

Date: 05/02/2021

Settlement Day:15/12/2019

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: 259

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+2,464,564.140	+462,658,292.020
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+2,445,892.960	+456,841,708.010
Balancing Services Contract Cost	+773,238.995	+234,372,302.174
Balancing Services Cost Variable	+247,944.180	+114,571,127.250
ESO Incentive Recovery Costs	-101,485.790	+3,310,761.620
Black Start Capital Costs	+29,518.911	+599,250.375
Black Start Testing Costs	+4,326.211	+268,514.991
Black Start Availability Costs	+112,899.010	+29,921,609.141
Black Start Other Costs	+0.000	+69,815.007
System Operator Internal Costs	+824,071.040	+213,434,399.360
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,633,751.280
EMR Incentive Revenue	+0.000	+0.000
ESO Incentive Recovery t-1	+0.000	+0.000
ALoMCP Recovery	+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	+213,434,399.360
Total External Costs	+3,518,642.397	+841,588,839.848
Total Adjusted Energy Volume (MWh)	+1,344,623.039	

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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	+22,699.164	+133,872.292	+5.89767
02	+23,013.861	+136,228.482	+5.91941
03	+22,374.970	+139,888.752	+6.25202
04	+21,892.573	+140,249.456	+6.40626
05	+22,002.266	+155,151.086	+7.05160
06	+21,820.826	+132,326.412	+6.06423
07	+21,925.050	+122,955.472	+5.60799
08	+21,571.624	+121,652.246	+5.63946
09	+21,323.283	+116,090.518	+5.44431
10	+21,441.264	+114,114.167	+5.32218
11	+21,753.006	+112,399.078	+5.16706
12	+21,866.424	+113,587.129	+5.19459
13	+22,404.053	+112,914.349	+5.03991
14	+23,096.746	+105,828.985	+4.58199
15	+23,720.003	+97,033.388	+4.09078
16	+24,381.503	+87,824.957	+3.60211
17	+25,211.068	+83,059.071	+3.29455
18	+26,517.891	+79,176.531	+2.98578
19	+27,664.784	+59,386.745	+2.14665
20	+28,586.696	+60,366.910	+2.11171
21	+29,426.909	+63,258.343	+2.14968
22	+29,493.883	+73,858.597	+2.50420
23	+29,568.655	+76,196.180	+2.57692
24	+29,699.453	+61,397.717	+2.06730
25	+29,985.266	+50,411.221	+1.68120
26	+29,970.137	+55,552.783	+1.85360
27	+30,313.517	+58,755.702	+1.93827
28	+30,427.440	+51,441.201	+1.69062
29	+31,004.830	+50,904.687	+1.64183
30	+31,665.176	+51,380.667	+1.62262
31	+32,610.030	+48,195.660	+1.47794
32	+33,950.954	+63,403.757	+1.86751
33	+35,960.230	+85,189.652	+2.36900
34	+36,926.732	+87,605.153	+2.37240
35	+37,200.718	+89,794.927	+2.41380
36	+37,123.910	+91,833.675	+2.47371
37	+36,815.871	+102,294.393	+2.77854
38	+36,076.438	+89,550.011	+2.48223
39	+35,124.393	+88,494.979	+2.51947
40	+34,044.982	+66,659.018	+1.95797
41	+32,962.603	+75,930.278	+2.30353
42	+31,695.757	+78,105.644	+2.46423

43	+30,234.561	+78,707.078	+2.60322
44	+28,868.979	+89,796.674	+3.11049
45	+26,899.883	+83,526.855	+3.10510
46	+25,510.772	+80,602.453	+3.15955
47	+23,494.436	+97,073.589	+4.13177
48	+22,299.469	+128,653.539	+5.76935

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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	+0.01688	+95,757.74	+0.00	+95,709.01	+13,052.274	+10,330.250
02	+0.01712	+97,781.00	+0.00	+97,669.47	+13,237.852	+10,330.250
03	+0.01664	+102,573.85	+0.00	+102,424.70	+12,866.697	+10,026.750
04	+0.01628	+103,482.65	+0.00	+103,379.00	+12,588.331	+10,026.750
05	+0.01636	+117,138.81	+0.00	+116,840.22	+12,650.190	+11,335.250
06	+0.01623	+94,455.00	+0.00	+94,229.90	+12,549.669	+11,335.250
07	+0.01631	+81,908.00	+0.00	+81,796.80	+12,611.528	+14,265.500
08	+0.01604	+81,699.42	+0.00	+80,938.77	+12,402.753	+14,265.500
09	+0.01586	+75,690.14	+0.00	+75,496.59	+12,263.570	+14,442.750
10	+0.01595	+73,537.30	+0.00	+73,371.84	+12,333.162	+14,442.750
11	+0.01618	+73,925.94	+0.00	+73,861.76	+12,511.007	+11,858.500
12	+0.01626	+75,192.30	+0.00	+74,917.90	+12,572.866	+11,858.500
13	+0.01666	+72,962.11	+0.00	+72,811.57	+12,882.162	+12,632.500
14	+0.01718	+64,971.59	+0.00	+64,868.79	+13,284.246	+12,632.500
15	+0.01764	+49,635.24	+0.00	+49,246.09	+13,639.936	+18,701.120
16	+0.01813	+39,410.67	+0.00	+39,229.71	+14,018.823	+18,701.120
17	+0.01875	+44,713.33	+0.00	+44,665.59	+14,498.231	+7,477.050
18	+0.01972	+39,255.26	+0.00	+39,183.64	+15,248.273	+7,477.050
19	+0.02057	+26,647.13	+0.00	+26,645.36	+15,905.526	-1,176.000
20	+0.02126	+26,657.73	+0.00	+26,487.80	+16,439.061	-1,176.000
21	+0.02188	+27,832.12	+0.00	+27,732.43	+16,918.469	-551.500
22	+0.02193	+33,185.15	+0.00	+33,028.31	+16,957.131	+4,670.430
23	+0.02199	+35,224.07	+0.00	+35,190.46	+17,003.526	+4,746.930
24	+0.02209	+20,309.02	+0.00	+20,227.11	+17,080.849	+4,746.930
25	+0.02230	+9,675.19	+0.00	+8,894.35	+17,243.230	+4,746.930
26	+0.02229	+14,729.08	+0.00	+14,052.40	+17,235.497	+4,746.930
27	+0.02254	+17,198.75	+0.00	+16,368.10	+17,428.807	+5,221.930
28	+0.02263	+14,490.80	+0.00	+14,127.13	+17,498.398	+0.000
29	+0.02306	+13,948.92	+0.00	+12,881.60	+17,830.891	+0.000
30	+0.02355	+15,022.17	+0.00	+12,549.63	+18,209.778	+0.000
31	+0.02425	+10,259.30	+0.00	+8,210.41	+18,751.046	+0.000
32	+0.02525	+21,986.04	+0.00	+21,769.63	+19,524.285	+0.000
33	+0.02674	+35,880.41	+0.00	+35,876.77	+20,676.411	+5,221.930
34	+0.02746	+37,460.60	+0.00	+37,105.08	+21,233.143	+5,221.930
35	+0.02767	+38,986.25	+0.00	+38,948.59	+21,395.523	+5,221.930
36	+0.02761	+41,545.20	+0.00	+41,086.27	+21,349.129	+5,221.930
37	+0.02738	+52,526.26	+0.00	+51,926.23	+21,171.284	+5,221.930
38	+0.02683	+40,127.96	+0.00	+40,088.73	+20,746.002	+5,221.930
39	+0.02612	+40,986.48	+0.00	+40,204.40	+20,197.003	+5,221.930
40	+0.02532	+25,298.32	+0.00	+24,909.47	+19,578.411	+0.000
41	+0.02451	+35,711.67	+0.00	+35,516.32	+18,952.088	+0.000
42	+0.02357	+39,079.29	+0.00	+38,672.88	+18,225.243	+568.750

43	+0.02249	+41,639.89	+ .00	+41,055.10	+17,390.145	+568.750
44	+0.02147	+54,550.48	+ .00	+53,826.55	+16,601.441	+568.750
45	+0.02001	+59,460.93	+ .00	+58,902.09	+15,472.512	-8,369.250
46	+0.01897	+58,337.12	+ .00	+58,167.52	+14,668.344	-8,844.250
47	+0.01747	+79,477.18	+ .00	+78,639.22	+13,508.485	-10,371.500
48	+0.01658	+112,240.28	+ .00	+112,161.67	+12,820.303	-10,846.500

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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	-1,713.080	+498.279	+73.026	+1,905.735	+0.000	+13,910.319
02	-1,737.437	+505.364	+74.065	+1,932.831	+0.000	+14,108.096
03	-1,688.724	+491.195	+71.988	+1,878.640	+0.000	+13,712.542
04	-1,652.189	+480.568	+70.431	+1,837.996	+0.000	+13,415.877
05	-1,660.308	+482.929	+70.777	+1,847.028	+0.000	+13,481.802
06	-1,647.114	+479.092	+70.214	+1,832.351	+0.000	+13,374.673
07	-1,655.233	+481.453	+70.561	+1,841.383	+0.000	+13,440.599
08	-1,627.832	+473.483	+69.392	+1,810.900	+0.000	+13,218.099
09	-1,609.565	+468.170	+68.614	+1,790.578	+0.000	+13,069.767
10	-1,618.698	+470.827	+69.003	+1,800.739	+0.000	+13,143.933
11	-1,642.040	+477.616	+69.998	+1,826.706	+0.000	+13,333.469
12	-1,650.159	+479.977	+70.344	+1,835.738	+0.000	+13,399.395
13	-1,690.753	+491.785	+72.075	+1,880.898	+0.000	+13,729.024
14	-1,743.526	+507.135	+74.324	+1,939.605	+0.000	+14,157.540
15	-1,790.209	+520.714	+76.314	+1,991.539	+0.000	+14,536.613
16	-1,839.937	+535.178	+78.434	+2,046.859	+0.000	+14,940.408
17	-1,902.859	+553.480	+81.116	+2,116.856	+0.000	+15,451.332
18	-2,001.300	+582.113	+85.313	+2,226.368	+0.000	+16,250.681
19	-2,087.563	+607.204	+88.990	+2,322.333	+0.000	+16,951.141
20	-2,157.588	+627.572	+91.975	+2,400.233	+0.000	+17,519.750
21	-2,220.509	+645.874	+94.657	+2,470.230	+0.000	+18,030.674
22	-2,225.583	+647.350	+94.874	+2,475.875	+0.000	+18,071.878
23	-2,231.673	+649.121	+95.133	+2,482.649	+0.000	+18,121.322
24	-2,241.821	+652.073	+95.566	+2,493.939	+0.000	+18,203.729
25	-2,263.133	+658.272	+96.475	+2,517.648	+0.000	+18,376.784
26	-2,262.118	+657.977	+96.431	+2,516.519	+0.000	+18,368.543
27	-2,287.490	+665.356	+97.513	+2,544.744	+0.000	+18,574.561
28	-2,296.623	+668.013	+97.902	+2,554.905	+0.000	+18,648.728
29	-2,340.262	+680.706	+99.762	+2,603.451	+0.000	+19,003.078
30	-2,389.990	+695.170	+101.882	+2,658.772	+0.000	+19,406.873
31	-2,461.030	+715.834	+104.911	+2,737.801	+0.000	+19,983.723
32	-2,562.516	+745.353	+109.237	+2,850.700	+0.000	+20,807.794
33	-2,713.730	+789.336	+115.683	+3,018.920	+0.000	+22,035.660
34	-2,786.800	+810.589	+118.798	+3,100.207	+0.000	+22,628.991
35	-2,808.112	+816.788	+119.706	+3,123.916	+0.000	+22,802.046
36	-2,802.023	+815.017	+119.447	+3,117.142	+0.000	+22,752.601
37	-2,778.681	+808.228	+118.452	+3,091.175	+0.000	+22,563.065
38	-2,722.864	+791.992	+116.072	+3,029.080	+0.000	+22,109.826
39	-2,650.809	+771.034	+113.001	+2,948.922	+0.000	+21,524.736
40	-2,569.620	+747.419	+109.540	+2,858.603	+0.000	+20,865.479
41	-2,487.417	+723.509	+106.035	+2,767.155	+0.000	+20,197.981
42	-2,392.020	+695.761	+101.969	+2,661.030	+0.000	+19,423.354

43	-2,282.415	+663.880	+97.296	+2,539.099	+.000	+18,533.358
44	-2,178.900	+633.771	+92.884	+2,423.942	+.000	+17,692.805
45	-2,030.731	+590.673	+86.567	+2,259.109	+.000	+16,489.662
46	-1,925.185	+559.974	+82.068	+2,141.694	+.000	+15,632.628
47	-1,772.957	+515.695	+75.579	+1,972.346	+.000	+14,396.521
48	-1,682.634	+489.424	+71.729	+1,871.866	+.000	+13,663.098

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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	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(£)
01	+.000	+106.478	+.000	+.000	+.000	+.000
02	+.000	+107.992	+.000	+.000	+.000	+.000
03	+.000	+104.964	+.000	+.000	+.000	+.000
04	+.000	+102.693	+.000	+.000	+.000	+.000
05	+.000	+103.198	+.000	+.000	+.000	+.000
06	+.000	+102.378	+.000	+.000	+.000	+.000
07	+.000	+102.882	+.000	+.000	+.000	+.000
08	+.000	+101.179	+.000	+.000	+.000	+.000
09	+.000	+100.044	+.000	+.000	+.000	+.000
10	+.000	+100.611	+.000	+.000	+.000	+.000
11	+.000	+102.062	+.000	+.000	+.000	+.000
12	+.000	+102.567	+.000	+.000	+.000	+.000
13	+.000	+105.090	+.000	+.000	+.000	+.000
14	+.000	+108.370	+.000	+.000	+.000	+.000
15	+.000	+111.272	+.000	+.000	+.000	+.000
16	+.000	+114.363	+.000	+.000	+.000	+.000
17	+.000	+118.274	+.000	+.000	+.000	+.000
18	+.000	+124.392	+.000	+.000	+.000	+.000
19	+.000	+129.754	+.000	+.000	+.000	+.000
20	+.000	+134.106	+.000	+.000	+.000	+.000
21	+.000	+138.017	+.000	+.000	+.000	+.000
22	+.000	+138.333	+.000	+.000	+.000	+.000
23	+.000	+138.711	+.000	+.000	+.000	+.000
24	+.000	+139.342	+.000	+.000	+.000	+.000
25	+.000	+140.667	+.000	+.000	+.000	+.000
26	+.000	+140.604	+.000	+.000	+.000	+.000
27	+.000	+142.181	+.000	+.000	+.000	+.000
28	+.000	+142.748	+.000	+.000	+.000	+.000
29	+.000	+145.461	+.000	+.000	+.000	+.000
30	+.000	+148.552	+.000	+.000	+.000	+.000
31	+.000	+152.967	+.000	+.000	+.000	+.000
32	+.000	+159.275	+.000	+.000	+.000	+.000
33	+.000	+168.674	+.000	+.000	+.000	+.000
34	+.000	+173.215	+.000	+.000	+.000	+.000
35	+.000	+174.540	+.000	+.000	+.000	+.000
36	+.000	+174.162	+.000	+.000	+.000	+.000
37	+.000	+172.711	+.000	+.000	+.000	+.000
38	+.000	+169.241	+.000	+.000	+.000	+.000
39	+.000	+164.763	+.000	+.000	+.000	+.000
40	+.000	+159.717	+.000	+.000	+.000	+.000
41	+.000	+154.607	+.000	+.000	+.000	+.000
42	+.000	+148.678	+.000	+.000	+.000	+.000

43	+.000	+141.865	+.000	+.000	+.000	+.000
44	+.000	+135.431	+.000	+.000	+.000	+.000
45	+.000	+126.221	+.000	+.000	+.000	+.000
46	+.000	+119.661	+.000	+.000	+.000	+.000
47	+.000	+110.199	+.000	+.000	+.000	+.000
48	+.000	+104.585	+.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	+133,872.292
02	+ .000	+136,228.482
03	+ .000	+139,888.752
04	+ .000	+140,249.456
05	+ .000	+155,151.086
06	+ .000	+132,326.412
07	+ .000	+122,955.472
08	+ .000	+121,652.246
09	+ .000	+116,090.518
10	+ .000	+114,114.167
11	+ .000	+112,399.078
12	+ .000	+113,587.129
13	+ .000	+112,914.349
14	+ .000	+105,828.985
15	+ .000	+97,033.388
16	+ .000	+87,824.957
17	+ .000	+83,059.071
18	+ .000	+79,176.531
19	+ .000	+59,386.745
20	+ .000	+60,366.910
21	+ .000	+63,258.343
22	+ .000	+73,858.597
23	+ .000	+76,196.180
24	+ .000	+61,397.717
25	+ .000	+50,411.221
26	+ .000	+55,552.783
27	+ .000	+58,755.702
28	+ .000	+51,441.201
29	+ .000	+50,904.687
30	+ .000	+51,380.667
31	+ .000	+48,195.660
32	+ .000	+63,403.757
33	+ .000	+85,189.652
34	+ .000	+87,605.153
35	+ .000	+89,794.927
36	+ .000	+91,833.675
37	+ .000	+102,294.393
38	+ .000	+89,550.011
39	+ .000	+88,494.979
40	+ .000	+66,659.018
41	+ .000	+75,930.278
42	+ .000	+78,105.644

43	+.000	+78,707.078
44	+.000	+89,796.674
45	+.000	+83,526.855
46	+.000	+80,602.453
47	+.000	+97,073.589
48	+.000	+128,653.539