

Date: 31/07/2019

Settlement Day:08/07/2019

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: 99

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+371,161.520	+128,833,129.670
Balancing Services Contract Cost	+896,933.158	+85,975,316.495
Balancing Services Cost Variable	+140,982.380	+24,051,136.755
ESO Incentive Recovery Costs	+40,983.610	+4,057,377.390
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+65,361.438	+10,947,883.689
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+81,583,032.960
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+408,713.580
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	+81,583,032.960
Total External Costs	+1,519,550.526	+254,273,557.579
Total Adjusted Energy Volume (MWh)	+1,208,528.010	

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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	+19,599.738	+42,123.468	+2.14919
02	+18,977.944	+33,552.189	+1.76796
03	+19,165.251	+38,960.956	+2.03290
04	+18,866.155	+39,515.666	+2.09453
05	+18,674.429	+43,880.400	+2.34976
06	+18,536.758	+46,648.637	+2.51655
07	+18,542.987	+49,515.997	+2.67034
08	+18,545.627	+47,088.082	+2.53904
09	+18,512.894	+40,143.928	+2.16843
10	+18,558.832	+41,680.877	+2.24588
11	+18,864.137	+38,239.386	+2.02709
12	+19,967.904	+46,685.611	+2.33803
13	+21,676.456	+34,882.219	+1.60922
14	+23,707.200	+42,064.412	+1.77433
15	+26,247.509	+34,366.075	+1.30931
16	+27,501.438	+42,993.402	+1.56331
17	+28,174.917	+56,165.874	+1.99347
18	+28,173.702	+52,544.854	+1.86503
19	+28,307.478	+48,763.607	+1.72264
20	+28,046.448	+44,775.887	+1.59649
21	+27,610.080	+41,417.125	+1.50007
22	+27,456.479	+44,664.603	+1.62674
23	+27,279.098	+48,168.021	+1.76575
24	+27,078.518	+53,095.665	+1.96080
25	+27,042.570	+53,293.040	+1.97071
26	+26,829.621	+52,066.554	+1.94064
27	+26,708.839	+48,532.856	+1.81711
28	+26,603.015	+47,122.463	+1.77132
29	+26,636.053	+40,773.348	+1.53076
30	+26,620.617	+40,987.973	+1.53971
31	+26,919.029	+40,787.008	+1.51517
32	+27,726.528	+42,014.098	+1.51530
33	+28,228.222	+54,957.488	+1.94690
34	+28,659.905	+58,686.825	+2.04770
35	+29,165.199	+57,786.536	+1.98135
36	+29,254.805	+79,239.084	+2.70858
37	+29,439.146	+68,738.566	+2.33494
38	+29,497.840	+66,303.430	+2.24774
39	+29,463.651	+59,947.096	+2.03461
40	+29,575.035	+68,638.128	+2.32081
41	+29,345.121	+62,826.698	+2.14096
42	+28,905.621	+54,641.016	+1.89032

43	+28,580.029	+57,373.047	+2.00745
44	+28,104.645	+47,043.411	+1.67387
45	+27,243.531	+43,629.087	+1.60145
46	+25,492.744	+34,818.604	+1.36582
47	+23,003.392	+56,646.780	+2.46254
48	+21,410.873	+54,849.804	+2.56177

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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	+0.01622	+12,421.70	+14,548.256	-4.800	+664.754	+0.000
02	+0.01570	+4,802.79	+14,081.851	-4.800	+643.443	+0.000
03	+0.01586	+9,625.72	+14,225.360	+288.000	+650.000	+0.000
04	+0.01561	+10,638.30	+14,001.127	+288.000	+639.754	+0.000
05	+0.01545	+14,684.07	+13,857.617	+900.000	+633.197	+0.000
06	+0.01534	+17,653.77	+13,758.955	+900.000	+628.689	+0.000
07	+0.01534	+20,691.38	+13,758.955	+729.750	+628.689	+0.000
08	+0.01535	+18,245.15	+13,767.924	+729.750	+629.098	+0.000
09	+0.01532	+11,821.44	+13,741.016	+264.250	+627.869	+0.000
10	+0.01536	+13,285.13	+13,776.893	+264.250	+629.508	+0.000
11	+0.01561	+7,048.02	+14,001.127	+2,602.000	+639.754	+0.000
12	+0.01652	+13,827.60	+14,817.336	+2,602.000	+677.049	+0.000
13	+0.01794	-3,617.49	+16,090.981	+5,643.000	+735.246	+0.000
14	+0.01962	-4,523.45	+17,597.829	+10,654.270	+804.098	+0.000
15	+0.02172	-10,424.89	+19,481.388	+5,011.270	+890.164	+0.000
16	+0.02276	-3,702.30	+20,414.199	+5,011.270	+932.787	+0.000
17	+0.02331	+8,462.86	+20,907.512	+5,011.270	+955.328	+0.000
18	+0.02331	+4,841.84	+20,907.512	+5,011.270	+955.328	+0.000
19	+0.02342	+859.13	+21,006.175	+5,011.270	+959.836	+0.000
20	+0.02321	-2,743.98	+20,817.819	+5,011.270	+951.230	+0.000
21	+0.02285	-5,443.41	+20,494.923	+5,011.270	+936.475	+0.000
22	+0.02272	-1,957.84	+20,378.321	+5,011.270	+931.148	+0.000
23	+0.02257	+1,820.30	+20,243.781	+5,011.270	+925.000	+0.000
24	+0.02241	+7,040.98	+20,100.272	+5,011.270	+918.443	+0.000
25	+0.02238	+7,293.30	+20,073.364	+5,011.270	+917.213	+0.000
26	+0.02220	+6,396.48	+19,911.916	+5,011.270	+909.836	+0.000
27	+0.02210	+3,045.93	+19,822.223	+5,011.270	+905.738	+0.000
28	+0.02201	+1,800.37	+19,741.499	+5,011.270	+902.049	+0.000
29	+0.02204	+407.58	+19,768.407	+0.000	+903.279	+0.000
30	+0.02203	+640.52	+19,759.437	+0.000	+902.869	+0.000
31	+0.02227	+0.00	+19,974.701	+0.000	+912.705	+0.000
32	+0.02294	+0.00	+20,575.647	+0.000	+940.164	+0.000
33	+0.02336	+7,162.90	+20,952.359	+5,011.270	+957.377	+0.000
34	+0.02371	+10,251.22	+21,266.285	+5,011.270	+971.721	+0.000
35	+0.02413	+8,581.71	+21,642.997	+5,011.270	+988.935	+0.000
36	+0.02421	+29,887.74	+21,714.752	+5,011.270	+992.213	+0.000
37	+0.02436	+24,123.77	+21,849.292	+0.000	+998.361	+0.000
38	+0.02441	+21,597.06	+21,894.138	+0.000	+1,000.410	+0.000
39	+0.02438	+15,295.67	+21,867.230	+0.000	+999.180	+0.000
40	+0.02447	+18,810.60	+21,947.954	+5,011.270	+1,002.869	+0.000
41	+0.02428	+13,347.15	+21,777.537	+5,011.270	+995.082	+0.000
42	+0.02392	+5,820.80	+21,454.641	+5,011.270	+980.328	+0.000

43	+0.02365	+9,047.33	+21,212.469	+5,011.270	+969.262	+.000
44	+0.02326	-568.03	+20,862.665	+5,011.270	+953.279	+.000
45	+0.02254	+2,347.58	+20,216.873	+.000	+923.771	+.000
46	+0.02109	-3,807.26	+18,916.320	+.000	+864.344	+.000
47	+0.01903	+21,860.01	+17,068.638	-66.250	+779.918	+.000
48	+0.01772	+22,462.27	+15,893.656	-66.250	+726.230	+.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	+1,060.163	+0.000	+13,366.432	+0.000	+0.000
02	+0.000	+1,026.175	+0.000	+12,937.915	+0.000	+0.000
03	+0.000	+1,036.632	+0.000	+13,069.767	+0.000	+0.000
04	+0.000	+1,020.292	+0.000	+12,863.749	+0.000	+0.000
05	+0.000	+1,009.834	+0.000	+12,731.898	+0.000	+0.000
06	+0.000	+1,002.644	+0.000	+12,641.250	+0.000	+0.000
07	+0.000	+1,002.644	+0.000	+12,641.250	+0.000	+0.000
08	+0.000	+1,003.298	+0.000	+12,649.490	+0.000	+0.000
09	+0.000	+1,001.337	+0.000	+12,624.768	+0.000	+0.000
10	+0.000	+1,003.952	+0.000	+12,657.731	+0.000	+0.000
11	+0.000	+1,020.292	+0.000	+12,863.749	+0.000	+0.000
12	+0.000	+1,079.771	+0.000	+13,613.654	+0.000	+0.000
13	+0.000	+1,172.584	+0.000	+14,783.834	+0.000	+0.000
14	+0.000	+1,282.391	+0.000	+16,168.274	+0.000	+0.000
15	+0.000	+1,419.650	+0.000	+17,898.823	+0.000	+0.000
16	+0.000	+1,487.626	+0.000	+18,755.857	+0.000	+0.000
17	+0.000	+1,523.575	+0.000	+19,209.096	+0.000	+0.000
18	+0.000	+1,523.575	+0.000	+19,209.096	+0.000	+0.000
19	+0.000	+1,530.765	+0.000	+19,299.744	+0.000	+0.000
20	+0.000	+1,517.039	+0.000	+19,126.689	+0.000	+0.000
21	+0.000	+1,493.509	+0.000	+18,830.023	+0.000	+0.000
22	+0.000	+1,485.012	+0.000	+18,722.894	+0.000	+0.000
23	+0.000	+1,475.208	+0.000	+18,599.283	+0.000	+0.000
24	+0.000	+1,464.750	+0.000	+18,467.432	+0.000	+0.000
25	+0.000	+1,462.789	+0.000	+18,442.710	+0.000	+0.000
26	+0.000	+1,451.024	+0.000	+18,294.377	+0.000	+0.000
27	+0.000	+1,444.488	+0.000	+18,211.970	+0.000	+0.000
28	+0.000	+1,438.605	+0.000	+18,137.804	+0.000	+0.000
29	+0.000	+1,440.566	+0.000	+18,162.526	+0.000	+0.000
30	+0.000	+1,439.912	+0.000	+18,154.285	+0.000	+0.000
31	+0.000	+1,455.599	+0.000	+18,352.062	+0.000	+0.000
32	+0.000	+1,499.391	+0.000	+18,904.190	+0.000	+0.000
33	+0.000	+1,526.843	+0.000	+19,250.299	+0.000	+0.000
34	+0.000	+1,549.720	+0.000	+19,538.724	+0.000	+0.000
35	+0.000	+1,577.171	+0.000	+19,884.834	+0.000	+0.000
36	+0.000	+1,582.400	+0.000	+19,950.760	+0.000	+0.000
37	+0.000	+1,592.205	+0.000	+20,074.371	+0.000	+0.000
38	+0.000	+1,595.473	+0.000	+20,115.574	+0.000	+0.000
39	+0.000	+1,593.512	+0.000	+20,090.852	+0.000	+0.000
40	+0.000	+1,599.394	+0.000	+20,165.018	+0.000	+0.000
41	+0.000	+1,586.976	+0.000	+20,008.445	+0.000	+0.000
42	+0.000	+1,563.446	+0.000	+19,711.779	+0.000	+0.000

43	+.000	+1,545.798	+.000	+19,489.280	+.000	+.000
44	+.000	+1,520.307	+.000	+19,167.892	+.000	+.000
45	+.000	+1,473.247	+.000	+18,574.561	+.000	+.000
46	+.000	+1,378.473	+.000	+17,379.658	+.000	+.000
47	+.000	+1,243.828	+.000	+15,682.072	+.000	+.000
48	+.000	+1,158.205	+.000	+14,602.539	+.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	+66.963	+0.000	+0.000	+0.000	+0.000	+42,123.468
02	+64.816	+0.000	+0.000	+0.000	+0.000	+33,552.189
03	+65.477	+0.000	+0.000	+0.000	+0.000	+38,960.956
04	+64.445	+0.000	+0.000	+0.000	+0.000	+39,515.666
05	+63.784	+0.000	+0.000	+0.000	+0.000	+43,880.400
06	+63.330	+0.000	+0.000	+0.000	+0.000	+46,648.637
07	+63.330	+0.000	+0.000	+0.000	+0.000	+49,515.997
08	+63.371	+0.000	+0.000	+0.000	+0.000	+47,088.082
09	+63.247	+0.000	+0.000	+0.000	+0.000	+40,143.928
10	+63.413	+0.000	+0.000	+0.000	+0.000	+41,680.877
11	+64.445	+0.000	+0.000	+0.000	+0.000	+38,239.386
12	+68.201	+0.000	+0.000	+0.000	+0.000	+46,685.611
13	+74.064	+0.000	+0.000	+0.000	+0.000	+34,882.219
14	+81.000	+0.000	+0.000	+0.000	+0.000	+42,064.412
15	+89.669	+0.000	+0.000	+0.000	+0.000	+34,366.075
16	+93.963	+0.000	+0.000	+0.000	+0.000	+42,993.402
17	+96.233	+0.000	+0.000	+0.000	+0.000	+56,165.874
18	+96.233	+0.000	+0.000	+0.000	+0.000	+52,544.854
19	+96.688	+0.000	+0.000	+0.000	+0.000	+48,763.607
20	+95.821	+0.000	+0.000	+0.000	+0.000	+44,775.887
21	+94.334	+0.000	+0.000	+0.000	+0.000	+41,417.125
22	+93.798	+0.000	+0.000	+0.000	+0.000	+44,664.603
23	+93.178	+0.000	+0.000	+0.000	+0.000	+48,168.021
24	+92.518	+0.000	+0.000	+0.000	+0.000	+53,095.665
25	+92.394	+0.000	+0.000	+0.000	+0.000	+53,293.040
26	+91.651	+0.000	+0.000	+0.000	+0.000	+52,066.554
27	+91.238	+0.000	+0.000	+0.000	+0.000	+48,532.856
28	+90.867	+0.000	+0.000	+0.000	+0.000	+47,122.463
29	+90.990	+0.000	+0.000	+0.000	+0.000	+40,773.348
30	+90.949	+0.000	+0.000	+0.000	+0.000	+40,987.973
31	+91.940	+0.000	+0.000	+0.000	+0.000	+40,787.008
32	+94.706	+0.000	+0.000	+0.000	+0.000	+42,014.098
33	+96.440	+0.000	+0.000	+0.000	+0.000	+54,957.488
34	+97.885	+0.000	+0.000	+0.000	+0.000	+58,686.825
35	+99.619	+0.000	+0.000	+0.000	+0.000	+57,786.536
36	+99.949	+0.000	+0.000	+0.000	+0.000	+79,239.084
37	+100.568	+0.000	+0.000	+0.000	+0.000	+68,738.566
38	+100.775	+0.000	+0.000	+0.000	+0.000	+66,303.430
39	+100.651	+0.000	+0.000	+0.000	+0.000	+59,947.096
40	+101.022	+0.000	+0.000	+0.000	+0.000	+68,638.128
41	+100.238	+0.000	+0.000	+0.000	+0.000	+62,826.698
42	+98.752	+0.000	+0.000	+0.000	+0.000	+54,641.016

43	+97.637	+.000	+.000	+.000	+.000	+57,373.047
44	+96.027	+.000	+.000	+.000	+.000	+47,043.411
45	+93.055	+.000	+.000	+.000	+.000	+43,629.087
46	+87.068	+.000	+.000	+.000	+.000	+34,818.604
47	+78.564	+.000	+.000	+.000	+.000	+56,646.780
48	+73.156	+.000	+.000	+.000	+.000	+54,849.804