

Date: 26/07/2019

Settlement Day:21/04/2019

SAA Run Number:02

Settlement Run Type:SF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 21

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,184,780.940	+32,386,045.070
Balancing Services Contract Cost	+1,623,378.818	+19,828,563.382
Balancing Services Cost Variable	-377,153.610	+816,335.465
ESO Incentive Recovery Costs	+40,983.610	+860,655.810
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+112,131.726	+2,312,515.211
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+17,305,491.840
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+86,696.820
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	+17,305,491.840
Total External Costs	+2,588,249.904	+56,290,811.758
Total Adjusted Energy Volume (MWh)	+967,031.576	

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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	+20,198.058	+77,518.670	+3.83793
02	+19,569.111	+65,608.809	+3.35267
03	+19,609.744	+62,530.236	+3.18873
04	+19,459.059	+59,605.406	+3.06312
05	+19,257.004	+59,431.190	+3.08621
06	+18,902.547	+54,366.890	+2.87617
07	+18,771.026	+50,709.263	+2.70146
08	+18,791.258	+52,354.467	+2.78611
09	+18,965.497	+54,962.452	+2.89802
10	+18,984.952	+59,129.156	+3.11453
11	+19,104.322	+63,016.736	+3.29856
12	+19,010.223	+62,900.096	+3.30875
13	+19,194.017	+58,682.848	+3.05735
14	+19,406.869	+60,858.491	+3.13593
15	+19,311.520	+59,325.911	+3.07205
16	+19,580.265	+70,388.056	+3.59485
17	+19,990.648	+87,130.777	+4.35858
18	+19,941.037	+85,934.132	+4.30941
19	+20,098.897	+88,617.643	+4.40908
20	+19,917.924	+84,480.158	+4.24141
21	+19,922.897	+80,967.958	+4.06407
22	+19,665.136	+68,576.028	+3.48719
23	+19,277.650	+69,398.164	+3.59993
24	+18,995.632	+61,066.663	+3.21477
25	+18,937.738	+61,610.401	+3.25331
26	+18,577.891	+54,106.464	+2.91241
27	+18,066.983	+60,556.407	+3.35177
28	+17,536.559	+53,719.585	+3.06329
29	+17,627.241	+49,364.585	+2.80047
30	+17,530.888	+46,685.335	+2.66303
31	+17,538.757	+38,360.982	+2.18721
32	+18,007.842	+40,401.915	+2.24357
33	+18,810.663	+42,246.871	+2.24590
34	+19,941.715	+63,710.882	+3.19485
35	+21,107.840	+59,966.627	+2.84096
36	+21,922.864	+72,916.249	+3.32604
37	+22,579.940	+76,412.646	+3.38409
38	+23,235.056	+76,596.628	+3.29660
39	+23,671.962	+87,193.820	+3.68342
40	+23,544.110	+90,680.670	+3.85152
41	+24,013.559	+101,383.782	+4.22194
42	+24,632.133	+128,058.056	+5.19882

43	+24,501.259	+133,201.396	+5.43651
44	+23,854.692	+107,257.461	+4.49628
45	+23,083.380	+90,521.277	+3.92149
46	+21,925.475	+81,470.594	+3.71580
47	+20,716.751	+96,586.467	+4.66224
48	+19,740.985	+101,725.597	+5.15302

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS

Settlement Period	Total Adjustment Energy factor Volume	System Operator Balancing Mechanism Costs(£)	Balancing Services Contract Cost(£)	Balancing Services Cost Variable(£)	ESO Incentive Recovery Costs	Black Start Capital Costs
01	+0.02089	+32,164.92	+33,912.384	-9,058.300	+856.148	+.000
02	+0.02024	+21,948.11	+32,857.187	-9,058.300	+829.508	+.000
03	+0.02028	+18,765.35	+32,922.122	-9,058.300	+831.148	+.000
04	+0.02012	+16,257.27	+32,662.382	-9,058.300	+824.590	+.000
05	+0.01991	+16,630.04	+32,321.472	-9,058.300	+815.984	+.000
06	+0.01955	+12,503.43	+31,737.056	-9,058.300	+801.230	+.000
07	+0.01941	+9,210.46	+31,509.783	-9,058.300	+795.492	+.000
08	+0.01943	+10,803.57	+31,542.250	-9,058.300	+796.312	+.000
09	+0.01961	+12,942.71	+31,834.459	-9,058.300	+803.689	+.000
10	+0.01963	+17,057.32	+31,866.926	-9,058.300	+804.508	+.000
11	+0.01976	+19,779.79	+32,077.965	-8,231.800	+809.836	+.000
12	+0.01966	+19,923.62	+31,915.628	-8,231.800	+805.738	+.000
13	+0.01985	+15,211.48	+32,224.070	-8,231.800	+813.525	+.000
14	+0.02007	+16,814.09	+32,581.213	-8,231.800	+822.541	+.000
15	+0.01997	+15,541.98	+32,418.875	-8,231.800	+818.443	+.000
16	+0.02025	+25,874.81	+32,873.421	-8,231.800	+829.918	+.000
17	+0.02067	+42,401.06	+33,555.240	-9,109.300	+847.131	+.000
18	+0.02062	+41,334.65	+33,474.071	-9,109.300	+845.082	+.000
19	+0.02078	+43,601.41	+33,733.812	-9,109.300	+851.639	+.000
20	+0.02060	+39,932.77	+33,441.604	-9,109.300	+844.262	+.000
21	+0.02060	+31,606.70	+33,441.604	-4,295.430	+844.262	+.000
22	+0.02034	+19,891.99	+33,019.525	-4,295.430	+833.607	+.000
23	+0.01993	+21,782.05	+32,353.940	-4,295.430	+816.803	+.000
24	+0.01964	+14,205.91	+31,883.160	-4,295.430	+804.918	+.000
25	+0.01958	+14,905.93	+31,785.757	-4,295.430	+802.459	+.000
26	+0.01921	+8,365.73	+31,185.107	-4,295.430	+787.295	+.000
27	+0.01868	+15,318.66	+30,324.716	-3,417.930	+765.574	+.000
28	+0.01813	+9,914.42	+29,431.858	-3,417.930	+743.033	+.000
29	+0.01823	+11,504.07	+29,594.196	-9,623.050	+747.131	+.000
30	+0.01813	+9,085.29	+29,431.858	-9,623.050	+743.033	+.000
31	+0.01814	+3,917.14	+29,448.092	-12,805.300	+743.443	+.000
32	+0.01862	+4,707.82	+30,227.314	-12,805.300	+763.115	+.000
33	+0.01945	+7,940.38	+31,574.718	-16,354.800	+797.131	+.000
34	+0.02062	+26,356.90	+33,474.071	-16,354.800	+845.082	+.000
35	+0.02183	+11,910.29	+35,438.360	-8,804.125	+894.672	+.000
36	+0.02267	+22,671.97	+36,801.998	-8,804.125	+929.098	+.000
37	+0.02335	+24,705.35	+37,905.895	-9,112.300	+956.967	+.000
38	+0.02403	+23,118.14	+39,009.793	-9,112.300	+984.836	+.000
39	+0.02448	+32,543.22	+39,740.313	-9,112.300	+1,003.279	+.000
40	+0.02435	+31,554.81	+39,529.274	-4,298.430	+997.951	+.000
41	+0.02483	+41,007.67	+40,308.496	-4,298.430	+1,017.623	+.000
42	+0.02547	+66,014.94	+41,347.458	-4,298.430	+1,043.853	+.000

43	+0.02534	+70,616.39	+41,136.419	-3,417.930	+1,038.525	+.000
44	+0.02467	+51,231.47	+40,048.755	-8,231.800	+1,011.066	+.000
45	+0.02387	+36,579.04	+38,750.052	-8,231.800	+978.279	+.000
46	+0.02267	+30,653.99	+36,801.998	-8,231.800	+929.098	+.000
47	+0.02142	+43,100.98	+34,772.774	-2,307.050	+877.869	+.000
48	+0.02041	+50,870.85	+33,133.162	-2,307.050	+836.475	+.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	+2,342.432	+0.000	+17,214.844	+0.000	+0.000
02	+0.000	+2,269.546	+0.000	+16,679.198	+0.000	+0.000
03	+0.000	+2,274.031	+0.000	+16,712.161	+0.000	+0.000
04	+0.000	+2,256.090	+0.000	+16,580.309	+0.000	+0.000
05	+0.000	+2,232.543	+0.000	+16,407.254	+0.000	+0.000
06	+0.000	+2,192.175	+0.000	+16,110.589	+0.000	+0.000
07	+0.000	+2,176.477	+0.000	+15,995.219	+0.000	+0.000
08	+0.000	+2,178.719	+0.000	+16,011.700	+0.000	+0.000
09	+0.000	+2,198.903	+0.000	+16,160.033	+0.000	+0.000
10	+0.000	+2,201.146	+0.000	+16,176.515	+0.000	+0.000
11	+0.000	+2,215.723	+0.000	+16,283.644	+0.000	+0.000
12	+0.000	+2,204.510	+0.000	+16,201.237	+0.000	+0.000
13	+0.000	+2,225.815	+0.000	+16,357.810	+0.000	+0.000
14	+0.000	+2,250.484	+0.000	+16,539.106	+0.000	+0.000
15	+0.000	+2,239.271	+0.000	+16,456.699	+0.000	+0.000
16	+0.000	+2,270.667	+0.000	+16,687.439	+0.000	+0.000
17	+0.000	+2,317.763	+0.000	+17,033.548	+0.000	+0.000
18	+0.000	+2,312.156	+0.000	+16,992.345	+0.000	+0.000
19	+0.000	+2,330.097	+0.000	+17,124.196	+0.000	+0.000
20	+0.000	+2,309.914	+0.000	+16,975.863	+0.000	+0.000
21	+0.000	+2,309.914	+0.000	+16,975.863	+0.000	+0.000
22	+0.000	+2,280.759	+0.000	+16,761.605	+0.000	+0.000
23	+0.000	+2,234.785	+0.000	+16,423.736	+0.000	+0.000
24	+0.000	+2,202.267	+0.000	+16,184.755	+0.000	+0.000
25	+0.000	+2,195.539	+0.000	+16,135.311	+0.000	+0.000
26	+0.000	+2,154.050	+0.000	+15,830.405	+0.000	+0.000
27	+0.000	+2,094.621	+0.000	+15,393.647	+0.000	+0.000
28	+0.000	+2,032.948	+0.000	+14,940.408	+0.000	+0.000
29	+0.000	+2,044.161	+0.000	+15,022.815	+0.000	+0.000
30	+0.000	+2,032.948	+0.000	+14,940.408	+0.000	+0.000
31	+0.000	+2,034.070	+0.000	+14,948.649	+0.000	+0.000
32	+0.000	+2,087.893	+0.000	+15,344.203	+0.000	+0.000
33	+0.000	+2,180.962	+0.000	+16,028.182	+0.000	+0.000
34	+0.000	+2,312.156	+0.000	+16,992.345	+0.000	+0.000
35	+0.000	+2,447.836	+0.000	+17,989.471	+0.000	+0.000
36	+0.000	+2,542.026	+0.000	+18,681.690	+0.000	+0.000
37	+0.000	+2,618.276	+0.000	+19,242.059	+0.000	+0.000
38	+0.000	+2,694.525	+0.000	+19,802.427	+0.000	+0.000
39	+0.000	+2,744.985	+0.000	+20,173.259	+0.000	+0.000
40	+0.000	+2,730.408	+0.000	+20,066.130	+0.000	+0.000
41	+0.000	+2,784.231	+0.000	+20,461.684	+0.000	+0.000
42	+0.000	+2,855.995	+0.000	+20,989.089	+0.000	+0.000

43	+.000	+2,841.418	+.000	+20,881.960	+.000	+.000
44	+.000	+2,766.290	+.000	+20,329.833	+.000	+.000
45	+.000	+2,676.584	+.000	+19,670.576	+.000	+.000
46	+.000	+2,542.026	+.000	+18,681.690	+.000	+.000
47	+.000	+2,401.862	+.000	+17,651.602	+.000	+.000
48	+.000	+2,288.609	+.000	+16,819.290	+.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	+86.243	+0.000	+0.000	+0.000	+0.000	+77,518.670
02	+83.559	+0.000	+0.000	+0.000	+0.000	+65,608.809
03	+83.724	+0.000	+0.000	+0.000	+0.000	+62,530.236
04	+83.064	+0.000	+0.000	+0.000	+0.000	+59,605.406
05	+82.197	+0.000	+0.000	+0.000	+0.000	+59,431.190
06	+80.711	+0.000	+0.000	+0.000	+0.000	+54,366.890
07	+80.133	+0.000	+0.000	+0.000	+0.000	+50,709.263
08	+80.215	+0.000	+0.000	+0.000	+0.000	+52,354.467
09	+80.958	+0.000	+0.000	+0.000	+0.000	+54,962.452
10	+81.041	+0.000	+0.000	+0.000	+0.000	+59,129.156
11	+81.578	+0.000	+0.000	+0.000	+0.000	+63,016.736
12	+81.165	+0.000	+0.000	+0.000	+0.000	+62,900.096
13	+81.949	+0.000	+0.000	+0.000	+0.000	+58,682.848
14	+82.857	+0.000	+0.000	+0.000	+0.000	+60,858.491
15	+82.445	+0.000	+0.000	+0.000	+0.000	+59,325.911
16	+83.601	+0.000	+0.000	+0.000	+0.000	+70,388.056
17	+85.334	+0.000	+0.000	+0.000	+0.000	+87,130.777
18	+85.128	+0.000	+0.000	+0.000	+0.000	+85,934.132
19	+85.789	+0.000	+0.000	+0.000	+0.000	+88,617.643
20	+85.045	+0.000	+0.000	+0.000	+0.000	+84,480.158
21	+85.045	+0.000	+0.000	+0.000	+0.000	+80,967.958
22	+83.972	+0.000	+0.000	+0.000	+0.000	+68,576.028
23	+82.279	+0.000	+0.000	+0.000	+0.000	+69,398.164
24	+81.082	+0.000	+0.000	+0.000	+0.000	+61,066.663
25	+80.834	+0.000	+0.000	+0.000	+0.000	+61,610.401
26	+79.307	+0.000	+0.000	+0.000	+0.000	+54,106.464
27	+77.119	+0.000	+0.000	+0.000	+0.000	+60,556.407
28	+74.848	+0.000	+0.000	+0.000	+0.000	+53,719.585
29	+75.261	+0.000	+0.000	+0.000	+0.000	+49,364.585
30	+74.848	+0.000	+0.000	+0.000	+0.000	+46,685.335
31	+74.890	+0.000	+0.000	+0.000	+0.000	+38,360.982
32	+76.871	+0.000	+0.000	+0.000	+0.000	+40,401.915
33	+80.298	+0.000	+0.000	+0.000	+0.000	+42,246.871
34	+85.128	+0.000	+0.000	+0.000	+0.000	+63,710.882
35	+90.123	+0.000	+0.000	+0.000	+0.000	+59,966.627
36	+93.591	+0.000	+0.000	+0.000	+0.000	+72,916.249
37	+96.399	+0.000	+0.000	+0.000	+0.000	+76,412.646
38	+99.206	+0.000	+0.000	+0.000	+0.000	+76,596.628
39	+101.064	+0.000	+0.000	+0.000	+0.000	+87,193.820
40	+100.527	+0.000	+0.000	+0.000	+0.000	+90,680.670
41	+102.509	+0.000	+0.000	+0.000	+0.000	+101,383.782
42	+105.151	+0.000	+0.000	+0.000	+0.000	+128,058.056



43	+104.614	+.000	+.000	+.000	+.000	+133,201.396
44	+101.848	+.000	+.000	+.000	+.000	+107,257.461
45	+98.545	+.000	+.000	+.000	+.000	+90,521.277
46	+93.591	+.000	+.000	+.000	+.000	+81,470.594
47	+88.431	+.000	+.000	+.000	+.000	+96,586.467
48	+84.261	+.000	+.000	+.000	+.000	+101,725.597