

Date: 22/01/2020

Settlement Day:28/11/2018

SAA Run Number:07

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:18/19

Internal Scheme Name:2018/2019

Internal Scheme Day: 242

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+3,365,617.120	+50,373,577.820
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+3,322,510.930	+392,479,709.220
Balancing Services Contract Cost	+1,177,670.175	+238,740,197.585
Balancing Services Cost Variable	+1,118,749.555	+102,696,344.945
ESO Incentive Recovery Costs	+41,095.890	+9,945,205.380
Black Start Capital Costs	+0.000	+1,736,729.790
Black Start Testing Costs	+0.000	+390,085.780
Black Start Availability Costs	+123,234.710	+26,469,139.470
Black Start Other Costs	+0.000	+3,677,764.890
System Operator Internal Costs	+529,458.360	+128,128,923.120
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+2,296.840	+555,835.280
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	+529,458.360	+128,128,923.120
Total External Costs	+5,785,558.100	+776,691,012.340
Total Adjusted Energy Volume (MWh)	+1,517,270.497	

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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	+24,968.586	+124,448.968	+4.98422
02	+25,304.176	+150,749.185	+5.95748
03	+25,013.741	+142,044.301	+5.67865
04	+24,692.371	+129,397.985	+5.24040
05	+24,644.381	+127,557.632	+5.17593
06	+24,391.009	+108,612.721	+4.45298
07	+24,477.389	+108,588.424	+4.43627
08	+24,313.454	+116,781.421	+4.80316
09	+24,379.633	+127,634.324	+5.23528
10	+24,176.570	+136,931.248	+5.66380
11	+24,576.122	+153,026.617	+6.22664
12	+25,356.334	+146,670.192	+5.78436
13	+27,392.664	+154,851.185	+5.65302
14	+29,926.580	+158,152.138	+5.28467
15	+33,441.596	+147,916.702	+4.42314
16	+34,853.117	+148,950.175	+4.27365
17	+35,248.951	+143,048.691	+4.05824
18	+35,202.122	+128,431.219	+3.64839
19	+35,614.271	+129,046.773	+3.62346
20	+35,831.660	+125,235.156	+3.49510
21	+35,920.787	+126,105.244	+3.51065
22	+35,861.762	+125,370.156	+3.49593
23	+35,878.313	+122,171.014	+3.40515
24	+35,599.360	+115,752.720	+3.25154
25	+35,590.754	+123,499.360	+3.46998
26	+35,523.599	+127,022.752	+3.57573
27	+35,137.866	+123,956.488	+3.52772
28	+34,914.492	+117,149.525	+3.35533
29	+35,057.689	+119,763.781	+3.41619
30	+34,975.971	+119,068.155	+3.40428
31	+34,998.510	+98,008.425	+2.80036
32	+36,386.912	+134,272.943	+3.69014
33	+37,330.646	+116,162.112	+3.11171
34	+38,633.024	+151,825.682	+3.92995
35	+38,909.419	+139,219.658	+3.57805
36	+38,717.187	+106,882.877	+2.76061
37	+38,298.823	+108,136.596	+2.82350
38	+37,683.419	+108,090.653	+2.86839
39	+36,699.830	+145,229.882	+3.95724
40	+35,376.654	+145,240.094	+4.10554
41	+34,205.939	+128,712.115	+3.76286
42	+32,701.273	+121,733.346	+3.72259

43	+30,904.662	+142,681.324	+4.61682
44	+28,859.704	+108,481.014	+3.75891
45	+27,351.437	+142,224.900	+5.19991
46	+25,360.893	+140,902.462	+5.55590
47	+23,672.307	+161,652.248	+6.82875
48	+22,914.538	+187,588.400	+8.18644

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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	+0.01646	+95,683.34	+0.00	+95,620.07	+19,384.451	-2,013.125
02	+0.01668	+121,539.56	+0.00	+121,508.06	+19,643.539	-2,013.125
03	+0.01649	+113,169.27	+0.00	+113,159.19	+19,419.781	-2,013.125
04	+0.01627	+101,100.26	+0.00	+100,925.10	+19,160.694	-2,013.125
05	+0.01624	+99,283.36	+0.00	+99,140.96	+19,125.364	-2,013.125
06	+0.01608	+81,158.66	+0.00	+80,495.85	+18,936.936	-2,013.125
07	+0.01613	+75,965.41	+0.00	+75,836.49	+18,995.820	+2,528.250
08	+0.01602	+85,858.15	+0.00	+84,235.60	+18,866.276	+2,528.250
09	+0.01607	+90,972.63	+0.00	+89,874.94	+18,925.160	+7,648.125
10	+0.01593	+100,226.43	+0.00	+99,434.19	+18,760.286	+7,648.125
11	+0.01620	+89,063.48	+0.00	+87,834.24	+19,078.257	+34,837.530
12	+0.01671	+81,459.41	+0.00	+80,522.20	+19,678.869	+34,837.530
13	+0.01805	+80,336.60	+0.00	+78,668.03	+21,256.947	+42,361.860
14	+0.01972	+83,273.14	+0.00	+78,839.81	+23,223.656	+42,361.860
15	+0.02204	+72,821.61	+0.00	+68,206.51	+25,955.851	+38,412.610
16	+0.02297	+71,902.53	+0.00	+67,497.39	+27,051.084	+38,412.610
17	+0.02323	+62,304.18	+0.00	+57,742.73	+27,357.278	+41,778.610
18	+0.02320	+45,133.32	+0.00	+43,181.47	+27,321.948	+41,778.610
19	+0.02347	+44,609.52	+0.00	+44,414.29	+27,639.919	+40,655.430
20	+0.02362	+40,423.66	+0.00	+40,321.61	+27,816.570	+40,655.430
21	+0.02367	+41,295.84	+0.00	+41,098.01	+27,875.453	+40,655.430
22	+0.02364	+39,910.34	+0.00	+39,562.73	+27,840.123	+41,511.835
23	+0.02365	+36,443.87	+0.00	+36,344.85	+27,851.900	+41,511.835
24	+0.02346	+30,414.68	+0.00	+30,282.57	+27,628.142	+41,511.835
25	+0.02346	+38,167.80	+0.00	+38,029.21	+27,628.142	+41,511.835
26	+0.02341	+41,824.31	+0.00	+41,646.29	+27,569.259	+41,511.835
27	+0.02316	+32,107.63	+0.00	+31,897.95	+27,274.841	+48,662.350
28	+0.02301	+25,687.06	+0.00	+25,372.05	+27,098.191	+48,662.350
29	+0.02311	+28,840.84	+0.00	+27,413.70	+27,215.958	+49,047.580
30	+0.02305	+27,324.57	+0.00	+26,830.50	+27,145.298	+49,047.580
31	+0.02307	+6,535.07	+0.00	+5,818.87	+27,168.851	+48,962.005
32	+0.02398	+41,752.38	+0.00	+40,378.27	+28,240.531	+48,962.005
33	+0.02460	+63,763.42	+0.00	+61,236.92	+28,970.686	+8,830.795
34	+0.02546	+96,336.33	+0.00	+95,289.06	+29,983.483	+8,830.795
35	+0.02564	+82,896.96	+0.00	+82,345.76	+30,195.463	+8,830.795
36	+0.02552	+50,521.24	+0.00	+50,233.83	+30,054.143	+8,830.795
37	+0.02524	+52,214.44	+0.00	+52,012.20	+29,724.395	+8,830.795
38	+0.02484	+53,048.22	+0.00	+52,715.76	+29,253.327	+8,830.795
39	+0.02419	+91,576.52	+0.00	+91,072.93	+28,487.842	+8,830.795
40	+0.02332	+93,024.23	+0.00	+92,713.31	+27,463.268	+8,830.795
41	+0.02254	+78,261.55	+0.00	+77,646.86	+26,544.686	+8,830.795
42	+0.02155	+80,642.93	+0.00	+80,497.50	+25,378.792	+856.405

43	+0.02037	+103,928.01	+.00	+103,656.51	+23,989.141	+856.405
44	+0.01902	+72,240.98	+.00	+71,985.77	+22,399.287	+856.405
45	+0.01803	+78,850.98	+.00	+78,465.42	+21,233.393	+29,975.660
46	+0.01671	+80,630.24	+.00	+79,616.34	+19,678.869	+29,975.660
47	+0.01560	+117,127.95	+.00	+117,008.00	+18,371.655	+15,413.655
48	+0.01510	+143,964.21	+.00	+143,881.03	+17,782.820	+15,413.655

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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	+676.438	+0.000	+0.000	+2,028.443	+0.000	+8,714.885
02	+685.479	+0.000	+0.000	+2,055.555	+0.000	+8,831.365
03	+677.671	+0.000	+0.000	+2,032.140	+0.000	+8,730.768
04	+668.630	+0.000	+0.000	+2,005.029	+0.000	+8,614.288
05	+667.397	+0.000	+0.000	+2,001.332	+0.000	+8,598.404
06	+660.822	+0.000	+0.000	+1,981.614	+0.000	+8,513.690
07	+662.877	+0.000	+0.000	+1,987.776	+0.000	+8,540.163
08	+658.356	+0.000	+0.000	+1,974.220	+0.000	+8,481.923
09	+660.411	+0.000	+0.000	+1,980.382	+0.000	+8,508.396
10	+654.658	+0.000	+0.000	+1,963.129	+0.000	+8,434.272
11	+665.753	+0.000	+0.000	+1,996.402	+0.000	+8,577.225
12	+686.712	+0.000	+0.000	+2,059.252	+0.000	+8,847.249
13	+741.781	+0.000	+0.000	+2,224.387	+0.000	+9,556.723
14	+810.411	+0.000	+0.000	+2,430.188	+0.000	+10,440.919
15	+905.753	+0.000	+0.000	+2,716.093	+0.000	+11,669.262
16	+943.973	+0.000	+0.000	+2,830.701	+0.000	+12,161.659
17	+954.658	+0.000	+0.000	+2,862.742	+0.000	+12,299.318
18	+953.425	+0.000	+0.000	+2,859.045	+0.000	+12,283.434
19	+964.521	+0.000	+0.000	+2,892.319	+0.000	+12,426.388
20	+970.685	+0.000	+0.000	+2,910.804	+0.000	+12,505.806
21	+972.740	+0.000	+0.000	+2,916.966	+0.000	+12,532.279
22	+971.507	+0.000	+0.000	+2,913.269	+0.000	+12,516.396
23	+971.918	+0.000	+0.000	+2,914.501	+0.000	+12,521.690
24	+964.110	+0.000	+0.000	+2,891.086	+0.000	+12,421.093
25	+964.110	+0.000	+0.000	+2,891.086	+0.000	+12,421.093
26	+962.055	+0.000	+0.000	+2,884.925	+0.000	+12,394.620
27	+951.781	+0.000	+0.000	+2,854.116	+0.000	+12,262.256
28	+945.616	+0.000	+0.000	+2,835.631	+0.000	+12,182.837
29	+949.726	+0.000	+0.000	+2,847.954	+0.000	+12,235.783
30	+947.260	+0.000	+0.000	+2,840.560	+0.000	+12,204.015
31	+948.082	+0.000	+0.000	+2,843.025	+0.000	+12,214.604
32	+985.479	+0.000	+0.000	+2,955.168	+0.000	+12,696.411
33	+1,010.959	+0.000	+0.000	+3,031.574	+0.000	+13,024.676
34	+1,046.301	+0.000	+0.000	+3,137.556	+0.000	+13,480.010
35	+1,053.699	+0.000	+0.000	+3,159.738	+0.000	+13,575.312
36	+1,048.767	+0.000	+0.000	+3,144.950	+0.000	+13,511.777
37	+1,037.260	+0.000	+0.000	+3,110.444	+0.000	+13,363.529
38	+1,020.822	+0.000	+0.000	+3,061.150	+0.000	+13,151.746
39	+994.110	+0.000	+0.000	+2,981.048	+0.000	+12,807.598
40	+958.356	+0.000	+0.000	+2,873.833	+0.000	+12,346.969
41	+926.301	+0.000	+0.000	+2,777.710	+0.000	+11,933.991
42	+885.616	+0.000	+0.000	+2,655.708	+0.000	+11,409.828

43	+837.123	+.000	+.000	+2,510.291	+.000	+10,785.067
44	+781.644	+.000	+.000	+2,343.924	+.000	+10,070.298
45	+740.959	+.000	+.000	+2,221.922	+.000	+9,546.134
46	+686.712	+.000	+.000	+2,059.252	+.000	+8,847.249
47	+641.096	+.000	+.000	+1,922.461	+.000	+8,259.550
48	+620.548	+.000	+.000	+1,860.844	+.000	+7,994.821

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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	+0.000	+37.806	+0.000	+0.000	+0.000	+0.000
02	+0.000	+38.311	+0.000	+0.000	+0.000	+0.000
03	+0.000	+37.875	+0.000	+0.000	+0.000	+0.000
04	+0.000	+37.370	+0.000	+0.000	+0.000	+0.000
05	+0.000	+37.301	+0.000	+0.000	+0.000	+0.000
06	+0.000	+36.933	+0.000	+0.000	+0.000	+0.000
07	+0.000	+37.048	+0.000	+0.000	+0.000	+0.000
08	+0.000	+36.795	+0.000	+0.000	+0.000	+0.000
09	+0.000	+36.910	+0.000	+0.000	+0.000	+0.000
10	+0.000	+36.589	+0.000	+0.000	+0.000	+0.000
11	+0.000	+37.209	+0.000	+0.000	+0.000	+0.000
12	+0.000	+38.380	+0.000	+0.000	+0.000	+0.000
13	+0.000	+41.458	+0.000	+0.000	+0.000	+0.000
14	+0.000	+45.294	+0.000	+0.000	+0.000	+0.000
15	+0.000	+50.622	+0.000	+0.000	+0.000	+0.000
16	+0.000	+52.758	+0.000	+0.000	+0.000	+0.000
17	+0.000	+53.356	+0.000	+0.000	+0.000	+0.000
18	+0.000	+53.287	+0.000	+0.000	+0.000	+0.000
19	+0.000	+53.907	+0.000	+0.000	+0.000	+0.000
20	+0.000	+54.251	+0.000	+0.000	+0.000	+0.000
21	+0.000	+54.366	+0.000	+0.000	+0.000	+0.000
22	+0.000	+54.297	+0.000	+0.000	+0.000	+0.000
23	+0.000	+54.320	+0.000	+0.000	+0.000	+0.000
24	+0.000	+53.884	+0.000	+0.000	+0.000	+0.000
25	+0.000	+53.884	+0.000	+0.000	+0.000	+0.000
26	+0.000	+53.769	+0.000	+0.000	+0.000	+0.000
27	+0.000	+53.195	+0.000	+0.000	+0.000	+0.000
28	+0.000	+52.850	+0.000	+0.000	+0.000	+0.000
29	+0.000	+53.080	+0.000	+0.000	+0.000	+0.000
30	+0.000	+52.942	+0.000	+0.000	+0.000	+0.000
31	+0.000	+52.988	+0.000	+0.000	+0.000	+0.000
32	+0.000	+55.078	+0.000	+0.000	+0.000	+0.000
33	+0.000	+56.502	+0.000	+0.000	+0.000	+0.000
34	+0.000	+58.478	+0.000	+0.000	+0.000	+0.000
35	+0.000	+58.891	+0.000	+0.000	+0.000	+0.000
36	+0.000	+58.615	+0.000	+0.000	+0.000	+0.000
37	+0.000	+57.972	+0.000	+0.000	+0.000	+0.000
38	+0.000	+57.054	+0.000	+0.000	+0.000	+0.000
39	+0.000	+55.561	+0.000	+0.000	+0.000	+0.000
40	+0.000	+53.562	+0.000	+0.000	+0.000	+0.000
41	+0.000	+51.771	+0.000	+0.000	+0.000	+0.000
42	+0.000	+49.497	+0.000	+0.000	+0.000	+0.000



43	+.000	+46.787	+.000	+.000	+.000	+.000
44	+.000	+43.686	+.000	+.000	+.000	+.000
45	+.000	+41.412	+.000	+.000	+.000	+.000
46	+.000	+38.380	+.000	+.000	+.000	+.000
47	+.000	+35.831	+.000	+.000	+.000	+.000
48	+.000	+34.682	+.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	+124,448.968
02	+ .000	+150,749.185
03	+ .000	+142,044.301
04	+ .000	+129,397.985
05	+ .000	+127,557.632
06	+ .000	+108,612.721
07	+ .000	+108,588.424
08	+ .000	+116,781.421
09	+ .000	+127,634.324
10	+ .000	+136,931.248
11	+ .000	+153,026.617
12	+ .000	+146,670.192
13	+ .000	+154,851.185
14	+ .000	+158,152.138
15	+ .000	+147,916.702
16	+ .000	+148,950.175
17	+ .000	+143,048.691
18	+ .000	+128,431.219
19	+ .000	+129,046.773
20	+ .000	+125,235.156
21	+ .000	+126,105.244
22	+ .000	+125,370.156
23	+ .000	+122,171.014
24	+ .000	+115,752.720
25	+ .000	+123,499.360
26	+ .000	+127,022.752
27	+ .000	+123,956.488
28	+ .000	+117,149.525
29	+ .000	+119,763.781
30	+ .000	+119,068.155
31	+ .000	+98,008.425
32	+ .000	+134,272.943
33	+ .000	+116,162.112
34	+ .000	+151,825.682
35	+ .000	+139,219.658
36	+ .000	+106,882.877
37	+ .000	+108,136.596
38	+ .000	+108,090.653
39	+ .000	+145,229.882
40	+ .000	+145,240.094
41	+ .000	+128,712.115
42	+ .000	+121,733.346

43	+.000	+142,681.324
44	+.000	+108,481.014
45	+.000	+142,224.900
46	+.000	+140,902.462
47	+.000	+161,652.248
48	+.000	+187,588.400