667.702	+0.000	+0.000
35	+0.000	+2,861.115	+0.000	+21,516.495	+0.000	+0.000
36	+0.000	+2,896.180	+0.000	+21,780.198	+0.000	+0.000
37	+0.000	+2,934.533	+0.000	+22,068.622	+0.000	+0.000
38	+0.000	+2,955.353	+0.000	+22,225.196	+0.000	+0.000
39	+0.000	+2,918.096	+0.000	+21,945.012	+0.000	+0.000
40	+0.000	+2,821.666	+0.000	+21,219.829	+0.000	+0.000
41	+0.000	+2,765.781	+0.000	+20,799.553	+0.000	+0.000
42	+0.000	+2,633.190	+0.000	+19,802.427	+0.000	+0.000



43	+.000	+2,529.090	+.000	+19,019.560	+.000	+.000
44	+.000	+2,349.380	+.000	+17,668.083	+.000	+.000
45	+.000	+2,224.459	+.000	+16,728.642	+.000	+.000
46	+.000	+2,052.420	+.000	+15,434.851	+.000	+.000
47	+.000	+1,796.004	+.000	+13,506.524	+.000	+.000
48	+.000	+1,669.988	+.000	+12,558.843	+.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	+59.325	+0.000	+0.000	+0.000	+0.000	+135,888.464
02	+58.541	+0.000	+0.000	+0.000	+0.000	+123,001.412
03	+58.830	+0.000	+0.000	+0.000	+0.000	+128,994.222
04	+59.697	+0.000	+0.000	+0.000	+0.000	+132,449.441
05	+60.564	+0.000	+0.000	+0.000	+0.000	+146,457.881
06	+59.408	+0.000	+0.000	+0.000	+0.000	+136,860.951
07	+58.169	+0.000	+0.000	+0.000	+0.000	+139,693.945
08	+58.747	+0.000	+0.000	+0.000	+0.000	+155,942.655
09	+59.367	+0.000	+0.000	+0.000	+0.000	+169,844.843
10	+58.541	+0.000	+0.000	+0.000	+0.000	+155,365.842
11	+60.027	+0.000	+0.000	+0.000	+0.000	+145,302.370
12	+64.610	+0.000	+0.000	+0.000	+0.000	+129,233.659
13	+73.692	+0.000	+0.000	+0.000	+0.000	+99,725.392
14	+82.734	+0.000	+0.000	+0.000	+0.000	+62,211.435
15	+92.022	+0.000	+0.000	+0.000	+0.000	+37,678.640
16	+96.935	+0.000	+0.000	+0.000	+0.000	+43,925.088
17	+98.256	+0.000	+0.000	+0.000	+0.000	+37,595.102
18	+97.885	+0.000	+0.000	+0.000	+0.000	+40,316.205
19	+97.967	+0.000	+0.000	+0.000	+0.000	+40,696.782
20	+96.646	+0.000	+0.000	+0.000	+0.000	+43,491.229
21	+95.490	+0.000	+0.000	+0.000	+0.000	+47,004.669
22	+94.706	+0.000	+0.000	+0.000	+0.000	+37,743.026
23	+94.169	+0.000	+0.000	+0.000	+0.000	+35,398.805
24	+93.922	+0.000	+0.000	+0.000	+0.000	+39,127.214
25	+93.674	+0.000	+0.000	+0.000	+0.000	+39,900.403
26	+94.500	+0.000	+0.000	+0.000	+0.000	+57,010.634
27	+93.344	+0.000	+0.000	+0.000	+0.000	+55,499.804
28	+93.302	+0.000	+0.000	+0.000	+0.000	+50,223.476
29	+94.334	+0.000	+0.000	+0.000	+0.000	+51,339.249
30	+95.160	+0.000	+0.000	+0.000	+0.000	+52,163.841
31	+97.059	+0.000	+0.000	+0.000	+0.000	+48,221.784
32	+98.958	+0.000	+0.000	+0.000	+0.000	+54,550.228
33	+100.073	+0.000	+0.000	+0.000	+0.000	+72,146.039
34	+103.541	+0.000	+0.000	+0.000	+0.000	+70,208.607
35	+107.793	+0.000	+0.000	+0.000	+0.000	+63,605.819
36	+109.114	+0.000	+0.000	+0.000	+0.000	+64,691.772
37	+110.559	+0.000	+0.000	+0.000	+0.000	+66,558.292
38	+111.343	+0.000	+0.000	+0.000	+0.000	+59,946.874
39	+109.940	+0.000	+0.000	+0.000	+0.000	+65,638.143
40	+106.307	+0.000	+0.000	+0.000	+0.000	+59,060.461
41	+104.201	+0.000	+0.000	+0.000	+0.000	+57,521.344
42	+99.206	+0.000	+0.000	+0.000	+0.000	+41,746.389



43	+95.284	+.000	+.000	+.000	+.000	+61,634.246
44	+88.513	+.000	+.000	+.000	+.000	+63,856.653
45	+83.807	+.000	+.000	+.000	+.000	+70,705.678
46	+77.325	+.000	+.000	+.000	+.000	+66,457.785
47	+67.665	+.000	+.000	+.000	+.000	+100,231.763
48	+62.917	+.000	+.000	+.000	+.000	+109,129.219