

Date: 18/11/2019

Settlement Day:10/11/2019

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: 224

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,526,592.180	+374,454,368.530
Balancing Services Contract Cost	+916,777.435	+165,439,175.221
Balancing Services Cost Variable	+292,027.350	+94,438,307.225
ESO Incentive Recovery Costs	+0.000	+7,581,967.850
Black Start Capital Costs	+0.000	+0.000
Black Start Testing Costs	+0.000	+0.000
Black Start Availability Costs	+123,287.671	+27,614,424.607
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+184,591,912.960
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+924,766.080
ESO Incentive Recovery t-1	+80,000.000	+1,440,000.000
ALoMCP Recovery	-81,709.830	-1,470,776.940
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+184,591,912.960
Total External Costs	+2,861,103.226	+670,422,232.573
Total Adjusted Energy Volume (MWh)	+1,322,431.745	

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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	+22,354.954	+84,115.205	+3.76271
02	+22,527.073	+82,038.327	+3.64177
03	+22,100.969	+70,278.420	+3.17988
04	+21,411.618	+69,539.851	+3.24776
05	+21,535.494	+76,040.241	+3.53093
06	+21,150.397	+70,190.210	+3.31862
07	+21,001.994	+72,599.719	+3.45680
08	+20,935.482	+68,617.441	+3.27757
09	+20,848.668	+69,927.168	+3.35404
10	+20,789.639	+67,372.260	+3.24067
11	+20,762.196	+84,999.449	+4.09395
12	+21,140.509	+77,185.310	+3.65106
13	+22,015.158	+73,356.816	+3.33210
14	+23,317.788	+66,948.930	+2.87115
15	+24,469.225	+68,773.823	+2.81063
16	+25,224.976	+66,956.299	+2.65437
17	+26,028.010	+40,699.597	+1.56368
18	+27,198.728	+56,099.811	+2.06259
19	+28,111.101	+69,120.164	+2.45882
20	+28,500.854	+50,133.715	+1.75902
21	+28,597.885	+39,509.849	+1.38157
22	+28,495.087	+43,300.785	+1.51959
23	+28,354.755	+38,256.434	+1.34921
24	+28,705.879	+41,406.453	+1.44244
25	+29,113.938	+40,025.245	+1.37478
26	+29,411.265	+41,186.907	+1.40038
27	+29,584.504	+45,826.449	+1.54900
28	+29,638.879	+44,650.712	+1.50649
29	+30,146.301	+46,715.848	+1.54964
30	+30,821.081	+58,497.211	+1.89796
31	+31,817.477	+77,062.007	+2.42200
32	+32,962.239	+83,213.270	+2.52450
33	+34,915.031	+104,866.215	+3.00347
34	+36,429.099	+119,567.703	+3.28220
35	+37,197.651	+120,830.395	+3.24833
36	+37,050.956	+116,578.924	+3.14645
37	+36,735.211	+115,885.081	+3.15461
38	+35,923.789	+111,507.527	+3.10400
39	+34,882.923	+106,250.634	+3.04592
40	+33,462.610	+84,680.345	+2.53060
41	+32,521.314	+90,567.221	+2.78486
42	+31,085.291	+73,538.802	+2.36571

43	+29,872.111	+90,829.651	+3.04062
44	+27,922.327	+88,524.740	+3.17039
45	+26,468.930	+97,643.846	+3.68900
46	+24,751.168	+95,039.465	+3.83980
47	+22,481.845	+124,885.901	+5.55497
48	+21,657.366	+159,352.557	+7.35789

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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	+0.01690	+48,428.43	+15,493.539	+4,142.000	+0.000	+0.000
02	+0.01703	+46,108.90	+15,612.720	+4,142.000	+0.000	+0.000
03	+0.01671	+35,813.39	+15,319.351	+3,274.900	+0.000	+0.000
04	+0.01619	+36,045.43	+14,842.627	+3,274.900	+0.000	+0.000
05	+0.01628	+43,533.73	+14,925.137	+2,119.000	+0.000	+0.000
06	+0.01599	+38,225.00	+14,659.271	+2,119.000	+0.000	+0.000
07	+0.01588	+40,793.33	+14,558.426	+2,165.500	+0.000	+0.000
08	+0.01583	+36,904.38	+14,512.587	+2,165.500	+0.000	+0.000
09	+0.01577	+37,112.60	+14,457.580	+3,379.000	+0.000	+0.000
10	+0.01572	+34,651.02	+14,411.741	+3,379.000	+0.000	+0.000
11	+0.01570	+53,739.04	+14,393.406	+1,955.500	+0.000	+0.000
12	+0.01599	+45,383.60	+14,659.271	+1,955.500	+0.000	+0.000
13	+0.01665	+38,276.56	+15,264.344	+4,002.120	+0.000	+0.000
14	+0.01763	+30,039.45	+16,162.786	+4,002.120	+0.000	+0.000
15	+0.01850	+18,533.41	+16,960.383	+15,709.150	+0.000	+0.000
16	+0.01907	+15,651.95	+17,482.946	+15,709.150	+0.000	+0.000
17	+0.01968	+3,493.30	+18,042.180	+472.500	+0.000	+0.000
18	+0.02057	+17,232.28	+18,858.112	+472.500	+0.000	+0.000
19	+0.02126	+28,964.71	+19,490.688	+472.500	+0.000	+0.000
20	+0.02155	+9,909.46	+19,756.554	+0.000	+0.000	+0.000
21	+0.02163	-863.73	+19,829.896	+0.000	+0.000	+0.000
22	+0.02155	-2,290.74	+19,756.554	+5,367.270	+0.000	+0.000
23	+0.02144	-7,129.77	+19,655.708	+5,367.270	+0.000	+0.000
24	+0.02171	-4,483.72	+19,903.238	+5,367.270	+0.000	+0.000
25	+0.02202	-6,443.56	+20,187.439	+5,367.270	+0.000	+0.000
26	+0.02224	-5,692.54	+20,389.130	+5,367.270	+0.000	+0.000
27	+0.02237	-1,295.65	+20,508.311	+5,367.270	+0.000	+0.000
28	+0.02241	+2,821.22	+20,544.982	+0.000	+0.000	+0.000
29	+0.02280	+4,158.40	+20,902.526	+0.000	+0.000	+0.000
30	+0.02331	+14,987.82	+21,370.082	+0.000	+0.000	+0.000
31	+0.02406	+32,152.70	+22,057.665	+0.000	+0.000	+0.000
32	+0.02493	+36,680.06	+22,855.261	+0.000	+0.000	+0.000
33	+0.02640	+50,221.90	+24,202.924	+5,367.270	+0.000	+0.000
34	+0.02755	+62,776.85	+25,257.218	+5,367.270	+0.000	+0.000
35	+0.02813	+62,956.94	+25,788.949	+5,367.270	+0.000	+0.000
36	+0.02802	+58,910.79	+25,688.104	+5,367.270	+0.000	+0.000
37	+0.02778	+58,664.92	+25,468.077	+5,367.270	+0.000	+0.000
38	+0.02716	+55,444.63	+24,899.675	+5,367.270	+0.000	+0.000
39	+0.02638	+51,643.65	+24,184.589	+5,367.270	+0.000	+0.000
40	+0.02530	+37,456.51	+23,194.469	+0.000	+0.000	+0.000
41	+0.02459	+44,668.64	+22,543.557	+0.000	+0.000	+0.000
42	+0.02351	+29,656.10	+21,553.437	+0.000	+0.000	+0.000

43	+0.02259	+30,896.68	+20,710.002	+17,767.500	+.000	+.000
44	+0.02111	+31,354.27	+19,353.172	+17,767.500	+.000	+.000
45	+0.02002	+21,265.72	+18,353.884	+39,009.700	+.000	+.000
46	+0.01872	+21,087.86	+17,162.074	+39,009.700	+.000	+.000
47	+0.01700	+76,261.17	+15,585.216	+16,893.300	+.000	+.000
48	+0.01638	+111,885.09	+15,016.814	+16,893.300	+.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	+2,083.562	+0.000	+13,926.801	+0.000	+0.000
02	+0.000	+2,099.589	+0.000	+14,033.930	+0.000	+0.000
03	+0.000	+2,060.137	+0.000	+13,770.227	+0.000	+0.000
04	+0.000	+1,996.027	+0.000	+13,341.710	+0.000	+0.000
05	+0.000	+2,007.123	+0.000	+13,415.877	+0.000	+0.000
06	+0.000	+1,971.370	+0.000	+13,176.896	+0.000	+0.000
07	+0.000	+1,957.808	+0.000	+13,086.248	+0.000	+0.000
08	+0.000	+1,951.644	+0.000	+13,045.045	+0.000	+0.000
09	+0.000	+1,944.247	+0.000	+12,995.600	+0.000	+0.000
10	+0.000	+1,938.082	+0.000	+12,954.397	+0.000	+0.000
11	+0.000	+1,935.616	+0.000	+12,937.915	+0.000	+0.000
12	+0.000	+1,971.370	+0.000	+13,176.896	+0.000	+0.000
13	+0.000	+2,052.740	+0.000	+13,720.783	+0.000	+0.000
14	+0.000	+2,173.562	+0.000	+14,528.372	+0.000	+0.000
15	+0.000	+2,280.822	+0.000	+15,245.314	+0.000	+0.000
16	+0.000	+2,351.096	+0.000	+15,715.035	+0.000	+0.000
17	+0.000	+2,426.301	+0.000	+16,217.718	+0.000	+0.000
18	+0.000	+2,536.027	+0.000	+16,951.141	+0.000	+0.000
19	+0.000	+2,621.096	+0.000	+17,519.750	+0.000	+0.000
20	+0.000	+2,656.849	+0.000	+17,758.731	+0.000	+0.000
21	+0.000	+2,666.712	+0.000	+17,824.657	+0.000	+0.000
22	+0.000	+2,656.849	+0.000	+17,758.731	+0.000	+0.000
23	+0.000	+2,643.288	+0.000	+17,668.083	+0.000	+0.000
24	+0.000	+2,676.575	+0.000	+17,890.582	+0.000	+0.000
25	+0.000	+2,714.795	+0.000	+18,146.044	+0.000	+0.000
26	+0.000	+2,741.918	+0.000	+18,327.340	+0.000	+0.000
27	+0.000	+2,757.945	+0.000	+18,434.469	+0.000	+0.000
28	+0.000	+2,762.877	+0.000	+18,467.432	+0.000	+0.000
29	+0.000	+2,810.959	+0.000	+18,788.820	+0.000	+0.000
30	+0.000	+2,873.836	+0.000	+19,209.096	+0.000	+0.000
31	+0.000	+2,966.301	+0.000	+19,827.149	+0.000	+0.000
32	+0.000	+3,073.562	+0.000	+20,544.091	+0.000	+0.000
33	+0.000	+3,254.795	+0.000	+21,755.475	+0.000	+0.000
34	+0.000	+3,396.575	+0.000	+22,703.157	+0.000	+0.000
35	+0.000	+3,468.082	+0.000	+23,181.118	+0.000	+0.000
36	+0.000	+3,454.521	+0.000	+23,090.471	+0.000	+0.000
37	+0.000	+3,424.932	+0.000	+22,892.693	+0.000	+0.000
38	+0.000	+3,348.493	+0.000	+22,381.769	+0.000	+0.000
39	+0.000	+3,252.329	+0.000	+21,738.994	+0.000	+0.000
40	+0.000	+3,119.178	+0.000	+20,848.997	+0.000	+0.000
41	+0.000	+3,031.644	+0.000	+20,263.907	+0.000	+0.000
42	+0.000	+2,898.493	+0.000	+19,373.910	+0.000	+0.000

43	+.000	+2,785.068	+.000	+18,615.765	+.000	+.000
44	+.000	+2,602.603	+.000	+17,396.140	+.000	+.000
45	+.000	+2,468.219	+.000	+16,497.902	+.000	+.000
46	+.000	+2,307.945	+.000	+15,426.610	+.000	+.000
47	+.000	+2,095.890	+.000	+14,009.208	+.000	+.000
48	+.000	+2,019.452	+.000	+13,498.284	+.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(£)	Provision of Balancing Services to Others(£)	Total Period BSUoS charges(£)
01	+69.770	+1,352.000	-1,380.896	+0.000	+0.000	+84,115.205
02	+70.307	+1,362.400	-1,391.518	+0.000	+0.000	+82,038.327
03	+68.986	+1,336.800	-1,365.371	+0.000	+0.000	+70,278.420
04	+66.839	+1,295.200	-1,322.882	+0.000	+0.000	+69,539.851
05	+67.211	+1,302.400	-1,330.236	+0.000	+0.000	+76,040.241
06	+66.013	+1,279.200	-1,306.540	+0.000	+0.000	+70,190.210
07	+65.559	+1,270.400	-1,297.552	+0.000	+0.000	+72,599.719
08	+65.353	+1,266.400	-1,293.467	+0.000	+0.000	+68,617.441
09	+65.105	+1,261.600	-1,288.564	+0.000	+0.000	+69,927.168
10	+64.899	+1,257.600	-1,284.479	+0.000	+0.000	+67,372.260
11	+64.816	+1,256.000	-1,282.844	+0.000	+0.000	+84,999.449
12	+66.013	+1,279.200	-1,306.540	+0.000	+0.000	+77,185.310
13	+68.738	+1,332.000	-1,360.469	+0.000	+0.000	+73,356.816
14	+72.784	+1,410.400	-1,440.544	+0.000	+0.000	+66,948.930
15	+76.376	+1,480.000	-1,511.632	+0.000	+0.000	+68,773.823
16	+78.729	+1,525.600	-1,558.206	+0.000	+0.000	+66,956.299
17	+81.247	+1,574.400	-1,608.049	+0.000	+0.000	+40,699.597
18	+84.922	+1,645.600	-1,680.771	+0.000	+0.000	+56,099.811
19	+87.770	+1,700.800	-1,737.151	+0.000	+0.000	+69,120.164
20	+88.967	+1,724.000	-1,760.847	+0.000	+0.000	+50,133.715
21	+89.298	+1,730.400	-1,767.384	+0.000	+0.000	+39,509.849
22	+88.967	+1,724.000	-1,760.847	+0.000	+0.000	+43,300.785
23	+88.513	+1,715.200	-1,751.859	+0.000	+0.000	+38,256.434
24	+89.628	+1,736.800	-1,773.920	+0.000	+0.000	+41,406.453
25	+90.908	+1,761.600	-1,799.250	+0.000	+0.000	+40,025.245
26	+91.816	+1,779.200	-1,817.227	+0.000	+0.000	+41,186.907
27	+92.353	+1,789.600	-1,827.849	+0.000	+0.000	+45,826.449
28	+92.518	+1,792.800	-1,831.117	+0.000	+0.000	+44,650.712
29	+94.128	+1,824.000	-1,862.984	+0.000	+0.000	+46,715.848
30	+96.233	+1,864.800	-1,904.656	+0.000	+0.000	+58,497.211
31	+99.330	+1,924.800	-1,965.939	+0.000	+0.000	+77,062.007
32	+102.922	+1,994.400	-2,037.026	+0.000	+0.000	+83,213.270
33	+108.990	+2,112.000	-2,157.140	+0.000	+0.000	+104,866.215
34	+113.738	+2,204.000	-2,251.106	+0.000	+0.000	+119,567.703
35	+116.132	+2,250.400	-2,298.498	+0.000	+0.000	+120,830.395
36	+115.678	+2,241.600	-2,289.509	+0.000	+0.000	+116,578.924
37	+114.688	+2,222.400	-2,269.899	+0.000	+0.000	+115,885.081
38	+112.128	+2,172.800	-2,219.239	+0.000	+0.000	+111,507.527
39	+108.908	+2,110.400	-2,155.505	+0.000	+0.000	+106,250.634
40	+104.449	+2,024.000	-2,067.259	+0.000	+0.000	+84,680.345
41	+101.518	+1,967.200	-2,009.245	+0.000	+0.000	+90,567.221
42	+97.059	+1,880.800	-1,920.998	+0.000	+0.000	+73,538.802

43	+93.261	+1,807.200	-1,845.825	+.000	+.000	+90,829.651
44	+87.151	+1,688.800	-1,724.895	+.000	+.000	+88,524.740
45	+82.651	+1,601.600	-1,635.831	+.000	+.000	+97,643.846
46	+77.284	+1,497.600	-1,529.608	+.000	+.000	+95,039.465
47	+70.183	+1,360.000	-1,389.067	+.000	+.000	+124,885.901
48	+67.624	+1,310.400	-1,338.407	+.000	+.000	+159,352.557