

Date: 13/11/2019

Settlement Day:21/10/2019

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: 204

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,105,603.950	+330,228,760.800
Balancing Services Contract Cost	+810,498.315	+181,451,956.394
Balancing Services Cost Variable	+790,699.880	+82,871,040.695
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	+129,241.053	+23,616,622.062
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+168,110,492.160
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+842,197.680
ESO Incentive Recovery t-1	+80,000.000	+1,040,000.000
ALoMCP Recovery	-81,709.830	-1,062,227.790
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+168,110,492.160
Total External Costs	+2,838,461.788	+625,988,349.841
Total Adjusted Energy Volume (MWh)	+1,484,706.259	

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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	+20,439.827	+83,116.093	+4.06638
02	+20,278.095	+82,986.268	+4.09241
03	+20,727.766	+101,251.257	+4.88481
04	+21,208.513	+125,143.970	+5.90065
05	+21,008.041	+119,205.920	+5.67430
06	+20,628.340	+104,632.311	+5.07226
07	+20,419.260	+102,934.589	+5.04105
08	+20,437.570	+107,957.833	+5.28232
09	+20,588.568	+112,334.006	+5.45613
10	+20,586.843	+101,859.566	+4.94780
11	+20,710.632	+126,632.975	+6.11439
12	+21,860.785	+115,973.671	+5.30510
13	+25,557.366	+99,320.351	+3.88617
14	+28,578.494	+86,549.078	+3.02847
15	+33,095.216	+68,950.634	+2.08340
16	+34,826.962	+64,433.932	+1.85012
17	+35,433.650	+69,619.006	+1.96477
18	+35,749.141	+62,060.614	+1.73600
19	+36,021.251	+69,328.475	+1.92465
20	+35,832.406	+69,756.476	+1.94674
21	+35,741.255	+65,234.122	+1.82518
22	+35,588.810	+65,978.379	+1.85391
23	+35,470.423	+63,951.301	+1.80295
24	+35,283.777	+65,476.891	+1.85572
25	+35,229.661	+74,521.484	+2.11531
26	+34,833.928	+64,600.622	+1.85453
27	+34,926.076	+64,263.866	+1.84000
28	+34,886.869	+58,961.711	+1.69008
29	+34,985.356	+60,176.265	+1.72004
30	+34,988.840	+60,186.697	+1.72017
31	+35,464.346	+61,811.501	+1.74292
32	+36,120.509	+67,190.312	+1.86017
33	+36,113.904	+83,511.849	+2.31246
34	+37,005.995	+87,411.947	+2.36210
35	+38,135.363	+62,656.723	+1.64301
36	+38,541.859	+71,518.985	+1.85562
37	+38,778.001	+75,158.371	+1.93817
38	+38,997.225	+82,132.386	+2.10611
39	+38,278.124	+65,240.144	+1.70437
40	+37,158.592	+53,264.532	+1.43344
41	+36,501.641	+47,029.691	+1.28843
42	+35,122.807	+41,607.418	+1.18463

43	+33,747.419	+58,058.845	+1.72039
44	+31,515.957	+63,667.312	+2.02016
45	+29,774.498	+58,624.181	+1.96894
46	+27,866.201	+52,896.288	+1.89822
47	+25,559.432	+52,222.923	+2.04320
48	+24,100.665	+61,148.717	+2.53722

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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	+0.01377	+49,089.50	+11,160.562	+9,705.620	+0.000	+0.000
02	+0.01366	+49,153.96	+11,071.407	+9,705.620	+0.000	+0.000
03	+0.01396	+72,925.08	+11,314.556	+3,669.620	+0.000	+0.000
04	+0.01428	+96,252.60	+11,573.916	+3,669.620	+0.000	+0.000
05	+0.01415	+91,129.41	+11,468.551	+3,084.370	+0.000	+0.000
06	+0.01389	+77,015.02	+11,257.822	+3,084.370	+0.000	+0.000
07	+0.01375	+74,532.07	+11,144.352	+4,116.870	+0.000	+0.000
08	+0.01377	+79,519.99	+11,160.562	+4,116.870	+0.000	+0.000
09	+0.01387	+84,145.54	+11,241.612	+3,690.870	+0.000	+0.000
10	+0.01387	+73,671.10	+11,241.612	+3,690.870	+0.000	+0.000
11	+0.01395	+67,004.70	+11,306.451	+34,989.380	+0.000	+0.000
12	+0.01472	+54,985.40	+11,930.535	+34,989.380	+0.000	+0.000
13	+0.01721	+27,342.42	+13,948.676	+41,581.130	+0.000	+0.000
14	+0.01925	+10,968.04	+15,602.093	+41,581.130	+0.000	+0.000
15	+0.02229	+4,005.89	+18,066.007	+25,575.500	+0.000	+0.000
16	+0.02346	-2,577.30	+19,014.290	+25,575.500	+0.000	+0.000
17	+0.02387	+1,645.08	+19,346.595	+25,814.040	+0.000	+0.000
18	+0.02408	-6,284.22	+19,516.799	+25,814.040	+0.000	+0.000
19	+0.02426	+818.76	+19,662.689	+25,661.000	+0.000	+0.000
20	+0.02413	+1,476.37	+19,557.324	+25,661.000	+0.000	+0.000
21	+0.02407	-2,937.01	+19,508.694	+25,658.000	+0.000	+0.000
22	+0.02397	-7,325.28	+19,427.645	+30,967.150	+0.000	+0.000
23	+0.02389	-7,206.06	+19,362.805	+28,962.150	+0.000	+0.000
24	+0.02376	-5,450.86	+19,257.440	+28,962.150	+0.000	+0.000
25	+0.02373	+4,249.22	+19,233.125	+28,359.650	+0.000	+0.000
26	+0.02346	-5,194.76	+19,014.290	+28,359.650	+0.000	+0.000
27	+0.02352	-118.84	+19,062.920	+22,841.000	+0.000	+0.000
28	+0.02350	-5,385.67	+19,046.710	+22,841.000	+0.000	+0.000
29	+0.02356	-5,055.30	+19,095.340	+23,619.210	+0.000	+0.000
30	+0.02357	-5,062.53	+19,103.445	+23,619.210	+0.000	+0.000
31	+0.02389	-4,795.77	+19,362.805	+24,412.060	+0.000	+0.000
32	+0.02433	-194.10	+19,719.424	+24,412.060	+0.000	+0.000
33	+0.02432	-6,386.86	+19,711.319	+46,944.020	+0.000	+0.000
34	+0.02492	-3,546.50	+20,197.618	+46,944.020	+0.000	+0.000
35	+0.02569	+17,282.30	+20,821.702	+0.000	+0.000	+0.000
36	+0.02596	+20,358.53	+21,040.536	+5,309.150	+0.000	+0.000
37	+0.02612	+23,715.32	+21,170.216	+5,309.150	+0.000	+0.000
38	+0.02627	+30,424.40	+21,291.791	+5,309.150	+0.000	+0.000
39	+0.02578	+14,397.61	+20,894.647	+5,309.150	+0.000	+0.000
40	+0.02503	+3,746.67	+20,286.773	+5,309.150	+0.000	+0.000
41	+0.02459	+3,598.12	+19,930.154	+0.000	+0.000	+0.000
42	+0.02366	-181.56	+19,176.390	+0.000	+0.000	+0.000

43	+0.02273	+17,912.46	+18,422.627	+.000	+.000	+.000
44	+0.02123	+26,170.27	+17,206.879	+.000	+.000	+.000
45	+0.02005	+23,211.29	+16,250.491	+.000	+.000	+.000
46	+0.01877	+19,744.17	+15,213.053	+.000	+.000	+.000
47	+0.01722	+21,070.46	+13,956.781	+738.000	+.000	+.000
48	+0.01623	+31,744.82	+13,154.388	+738.000	+.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	+1,779.649	+0.000	+11,347.458	+0.000	+0.000
02	+0.000	+1,765.433	+0.000	+11,256.810	+0.000	+0.000
03	+0.000	+1,804.205	+0.000	+11,504.032	+0.000	+0.000
04	+0.000	+1,845.562	+0.000	+11,767.734	+0.000	+0.000
05	+0.000	+1,828.761	+0.000	+11,660.605	+0.000	+0.000
06	+0.000	+1,795.158	+0.000	+11,446.347	+0.000	+0.000
07	+0.000	+1,777.064	+0.000	+11,330.977	+0.000	+0.000
08	+0.000	+1,779.649	+0.000	+11,347.458	+0.000	+0.000
09	+0.000	+1,792.573	+0.000	+11,429.865	+0.000	+0.000
10	+0.000	+1,792.573	+0.000	+11,429.865	+0.000	+0.000
11	+0.000	+1,802.913	+0.000	+11,495.791	+0.000	+0.000
12	+0.000	+1,902.428	+0.000	+12,130.326	+0.000	+0.000
13	+0.000	+2,224.239	+0.000	+14,182.263	+0.000	+0.000
14	+0.000	+2,487.890	+0.000	+15,863.368	+0.000	+0.000
15	+0.000	+2,880.783	+0.000	+18,368.543	+0.000	+0.000
16	+0.000	+3,031.995	+0.000	+19,332.707	+0.000	+0.000
17	+0.000	+3,084.984	+0.000	+19,670.576	+0.000	+0.000
18	+0.000	+3,112.125	+0.000	+19,843.631	+0.000	+0.000
19	+0.000	+3,135.388	+0.000	+19,991.963	+0.000	+0.000
20	+0.000	+3,118.587	+0.000	+19,884.834	+0.000	+0.000
21	+0.000	+3,110.832	+0.000	+19,835.390	+0.000	+0.000
22	+0.000	+3,097.908	+0.000	+19,752.983	+0.000	+0.000
23	+0.000	+3,087.569	+0.000	+19,687.057	+0.000	+0.000
24	+0.000	+3,070.767	+0.000	+19,579.928	+0.000	+0.000
25	+0.000	+3,066.890	+0.000	+19,555.206	+0.000	+0.000
26	+0.000	+3,031.995	+0.000	+19,332.707	+0.000	+0.000
27	+0.000	+3,039.750	+0.000	+19,382.151	+0.000	+0.000
28	+0.000	+3,037.165	+0.000	+19,365.669	+0.000	+0.000
29	+0.000	+3,044.919	+0.000	+19,415.114	+0.000	+0.000
30	+0.000	+3,046.212	+0.000	+19,423.354	+0.000	+0.000
31	+0.000	+3,087.569	+0.000	+19,687.057	+0.000	+0.000
32	+0.000	+3,144.435	+0.000	+20,049.648	+0.000	+0.000
33	+0.000	+3,143.142	+0.000	+20,041.408	+0.000	+0.000
34	+0.000	+3,220.687	+0.000	+20,535.850	+0.000	+0.000
35	+0.000	+3,320.203	+0.000	+21,170.385	+0.000	+0.000
36	+0.000	+3,355.098	+0.000	+21,392.884	+0.000	+0.000
37	+0.000	+3,375.776	+0.000	+21,524.736	+0.000	+0.000
38	+0.000	+3,395.162	+0.000	+21,648.346	+0.000	+0.000
39	+0.000	+3,331.834	+0.000	+21,244.551	+0.000	+0.000
40	+0.000	+3,234.904	+0.000	+20,626.498	+0.000	+0.000
41	+0.000	+3,178.037	+0.000	+20,263.907	+0.000	+0.000
42	+0.000	+3,057.843	+0.000	+19,497.521	+0.000	+0.000

43	+.000	+2,937.649	+.000	+18,731.135	+.000	+.000
44	+.000	+2,743.788	+.000	+17,495.028	+.000	+.000
45	+.000	+2,591.283	+.000	+16,522.624	+.000	+.000
46	+.000	+2,425.855	+.000	+15,467.813	+.000	+.000
47	+.000	+2,225.531	+.000	+14,190.503	+.000	+.000
48	+.000	+2,097.582	+.000	+13,374.673	+.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 BSUsOs charges(£)
01	+56.848	+1,101.600	-1,125.144	+0.000	+0.000	+83,116.093
02	+56.394	+1,092.800	-1,116.156	+0.000	+0.000	+82,986.268
03	+57.633	+1,116.800	-1,140.669	+0.000	+0.000	+101,251.257
04	+58.954	+1,142.400	-1,166.816	+0.000	+0.000	+125,143.970
05	+58.417	+1,132.000	-1,156.194	+0.000	+0.000	+119,205.920
06	+57.344	+1,111.200	-1,134.950	+0.000	+0.000	+104,632.311
07	+56.766	+1,100.000	-1,123.510	+0.000	+0.000	+102,934.589
08	+56.848	+1,101.600	-1,125.144	+0.000	+0.000	+107,957.833
09	+57.261	+1,109.600	-1,133.315	+0.000	+0.000	+112,334.006
10	+57.261	+1,109.600	-1,133.315	+0.000	+0.000	+101,859.566
11	+57.591	+1,116.000	-1,139.852	+0.000	+0.000	+126,632.975
12	+60.770	+1,177.600	-1,202.769	+0.000	+0.000	+115,973.671
13	+71.050	+1,376.800	-1,406.226	+0.000	+0.000	+99,320.351
14	+79.472	+1,540.000	-1,572.914	+0.000	+0.000	+86,549.078
15	+92.022	+1,783.200	-1,821.312	+0.000	+0.000	+68,950.634
16	+96.853	+1,876.800	-1,916.913	+0.000	+0.000	+64,433.932
17	+98.545	+1,909.600	-1,950.414	+0.000	+0.000	+69,619.006
18	+99.412	+1,926.400	-1,967.573	+0.000	+0.000	+62,060.614
19	+100.155	+1,940.800	-1,982.280	+0.000	+0.000	+69,328.475
20	+99.619	+1,930.400	-1,971.658	+0.000	+0.000	+69,756.476
21	+99.371	+1,925.600	-1,966.756	+0.000	+0.000	+65,234.122
22	+98.958	+1,917.600	-1,958.585	+0.000	+0.000	+65,978.379
23	+98.628	+1,911.200	-1,952.048	+0.000	+0.000	+63,951.301
24	+98.091	+1,900.800	-1,941.426	+0.000	+0.000	+65,476.891
25	+97.967	+1,898.400	-1,938.974	+0.000	+0.000	+74,521.484
26	+96.853	+1,876.800	-1,916.913	+0.000	+0.000	+64,600.622
27	+97.100	+1,881.600	-1,921.815	+0.000	+0.000	+64,263.866
28	+97.018	+1,880.000	-1,920.181	+0.000	+0.000	+58,961.711
29	+97.266	+1,884.800	-1,925.084	+0.000	+0.000	+60,176.265
30	+97.307	+1,885.600	-1,925.901	+0.000	+0.000	+60,186.697
31	+98.628	+1,911.200	-1,952.048	+0.000	+0.000	+61,811.501
32	+100.444	+1,946.400	-1,988.000	+0.000	+0.000	+67,190.312
33	+100.403	+1,945.600	-1,987.183	+0.000	+0.000	+83,511.849
34	+102.880	+1,993.600	-2,036.209	+0.000	+0.000	+87,411.947
35	+106.059	+2,055.200	-2,099.126	+0.000	+0.000	+62,656.723
36	+107.174	+2,076.800	-2,121.187	+0.000	+0.000	+71,518.985
37	+107.834	+2,089.600	-2,134.261	+0.000	+0.000	+75,158.371
38	+108.454	+2,101.600	-2,146.517	+0.000	+0.000	+82,132.386
39	+106.431	+2,062.400	-2,106.479	+0.000	+0.000	+65,240.144
40	+103.334	+2,002.400	-2,045.197	+0.000	+0.000	+53,264.532
41	+101.518	+1,967.200	-2,009.245	+0.000	+0.000	+47,029.691
42	+97.678	+1,892.800	-1,933.255	+0.000	+0.000	+41,607.418



43	+93.839	+1,818.400	-1,857.264	+.000	+.000	+58,058.845
44	+87.646	+1,698.400	-1,734.700	+.000	+.000	+63,667.312
45	+82.775	+1,604.000	-1,638.282	+.000	+.000	+58,624.181
46	+77.490	+1,501.600	-1,533.694	+.000	+.000	+52,896.288
47	+71.091	+1,377.600	-1,407.043	+.000	+.000	+52,222.923
48	+67.004	+1,298.400	-1,326.151	+.000	+.000	+61,148.717