

Date: 11/11/2019

Settlement Day:17/10/2019

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: 200

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,296,021.460	+324,418,808.590
Balancing Services Contract Cost	+720,940.695	+178,359,409.744
Balancing Services Cost Variable	+756,270.990	+81,134,368.135
ESO Incentive Recovery Costs	+0.000	+7,000,000.000
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+126,007.293	+23,106,542.650
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+164,814,208.000
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+825,684.000
ESO Incentive Recovery t-1	+80,000.000	+720,000.000
ALoMCP Recovery	-81,709.830	-735,388.470
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+164,814,208.000
Total External Costs	+2,901,659.028	+614,829,424.649
Total Adjusted Energy Volume (MWh)	+1,413,632.706	

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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	+21,895.568	+100,290.589	+4.58041
02	+21,532.353	+95,726.475	+4.44570
03	+21,472.738	+94,690.697	+4.40981
04	+21,782.298	+95,172.774	+4.36927
05	+21,766.916	+94,341.569	+4.33417
06	+21,625.839	+93,090.896	+4.30461
07	+21,266.835	+97,007.742	+4.56146
08	+21,192.305	+93,395.540	+4.40705
09	+21,086.915	+92,168.129	+4.37087
10	+21,177.146	+91,311.906	+4.31181
11	+21,853.138	+97,824.606	+4.47646
12	+22,873.588	+85,019.011	+3.71691
13	+26,261.643	+74,250.561	+2.82734
14	+29,121.983	+64,696.415	+2.22157
15	+32,118.333	+52,540.903	+1.63585
16	+33,502.469	+57,745.752	+1.72363
17	+34,087.090	+63,935.121	+1.87564
18	+33,641.861	+54,422.185	+1.61769
19	+33,484.081	+50,436.547	+1.50628
20	+33,162.552	+45,733.727	+1.37908
21	+32,750.439	+59,193.070	+1.80740
22	+32,153.448	+55,196.176	+1.71665
23	+31,809.791	+73,076.326	+2.29729
24	+31,494.345	+68,385.450	+2.17136
25	+31,567.441	+79,407.952	+2.51550
26	+31,434.244	+86,355.063	+2.74717
27	+31,457.257	+86,920.967	+2.76315
28	+31,217.158	+79,707.303	+2.55332
29	+31,423.618	+90,035.688	+2.86522
30	+31,752.566	+80,595.139	+2.53822
31	+31,557.844	+67,025.538	+2.12389
32	+32,334.582	+72,666.038	+2.24732
33	+33,638.510	+39,493.925	+1.17407
34	+34,675.388	+54,594.005	+1.57443
35	+35,471.960	+77,323.660	+2.17985
36	+36,164.931	+74,391.504	+2.05701
37	+36,604.680	+85,032.960	+2.32301
38	+37,295.608	+90,249.034	+2.41983
39	+36,652.198	+68,391.687	+1.86596
40	+35,650.400	+74,890.457	+2.10069
41	+34,926.824	+64,566.824	+1.84863
42	+33,455.598	+63,910.188	+1.91030

43	+31,465.369	+78,864.811	+2.50640
44	+29,503.827	+81,158.723	+2.75079
45	+28,027.280	+77,268.248	+2.75689
46	+26,105.261	+80,190.673	+3.07182
47	+24,568.578	+93,715.996	+3.81447
48	+23,567.910	+129,338.255	+5.48790

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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	+0.01549	+66,183.77	+11,167.371	+8,185.270	+0.000	+0.000
02	+0.01523	+62,054.75	+10,979.927	+8,185.270	+0.000	+0.000
03	+0.01519	+61,005.28	+10,951.089	+8,265.900	+0.000	+0.000
04	+0.01541	+61,119.20	+11,109.696	+8,265.900	+0.000	+0.000
05	+0.01540	+60,290.66	+11,102.487	+8,279.970	+0.000	+0.000
06	+0.01530	+59,207.33	+11,030.393	+8,279.970	+0.000	+0.000
07	+0.01504	+63,671.77	+10,842.948	+8,167.470	+0.000	+0.000
08	+0.01499	+60,143.24	+10,806.901	+8,167.470	+0.000	+0.000
09	+0.01492	+58,350.49	+10,756.435	+8,849.950	+0.000	+0.000
10	+0.01498	+57,393.86	+10,799.692	+8,849.950	+0.000	+0.000
11	+0.01546	+46,209.53	+11,145.743	+25,743.730	+0.000	+0.000
12	+0.01618	+32,199.06	+11,664.820	+25,743.730	+0.000	+0.000
13	+0.01858	+28,762.54	+13,395.078	+14,395.550	+0.000	+0.000
14	+0.02060	+15,828.05	+14,851.378	+14,395.550	+0.000	+0.000
15	+0.02272	+9,304.85	+16,379.773	+5,215.550	+0.000	+0.000
16	+0.02370	+12,869.73	+17,086.294	+5,215.550	+0.000	+0.000
17	+0.02411	+18,372.99	+17,381.880	+5,215.550	+0.000	+0.000
18	+0.02380	+9,378.82	+17,158.389	+5,215.550	+0.000	+0.000
19	+0.02369	+5,577.26	+17,079.085	+5,215.550	+0.000	+0.000
20	+0.02346	+1,259.33	+16,913.269	+5,215.550	+0.000	+0.000
21	+0.02317	+10,455.97	+16,704.196	+9,963.550	+0.000	+0.000
22	+0.02275	+7,161.92	+16,401.401	+9,963.550	+0.000	+0.000
23	+0.02250	+8,794.18	+16,221.166	+26,629.800	+0.000	+0.000
24	+0.02228	+4,471.46	+16,062.559	+26,629.800	+0.000	+0.000
25	+0.02233	+7,987.86	+16,098.606	+34,052.230	+0.000	+0.000
26	+0.02224	+15,085.58	+16,033.721	+34,052.230	+0.000	+0.000
27	+0.02225	+11,217.41	+16,040.930	+38,469.570	+0.000	+0.000
28	+0.02208	+4,288.23	+15,918.371	+38,469.570	+0.000	+0.000
29	+0.02223	+5,725.86	+16,026.512	+47,109.310	+0.000	+0.000
30	+0.02246	-4,099.58	+16,192.328	+47,109.310	+0.000	+0.000
31	+0.02232	-20,726.09	+16,091.396	+50,400.500	+0.000	+0.000
32	+0.02287	-16,005.98	+16,487.914	+50,400.500	+0.000	+0.000
33	+0.02380	-333.89	+17,158.389	+0.000	+0.000	+0.000
34	+0.02453	+13,544.58	+17,684.675	+0.000	+0.000	+0.000
35	+0.02509	+16,991.32	+18,088.402	+18,345.790	+0.000	+0.000
36	+0.02558	+13,239.18	+18,441.663	+18,345.790	+0.000	+0.000
37	+0.02589	+2,078.65	+18,665.155	+39,629.010	+0.000	+0.000
38	+0.02638	+6,474.74	+19,018.416	+39,629.010	+0.000	+0.000
39	+0.02593	+5,972.23	+18,693.992	+19,027.220	+0.000	+0.000
40	+0.02522	+13,659.14	+18,182.124	+19,027.220	+0.000	+0.000
41	+0.02471	+18,000.63	+17,814.445	+5,215.550	+0.000	+0.000
42	+0.02367	+24,299.92	+17,064.666	+0.000	+0.000	+0.000

43	+0.02226	+41,614.09	+16,048.140	+ .000	+ .000	+ .000
44	+0.02087	+46,234.08	+15,046.032	+ .000	+ .000	+ .000
45	+0.01983	+44,083.98	+14,296.254	+ .000	+ .000	+ .000
46	+0.01847	+49,282.28	+13,315.775	+ .000	+ .000	+ .000
47	+0.01738	+70,265.40	+12,529.949	-5,633.750	+ .000	+ .000
48	+0.01667	+107,075.80	+12,018.081	-5,633.750	+ .000	+ .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	+1,951.853	+0.000	+12,764.860	+0.000	+0.000
02	+0.000	+1,919.091	+0.000	+12,550.602	+0.000	+0.000
03	+0.000	+1,914.051	+0.000	+12,517.639	+0.000	+0.000
04	+0.000	+1,941.772	+0.000	+12,698.935	+0.000	+0.000
05	+0.000	+1,940.512	+0.000	+12,690.694	+0.000	+0.000
06	+0.000	+1,927.912	+0.000	+12,608.287	+0.000	+0.000
07	+0.000	+1,895.150	+0.000	+12,394.028	+0.000	+0.000
08	+0.000	+1,888.849	+0.000	+12,352.825	+0.000	+0.000
09	+0.000	+1,880.029	+0.000	+12,295.140	+0.000	+0.000
10	+0.000	+1,887.589	+0.000	+12,344.584	+0.000	+0.000
11	+0.000	+1,948.073	+0.000	+12,740.138	+0.000	+0.000
12	+0.000	+2,038.798	+0.000	+13,333.469	+0.000	+0.000
13	+0.000	+2,341.216	+0.000	+15,311.240	+0.000	+0.000
14	+0.000	+2,595.750	+0.000	+16,975.863	+0.000	+0.000
15	+0.000	+2,862.886	+0.000	+18,722.894	+0.000	+0.000
16	+0.000	+2,986.373	+0.000	+19,530.484	+0.000	+0.000
17	+0.000	+3,038.036	+0.000	+19,868.353	+0.000	+0.000
18	+0.000	+2,998.974	+0.000	+19,612.891	+0.000	+0.000
19	+0.000	+2,985.113	+0.000	+19,522.243	+0.000	+0.000
20	+0.000	+2,956.131	+0.000	+19,332.707	+0.000	+0.000
21	+0.000	+2,919.589	+0.000	+19,093.726	+0.000	+0.000
22	+0.000	+2,866.666	+0.000	+18,747.616	+0.000	+0.000
23	+0.000	+2,835.164	+0.000	+18,541.598	+0.000	+0.000
24	+0.000	+2,807.442	+0.000	+18,360.303	+0.000	+0.000
25	+0.000	+2,813.743	+0.000	+18,401.506	+0.000	+0.000
26	+0.000	+2,802.402	+0.000	+18,327.340	+0.000	+0.000
27	+0.000	+2,803.662	+0.000	+18,335.581	+0.000	+0.000
28	+0.000	+2,782.241	+0.000	+18,195.489	+0.000	+0.000
29	+0.000	+2,801.142	+0.000	+18,319.099	+0.000	+0.000
30	+0.000	+2,830.124	+0.000	+18,508.636	+0.000	+0.000
31	+0.000	+2,812.483	+0.000	+18,393.266	+0.000	+0.000
32	+0.000	+2,881.787	+0.000	+18,846.505	+0.000	+0.000
33	+0.000	+2,998.974	+0.000	+19,612.891	+0.000	+0.000
34	+0.000	+3,090.959	+0.000	+20,214.463	+0.000	+0.000
35	+0.000	+3,161.523	+0.000	+20,675.942	+0.000	+0.000
36	+0.000	+3,223.267	+0.000	+21,079.737	+0.000	+0.000
37	+0.000	+3,262.329	+0.000	+21,335.199	+0.000	+0.000
38	+0.000	+3,324.072	+0.000	+21,738.994	+0.000	+0.000
39	+0.000	+3,267.369	+0.000	+21,368.162	+0.000	+0.000
40	+0.000	+3,177.904	+0.000	+20,783.072	+0.000	+0.000
41	+0.000	+3,113.640	+0.000	+20,362.795	+0.000	+0.000
42	+0.000	+2,982.593	+0.000	+19,505.762	+0.000	+0.000

43	+.000	+2,804.922	+.000	+18,343.821	+.000	+.000
44	+.000	+2,629.772	+.000	+17,198.363	+.000	+.000
45	+.000	+2,498.725	+.000	+16,341.329	+.000	+.000
46	+.000	+2,327.355	+.000	+15,220.592	+.000	+.000
47	+.000	+2,190.007	+.000	+14,322.355	+.000	+.000
48	+.000	+2,100.542	+.000	+13,737.264	+.000	+.000

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BALANCING SERVICES USE OF SYSTEM CHARGE - SETTLEMENT PERIOD COMPONENTS CONT D...

Settlement Period	EMR Incentive Revenue	ESO Incentive Recovery t-1	ALoMCP Recovery	Wind forecast Incentive(f)	Provision of Balancing Services to Others(f)	Total Period BSUoS charges(f)
01	+63.949	+1,239.200	-1,265.685	+0.000	+0.000	+100,290.589
02	+62.876	+1,218.400	-1,244.441	+0.000	+0.000	+95,726.475
03	+62.711	+1,215.200	-1,241.172	+0.000	+0.000	+94,690.697
04	+63.619	+1,232.800	-1,259.148	+0.000	+0.000	+95,172.774
05	+63.578	+1,232.000	-1,258.331	+0.000	+0.000	+94,341.569
06	+63.165	+1,224.000	-1,250.160	+0.000	+0.000	+93,090.896
07	+62.091	+1,203.200	-1,228.916	+0.000	+0.000	+97,007.742
08	+61.885	+1,199.200	-1,224.830	+0.000	+0.000	+93,395.540
09	+61.596	+1,193.600	-1,219.111	+0.000	+0.000	+92,168.129
10	+61.844	+1,198.400	-1,224.013	+0.000	+0.000	+91,311.906
11	+63.825	+1,236.800	-1,263.234	+0.000	+0.000	+97,824.606
12	+66.798	+1,294.400	-1,322.065	+0.000	+0.000	+85,019.011
13	+76.706	+1,486.400	-1,518.169	+0.000	+0.000	+74,250.561
14	+85.045	+1,648.000	-1,683.222	+0.000	+0.000	+64,696.415
15	+93.798	+1,817.600	-1,856.447	+0.000	+0.000	+52,540.903
16	+97.844	+1,896.000	-1,936.523	+0.000	+0.000	+57,745.752
17	+99.536	+1,928.800	-1,970.024	+0.000	+0.000	+63,935.121
18	+98.256	+1,904.000	-1,944.694	+0.000	+0.000	+54,422.185
19	+97.802	+1,895.200	-1,935.706	+0.000	+0.000	+50,436.547
20	+96.853	+1,876.800	-1,916.913	+0.000	+0.000	+45,733.727
21	+95.655	+1,853.600	-1,893.217	+0.000	+0.000	+59,193.070
22	+93.922	+1,820.000	-1,858.899	+0.000	+0.000	+55,196.176
23	+92.889	+1,800.000	-1,838.471	+0.000	+0.000	+73,076.326
24	+91.981	+1,782.400	-1,820.495	+0.000	+0.000	+68,385.450
25	+92.188	+1,786.400	-1,824.581	+0.000	+0.000	+79,407.952
26	+91.816	+1,779.200	-1,817.227	+0.000	+0.000	+86,355.063
27	+91.857	+1,780.000	-1,818.044	+0.000	+0.000	+86,920.967
28	+91.156	+1,766.400	-1,804.153	+0.000	+0.000	+79,707.303
29	+91.775	+1,778.400	-1,816.410	+0.000	+0.000	+90,035.688
30	+92.724	+1,796.800	-1,835.203	+0.000	+0.000	+80,595.139
31	+92.146	+1,785.600	-1,823.763	+0.000	+0.000	+67,025.538
32	+94.417	+1,829.600	-1,868.704	+0.000	+0.000	+72,666.038
33	+98.256	+1,904.000	-1,944.694	+0.000	+0.000	+39,493.925
34	+101.270	+1,962.400	-2,004.342	+0.000	+0.000	+54,594.005
35	+103.582	+2,007.200	-2,050.100	+0.000	+0.000	+77,323.660
36	+105.605	+2,046.400	-2,090.137	+0.000	+0.000	+74,391.504
37	+106.885	+2,071.200	-2,115.467	+0.000	+0.000	+85,032.960
38	+108.908	+2,110.400	-2,155.505	+0.000	+0.000	+90,249.034
39	+107.050	+2,074.400	-2,118.736	+0.000	+0.000	+68,391.687
40	+104.119	+2,017.600	-2,060.722	+0.000	+0.000	+74,890.457
41	+102.013	+1,976.800	-2,019.050	+0.000	+0.000	+64,566.824
42	+97.720	+1,893.600	-1,934.072	+0.000	+0.000	+63,910.188

43	+91.899	+1,780.800	-1,818.861	+.000	+.000	+78,864.811
44	+86.160	+1,669.600	-1,705.284	+.000	+.000	+81,158.723
45	+81.867	+1,586.400	-1,620.306	+.000	+.000	+77,268.248
46	+76.252	+1,477.600	-1,509.181	+.000	+.000	+80,190.673
47	+71.752	+1,390.400	-1,420.117	+.000	+.000	+93,715.996
48	+68.821	+1,333.600	-1,362.103	+.000	+.000	+129,338.255