

Date: 03/09/2020

Settlement Day:15/07/2019

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 106

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	-333,506.690	+131,536,363.460
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	-339,443.740	+129,936,940.210
Balancing Services Contract Cost	+702,537.897	+97,088,413.756
Balancing Services Cost Variable	+487,415.680	+26,680,747.000
ESO Incentive Recovery Costs	+45,112.030	+4,781,875.180
Black Start Capital Costs	+0.000	+33,683.220
Black Start Testing Costs	+0.000	+173,226.822
Black Start Availability Costs	+123,241.440	+12,051,486.097
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+87,351,530.240
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+668,639.520
EMR Incentive Revenue	+0.000	+0.000
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	+87,351,530.240
Total External Costs	+1,025,171.227	+271,415,011.805
Total Adjusted Energy Volume (MWh)	+1,190,435.524	

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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	+19,358.987	+51,178.646	+2.64366
02	+18,670.640	+37,052.509	+1.98453
03	+18,585.765	+38,592.090	+2.07643
04	+18,584.192	+40,064.820	+2.15585
05	+18,351.358	+37,696.478	+2.05415
06	+18,067.541	+35,989.254	+1.99193
07	+18,193.803	+34,798.131	+1.91264
08	+18,210.719	+37,407.686	+2.05416
09	+18,308.000	+36,885.548	+2.01472
10	+18,267.276	+36,421.540	+1.99381
11	+18,594.318	+46,222.523	+2.48584
12	+19,528.942	+45,448.643	+2.32725
13	+21,265.867	+48,048.678	+2.25943
14	+23,573.735	+47,906.562	+2.03220
15	+26,058.007	+32,047.037	+1.22983
16	+27,536.568	+51,909.363	+1.88511
17	+28,018.637	+35,473.554	+1.26607
18	+28,090.593	+37,788.930	+1.34525
19	+28,155.179	+47,860.493	+1.69988
20	+27,878.356	+41,161.131	+1.47645
21	+27,536.904	+34,121.673	+1.23913
22	+27,436.507	+35,018.911	+1.27636
23	+27,220.629	+44,316.982	+1.62807
24	+27,006.678	+37,717.334	+1.39659
25	+26,955.006	+36,308.250	+1.34699
26	+26,678.380	+33,569.718	+1.25831
27	+26,361.506	+26,574.835	+1.00809
28	+26,110.388	+27,280.478	+1.04481
29	+26,022.143	+22,665.849	+0.87102
30	+25,938.093	+22,746.810	+0.87697
31	+26,176.207	+20,262.084	+0.77406
32	+26,521.904	+23,986.023	+0.90439
33	+26,848.842	+26,339.126	+0.98102
34	+27,532.796	+38,393.913	+1.39448
35	+28,204.410	+41,106.214	+1.45744
36	+28,612.313	+49,133.799	+1.71723
37	+28,827.959	+45,991.317	+1.59537
38	+29,014.174	+45,523.178	+1.56900
39	+29,171.875	+47,858.156	+1.64056
40	+29,183.310	+51,381.616	+1.76065
41	+28,886.355	+47,403.881	+1.64105
42	+28,431.644	+39,685.415	+1.39582

43	+27,983.189	+35,260.585	+1.26006
44	+27,448.806	+37,745.224	+1.37511
45	+26,760.153	+35,317.747	+1.31979
46	+25,145.866	+23,453.529	+0.93270
47	+23,317.259	+51,416.186	+2.20507
48	+21,803.745	+48,726.832	+2.23479

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	Cashflow SO BM Cost (£)	Cashflow SO RR Cost (£)	Total SO Cashflow Cost (£)	Balancing Services Contract Cost (£)	Balancing Services Cost Variable (£)
01	+0.01626	+4,232.00	+0.00	+4,195.37	+11,423.266	+19,320.620
02	+0.01568	-8,944.03	+0.00	-8,944.03	+11,015.794	+19,320.620
03	+0.01561	-7,169.55	+0.00	-7,194.86	+10,966.617	+19,230.120
04	+0.01561	-5,720.91	+0.00	-5,722.13	+10,966.617	+19,230.120
05	+0.01542	-8,615.49	+0.00	-8,619.11	+10,833.134	+20,082.000
06	+0.01518	-9,911.76	+0.00	-9,918.03	+10,664.525	+20,082.000
07	+0.01528	-11,205.89	+0.00	-11,214.65	+10,734.779	+20,017.370
08	+0.01530	-8,634.65	+0.00	-8,639.12	+10,748.830	+20,017.370
09	+0.01538	-8,316.62	+0.00	-8,317.11	+10,805.033	+19,037.120
10	+0.01535	-8,729.60	+0.00	-8,730.08	+10,783.957	+19,037.120
11	+0.01562	-4,398.65	+0.00	-4,423.32	+10,973.642	+24,072.000
12	+0.01640	-6,457.87	+0.00	-6,524.19	+11,521.622	+24,072.000
13	+0.01786	-7,514.45	+0.00	-7,821.01	+12,547.327	+25,485.000
14	+0.01980	-16,077.75	+0.00	-16,159.11	+13,910.250	+30,380.520
15	+0.02189	-22,965.65	+0.00	-22,974.54	+15,378.555	+17,780.770
16	+0.02313	-4,950.72	+0.00	-5,221.79	+16,249.702	+17,780.770
17	+0.02354	-9,469.87	+0.00	-9,469.87	+16,537.742	+4,895.520
18	+0.02360	-7,210.32	+0.00	-7,256.57	+16,579.894	+4,895.520
19	+0.02365	+3,697.57	+0.00	+2,729.93	+16,615.021	+4,895.520
20	+0.02342	-3,004.20	+0.00	-3,578.14	+16,453.438	+4,895.520
21	+0.02313	-10,123.09	+0.00	-10,124.23	+16,249.702	+4,895.520
22	+0.02305	-9,090.89	+0.00	-9,090.89	+16,193.499	+4,895.520
23	+0.02287	+513.94	+0.00	+513.41	+16,067.042	+4,895.520
24	+0.02269	-5,780.01	+0.00	-5,780.01	+15,940.585	+4,895.520
25	+0.02264	-7,104.03	+0.00	-7,104.03	+15,905.458	+4,895.520
26	+0.02241	-9,451.27	+0.00	-9,451.27	+15,743.874	+4,895.520
27	+0.02214	-15,986.81	+0.00	-15,986.81	+15,554.189	+4,895.520
28	+0.02193	-14,923.87	+0.00	-14,923.90	+15,406.656	+4,895.520
29	+0.02186	-14,523.92	+0.00	-14,523.92	+15,357.478	+0.000
30	+0.02179	-14,323.87	+0.00	-14,323.87	+15,308.301	+0.000
31	+0.02199	-17,148.85	+0.00	-17,148.85	+15,448.808	+0.000
32	+0.02228	-13,878.82	+0.00	-13,918.28	+15,652.544	+0.000
33	+0.02255	-16,845.60	+0.00	-16,920.04	+15,842.230	+4,895.520
34	+0.02313	-4,834.32	+0.00	-5,851.99	+16,249.702	+4,895.520
35	+0.02369	-3,847.46	+0.00	-4,092.40	+16,643.123	+4,895.520
36	+0.02404	+3,386.42	+0.00	+3,339.74	+16,889.011	+4,895.520
37	+0.02422	+5,159.38	+0.00	+4,786.55	+17,015.468	+0.000
38	+0.02437	+4,359.22	+0.00	+4,063.22	+17,120.849	+0.000
39	+0.02451	+6,243.32	+0.00	+6,160.02	+17,219.204	+0.000
40	+0.02451	+4,788.03	+0.00	+4,787.96	+17,219.204	+4,895.520
41	+0.02427	+1,218.74	+0.00	+1,218.53	+17,050.595	+4,895.520
42	+0.02388	-5,806.45	+0.00	-5,836.44	+16,776.605	+4,895.520

43	+0.02351	-9,619.82	+.00	-9,631.80	+16,516.666	+4,895.520
44	+0.02306	-5,762.45	+.00	-6,381.59	+16,200.524	+4,895.520
45	+0.02248	-2,501.06	+.00	-2,926.81	+15,793.052	+.000
46	+0.02112	-12,434.97	+.00	-12,477.30	+14,837.600	+.000
47	+0.01959	-6,573.22	+.00	-6,743.82	+13,762.717	+24,832.120
48	+0.01832	-7,246.55	+.00	-7,272.56	+12,870.494	+24,832.120

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	ESO Incentive Recovery Costs	Black Start Capital Costs	Black Start Testing Costs	Black Start Availability Costs	Black Start Other Costs	System Operator Internal Costs(£)
01	+733.522	+0.000	+0.000	+2,003.906	+0.000	+13,399.395
02	+707.357	+0.000	+0.000	+1,932.426	+0.000	+12,921.434
03	+704.199	+0.000	+0.000	+1,923.799	+0.000	+12,863.749
04	+704.199	+0.000	+0.000	+1,923.799	+0.000	+12,863.749
05	+695.628	+0.000	+0.000	+1,900.383	+0.000	+12,707.175
06	+684.801	+0.000	+0.000	+1,870.805	+0.000	+12,509.398
07	+689.312	+0.000	+0.000	+1,883.129	+0.000	+12,591.805
08	+690.214	+0.000	+0.000	+1,885.594	+0.000	+12,608.287
09	+693.823	+0.000	+0.000	+1,895.453	+0.000	+12,674.213
10	+692.470	+0.000	+0.000	+1,891.756	+0.000	+12,649.490
11	+704.650	+0.000	+0.000	+1,925.031	+0.000	+12,871.990
12	+739.837	+0.000	+0.000	+2,021.160	+0.000	+13,514.765
13	+805.701	+0.000	+0.000	+2,201.092	+0.000	+14,717.909
14	+893.218	+0.000	+0.000	+2,440.181	+0.000	+16,316.607
15	+987.502	+0.000	+0.000	+2,697.755	+0.000	+18,038.915
16	+1,043.441	+0.000	+0.000	+2,850.575	+0.000	+19,060.763
17	+1,061.937	+0.000	+0.000	+2,901.103	+0.000	+19,398.632
18	+1,064.644	+0.000	+0.000	+2,908.498	+0.000	+19,448.077
19	+1,066.900	+0.000	+0.000	+2,914.660	+0.000	+19,489.280
20	+1,056.524	+0.000	+0.000	+2,886.315	+0.000	+19,299.744
21	+1,043.441	+0.000	+0.000	+2,850.575	+0.000	+19,060.763
22	+1,039.832	+0.000	+0.000	+2,840.715	+0.000	+18,994.837
23	+1,031.712	+0.000	+0.000	+2,818.532	+0.000	+18,846.505
24	+1,023.592	+0.000	+0.000	+2,796.348	+0.000	+18,698.172
25	+1,021.336	+0.000	+0.000	+2,790.186	+0.000	+18,656.968
26	+1,010.961	+0.000	+0.000	+2,761.841	+0.000	+18,467.432
27	+998.780	+0.000	+0.000	+2,728.565	+0.000	+18,244.933
28	+989.307	+0.000	+0.000	+2,702.685	+0.000	+18,071.878
29	+986.149	+0.000	+0.000	+2,694.058	+0.000	+18,014.193
30	+982.991	+0.000	+0.000	+2,685.431	+0.000	+17,956.508
31	+992.014	+0.000	+0.000	+2,710.079	+0.000	+18,121.322
32	+1,005.096	+0.000	+0.000	+2,745.819	+0.000	+18,360.303
33	+1,017.276	+0.000	+0.000	+2,779.094	+0.000	+18,582.802
34	+1,043.441	+0.000	+0.000	+2,850.575	+0.000	+19,060.763
35	+1,068.704	+0.000	+0.000	+2,919.590	+0.000	+19,522.243
36	+1,084.493	+0.000	+0.000	+2,962.724	+0.000	+19,810.668
37	+1,092.613	+0.000	+0.000	+2,984.908	+0.000	+19,959.001
38	+1,099.380	+0.000	+0.000	+3,003.394	+0.000	+20,082.611
39	+1,105.696	+0.000	+0.000	+3,020.648	+0.000	+20,197.981
40	+1,105.696	+0.000	+0.000	+3,020.648	+0.000	+20,197.981
41	+1,094.869	+0.000	+0.000	+2,991.070	+0.000	+20,000.204
42	+1,077.275	+0.000	+0.000	+2,943.006	+0.000	+19,678.816

43	+1,060.584	+.000	+.000	+2,897.406	+.000	+19,373.910
44	+1,040.283	+.000	+.000	+2,841.948	+.000	+19,003.078
45	+1,014.118	+.000	+.000	+2,770.468	+.000	+18,525.117
46	+952.766	+.000	+.000	+2,602.859	+.000	+17,404.380
47	+883.745	+.000	+.000	+2,414.300	+.000	+16,143.552
48	+826.452	+.000	+.000	+2,257.783	+.000	+15,096.981

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	System Innovation Costs(£)	Prior Year Cost Recovery	EMR Incentive Revenue	Placeholder Column2 30 Charact	Placeholder Column3 30 Charact	Wind forecast Incentive(£)
01	+.000	+102.567	+.000	+.000	+.000	+.000
02	+.000	+98.908	+.000	+.000	+.000	+.000
03	+.000	+98.467	+.000	+.000	+.000	+.000
04	+.000	+98.467	+.000	+.000	+.000	+.000
05	+.000	+97.268	+.000	+.000	+.000	+.000
06	+.000	+95.754	+.000	+.000	+.000	+.000
07	+.000	+96.385	+.000	+.000	+.000	+.000
08	+.000	+96.511	+.000	+.000	+.000	+.000
09	+.000	+97.016	+.000	+.000	+.000	+.000
10	+.000	+96.827	+.000	+.000	+.000	+.000
11	+.000	+98.530	+.000	+.000	+.000	+.000
12	+.000	+103.450	+.000	+.000	+.000	+.000
13	+.000	+112.659	+.000	+.000	+.000	+.000
14	+.000	+124.897	+.000	+.000	+.000	+.000
15	+.000	+138.080	+.000	+.000	+.000	+.000
16	+.000	+145.902	+.000	+.000	+.000	+.000
17	+.000	+148.488	+.000	+.000	+.000	+.000
18	+.000	+148.867	+.000	+.000	+.000	+.000
19	+.000	+149.182	+.000	+.000	+.000	+.000
20	+.000	+147.731	+.000	+.000	+.000	+.000
21	+.000	+145.902	+.000	+.000	+.000	+.000
22	+.000	+145.398	+.000	+.000	+.000	+.000
23	+.000	+144.262	+.000	+.000	+.000	+.000
24	+.000	+143.127	+.000	+.000	+.000	+.000
25	+.000	+142.811	+.000	+.000	+.000	+.000
26	+.000	+141.360	+.000	+.000	+.000	+.000
27	+.000	+139.657	+.000	+.000	+.000	+.000
28	+.000	+138.333	+.000	+.000	+.000	+.000
29	+.000	+137.891	+.000	+.000	+.000	+.000
30	+.000	+137.450	+.000	+.000	+.000	+.000
31	+.000	+138.711	+.000	+.000	+.000	+.000
32	+.000	+140.540	+.000	+.000	+.000	+.000
33	+.000	+142.244	+.000	+.000	+.000	+.000
34	+.000	+145.902	+.000	+.000	+.000	+.000
35	+.000	+149.435	+.000	+.000	+.000	+.000
36	+.000	+151.642	+.000	+.000	+.000	+.000
37	+.000	+152.778	+.000	+.000	+.000	+.000
38	+.000	+153.724	+.000	+.000	+.000	+.000
39	+.000	+154.607	+.000	+.000	+.000	+.000
40	+.000	+154.607	+.000	+.000	+.000	+.000
41	+.000	+153.093	+.000	+.000	+.000	+.000
42	+.000	+150.633	+.000	+.000	+.000	+.000



43	+.000	+148.299	+.000	+.000	+.000	+.000
44	+.000	+145.461	+.000	+.000	+.000	+.000
45	+.000	+141.802	+.000	+.000	+.000	+.000
46	+.000	+133.223	+.000	+.000	+.000	+.000
47	+.000	+123.572	+.000	+.000	+.000	+.000
48	+.000	+115.561	+.000	+.000	+.000	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+ .000	+51,178.646
02	+ .000	+37,052.509
03	+ .000	+38,592.090
04	+ .000	+40,064.820
05	+ .000	+37,696.478
06	+ .000	+35,989.254
07	+ .000	+34,798.131
08	+ .000	+37,407.686
09	+ .000	+36,885.548
10	+ .000	+36,421.540
11	+ .000	+46,222.523
12	+ .000	+45,448.643
13	+ .000	+48,048.678
14	+ .000	+47,906.562
15	+ .000	+32,047.037
16	+ .000	+51,909.363
17	+ .000	+35,473.554
18	+ .000	+37,788.930
19	+ .000	+47,860.493
20	+ .000	+41,161.131
21	+ .000	+34,121.673
22	+ .000	+35,018.911
23	+ .000	+44,316.982
24	+ .000	+37,717.334
25	+ .000	+36,308.250
26	+ .000	+33,569.718
27	+ .000	+26,574.835
28	+ .000	+27,280.478
29	+ .000	+22,665.849
30	+ .000	+22,746.810
31	+ .000	+20,262.084
32	+ .000	+23,986.023
33	+ .000	+26,339.126
34	+ .000	+38,393.913
35	+ .000	+41,106.214
36	+ .000	+49,133.799
37	+ .000	+45,991.317
38	+ .000	+45,523.178
39	+ .000	+47,858.156
40	+ .000	+51,381.616
41	+ .000	+47,403.881
42	+ .000	+39,685.415

43	+.000	+35,260.585
44	+.000	+37,745.224
45	+.000	+35,317.747
46	+.000	+23,453.529
47	+.000	+51,416.186
48	+.000	+48,726.832