

Date: 16/01/2020

Settlement Day:22/11/2018

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:18/19

Internal Scheme Name:2018/2019

Internal Scheme Day: 236

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	-323,741.360	+47,626,272.820
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	-342,971.240	+389,824,495.640
Balancing Services Contract Cost	+1,229,434.610	+231,735,331.450
Balancing Services Cost Variable	+4,586,810.770	+95,221,346.730
ESO Incentive Recovery Costs	+41,095.890	+9,698,630.040
Black Start Capital Costs	+0.000	+1,736,729.790
Black Start Testing Costs	+0.000	+390,085.780
Black Start Availability Costs	+111,776.640	+25,757,550.490
Black Start Other Costs	+0.000	+3,677,764.890
System Operator Internal Costs	+529,458.360	+124,952,172.960
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+2,296.840	+542,054.240
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	+124,952,172.960
Total External Costs	+5,628,443.510	+758,583,989.050
Total Adjusted Energy Volume (MWh)	+1,791,889.908	

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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	+29,917.271	+46,607.471	+1.55788
02	+30,280.021	+55,636.794	+1.83741
03	+29,618.723	+41,557.090	+1.40307
04	+28,859.590	+29,570.404	+1.02463
05	+28,101.671	+26,784.847	+0.95314
06	+27,978.875	+28,877.543	+1.03212
07	+27,710.561	+36,809.054	+1.32834
08	+27,452.052	+25,668.745	+0.93504
09	+28,094.948	+22,025.637	+0.78397
10	+28,362.666	+18,241.357	+0.64315
11	+28,995.275	+11,399.399	+0.39315
12	+30,389.179	+28,065.287	+0.92353
13	+33,053.479	+69,918.070	+2.11530
14	+36,238.559	+87,680.221	+2.41953
15	+39,927.267	+179,719.519	+4.50117
16	+41,197.929	+166,991.193	+4.05339
17	+41,956.525	+170,145.039	+4.05527
18	+42,062.778	+185,547.303	+4.41120
19	+42,357.535	+197,454.734	+4.66162
20	+42,032.166	+199,347.873	+4.74275
21	+41,662.654	+247,165.919	+5.93255
22	+41,494.415	+232,412.754	+5.60106
23	+41,431.283	+237,424.041	+5.73055
24	+41,426.423	+247,434.171	+5.97286
25	+41,600.829	+177,558.558	+4.26815
26	+41,694.725	+172,863.221	+4.14593
27	+41,741.357	+189,743.812	+4.54570
28	+41,716.787	+189,240.941	+4.53633
29	+41,905.064	+166,400.988	+3.97090
30	+41,894.429	+167,022.778	+3.98675
31	+41,572.710	+191,718.496	+4.61164
32	+42,404.387	+187,852.815	+4.43003
33	+43,488.558	+274,114.323	+6.30314
34	+43,824.714	+266,923.435	+6.09071
35	+43,623.141	+392,081.447	+8.98792
36	+43,299.241	+394,832.456	+9.11869
37	+43,015.742	+212,907.507	+4.94953
38	+42,735.098	+209,071.137	+4.89226
39	+42,640.548	+87,696.994	+2.05666
40	+42,512.006	+94,712.539	+2.22790
41	+41,293.110	+51,650.376	+1.25082
42	+39,692.155	+11,401.531	+0.28725

43	+37,866.513	+46,298.397	+1.22267
44	+35,778.962	+38,679.415	+1.08107
45	+33,827.601	+16,066.377	+0.47495
46	+32,004.072	+2,705.723	+0.08454
47	+31,110.357	+13,816.672	+0.44412
48	+30,045.957	+10,038.325	+0.33410

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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	+0.01670	+14,761.83	+0.00	+14,642.63	+20,531.558	+0.000
02	+0.01690	+23,355.50	+0.00	+23,289.14	+20,777.445	+0.000
03	+0.01653	+9,925.32	+0.00	+9,917.64	+20,322.554	+0.000
04	+0.01611	-1,265.14	+0.00	-1,265.14	+19,806.192	+0.000
05	+0.01568	-3,168.96	+0.00	-3,227.65	+19,277.535	+0.000
06	+0.01561	-1,000.97	+0.00	-1,000.97	+19,191.474	+0.000
07	+0.01546	+7,267.46	+0.00	+7,217.65	+19,007.059	+0.000
08	+0.01532	-3,654.69	+0.00	-3,654.69	+18,834.938	+0.000
09	+0.01568	-7,986.82	+0.00	-7,986.86	+19,277.535	+0.000
10	+0.01583	-12,058.25	+0.00	-12,058.25	+19,461.950	+0.000
11	+0.01618	-19,072.07	+0.00	-19,570.13	+19,892.252	+0.000
12	+0.01696	-3,733.66	+0.00	-4,397.21	+20,851.211	+0.000
13	+0.01845	-2,402.30	+0.00	-4,202.87	+22,683.069	+38,806.490
14	+0.02022	+13,129.09	+0.00	+10,171.39	+24,859.168	+38,806.490
15	+0.02228	+25,676.79	+0.00	+25,459.72	+27,391.803	+111,614.490
16	+0.02299	+11,671.53	+0.00	+11,372.41	+28,264.702	+111,614.490
17	+0.02341	+13,768.20	+0.00	+13,722.35	+28,781.064	+111,614.490
18	+0.02347	+29,221.83	+0.00	+29,009.77	+28,854.830	+111,614.490
19	+0.02364	+37,117.38	+0.00	+36,957.31	+29,063.834	+115,248.990
20	+0.02346	+39,295.42	+0.00	+39,194.98	+28,842.536	+115,248.990
21	+0.02325	+24,795.81	+0.00	+24,693.98	+28,584.355	+177,969.990
22	+0.02316	+10,251.07	+0.00	+10,113.08	+28,473.706	+177,969.990
23	+0.02312	+15,371.62	+0.00	+15,200.93	+28,424.528	+177,969.990
24	+0.02312	+25,971.00	+0.00	+25,211.06	+28,424.528	+177,969.990
25	+0.02322	+20,366.44	+0.00	+20,246.29	+28,547.472	+112,867.740
26	+0.02327	+15,727.16	+0.00	+15,455.25	+28,608.943	+112,867.740
27	+0.02329	+10,724.86	+0.00	+10,359.55	+28,633.532	+134,805.750
28	+0.02328	+10,101.35	+0.00	+9,875.82	+28,621.238	+134,805.750
29	+0.02339	+16,925.86	+0.00	+15,223.07	+28,756.476	+106,408.000
30	+0.02338	+16,233.43	+0.00	+15,864.00	+28,744.181	+106,408.000
31	+0.02320	-12,897.96	+0.00	-13,484.25	+28,522.883	+160,796.500
32	+0.02366	-17,453.56	+0.00	-18,230.40	+29,088.423	+160,796.500
33	+0.02427	-29,182.40	+0.00	-30,254.96	+29,838.378	+257,914.990
34	+0.02446	-35,998.84	+0.00	-37,809.52	+30,071.971	+257,914.990
35	+0.02434	-30,411.28	+0.00	-31,850.32	+29,924.438	+377,343.490
36	+0.02416	-28,647.63	+0.00	-28,754.78	+29,703.140	+377,343.490
37	+0.02401	-23,093.37	+0.00	-23,171.62	+29,518.725	+190,122.490
38	+0.02385	-26,612.75	+0.00	-26,701.74	+29,322.015	+190,122.490
39	+0.02380	-25,207.21	+0.00	-25,288.68	+29,260.544	+67,430.990
40	+0.02372	-17,986.87	+0.00	-18,120.01	+29,162.189	+67,430.990
41	+0.02304	-40,072.15	+0.00	-40,406.11	+28,326.173	+47,956.490
42	+0.02215	-70,950.51	+0.00	-70,952.45	+27,231.977	+39,957.500

43	+0.02113	-60,407.33	+.00	-61,042.49	+25,977.953	+66,896.750
44	+0.01997	-66,111.84	+.00	-66,441.16	+24,551.809	+66,896.750
45	+0.01888	-61,552.19	+.00	-61,708.37	+23,211.725	+41,637.250
46	+0.01786	-73,060.33	+.00	-73,116.68	+21,957.702	+41,637.250
47	+0.01736	-19,350.93	+.00	-19,411.45	+21,342.985	+.000
48	+0.01677	-22,060.30	+.00	-22,060.50	+20,617.618	+.000

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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	+686.301	+0.000	+0.000	+1,866.670	+0.000	+8,841.955
02	+694.521	+0.000	+0.000	+1,889.025	+0.000	+8,947.846
03	+679.315	+0.000	+0.000	+1,847.668	+0.000	+8,751.947
04	+662.055	+0.000	+0.000	+1,800.722	+0.000	+8,529.574
05	+644.384	+0.000	+0.000	+1,752.658	+0.000	+8,301.907
06	+641.507	+0.000	+0.000	+1,744.833	+0.000	+8,264.845
07	+635.342	+0.000	+0.000	+1,728.067	+0.000	+8,185.426
08	+629.589	+0.000	+0.000	+1,712.418	+0.000	+8,111.302
09	+644.384	+0.000	+0.000	+1,752.658	+0.000	+8,301.907
10	+650.548	+0.000	+0.000	+1,769.424	+0.000	+8,381.326
11	+664.932	+0.000	+0.000	+1,808.546	+0.000	+8,566.636
12	+696.986	+0.000	+0.000	+1,895.732	+0.000	+8,979.614
13	+758.219	+0.000	+0.000	+2,062.279	+0.000	+9,768.507
14	+830.959	+0.000	+0.000	+2,260.124	+0.000	+10,705.648
15	+915.616	+0.000	+0.000	+2,490.384	+0.000	+11,796.332
16	+944.795	+0.000	+0.000	+2,569.745	+0.000	+12,172.248
17	+962.055	+0.000	+0.000	+2,616.691	+0.000	+12,394.620
18	+964.521	+0.000	+0.000	+2,623.398	+0.000	+12,426.388
19	+971.507	+0.000	+0.000	+2,642.400	+0.000	+12,516.396
20	+964.110	+0.000	+0.000	+2,622.280	+0.000	+12,421.093
21	+955.479	+0.000	+0.000	+2,598.807	+0.000	+12,309.907
22	+951.781	+0.000	+0.000	+2,588.747	+0.000	+12,262.256
23	+950.137	+0.000	+0.000	+2,584.276	+0.000	+12,241.077
24	+950.137	+0.000	+0.000	+2,584.276	+0.000	+12,241.077
25	+954.247	+0.000	+0.000	+2,595.454	+0.000	+12,294.023
26	+956.301	+0.000	+0.000	+2,601.042	+0.000	+12,320.496
27	+957.123	+0.000	+0.000	+2,603.278	+0.000	+12,331.085
28	+956.712	+0.000	+0.000	+2,602.160	+0.000	+12,325.791
29	+961.233	+0.000	+0.000	+2,614.456	+0.000	+12,384.031
30	+960.822	+0.000	+0.000	+2,613.338	+0.000	+12,378.736
31	+953.425	+0.000	+0.000	+2,593.218	+0.000	+12,283.434
32	+972.329	+0.000	+0.000	+2,644.635	+0.000	+12,526.985
33	+997.397	+0.000	+0.000	+2,712.819	+0.000	+12,849.954
34	+1,005.205	+0.000	+0.000	+2,734.057	+0.000	+12,950.551
35	+1,000.274	+0.000	+0.000	+2,720.643	+0.000	+12,887.016
36	+992.877	+0.000	+0.000	+2,700.524	+0.000	+12,791.714
37	+986.712	+0.000	+0.000	+2,683.757	+0.000	+12,712.295
38	+980.137	+0.000	+0.000	+2,665.873	+0.000	+12,627.582
39	+978.082	+0.000	+0.000	+2,660.284	+0.000	+12,601.109
40	+974.795	+0.000	+0.000	+2,651.342	+0.000	+12,558.752
41	+946.849	+0.000	+0.000	+2,575.334	+0.000	+12,198.721
42	+910.274	+0.000	+0.000	+2,475.853	+0.000	+11,727.503

43	+868.356	+.000	+.000	+2,361.840	+.000	+11,187.455
44	+820.685	+.000	+.000	+2,232.180	+.000	+10,573.283
45	+775.890	+.000	+.000	+2,110.343	+.000	+9,996.174
46	+733.973	+.000	+.000	+1,996.331	+.000	+9,456.126
47	+713.425	+.000	+.000	+1,940.442	+.000	+9,191.397
48	+689.178	+.000	+.000	+1,874.494	+.000	+8,879.017

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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	+38.357	+.000	+.000	+.000	+.000
02	+.000	+38.817	+.000	+.000	+.000	+.000
03	+.000	+37.967	+.000	+.000	+.000	+.000
04	+.000	+37.002	+.000	+.000	+.000	+.000
05	+.000	+36.014	+.000	+.000	+.000	+.000
06	+.000	+35.854	+.000	+.000	+.000	+.000
07	+.000	+35.509	+.000	+.000	+.000	+.000
08	+.000	+35.188	+.000	+.000	+.000	+.000
09	+.000	+36.014	+.000	+.000	+.000	+.000
10	+.000	+36.359	+.000	+.000	+.000	+.000
11	+.000	+37.163	+.000	+.000	+.000	+.000
12	+.000	+38.954	+.000	+.000	+.000	+.000
13	+.000	+42.377	+.000	+.000	+.000	+.000
14	+.000	+46.442	+.000	+.000	+.000	+.000
15	+.000	+51.174	+.000	+.000	+.000	+.000
16	+.000	+52.804	+.000	+.000	+.000	+.000
17	+.000	+53.769	+.000	+.000	+.000	+.000
18	+.000	+53.907	+.000	+.000	+.000	+.000
19	+.000	+54.297	+.000	+.000	+.000	+.000
20	+.000	+53.884	+.000	+.000	+.000	+.000
21	+.000	+53.402	+.000	+.000	+.000	+.000
22	+.000	+53.195	+.000	+.000	+.000	+.000
23	+.000	+53.103	+.000	+.000	+.000	+.000
24	+.000	+53.103	+.000	+.000	+.000	+.000
25	+.000	+53.333	+.000	+.000	+.000	+.000
26	+.000	+53.447	+.000	+.000	+.000	+.000
27	+.000	+53.493	+.000	+.000	+.000	+.000
28	+.000	+53.470	+.000	+.000	+.000	+.000
29	+.000	+53.723	+.000	+.000	+.000	+.000
30	+.000	+53.700	+.000	+.000	+.000	+.000
31	+.000	+53.287	+.000	+.000	+.000	+.000
32	+.000	+54.343	+.000	+.000	+.000	+.000
33	+.000	+55.744	+.000	+.000	+.000	+.000
34	+.000	+56.181	+.000	+.000	+.000	+.000
35	+.000	+55.905	+.000	+.000	+.000	+.000
36	+.000	+55.492	+.000	+.000	+.000	+.000
37	+.000	+55.147	+.000	+.000	+.000	+.000
38	+.000	+54.780	+.000	+.000	+.000	+.000
39	+.000	+54.665	+.000	+.000	+.000	+.000
40	+.000	+54.481	+.000	+.000	+.000	+.000
41	+.000	+52.919	+.000	+.000	+.000	+.000
42	+.000	+50.875	+.000	+.000	+.000	+.000

43	+ .000	+48.532	+ .000	+ .000	+ .000	+ .000
44	+ .000	+45.868	+ .000	+ .000	+ .000	+ .000
45	+ .000	+43.364	+ .000	+ .000	+ .000	+ .000
46	+ .000	+41.022	+ .000	+ .000	+ .000	+ .000
47	+ .000	+39.873	+ .000	+ .000	+ .000	+ .000
48	+ .000	+38.518	+ .000	+ .000	+ .000	+ .000

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Settlement Period	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+ .000	+46,607.471
02	+ .000	+55,636.794
03	+ .000	+41,557.090
04	+ .000	+29,570.404
05	+ .000	+26,784.847
06	+ .000	+28,877.543
07	+ .000	+36,809.054
08	+ .000	+25,668.745
09	+ .000	+22,025.637
10	+ .000	+18,241.357
11	+ .000	+11,399.399
12	+ .000	+28,065.287
13	+ .000	+69,918.070
14	+ .000	+87,680.221
15	+ .000	+179,719.519
16	+ .000	+166,991.193
17	+ .000	+170,145.039
18	+ .000	+185,547.303
19	+ .000	+197,454.734
20	+ .000	+199,347.873
21	+ .000	+247,165.919
22	+ .000	+232,412.754
23	+ .000	+237,424.041
24	+ .000	+247,434.171
25	+ .000	+177,558.558
26	+ .000	+172,863.221
27	+ .000	+189,743.812
28	+ .000	+189,240.941
29	+ .000	+166,400.988
30	+ .000	+167,022.778
31	+ .000	+191,718.496
32	+ .000	+187,852.815
33	+ .000	+274,114.323
34	+ .000	+266,923.435
35	+ .000	+392,081.447
36	+ .000	+394,832.456
37	+ .000	+212,907.507
38	+ .000	+209,071.137
39	+ .000	+87,696.994
40	+ .000	+94,712.539
41	+ .000	+51,650.376
42	+ .000	+11,401.531

43	+.000	+46,298.397
44	+.000	+38,679.415
45	+.000	+16,066.377
46	+.000	+2,705.723
47	+.000	+13,816.672
48	+.000	+10,038.325