

Date: 08/08/2019

Settlement Day:16/07/2019

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: 107

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+124,736.490	+130,933,271.800
Balancing Services Contract Cost	+1,030,740.305	+93,929,856.648
Balancing Services Cost Variable	+457,564.600	+26,896,566.405
ESO Incentive Recovery Costs	+40,983.610	+4,385,246.270
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+121,275.138	+11,841,714.813
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+88,175,601.280
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+441,740.940
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	+88,175,601.280
Total External Costs	+1,779,428.563	+268,428,396.876
Total Adjusted Energy Volume (MWh)	+1,194,786.193	

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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	+20,698.706	+54,505.528	+2.63328
02	+19,959.197	+51,891.007	+2.59985
03	+19,406.196	+49,471.554	+2.54927
04	+19,195.257	+47,641.860	+2.48196
05	+19,041.079	+50,052.344	+2.62865
06	+19,050.272	+46,642.684	+2.44840
07	+19,002.787	+46,130.276	+2.42755
08	+18,907.349	+46,961.590	+2.48377
09	+18,886.586	+42,188.108	+2.23376
10	+18,643.859	+42,946.677	+2.30353
11	+18,890.353	+44,788.808	+2.37099
12	+19,686.265	+49,224.022	+2.50042
13	+21,735.587	+56,619.481	+2.60492
14	+23,795.321	+66,397.854	+2.79037
15	+26,194.873	+57,824.961	+2.20749
16	+27,041.727	+57,640.352	+2.13153
17	+27,453.228	+58,395.292	+2.12708
18	+27,413.432	+53,371.314	+1.94690
19	+27,113.706	+56,788.014	+2.09444
20	+26,903.414	+40,824.991	+1.51747
21	+26,705.511	+40,177.577	+1.50447
22	+26,514.206	+45,659.255	+1.72207
23	+26,573.371	+42,702.635	+1.60697
24	+26,658.943	+46,260.209	+1.73526
25	+26,649.592	+56,311.577	+2.11304
26	+26,407.375	+49,165.517	+1.86181
27	+26,300.034	+44,010.689	+1.67341
28	+26,017.874	+34,182.544	+1.31381
29	+26,049.047	+41,843.618	+1.60634
30	+26,161.644	+47,876.457	+1.83002
31	+26,196.268	+50,838.673	+1.94068
32	+26,840.900	+50,198.161	+1.87021
33	+27,372.062	+61,610.208	+2.25084
34	+27,934.143	+67,459.881	+2.41496
35	+28,567.703	+75,669.246	+2.64877
36	+28,772.057	+77,977.400	+2.71018
37	+28,823.778	+67,094.498	+2.32775
38	+29,050.889	+63,013.516	+2.16907
39	+28,852.147	+68,302.134	+2.36732
40	+28,681.093	+66,148.626	+2.30635
41	+28,702.441	+64,893.318	+2.26090
42	+28,346.103	+64,998.579	+2.29303

43	+27,788.785	+74,136.617	+2.66786
44	+27,477.067	+71,557.116	+2.60425
45	+26,928.463	+49,765.614	+1.84807
46	+25,496.861	+33,824.106	+1.32660
47	+23,778.543	+62,760.240	+2.63936
48	+22,120.099	+64,694.234	+2.92468

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	System Operator Balancing Mechanism	Balancing Services Contract Cost(£)	Balancing Services Cost Variable(£)	ESO Incentive Recovery Costs	Black Start Capital Costs
		Costs(£)				
01	+0.01732	+422.12	+17,852.422	+19,076.250	+709.836	+0.000
02	+0.01671	-959.47	+17,223.670	+19,076.250	+684.836	+0.000
03	+0.01624	-2,702.21	+16,739.223	+19,349.500	+665.574	+0.000
04	+0.01607	-4,188.30	+16,563.997	+19,349.500	+658.607	+0.000
05	+0.01594	-1,783.31	+16,430.000	+19,617.750	+653.279	+0.000
06	+0.01594	-5,192.97	+16,430.000	+19,617.750	+653.279	+0.000
07	+0.01590	-5,810.15	+16,388.771	+19,803.370	+651.639	+0.000
08	+0.01582	-4,817.14	+16,306.312	+19,803.370	+648.361	+0.000
09	+0.01581	-9,172.91	+16,296.004	+19,405.870	+647.951	+0.000
10	+0.01560	-7,989.89	+16,079.549	+19,405.870	+639.344	+0.000
11	+0.01581	-5,785.21	+16,296.004	+18,618.870	+647.951	+0.000
12	+0.01648	-2,704.20	+16,986.600	+18,618.870	+675.410	+0.000
13	+0.01819	-2,157.87	+18,749.166	+22,011.750	+745.492	+0.000
14	+0.01992	-885.69	+20,532.347	+27,021.270	+816.394	+0.000
15	+0.02192	+8,510.77	+22,593.827	+5,009.520	+898.361	+0.000
16	+0.02263	+6,891.11	+23,325.653	+5,009.520	+927.459	+0.000
17	+0.02298	+6,938.63	+23,686.412	+5,009.520	+941.803	+0.000
18	+0.02294	+1,995.50	+23,645.183	+5,009.520	+940.164	+0.000
19	+0.02269	+5,917.50	+23,387.498	+5,009.520	+929.918	+0.000
20	+0.02252	-9,701.92	+23,212.272	+5,009.520	+922.951	+0.000
21	+0.02235	-10,005.73	+23,037.046	+5,009.520	+915.984	+0.000
22	+0.02219	-4,200.66	+22,872.127	+5,009.520	+909.426	+0.000
23	+0.02224	-7,258.34	+22,923.664	+5,009.520	+911.475	+0.000
24	+0.02231	-3,842.25	+22,995.816	+5,009.520	+914.344	+0.000
25	+0.02230	+6,229.33	+22,985.509	+5,009.520	+913.935	+0.000
26	+0.02210	-512.49	+22,779.361	+5,009.520	+905.738	+0.000
27	+0.02201	-5,485.41	+22,686.594	+5,009.520	+902.049	+0.000
28	+0.02178	-14,848.68	+22,449.524	+5,009.520	+892.623	+0.000
29	+0.02180	-2,218.51	+22,470.139	+0.000	+893.443	+0.000
30	+0.02190	+3,612.21	+22,573.213	+0.000	+897.541	+0.000
31	+0.02193	+6,513.79	+22,604.135	+0.000	+898.771	+0.000
32	+0.02247	+4,781.83	+23,160.735	+0.000	+920.902	+0.000
33	+0.02291	+10,295.03	+23,614.260	+5,009.520	+938.935	+0.000
34	+0.02338	+15,194.74	+24,098.708	+5,009.520	+958.197	+0.000
35	+0.02391	+22,332.87	+24,645.001	+5,009.520	+979.918	+0.000
36	+0.02408	+24,297.42	+24,820.227	+5,009.520	+986.885	+0.000
37	+0.02412	+18,343.19	+24,861.456	+0.000	+988.525	+0.000
38	+0.02431	+13,878.18	+25,057.297	+0.000	+996.312	+0.000
39	+0.02415	+19,490.19	+24,892.378	+0.000	+989.754	+0.000
40	+0.02401	+12,610.13	+24,748.075	+5,009.520	+984.016	+0.000
41	+0.02402	+11,334.61	+24,758.382	+5,009.520	+984.426	+0.000
42	+0.02372	+12,046.23	+24,449.160	+5,009.520	+972.131	+0.000

43	+0.02326	+22,114.02	+23,975.019	+5,009.520	+953.279	+.000
44	+0.02300	+20,060.03	+23,707.027	+5,009.520	+942.623	+.000
45	+0.02254	+4,207.80	+23,232.886	+.000	+923.771	+.000
46	+0.02134	-9,308.27	+21,995.998	+.000	+874.590	+.000
47	+0.01990	-8,246.31	+20,511.732	+30,784.700	+815.574	+.000
48	+0.01851	-3,502.85	+19,079.003	+30,784.700	+758.607	+.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	+2,100.485	+0.000	+14,272.910	+0.000	+0.000
02	+0.000	+2,026.508	+0.000	+13,770.227	+0.000	+0.000
03	+0.000	+1,969.508	+0.000	+13,382.914	+0.000	+0.000
04	+0.000	+1,948.891	+0.000	+13,242.822	+0.000	+0.000
05	+0.000	+1,933.126	+0.000	+13,135.692	+0.000	+0.000
06	+0.000	+1,933.126	+0.000	+13,135.692	+0.000	+0.000
07	+0.000	+1,928.275	+0.000	+13,102.730	+0.000	+0.000
08	+0.000	+1,918.573	+0.000	+13,036.804	+0.000	+0.000
09	+0.000	+1,917.360	+0.000	+13,028.563	+0.000	+0.000
10	+0.000	+1,891.892	+0.000	+12,855.508	+0.000	+0.000
11	+0.000	+1,917.360	+0.000	+13,028.563	+0.000	+0.000
12	+0.000	+1,998.614	+0.000	+13,580.691	+0.000	+0.000
13	+0.000	+2,205.995	+0.000	+14,989.852	+0.000	+0.000
14	+0.000	+2,415.801	+0.000	+16,415.495	+0.000	+0.000
15	+0.000	+2,658.351	+0.000	+18,063.637	+0.000	+0.000
16	+0.000	+2,744.456	+0.000	+18,648.728	+0.000	+0.000
17	+0.000	+2,786.903	+0.000	+18,937.152	+0.000	+0.000
18	+0.000	+2,782.052	+0.000	+18,904.190	+0.000	+0.000
19	+0.000	+2,751.733	+0.000	+18,698.172	+0.000	+0.000
20	+0.000	+2,731.116	+0.000	+18,558.080	+0.000	+0.000
21	+0.000	+2,710.499	+0.000	+18,417.988	+0.000	+0.000
22	+0.000	+2,691.095	+0.000	+18,286.136	+0.000	+0.000
23	+0.000	+2,697.159	+0.000	+18,327.340	+0.000	+0.000
24	+0.000	+2,705.648	+0.000	+18,385.025	+0.000	+0.000
25	+0.000	+2,704.436	+0.000	+18,376.784	+0.000	+0.000
26	+0.000	+2,680.181	+0.000	+18,211.970	+0.000	+0.000
27	+0.000	+2,669.266	+0.000	+18,137.804	+0.000	+0.000
28	+0.000	+2,641.373	+0.000	+17,948.267	+0.000	+0.000
29	+0.000	+2,643.798	+0.000	+17,964.749	+0.000	+0.000
30	+0.000	+2,655.926	+0.000	+18,047.156	+0.000	+0.000
31	+0.000	+2,659.564	+0.000	+18,071.878	+0.000	+0.000
32	+0.000	+2,725.052	+0.000	+18,516.876	+0.000	+0.000
33	+0.000	+2,778.413	+0.000	+18,879.468	+0.000	+0.000
34	+0.000	+2,835.413	+0.000	+19,266.781	+0.000	+0.000
35	+0.000	+2,899.689	+0.000	+19,703.539	+0.000	+0.000
36	+0.000	+2,920.305	+0.000	+19,843.631	+0.000	+0.000
37	+0.000	+2,925.156	+0.000	+19,876.593	+0.000	+0.000
38	+0.000	+2,948.199	+0.000	+20,033.167	+0.000	+0.000
39	+0.000	+2,928.795	+0.000	+19,901.316	+0.000	+0.000
40	+0.000	+2,911.816	+0.000	+19,785.946	+0.000	+0.000
41	+0.000	+2,913.029	+0.000	+19,794.186	+0.000	+0.000
42	+0.000	+2,876.646	+0.000	+19,546.965	+0.000	+0.000

43	+.000	+2,820.860	+.000	+19,167.892	+.000	+.000
44	+.000	+2,789.328	+.000	+18,953.634	+.000	+.000
45	+.000	+2,733.542	+.000	+18,574.561	+.000	+.000
46	+.000	+2,588.011	+.000	+17,585.676	+.000	+.000
47	+.000	+2,413.375	+.000	+16,399.014	+.000	+.000
48	+.000	+2,244.803	+.000	+15,253.555	+.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	+71.504	+0.000	+0.000	+0.000	+0.000	+54,505.528
02	+68.986	+0.000	+0.000	+0.000	+0.000	+51,891.007
03	+67.046	+0.000	+0.000	+0.000	+0.000	+49,471.554
04	+66.344	+0.000	+0.000	+0.000	+0.000	+47,641.860
05	+65.807	+0.000	+0.000	+0.000	+0.000	+50,052.344
06	+65.807	+0.000	+0.000	+0.000	+0.000	+46,642.684
07	+65.642	+0.000	+0.000	+0.000	+0.000	+46,130.276
08	+65.312	+0.000	+0.000	+0.000	+0.000	+46,961.590
09	+65.270	+0.000	+0.000	+0.000	+0.000	+42,188.108
10	+64.403	+0.000	+0.000	+0.000	+0.000	+42,946.677
11	+65.270	+0.000	+0.000	+0.000	+0.000	+44,788.808
12	+68.036	+0.000	+0.000	+0.000	+0.000	+49,224.022
13	+75.096	+0.000	+0.000	+0.000	+0.000	+56,619.481
14	+82.238	+0.000	+0.000	+0.000	+0.000	+66,397.854
15	+90.495	+0.000	+0.000	+0.000	+0.000	+57,824.961
16	+93.426	+0.000	+0.000	+0.000	+0.000	+57,640.352
17	+94.871	+0.000	+0.000	+0.000	+0.000	+58,395.292
18	+94.706	+0.000	+0.000	+0.000	+0.000	+53,371.314
19	+93.674	+0.000	+0.000	+0.000	+0.000	+56,788.014
20	+92.972	+0.000	+0.000	+0.000	+0.000	+40,824.991
21	+92.270	+0.000	+0.000	+0.000	+0.000	+40,177.577
22	+91.610	+0.000	+0.000	+0.000	+0.000	+45,659.255
23	+91.816	+0.000	+0.000	+0.000	+0.000	+42,702.635
24	+92.105	+0.000	+0.000	+0.000	+0.000	+46,260.209
25	+92.064	+0.000	+0.000	+0.000	+0.000	+56,311.577
26	+91.238	+0.000	+0.000	+0.000	+0.000	+49,165.517
27	+90.867	+0.000	+0.000	+0.000	+0.000	+44,010.689
28	+89.917	+0.000	+0.000	+0.000	+0.000	+34,182.544
29	+90.000	+0.000	+0.000	+0.000	+0.000	+41,843.618
30	+90.412	+0.000	+0.000	+0.000	+0.000	+47,876.457
31	+90.536	+0.000	+0.000	+0.000	+0.000	+50,838.673
32	+92.766	+0.000	+0.000	+0.000	+0.000	+50,198.161
33	+94.582	+0.000	+0.000	+0.000	+0.000	+61,610.208
34	+96.522	+0.000	+0.000	+0.000	+0.000	+67,459.881
35	+98.711	+0.000	+0.000	+0.000	+0.000	+75,669.246
36	+99.412	+0.000	+0.000	+0.000	+0.000	+77,977.400
37	+99.577	+0.000	+0.000	+0.000	+0.000	+67,094.498
38	+100.362	+0.000	+0.000	+0.000	+0.000	+63,013.516
39	+99.701	+0.000	+0.000	+0.000	+0.000	+68,302.134
40	+99.123	+0.000	+0.000	+0.000	+0.000	+66,148.626
41	+99.165	+0.000	+0.000	+0.000	+0.000	+64,893.318
42	+97.926	+0.000	+0.000	+0.000	+0.000	+64,998.579



43	+96.027	+ .000	+ .000	+ .000	+ .000	+74,136.617
44	+94.954	+ .000	+ .000	+ .000	+ .000	+71,557.116
45	+93.055	+ .000	+ .000	+ .000	+ .000	+49,765.614
46	+88.100	+ .000	+ .000	+ .000	+ .000	+33,824.106
47	+82.156	+ .000	+ .000	+ .000	+ .000	+62,760.240
48	+76.417	+ .000	+ .000	+ .000	+ .000	+64,694.234