

Date: 19/09/2019

Settlement Day:27/08/2019

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: 149

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+855,367.610	+198,620,014.350
Balancing Services Contract Cost	+681,493.449	+128,782,952.540
Balancing Services Cost Variable	+897,310.800	+46,850,595.055
ESO Incentive Recovery Costs	+40,983.610	+6,106,557.890
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+17,001,968.702
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+122,786,584.960
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+615,134.580
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	+122,786,584.960
Total External Costs	+2,602,571.560	+397,977,223.117
Total Adjusted Energy Volume (MWh)	+1,272,952.180	

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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	+21,389.046	+43,814.718	+2.04847
02	+21,176.695	+44,235.234	+2.08886
03	+20,948.475	+53,446.591	+2.55134
04	+20,583.996	+47,046.401	+2.28558
05	+20,460.803	+43,769.935	+2.13921
06	+20,293.398	+42,117.919	+2.07545
07	+20,239.577	+44,475.871	+2.19747
08	+20,373.936	+46,195.437	+2.26738
09	+20,319.174	+44,553.478	+2.19268
10	+20,305.922	+44,555.289	+2.19420
11	+20,773.027	+45,633.676	+2.19678
12	+21,483.919	+51,111.956	+2.37908
13	+23,020.197	+56,277.213	+2.44469
14	+24,906.225	+67,646.379	+2.71604
15	+26,630.513	+57,533.561	+2.16044
16	+27,943.130	+81,348.024	+2.91120
17	+28,234.771	+79,419.636	+2.81283
18	+28,441.000	+91,069.090	+3.20204
19	+28,122.496	+67,595.839	+2.40362
20	+27,982.561	+67,724.453	+2.42024
21	+27,822.808	+64,284.797	+2.31051
22	+27,830.192	+73,091.457	+2.62634
23	+27,721.524	+71,109.570	+2.56514
24	+27,959.636	+76,491.404	+2.73578
25	+28,191.773	+92,510.397	+3.28147
26	+27,923.411	+83,429.914	+2.98781
27	+28,076.506	+87,150.430	+3.10403
28	+28,116.238	+79,487.959	+2.82712
29	+28,406.187	+84,534.841	+2.97593
30	+28,460.235	+80,213.239	+2.81843
31	+28,625.710	+84,073.675	+2.93700
32	+29,122.731	+81,785.441	+2.80830
33	+29,549.129	+88,327.889	+2.98919
34	+30,165.597	+97,857.771	+3.24402
35	+31,148.125	+109,838.294	+3.52632
36	+31,428.597	+115,188.326	+3.66508
37	+31,387.567	+110,116.327	+3.50828
38	+31,343.361	+95,045.698	+3.03240
39	+31,359.003	+92,719.068	+2.95670
40	+31,065.102	+89,236.136	+2.87255
41	+31,557.056	+98,967.552	+3.13615
42	+31,031.129	+77,489.907	+2.49717

43	+30,516.772	+66,711.182	+2.18605
44	+29,057.355	+65,458.012	+2.25272
45	+27,934.298	+56,215.284	+2.01241
46	+26,313.221	+43,601.320	+1.65701
47	+24,108.191	+71,577.502	+2.96901
48	+23,101.865	+70,575.250	+3.05496

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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	+0.01680	+10,527.12	+11,449.090	+5,165.000	+688.525	+0.000
02	+0.01664	+11,215.47	+11,340.051	+5,165.000	+681.967	+0.000
03	+0.01646	+20,728.14	+11,217.382	+5,165.000	+674.590	+0.000
04	+0.01617	+14,813.40	+11,019.749	+5,165.000	+662.705	+0.000
05	+0.01607	+11,704.33	+10,951.600	+5,165.000	+658.607	+0.000
06	+0.01594	+10,269.93	+10,863.006	+5,165.000	+653.279	+0.000
07	+0.01590	+9,015.34	+10,835.746	+8,844.500	+651.639	+0.000
08	+0.01601	+10,550.77	+10,910.710	+8,844.500	+656.148	+0.000
09	+0.01596	+12,672.01	+10,876.635	+5,165.000	+654.098	+0.000
10	+0.01595	+12,690.56	+10,869.821	+5,165.000	+653.689	+0.000
11	+0.01632	+8,364.83	+11,121.973	+9,949.750	+668.853	+0.000
12	+0.01688	+12,905.69	+11,503.609	+9,949.750	+691.803	+0.000
13	+0.01808	+15,477.44	+12,321.402	+10,534.500	+740.984	+0.000
14	+0.01957	+19,276.04	+13,336.827	+15,610.860	+802.049	+0.000
15	+0.02092	+1,537.03	+14,256.843	+20,977.200	+857.377	+0.000
16	+0.02195	+23,627.31	+14,958.781	+20,977.200	+899.590	+0.000
17	+0.02218	+22,150.55	+15,115.525	+20,140.560	+909.016	+0.000
18	+0.02234	+33,532.17	+15,224.564	+20,140.560	+915.574	+0.000
19	+0.02209	+11,017.00	+15,054.190	+19,600.970	+905.328	+0.000
20	+0.02198	+11,329.75	+14,979.226	+19,600.970	+900.820	+0.000
21	+0.02186	+10,285.15	+14,897.447	+17,406.790	+895.902	+0.000
22	+0.02186	+19,091.81	+14,897.447	+17,406.790	+895.902	+0.000
23	+0.02178	+17,040.37	+14,842.927	+17,610.260	+892.623	+0.000
24	+0.02196	+22,120.89	+14,965.596	+17,610.260	+900.000	+0.000
25	+0.02215	+39,602.84	+15,095.080	+15,829.250	+907.787	+0.000
26	+0.02194	+30,093.89	+14,951.966	+16,609.250	+899.180	+0.000
27	+0.02206	+38,337.78	+15,033.745	+11,885.000	+904.098	+0.000
28	+0.02209	+30,625.09	+15,054.190	+11,885.000	+905.328	+0.000
29	+0.02232	+30,304.13	+15,210.934	+16,867.830	+914.754	+0.000
30	+0.02236	+25,915.57	+15,238.194	+16,867.830	+916.394	+0.000
31	+0.02249	+15,131.19	+15,326.788	+31,295.030	+921.721	+0.000
32	+0.02288	+12,190.11	+15,592.570	+31,295.030	+937.705	+0.000
33	+0.02321	+7,736.48	+15,817.463	+41,738.700	+951.230	+0.000
34	+0.02370	+16,446.12	+16,151.395	+41,738.700	+971.312	+0.000
35	+0.02447	+25,606.38	+16,676.145	+43,270.010	+1,002.869	+0.000
36	+0.02469	+30,588.14	+16,826.073	+43,270.010	+1,011.885	+0.000
37	+0.02466	+21,809.61	+16,805.628	+47,026.760	+1,010.656	+0.000
38	+0.02462	+6,805.94	+16,778.369	+47,026.760	+1,009.016	+0.000
39	+0.02463	+8,616.34	+16,785.184	+42,872.990	+1,009.426	+0.000
40	+0.02440	+5,518.42	+16,628.440	+42,872.990	+1,000.000	+0.000
41	+0.02479	+30,994.36	+16,894.223	+26,475.620	+1,015.984	+0.000
42	+0.02438	+10,203.04	+16,614.810	+26,475.620	+999.180	+0.000

43	+0.02397	+19,975.26	+16,335.398	+6,611.000	+982.377	+.000
44	+0.02283	+20,630.41	+15,558.495	+6,611.000	+935.656	+.000
45	+0.02194	+20,568.51	+14,951.966	-1,080.000	+899.180	+.000
46	+0.02067	+10,080.48	+14,086.470	-1,080.000	+847.131	+.000
47	+0.01894	+22,662.12	+12,907.486	+17,210.500	+776.230	+.000
48	+0.01815	+22,982.30	+12,369.106	+17,210.500	+743.853	+.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	+2,071.233	+0.000	+13,844.393	+0.000	+0.000
02	+0.000	+2,051.507	+0.000	+13,712.542	+0.000	+0.000
03	+0.000	+2,029.315	+0.000	+13,564.209	+0.000	+0.000
04	+0.000	+1,993.562	+0.000	+13,325.229	+0.000	+0.000
05	+0.000	+1,981.233	+0.000	+13,242.822	+0.000	+0.000
06	+0.000	+1,965.205	+0.000	+13,135.692	+0.000	+0.000
07	+0.000	+1,960.274	+0.000	+13,102.730	+0.000	+0.000
08	+0.000	+1,973.836	+0.000	+13,193.377	+0.000	+0.000
09	+0.000	+1,967.671	+0.000	+13,152.174	+0.000	+0.000
10	+0.000	+1,966.438	+0.000	+13,143.933	+0.000	+0.000
11	+0.000	+2,012.055	+0.000	+13,448.839	+0.000	+0.000
12	+0.000	+2,081.096	+0.000	+13,910.319	+0.000	+0.000
13	+0.000	+2,229.041	+0.000	+14,899.204	+0.000	+0.000
14	+0.000	+2,412.740	+0.000	+16,127.070	+0.000	+0.000
15	+0.000	+2,579.178	+0.000	+17,239.566	+0.000	+0.000
16	+0.000	+2,706.164	+0.000	+18,088.359	+0.000	+0.000
17	+0.000	+2,734.521	+0.000	+18,277.896	+0.000	+0.000
18	+0.000	+2,754.247	+0.000	+18,409.747	+0.000	+0.000
19	+0.000	+2,723.425	+0.000	+18,203.729	+0.000	+0.000
20	+0.000	+2,709.863	+0.000	+18,113.081	+0.000	+0.000
21	+0.000	+2,695.068	+0.000	+18,014.193	+0.000	+0.000
22	+0.000	+2,695.068	+0.000	+18,014.193	+0.000	+0.000
23	+0.000	+2,685.205	+0.000	+17,948.267	+0.000	+0.000
24	+0.000	+2,707.397	+0.000	+18,096.600	+0.000	+0.000
25	+0.000	+2,730.822	+0.000	+18,253.174	+0.000	+0.000
26	+0.000	+2,704.932	+0.000	+18,080.119	+0.000	+0.000
27	+0.000	+2,719.726	+0.000	+18,179.007	+0.000	+0.000
28	+0.000	+2,723.425	+0.000	+18,203.729	+0.000	+0.000
29	+0.000	+2,751.781	+0.000	+18,393.266	+0.000	+0.000
30	+0.000	+2,756.712	+0.000	+18,426.228	+0.000	+0.000
31	+0.000	+2,772.740	+0.000	+18,533.358	+0.000	+0.000
32	+0.000	+2,820.822	+0.000	+18,854.745	+0.000	+0.000
33	+0.000	+2,861.507	+0.000	+19,126.689	+0.000	+0.000
34	+0.000	+2,921.918	+0.000	+19,530.484	+0.000	+0.000
35	+0.000	+3,016.849	+0.000	+20,165.018	+0.000	+0.000
36	+0.000	+3,043.973	+0.000	+20,346.314	+0.000	+0.000
37	+0.000	+3,040.274	+0.000	+20,321.592	+0.000	+0.000
38	+0.000	+3,035.342	+0.000	+20,288.629	+0.000	+0.000
39	+0.000	+3,036.575	+0.000	+20,296.870	+0.000	+0.000
40	+0.000	+3,008.219	+0.000	+20,107.333	+0.000	+0.000
41	+0.000	+3,056.301	+0.000	+20,428.721	+0.000	+0.000
42	+0.000	+3,005.753	+0.000	+20,090.852	+0.000	+0.000

43	+.000	+2,955.205	+.000	+19,752.983	+.000	+.000
44	+.000	+2,814.658	+.000	+18,813.542	+.000	+.000
45	+.000	+2,704.932	+.000	+18,080.119	+.000	+.000
46	+.000	+2,548.356	+.000	+17,033.548	+.000	+.000
47	+.000	+2,335.068	+.000	+15,607.905	+.000	+.000
48	+.000	+2,237.671	+.000	+14,956.889	+.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	+69.357	+0.000	+0.000	+0.000	+0.000	+43,814.718
02	+68.697	+0.000	+0.000	+0.000	+0.000	+44,235.234
03	+67.954	+0.000	+0.000	+0.000	+0.000	+53,446.591
04	+66.757	+0.000	+0.000	+0.000	+0.000	+47,046.401
05	+66.344	+0.000	+0.000	+0.000	+0.000	+43,769.935
06	+65.807	+0.000	+0.000	+0.000	+0.000	+42,117.919
07	+65.642	+0.000	+0.000	+0.000	+0.000	+44,475.871
08	+66.096	+0.000	+0.000	+0.000	+0.000	+46,195.437
09	+65.890	+0.000	+0.000	+0.000	+0.000	+44,553.478
10	+65.848	+0.000	+0.000	+0.000	+0.000	+44,555.289
11	+67.376	+0.000	+0.000	+0.000	+0.000	+45,633.676
12	+69.688	+0.000	+0.000	+0.000	+0.000	+51,111.956
13	+74.642	+0.000	+0.000	+0.000	+0.000	+56,277.213
14	+80.793	+0.000	+0.000	+0.000	+0.000	+67,646.379
15	+86.367	+0.000	+0.000	+0.000	+0.000	+57,533.561
16	+90.619	+0.000	+0.000	+0.000	+0.000	+81,348.024
17	+91.568	+0.000	+0.000	+0.000	+0.000	+79,419.636
18	+92.229	+0.000	+0.000	+0.000	+0.000	+91,069.090
19	+91.197	+0.000	+0.000	+0.000	+0.000	+67,595.839
20	+90.743	+0.000	+0.000	+0.000	+0.000	+67,724.453
21	+90.247	+0.000	+0.000	+0.000	+0.000	+64,284.797
22	+90.247	+0.000	+0.000	+0.000	+0.000	+73,091.457
23	+89.917	+0.000	+0.000	+0.000	+0.000	+71,109.570
24	+90.660	+0.000	+0.000	+0.000	+0.000	+76,491.404
25	+91.445	+0.000	+0.000	+0.000	+0.000	+92,510.397
26	+90.578	+0.000	+0.000	+0.000	+0.000	+83,429.914
27	+91.073	+0.000	+0.000	+0.000	+0.000	+87,150.430
28	+91.197	+0.000	+0.000	+0.000	+0.000	+79,487.959
29	+92.146	+0.000	+0.000	+0.000	+0.000	+84,534.841
30	+92.311	+0.000	+0.000	+0.000	+0.000	+80,213.239
31	+92.848	+0.000	+0.000	+0.000	+0.000	+84,073.675
32	+94.458	+0.000	+0.000	+0.000	+0.000	+81,785.441
33	+95.821	+0.000	+0.000	+0.000	+0.000	+88,327.889
34	+97.844	+0.000	+0.000	+0.000	+0.000	+97,857.771
35	+101.022	+0.000	+0.000	+0.000	+0.000	+109,838.294
36	+101.931	+0.000	+0.000	+0.000	+0.000	+115,188.326
37	+101.807	+0.000	+0.000	+0.000	+0.000	+110,116.327
38	+101.642	+0.000	+0.000	+0.000	+0.000	+95,045.698
39	+101.683	+0.000	+0.000	+0.000	+0.000	+92,719.068
40	+100.733	+0.000	+0.000	+0.000	+0.000	+89,236.136
41	+102.344	+0.000	+0.000	+0.000	+0.000	+98,967.552
42	+100.651	+0.000	+0.000	+0.000	+0.000	+77,489.907

43	+98.958	+.000	+.000	+.000	+.000	+66,711.182
44	+94.252	+.000	+.000	+.000	+.000	+65,458.012
45	+90.578	+.000	+.000	+.000	+.000	+56,215.284
46	+85.334	+.000	+.000	+.000	+.000	+43,601.320
47	+78.192	+.000	+.000	+.000	+.000	+71,577.502
48	+74.931	+.000	+.000	+.000	+.000	+70,575.250