

Date: 26/09/2019

Settlement Day:18/09/2019

SAA Run Number:01

Settlement Run Type:II

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 171

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+415,308.810	+253,475,056.910
Balancing Services Contract Cost	+479,166.997	+127,081,735.160
Balancing Services Cost Variable	+470,736.450	+63,651,243.725
ESO Incentive Recovery Costs	+40,983.610	+7,008,197.310
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+21,080,178.044
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+140,916,147.840
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+705,959.820
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	+140,916,147.840
Total External Costs	+1,533,611.958	+473,002,370.969
Total Adjusted Energy Volume (MWh)	+1,262,936.139	

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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	+21,051.781	+51,060.371	+2.42547
02	+20,571.570	+53,571.369	+2.60415
03	+20,541.563	+52,100.690	+2.53635
04	+20,320.904	+47,884.081	+2.35640
05	+20,397.754	+48,031.639	+2.35475
06	+20,201.110	+45,242.664	+2.23961
07	+20,360.819	+45,429.810	+2.23124
08	+20,324.085	+45,065.001	+2.21732
09	+20,519.427	+48,612.493	+2.36910
10	+20,713.800	+48,188.109	+2.32638
11	+21,064.280	+50,239.937	+2.38508
12	+21,961.421	+54,417.000	+2.47785
13	+24,440.920	+56,265.200	+2.30209
14	+26,748.119	+72,238.297	+2.70069
15	+28,671.133	+65,603.177	+2.28813
16	+29,790.624	+76,459.864	+2.56657
17	+29,740.826	+76,601.219	+2.57563
18	+28,937.295	+70,751.051	+2.44498
19	+28,767.518	+68,723.318	+2.38892
20	+28,348.738	+54,011.167	+1.90524
21	+28,080.860	+56,158.877	+1.99990
22	+27,744.340	+50,834.981	+1.83226
23	+27,471.507	+54,427.741	+1.98124
24	+27,049.309	+43,949.020	+1.62477
25	+26,957.009	+38,760.149	+1.43785
26	+26,588.973	+34,672.244	+1.30401
27	+26,196.205	+20,358.887	+0.77717
28	+25,951.279	+24,701.896	+0.95186
29	+25,925.818	+27,715.413	+1.06903
30	+25,927.499	+29,390.843	+1.13358
31	+26,310.287	+22,427.694	+0.85243
32	+27,357.950	+33,814.663	+1.23601
33	+28,483.302	+33,242.971	+1.16710
34	+29,804.836	+49,987.311	+1.67715
35	+30,724.881	+41,961.966	+1.36573
36	+31,014.936	+56,378.953	+1.81780
37	+31,417.623	+56,682.017	+1.80415
38	+31,775.458	+52,006.745	+1.63670
39	+32,185.336	+57,431.270	+1.78439
40	+32,417.614	+56,159.181	+1.73237
41	+31,962.844	+49,264.051	+1.54129
42	+31,189.585	+50,674.592	+1.62473

43	+30,318.330	+55,643.942	+1.83532
44	+28,517.268	+47,588.100	+1.66875
45	+27,305.689	+54,796.228	+2.00677
46	+25,553.055	+37,095.371	+1.45170
47	+23,340.178	+41,804.655	+1.79110
48	+21,890.481	+49,242.062	+2.24947

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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	+0.01667	+1,645.17	+7,987.714	+24,883.000	+683.197	+0.000
02	+0.01629	+4,715.39	+7,805.630	+24,883.000	+667.623	+0.000
03	+0.01626	+3,274.86	+7,791.255	+24,897.000	+666.393	+0.000
04	+0.01609	-691.57	+7,709.797	+24,897.000	+659.426	+0.000
05	+0.01615	-655.31	+7,738.547	+24,920.000	+661.885	+0.000
06	+0.01600	-3,223.54	+7,666.672	+24,920.000	+655.738	+0.000
07	+0.01612	-3,127.99	+7,724.172	+24,835.000	+660.656	+0.000
08	+0.01609	-3,448.65	+7,709.797	+24,835.000	+659.426	+0.000
09	+0.01625	+84.88	+7,786.464	+24,613.500	+665.984	+0.000
10	+0.01640	-560.25	+7,858.339	+24,613.500	+672.131	+0.000
11	+0.01668	-1,461.98	+7,992.506	+27,155.000	+683.607	+0.000
12	+0.01739	+1,670.22	+8,332.714	+27,155.000	+712.705	+0.000
13	+0.01935	+634.01	+9,271.881	+27,155.000	+793.033	+0.000
14	+0.02118	+8,864.86	+10,148.757	+32,204.150	+868.033	+0.000
15	+0.02270	+27,147.85	+10,877.091	+5,049.150	+930.328	+0.000
16	+0.02359	+36,694.78	+11,303.549	+5,049.150	+966.803	+0.000
17	+0.02355	+36,895.00	+11,284.383	+5,049.150	+965.164	+0.000
18	+0.02291	+31,986.68	+10,977.716	+5,049.150	+938.935	+0.000
19	+0.02278	+30,150.26	+10,915.424	+5,049.150	+933.607	+0.000
20	+0.02245	+15,923.75	+10,757.299	+5,049.150	+920.082	+0.000
21	+0.02223	+18,395.22	+10,651.882	+5,049.150	+911.066	+0.000
22	+0.02197	+13,453.95	+10,527.299	+5,049.150	+900.410	+0.000
23	+0.02175	+17,370.47	+10,421.882	+5,049.150	+891.394	+0.000
24	+0.02142	+7,377.39	+10,263.757	+5,049.150	+877.869	+0.000
25	+0.02134	+2,306.25	+10,225.424	+5,049.150	+874.590	+0.000
26	+0.02105	-1,354.88	+10,086.465	+5,049.150	+862.705	+0.000
27	+0.02074	-10,162.88	+9,937.924	+0.000	+850.000	+0.000
28	+0.02055	-5,540.26	+9,846.882	+0.000	+842.213	+0.000
29	+0.02053	-2,497.31	+9,837.298	+0.000	+841.394	+0.000
30	+0.02053	-821.88	+9,837.298	+0.000	+841.394	+0.000
31	+0.02083	-8,226.52	+9,981.049	+0.000	+853.689	+0.000
32	+0.02166	+1,938.99	+10,378.757	+0.000	+887.705	+0.000
33	+0.02255	-4,991.61	+10,805.216	+5,049.150	+924.180	+0.000
34	+0.02360	+10,207.51	+11,308.341	+5,049.150	+967.213	+0.000
35	+0.02433	+1,107.87	+11,658.133	+5,049.150	+997.131	+0.000
36	+0.02456	+15,186.38	+11,768.341	+5,049.150	+1,006.557	+0.000
37	+0.02488	+15,018.52	+11,921.675	+5,049.150	+1,019.672	+0.000
38	+0.02516	+9,931.19	+12,055.842	+5,049.150	+1,031.148	+0.000
39	+0.02548	+14,884.79	+12,209.175	+5,049.150	+1,044.262	+0.000
40	+0.02567	+13,333.09	+12,300.217	+5,049.150	+1,052.049	+0.000
41	+0.02531	+6,967.75	+12,127.717	+5,049.150	+1,037.295	+0.000
42	+0.02470	+9,275.99	+11,835.425	+5,049.150	+1,012.295	+0.000

43	+0.02401	+20,309.92	+11,504.800	+ .000	+984.016	+ .000
44	+0.02258	+14,358.52	+10,819.591	+ .000	+925.410	+ .000
45	+0.02162	+22,439.42	+10,359.590	+540.000	+886.066	+ .000
46	+0.02023	+6,784.14	+9,693.548	+540.000	+829.098	+ .000
47	+0.01848	+16,304.29	+8,855.006	-1,695.500	+757.377	+ .000
48	+0.01733	+25,434.08	+8,303.964	-1,695.500	+710.246	+ .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	+2,055.205	+0.000	+13,737.264	+0.000	+0.000
02	+0.000	+2,008.356	+0.000	+13,424.117	+0.000	+0.000
03	+0.000	+2,004.658	+0.000	+13,399.395	+0.000	+0.000
04	+0.000	+1,983.699	+0.000	+13,259.303	+0.000	+0.000
05	+0.000	+1,991.096	+0.000	+13,308.747	+0.000	+0.000
06	+0.000	+1,972.603	+0.000	+13,185.137	+0.000	+0.000
07	+0.000	+1,987.397	+0.000	+13,284.025	+0.000	+0.000
08	+0.000	+1,983.699	+0.000	+13,259.303	+0.000	+0.000
09	+0.000	+2,003.425	+0.000	+13,391.154	+0.000	+0.000
10	+0.000	+2,021.918	+0.000	+13,514.765	+0.000	+0.000
11	+0.000	+2,056.438	+0.000	+13,745.505	+0.000	+0.000
12	+0.000	+2,143.973	+0.000	+14,330.595	+0.000	+0.000
13	+0.000	+2,385.616	+0.000	+15,945.775	+0.000	+0.000
14	+0.000	+2,611.233	+0.000	+17,453.825	+0.000	+0.000
15	+0.000	+2,798.630	+0.000	+18,706.413	+0.000	+0.000
16	+0.000	+2,908.356	+0.000	+19,439.836	+0.000	+0.000
17	+0.000	+2,903.425	+0.000	+19,406.873	+0.000	+0.000
18	+0.000	+2,824.521	+0.000	+18,879.468	+0.000	+0.000
19	+0.000	+2,808.493	+0.000	+18,772.338	+0.000	+0.000
20	+0.000	+2,767.808	+0.000	+18,500.395	+0.000	+0.000
21	+0.000	+2,740.685	+0.000	+18,319.099	+0.000	+0.000
22	+0.000	+2,708.630	+0.000	+18,104.841	+0.000	+0.000
23	+0.000	+2,681.507	+0.000	+17,923.545	+0.000	+0.000
24	+0.000	+2,640.822	+0.000	+17,651.602	+0.000	+0.000
25	+0.000	+2,630.959	+0.000	+17,585.676	+0.000	+0.000
26	+0.000	+2,595.205	+0.000	+17,346.695	+0.000	+0.000
27	+0.000	+2,556.986	+0.000	+17,091.233	+0.000	+0.000
28	+0.000	+2,533.562	+0.000	+16,934.660	+0.000	+0.000
29	+0.000	+2,531.096	+0.000	+16,918.178	+0.000	+0.000
30	+0.000	+2,531.096	+0.000	+16,918.178	+0.000	+0.000
31	+0.000	+2,568.082	+0.000	+17,165.400	+0.000	+0.000
32	+0.000	+2,670.411	+0.000	+17,849.379	+0.000	+0.000
33	+0.000	+2,780.137	+0.000	+18,582.802	+0.000	+0.000
34	+0.000	+2,909.589	+0.000	+19,448.077	+0.000	+0.000
35	+0.000	+2,999.589	+0.000	+20,049.648	+0.000	+0.000
36	+0.000	+3,027.945	+0.000	+20,239.185	+0.000	+0.000
37	+0.000	+3,067.397	+0.000	+20,502.887	+0.000	+0.000
38	+0.000	+3,101.918	+0.000	+20,733.627	+0.000	+0.000
39	+0.000	+3,141.370	+0.000	+20,997.330	+0.000	+0.000
40	+0.000	+3,164.795	+0.000	+21,153.904	+0.000	+0.000
41	+0.000	+3,120.411	+0.000	+20,857.238	+0.000	+0.000
42	+0.000	+3,045.205	+0.000	+20,354.555	+0.000	+0.000

43	+.000	+2,960.137	+.000	+19,785.946	+.000	+.000
44	+.000	+2,783.836	+.000	+18,607.524	+.000	+.000
45	+.000	+2,665.479	+.000	+17,816.416	+.000	+.000
46	+.000	+2,494.110	+.000	+16,670.957	+.000	+.000
47	+.000	+2,278.356	+.000	+15,228.833	+.000	+.000
48	+.000	+2,136.575	+.000	+14,281.151	+.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	+68.821	+0.000	+0.000	+0.000	+0.000	+51,060.371
02	+67.252	+0.000	+0.000	+0.000	+0.000	+53,571.369
03	+67.128	+0.000	+0.000	+0.000	+0.000	+52,100.690
04	+66.426	+0.000	+0.000	+0.000	+0.000	+47,884.081
05	+66.674	+0.000	+0.000	+0.000	+0.000	+48,031.639
06	+66.055	+0.000	+0.000	+0.000	+0.000	+45,242.664
07	+66.550	+0.000	+0.000	+0.000	+0.000	+45,429.810
08	+66.426	+0.000	+0.000	+0.000	+0.000	+45,065.001
09	+67.087	+0.000	+0.000	+0.000	+0.000	+48,612.493
10	+67.706	+0.000	+0.000	+0.000	+0.000	+48,188.109
11	+68.862	+0.000	+0.000	+0.000	+0.000	+50,239.937
12	+71.793	+0.000	+0.000	+0.000	+0.000	+54,417.000
13	+79.885	+0.000	+0.000	+0.000	+0.000	+56,265.200
14	+87.440	+0.000	+0.000	+0.000	+0.000	+72,238.297
15	+93.715	+0.000	+0.000	+0.000	+0.000	+65,603.177
16	+97.389	+0.000	+0.000	+0.000	+0.000	+76,459.864
17	+97.224	+0.000	+0.000	+0.000	+0.000	+76,601.219
18	+94.582	+0.000	+0.000	+0.000	+0.000	+70,751.051
19	+94.045	+0.000	+0.000	+0.000	+0.000	+68,723.318
20	+92.683	+0.000	+0.000	+0.000	+0.000	+54,011.167
21	+91.775	+0.000	+0.000	+0.000	+0.000	+56,158.877
22	+90.701	+0.000	+0.000	+0.000	+0.000	+50,834.981
23	+89.793	+0.000	+0.000	+0.000	+0.000	+54,427.741
24	+88.431	+0.000	+0.000	+0.000	+0.000	+43,949.020
25	+88.100	+0.000	+0.000	+0.000	+0.000	+38,760.149
26	+86.903	+0.000	+0.000	+0.000	+0.000	+34,672.244
27	+85.623	+0.000	+0.000	+0.000	+0.000	+20,358.887
28	+84.839	+0.000	+0.000	+0.000	+0.000	+24,701.896
29	+84.756	+0.000	+0.000	+0.000	+0.000	+27,715.413
30	+84.756	+0.000	+0.000	+0.000	+0.000	+29,390.843
31	+85.995	+0.000	+0.000	+0.000	+0.000	+22,427.694
32	+89.422	+0.000	+0.000	+0.000	+0.000	+33,814.663
33	+93.096	+0.000	+0.000	+0.000	+0.000	+33,242.971
34	+97.431	+0.000	+0.000	+0.000	+0.000	+49,987.311
35	+100.444	+0.000	+0.000	+0.000	+0.000	+41,961.966
36	+101.394	+0.000	+0.000	+0.000	+0.000	+56,378.953
37	+102.715	+0.000	+0.000	+0.000	+0.000	+56,682.017
38	+103.871	+0.000	+0.000	+0.000	+0.000	+52,006.745
39	+105.192	+0.000	+0.000	+0.000	+0.000	+57,431.270
40	+105.977	+0.000	+0.000	+0.000	+0.000	+56,159.181
41	+104.490	+0.000	+0.000	+0.000	+0.000	+49,264.051
42	+101.972	+0.000	+0.000	+0.000	+0.000	+50,674.592



43	+99.123	+ .000	+ .000	+ .000	+ .000	+55,643.942
44	+93.220	+ .000	+ .000	+ .000	+ .000	+47,588.100
45	+89.256	+ .000	+ .000	+ .000	+ .000	+54,796.228
46	+83.518	+ .000	+ .000	+ .000	+ .000	+37,095.371
47	+76.293	+ .000	+ .000	+ .000	+ .000	+41,804.655
48	+71.546	+ .000	+ .000	+ .000	+ .000	+49,242.062