

Date: 16/09/2020

Settlement Day:27/07/2019

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: 118

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+983,793.750	+145,722,926.010
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+966,669.950	+143,909,553.720
Balancing Services Contract Cost	+770,876.027	+106,060,286.290
Balancing Services Cost Variable	+459,283.570	+35,383,110.790
ESO Incentive Recovery Costs	+21,207.650	+5,251,506.400
Black Start Capital Costs	+0.000	+33,683.220
Black Start Testing Costs	+0.000	+173,226.822
Black Start Availability Costs	+126,993.600	+13,591,098.187
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+97,240,382.720
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+744,334.560
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	+97,240,382.720
Total External Costs	+2,351,338.717	+305,146,799.989
Total Adjusted Energy Volume (MWh)	+1,095,759.685	

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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	+21,411.156	+50,596.045	+2.36307
02	+20,642.543	+45,789.806	+2.21823
03	+20,647.599	+47,166.306	+2.28435
04	+20,270.773	+46,080.660	+2.27326
05	+20,259.722	+57,099.926	+2.81840
06	+20,199.916	+65,908.368	+3.26280
07	+20,104.094	+69,157.312	+3.43996
08	+19,994.084	+61,597.136	+3.08077
09	+19,877.948	+55,014.426	+2.76761
10	+19,852.709	+46,774.457	+2.35607
11	+19,770.664	+40,116.501	+2.02909
12	+19,692.629	+41,694.659	+2.11727
13	+19,749.552	+42,628.991	+2.15848
14	+20,407.764	+51,949.575	+2.54558
15	+21,827.113	+50,626.768	+2.31944
16	+22,854.456	+69,874.747	+3.05738
17	+23,502.811	+61,927.906	+2.63491
18	+24,290.189	+73,195.705	+3.01339
19	+24,935.545	+69,051.644	+2.76921
20	+25,131.970	+67,761.236	+2.69622
21	+25,373.816	+67,221.446	+2.64924
22	+25,313.620	+70,229.859	+2.77439
23	+24,907.311	+71,679.230	+2.87784
24	+24,550.081	+73,179.960	+2.98084
25	+24,291.899	+67,151.475	+2.76436
26	+24,132.152	+64,709.216	+2.68145
27	+24,057.687	+68,647.749	+2.85346
28	+23,485.717	+81,142.317	+3.45496
29	+23,136.512	+67,597.781	+2.92169
30	+23,043.416	+57,498.475	+2.49522
31	+23,225.301	+61,790.682	+2.66049
32	+23,266.725	+57,832.266	+2.48562
33	+23,523.972	+63,788.385	+2.71163
34	+24,053.090	+70,287.434	+2.92218
35	+24,796.475	+63,293.925	+2.55254
36	+25,030.519	+76,664.850	+3.06286
37	+25,076.411	+68,033.129	+2.71303
38	+25,185.366	+75,412.154	+2.99428
39	+25,066.392	+77,892.789	+3.10746
40	+24,870.423	+71,361.847	+2.86935
41	+24,632.504	+81,739.026	+3.31834
42	+24,152.124	+76,027.255	+3.14785

43	+24,344.958	+90,024.498	+3.69787
44	+24,126.957	+86,865.296	+3.60034
45	+23,334.364	+69,447.048	+2.97617
46	+22,380.546	+68,260.426	+3.04999
47	+21,080.682	+108,761.298	+5.15929
48	+19,897.428	+104,857.765	+5.26992

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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	+0.01954	-5,712.30	+0.00	-5,743.23	+15,062.918	+22,154.900
02	+0.01884	-9,238.87	+0.00	-9,324.85	+14,523.304	+22,154.900
03	+0.01884	-4,988.58	+0.00	-5,349.70	+14,523.304	+19,556.250
04	+0.01850	-5,679.40	+0.00	-5,840.53	+14,261.206	+19,556.250
05	+0.01849	+7,014.43	+0.00	+6,854.98	+14,253.498	+17,897.500
06	+0.01843	+15,889.14	+0.00	+15,768.39	+14,207.245	+17,897.500
07	+0.01835	+19,076.24	+0.00	+18,935.04	+14,145.575	+18,119.750
08	+0.01825	+11,688.81	+0.00	+11,549.81	+14,068.487	+18,119.750
09	+0.01814	+5,215.00	+0.00	+5,177.54	+13,983.691	+18,101.750
10	+0.01812	-2,946.51	+0.00	-3,027.44	+13,968.274	+18,101.750
11	+0.01804	-9,794.92	+0.00	-9,851.81	+13,906.604	+18,408.120
12	+0.01797	-8,052.76	+0.00	-8,151.19	+13,852.642	+18,408.120
13	+0.01802	-11,886.60	+0.00	-12,226.21	+13,891.186	+23,330.000
14	+0.01862	-8,299.51	+0.00	-9,007.84	+14,353.712	+28,382.540
15	+0.01992	-2,815.75	+0.00	-2,974.94	+15,355.850	+18,752.540
16	+0.02086	+15,291.19	+0.00	+14,628.55	+16,080.474	+18,752.540
17	+0.02145	+21,722.56	+0.00	+20,585.43	+16,535.291	+3,816.640
18	+0.02217	+30,848.14	+0.00	+30,593.62	+17,090.322	+3,816.640
19	+0.02276	+25,529.94	+0.00	+25,383.18	+17,545.138	+3,850.840
20	+0.02294	+26,225.38	+0.00	+23,777.87	+17,683.896	+3,850.840
21	+0.02316	+25,852.78	+0.00	+22,822.30	+17,853.489	+3,881.740
22	+0.02310	+26,070.81	+0.00	+25,935.68	+17,807.236	+3,881.740
23	+0.02273	+27,289.04	+0.00	+27,124.55	+17,522.012	+4,789.540
24	+0.02240	+29,333.92	+0.00	+29,202.60	+17,267.623	+4,789.540
25	+0.02217	+23,642.74	+0.00	+23,576.49	+17,090.322	+4,789.540
26	+0.02202	+21,436.26	+0.00	+21,396.65	+16,974.690	+4,789.540
27	+0.02196	+29,973.52	+0.00	+29,737.05	+16,928.438	+492.640
28	+0.02143	+43,202.92	+0.00	+43,158.83	+16,519.873	+492.640
29	+0.02111	+35,232.23	+0.00	+35,146.83	+16,273.193	-4,480.070
30	+0.02103	+25,272.22	+0.00	+25,187.48	+16,211.523	-4,480.070
31	+0.02120	+29,377.37	+0.00	+29,293.78	+16,342.572	-4,591.570
32	+0.02123	+25,812.31	+0.00	+25,282.88	+16,365.698	-4,591.570
33	+0.02147	+23,075.25	+0.00	+23,027.92	+16,550.708	+3,199.640
34	+0.02195	+28,881.88	+0.00	+28,687.23	+16,920.729	+3,199.640
35	+0.02263	+26,841.87	+0.00	+26,619.79	+17,444.924	-2,916.060
36	+0.02284	+39,797.83	+0.00	+39,623.33	+17,606.808	-2,916.060
37	+0.02288	+38,576.82	+0.00	+38,492.62	+17,637.643	-10,487.050
38	+0.02298	+45,947.13	+0.00	+45,696.70	+17,714.731	-10,487.050
39	+0.02288	+48,829.52	+0.00	+48,552.33	+17,637.643	-10,687.100
40	+0.02270	+24,193.01	+0.00	+23,990.00	+17,498.886	+7,659.190
41	+0.02248	+28,275.81	+0.00	+28,086.86	+17,329.293	+14,324.390
42	+0.02204	+23,281.24	+0.00	+23,144.85	+16,990.108	+14,324.390

43	+0.02222	+40,661.24	+ .00	+40,336.24	+17,128.865	+10,815.340
44	+0.02202	+37,607.09	+ .00	+37,526.93	+16,974.690	+10,815.340
45	+0.02130	+25,587.21	+ .00	+25,329.93	+16,419.659	+6,853.700
46	+0.02042	+26,400.22	+ .00	+25,682.83	+15,741.288	+6,853.700
47	+0.01924	+38,985.43	+ .00	+37,132.36	+14,831.655	+37,969.400
48	+0.01816	+35,270.45	+ .00	+35,118.24	+13,999.109	+37,969.400

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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	+414.397	+0.000	+0.000	+2,481.455	+0.000	+16,102.348
02	+399.552	+0.000	+0.000	+2,392.559	+0.000	+15,525.498
03	+399.552	+0.000	+0.000	+2,392.559	+0.000	+15,525.498
04	+392.342	+0.000	+0.000	+2,349.382	+0.000	+15,245.314
05	+392.129	+0.000	+0.000	+2,348.112	+0.000	+15,237.074
06	+390.857	+0.000	+0.000	+2,340.492	+0.000	+15,187.629
07	+389.160	+0.000	+0.000	+2,330.333	+0.000	+15,121.704
08	+387.040	+0.000	+0.000	+2,317.633	+0.000	+15,039.296
09	+384.707	+0.000	+0.000	+2,303.664	+0.000	+14,948.649
10	+384.283	+0.000	+0.000	+2,301.124	+0.000	+14,932.167
11	+382.586	+0.000	+0.000	+2,290.965	+0.000	+14,866.242
12	+381.101	+0.000	+0.000	+2,282.075	+0.000	+14,808.557
13	+382.162	+0.000	+0.000	+2,288.425	+0.000	+14,849.760
14	+394.886	+0.000	+0.000	+2,364.621	+0.000	+15,344.203
15	+422.456	+0.000	+0.000	+2,529.713	+0.000	+16,415.495
16	+442.392	+0.000	+0.000	+2,649.086	+0.000	+17,190.122
17	+454.904	+0.000	+0.000	+2,724.013	+0.000	+17,676.324
18	+470.174	+0.000	+0.000	+2,815.448	+0.000	+18,269.655
19	+482.686	+0.000	+0.000	+2,890.374	+0.000	+18,755.857
20	+486.503	+0.000	+0.000	+2,913.233	+0.000	+18,904.190
21	+491.169	+0.000	+0.000	+2,941.172	+0.000	+19,085.485
22	+489.897	+0.000	+0.000	+2,933.552	+0.000	+19,036.041
23	+482.050	+0.000	+0.000	+2,886.565	+0.000	+18,731.135
24	+475.051	+0.000	+0.000	+2,844.657	+0.000	+18,459.191
25	+470.174	+0.000	+0.000	+2,815.448	+0.000	+18,269.655
26	+466.992	+0.000	+0.000	+2,796.399	+0.000	+18,146.044
27	+465.720	+0.000	+0.000	+2,788.779	+0.000	+18,096.600
28	+454.480	+0.000	+0.000	+2,721.473	+0.000	+17,659.842
29	+447.693	+0.000	+0.000	+2,680.835	+0.000	+17,396.140
30	+445.997	+0.000	+0.000	+2,670.675	+0.000	+17,330.214
31	+449.602	+0.000	+0.000	+2,692.264	+0.000	+17,470.306
32	+450.238	+0.000	+0.000	+2,696.074	+0.000	+17,495.028
33	+455.328	+0.000	+0.000	+2,726.553	+0.000	+17,692.805
34	+465.508	+0.000	+0.000	+2,787.510	+0.000	+18,088.359
35	+479.929	+0.000	+0.000	+2,873.865	+0.000	+18,648.728
36	+484.383	+0.000	+0.000	+2,900.534	+0.000	+18,821.783
37	+485.231	+0.000	+0.000	+2,905.614	+0.000	+18,854.745
38	+487.352	+0.000	+0.000	+2,918.313	+0.000	+18,937.152
39	+485.231	+0.000	+0.000	+2,905.614	+0.000	+18,854.745
40	+481.414	+0.000	+0.000	+2,882.755	+0.000	+18,706.413
41	+476.748	+0.000	+0.000	+2,854.816	+0.000	+18,525.117
42	+467.417	+0.000	+0.000	+2,798.939	+0.000	+18,162.526

43	+471.234	+.000	+.000	+2,821.798	+.000	+18,310.859
44	+466.992	+.000	+.000	+2,796.399	+.000	+18,146.044
45	+451.723	+.000	+.000	+2,704.964	+.000	+17,552.713
46	+433.060	+.000	+.000	+2,593.209	+.000	+16,827.531
47	+408.035	+.000	+.000	+2,443.357	+.000	+15,855.127
48	+385.131	+.000	+.000	+2,306.204	+.000	+14,965.130

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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	+123.257	+.000	+.000	+.000	+.000
02	+.000	+118.841	+.000	+.000	+.000	+.000
03	+.000	+118.841	+.000	+.000	+.000	+.000
04	+.000	+116.697	+.000	+.000	+.000	+.000
05	+.000	+116.633	+.000	+.000	+.000	+.000
06	+.000	+116.255	+.000	+.000	+.000	+.000
07	+.000	+115.750	+.000	+.000	+.000	+.000
08	+.000	+115.120	+.000	+.000	+.000	+.000
09	+.000	+114.426	+.000	+.000	+.000	+.000
10	+.000	+114.300	+.000	+.000	+.000	+.000
11	+.000	+113.795	+.000	+.000	+.000	+.000
12	+.000	+113.353	+.000	+.000	+.000	+.000
13	+.000	+113.669	+.000	+.000	+.000	+.000
14	+.000	+117.453	+.000	+.000	+.000	+.000
15	+.000	+125.654	+.000	+.000	+.000	+.000
16	+.000	+131.583	+.000	+.000	+.000	+.000
17	+.000	+135.305	+.000	+.000	+.000	+.000
18	+.000	+139.847	+.000	+.000	+.000	+.000
19	+.000	+143.568	+.000	+.000	+.000	+.000
20	+.000	+144.704	+.000	+.000	+.000	+.000
21	+.000	+146.091	+.000	+.000	+.000	+.000
22	+.000	+145.713	+.000	+.000	+.000	+.000
23	+.000	+143.379	+.000	+.000	+.000	+.000
24	+.000	+141.297	+.000	+.000	+.000	+.000
25	+.000	+139.847	+.000	+.000	+.000	+.000
26	+.000	+138.900	+.000	+.000	+.000	+.000
27	+.000	+138.522	+.000	+.000	+.000	+.000
28	+.000	+135.179	+.000	+.000	+.000	+.000
29	+.000	+133.160	+.000	+.000	+.000	+.000
30	+.000	+132.656	+.000	+.000	+.000	+.000
31	+.000	+133.728	+.000	+.000	+.000	+.000
32	+.000	+133.917	+.000	+.000	+.000	+.000
33	+.000	+135.431	+.000	+.000	+.000	+.000
34	+.000	+138.459	+.000	+.000	+.000	+.000
35	+.000	+142.748	+.000	+.000	+.000	+.000
36	+.000	+144.073	+.000	+.000	+.000	+.000
37	+.000	+144.325	+.000	+.000	+.000	+.000
38	+.000	+144.956	+.000	+.000	+.000	+.000
39	+.000	+144.325	+.000	+.000	+.000	+.000
40	+.000	+143.190	+.000	+.000	+.000	+.000
41	+.000	+141.802	+.000	+.000	+.000	+.000
42	+.000	+139.027	+.000	+.000	+.000	+.000



43	+.000	+140.162	+.000	+.000	+.000	+.000
44	+.000	+138.900	+.000	+.000	+.000	+.000
45	+.000	+134.359	+.000	+.000	+.000	+.000
46	+.000	+128.808	+.000	+.000	+.000	+.000
47	+.000	+121.364	+.000	+.000	+.000	+.000
48	+.000	+114.552	+.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(£)	Total Period BSUoS charges(£)
01	+ .000	+50,596.045
02	+ .000	+45,789.806
03	+ .000	+47,166.306
04	+ .000	+46,080.660
05	+ .000	+57,099.926
06	+ .000	+65,908.368
07	+ .000	+69,157.312
08	+ .000	+61,597.136
09	+ .000	+55,014.426
10	+ .000	+46,774.457
11	+ .000	+40,116.501
12	+ .000	+41,694.659
13	+ .000	+42,628.991
14	+ .000	+51,949.575
15	+ .000	+50,626.768
16	+ .000	+69,874.747
17	+ .000	+61,927.906
18	+ .000	+73,195.705
19	+ .000	+69,051.644
20	+ .000	+67,761.236
21	+ .000	+67,221.446
22	+ .000	+70,229.859
23	+ .000	+71,679.230
24	+ .000	+73,179.960
25	+ .000	+67,151.475
26	+ .000	+64,709.216
27	+ .000	+68,647.749
28	+ .000	+81,142.317
29	+ .000	+67,597.781
30	+ .000	+57,498.475
31	+ .000	+61,790.682
32	+ .000	+57,832.266
33	+ .000	+63,788.385
34	+ .000	+70,287.434
35	+ .000	+63,293.925
36	+ .000	+76,664.850
37	+ .000	+68,033.129
38	+ .000	+75,412.154
39	+ .000	+77,892.789
40	+ .000	+71,361.847
41	+ .000	+81,739.026
42	+ .000	+76,027.255

43	+.000	+90,024.498
44	+.000	+86,865.296
45	+.000	+69,447.048
46	+.000	+68,260.426
47	+.000	+108,761.298
48	+.000	+104,857.765