

Date: 03/12/2019

Settlement Day:25/11/2019

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: 239

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

System Operator Balancing Mechanism Costs	+1,097,434.690	+393,216,464.570
Balancing Services Contract Cost	+835,170.671	+175,200,790.120
Balancing Services Cost Variable	+519,505.980	+106,408,808.215
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	+29,463,739.672
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+196,952,978.560
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+986,692.380
ESO Incentive Recovery t-1	+80,000.000	+2,640,000.000
ALoMCP Recovery	-81,709.830	-2,696,424.390
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+196,952,978.560
Total External Costs	+2,577,817.602	+712,802,038.417
Total Adjusted Energy Volume (MWh)	+1,549,255.679	

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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	+22,657.353	+77,790.089	+3.43333
02	+23,114.025	+83,795.954	+3.62533
03	+22,845.201	+84,144.643	+3.68325
04	+22,264.198	+74,751.292	+3.35747
05	+22,418.736	+78,580.967	+3.50515
06	+22,404.413	+79,762.338	+3.56012
07	+22,296.679	+92,524.351	+4.14969
08	+21,871.710	+81,788.075	+3.73945
09	+21,971.475	+84,688.382	+3.85447
10	+22,245.123	+87,426.613	+3.93015
11	+22,866.138	+94,155.152	+4.11767
12	+23,931.015	+84,950.366	+3.54980
13	+27,232.651	+85,623.355	+3.14414
14	+30,270.913	+80,270.053	+2.65172
15	+33,617.251	+86,036.941	+2.55931
16	+35,275.498	+95,990.075	+2.72115
17	+35,960.570	+78,375.182	+2.17948
18	+36,191.245	+76,596.205	+2.11643
19	+36,965.969	+57,386.799	+1.55242
20	+37,435.820	+55,946.223	+1.49446
21	+37,277.871	+44,111.388	+1.18331
22	+37,441.081	+47,741.182	+1.27510
23	+37,547.663	+53,981.019	+1.43767
24	+37,559.531	+62,204.229	+1.65615
25	+37,655.328	+83,682.885	+2.22234
26	+37,419.117	+70,858.924	+1.89366
27	+37,556.251	+76,791.219	+2.04470
28	+37,435.678	+65,220.543	+1.74220
29	+37,438.537	+69,146.042	+1.84692
30	+37,392.365	+64,792.734	+1.73278
31	+37,365.211	+64,810.145	+1.73450
32	+38,452.069	+55,984.189	+1.45595
33	+39,584.394	+71,454.251	+1.80511
34	+40,248.062	+81,210.918	+2.01776
35	+40,517.758	+84,859.999	+2.09439
36	+40,166.020	+81,489.721	+2.02882
37	+39,735.004	+75,339.335	+1.89604
38	+39,148.476	+77,202.935	+1.97205
39	+38,138.403	+76,557.199	+2.00735
40	+37,275.420	+71,848.528	+1.92750
41	+36,310.515	+62,095.380	+1.71012
42	+34,834.220	+46,185.160	+1.32586

43	+33,047.277	+43,324.010	+1.31097
44	+30,895.145	+46,592.923	+1.50810
45	+28,789.992	+40,564.903	+1.40899
46	+27,000.219	+38,733.343	+1.43456
47	+25,185.546	+57,157.264	+2.26945
48	+24,002.543	+67,383.064	+2.80733

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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	+0.01462	+41,810.65	+12,210.195	+9,883.500	+0.000	+0.000
02	+0.01492	+47,281.03	+12,460.746	+9,883.500	+0.000	+0.000
03	+0.01475	+46,659.64	+12,318.767	+11,157.020	+0.000	+0.000
04	+0.01437	+37,944.57	+12,001.403	+11,157.020	+0.000	+0.000
05	+0.01447	+41,349.57	+12,084.920	+11,403.200	+0.000	+0.000
06	+0.01446	+42,548.79	+12,076.568	+11,403.200	+0.000	+0.000
07	+0.01439	+52,659.25	+12,018.106	+14,179.700	+0.000	+0.000
08	+0.01412	+42,404.91	+11,792.610	+14,179.700	+0.000	+0.000
09	+0.01418	+44,775.57	+11,842.720	+14,602.250	+0.000	+0.000
10	+0.01436	+47,192.51	+11,993.051	+14,602.250	+0.000	+0.000
11	+0.01476	+48,752.77	+12,327.119	+19,056.550	+0.000	+0.000
12	+0.01545	+38,316.37	+12,903.387	+19,056.550	+0.000	+0.000
13	+0.01758	+19,788.13	+14,682.300	+34,455.840	+0.000	+0.000
14	+0.01954	+10,936.33	+16,319.235	+34,455.840	+0.000	+0.000
15	+0.02170	-15,970.78	+18,123.204	+63,274.350	+0.000	+0.000
16	+0.02277	-7,927.54	+19,016.836	+63,274.350	+0.000	+0.000
17	+0.02321	+1,979.70	+19,384.311	+34,966.840	+0.000	+0.000
18	+0.02336	-67.02	+19,509.587	+34,966.840	+0.000	+0.000
19	+0.02386	+9,365.50	+19,927.172	+5,432.440	+0.000	+0.000
20	+0.02416	+7,389.44	+20,177.723	+5,432.440	+0.000	+0.000
21	+0.02406	-4,266.90	+20,094.206	+5,432.440	+0.000	+0.000
22	+0.02417	-833.45	+20,186.075	+5,432.440	+0.000	+0.000
23	+0.02424	+5,281.44	+20,244.537	+5,432.440	+0.000	+0.000
24	+0.02424	+13,504.65	+20,244.537	+5,432.440	+0.000	+0.000
25	+0.02431	+34,858.36	+20,302.999	+5,432.440	+0.000	+0.000
26	+0.02415	+22,319.99	+20,169.372	+5,432.440	+0.000	+0.000
27	+0.02424	+33,524.08	+20,244.537	+0.000	+0.000	+0.000
28	+0.02416	+22,096.20	+20,177.723	+0.000	+0.000	+0.000
29	+0.02417	+26,003.85	+20,186.075	+0.000	+0.000	+0.000
30	+0.02414	+21,704.09	+20,161.020	+0.000	+0.000	+0.000
31	+0.02412	+21,757.20	+20,144.317	+0.000	+0.000	+0.000
32	+0.02482	+11,681.78	+20,728.936	+0.000	+0.000	+0.000
33	+0.02555	+20,416.39	+21,338.611	+5,432.440	+0.000	+0.000
34	+0.02598	+29,405.53	+21,697.734	+5,432.440	+0.000	+0.000
35	+0.02615	+32,751.17	+21,839.713	+5,432.440	+0.000	+0.000
36	+0.02593	+29,773.58	+21,655.975	+5,432.440	+0.000	+0.000
37	+0.02565	+24,122.98	+21,422.128	+5,432.440	+0.000	+0.000
38	+0.02527	+26,664.86	+21,104.763	+5,432.440	+0.000	+0.000
39	+0.02462	+27,179.34	+20,561.902	+5,432.440	+0.000	+0.000
40	+0.02406	+23,470.24	+20,094.206	+5,432.440	+0.000	+0.000
41	+0.02344	+14,823.76	+19,576.401	+5,432.440	+0.000	+0.000
42	+0.02248	+6,059.53	+18,774.637	+0.000	+0.000	+0.000

43	+0.02133	+5,251.07	+17,814.190	+ .000	+ .000	+ .000
44	+0.01994	+11,001.06	+16,653.303	+ .000	+ .000	+ .000
45	+0.01858	+7,400.57	+15,517.471	+ .000	+ .000	+ .000
46	+0.01743	+7,621.70	+14,557.025	+ .000	+ .000	+ .000
47	+0.01626	+27,536.01	+13,579.875	+598.000	+ .000	+ .000
48	+0.01549	+39,136.22	+12,936.794	+598.000	+ .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	+1,802.466	+0.000	+12,047.919	+0.000	+0.000
02	+0.000	+1,839.452	+0.000	+12,295.140	+0.000	+0.000
03	+0.000	+1,818.493	+0.000	+12,155.048	+0.000	+0.000
04	+0.000	+1,771.644	+0.000	+11,841.901	+0.000	+0.000
05	+0.000	+1,783.973	+0.000	+11,924.308	+0.000	+0.000
06	+0.000	+1,782.740	+0.000	+11,916.067	+0.000	+0.000
07	+0.000	+1,774.110	+0.000	+11,858.382	+0.000	+0.000
08	+0.000	+1,740.822	+0.000	+11,635.883	+0.000	+0.000
09	+0.000	+1,748.219	+0.000	+11,685.327	+0.000	+0.000
10	+0.000	+1,770.411	+0.000	+11,833.660	+0.000	+0.000
11	+0.000	+1,819.726	+0.000	+12,163.289	+0.000	+0.000
12	+0.000	+1,904.795	+0.000	+12,731.898	+0.000	+0.000
13	+0.000	+2,167.397	+0.000	+14,487.169	+0.000	+0.000
14	+0.000	+2,409.041	+0.000	+16,102.348	+0.000	+0.000
15	+0.000	+2,675.342	+0.000	+17,882.342	+0.000	+0.000
16	+0.000	+2,807.260	+0.000	+18,764.098	+0.000	+0.000
17	+0.000	+2,861.507	+0.000	+19,126.689	+0.000	+0.000
18	+0.000	+2,880.000	+0.000	+19,250.299	+0.000	+0.000
19	+0.000	+2,941.644	+0.000	+19,662.335	+0.000	+0.000
20	+0.000	+2,978.630	+0.000	+19,909.556	+0.000	+0.000
21	+0.000	+2,966.301	+0.000	+19,827.149	+0.000	+0.000
22	+0.000	+2,979.863	+0.000	+19,917.797	+0.000	+0.000
23	+0.000	+2,988.493	+0.000	+19,975.482	+0.000	+0.000
24	+0.000	+2,988.493	+0.000	+19,975.482	+0.000	+0.000
25	+0.000	+2,997.123	+0.000	+20,033.167	+0.000	+0.000
26	+0.000	+2,977.397	+0.000	+19,901.316	+0.000	+0.000
27	+0.000	+2,988.493	+0.000	+19,975.482	+0.000	+0.000
28	+0.000	+2,978.630	+0.000	+19,909.556	+0.000	+0.000
29	+0.000	+2,979.863	+0.000	+19,917.797	+0.000	+0.000
30	+0.000	+2,976.164	+0.000	+19,893.075	+0.000	+0.000
31	+0.000	+2,973.699	+0.000	+19,876.593	+0.000	+0.000
32	+0.000	+3,060.000	+0.000	+20,453.443	+0.000	+0.000
33	+0.000	+3,150.000	+0.000	+21,055.015	+0.000	+0.000
34	+0.000	+3,203.014	+0.000	+21,409.366	+0.000	+0.000
35	+0.000	+3,223.973	+0.000	+21,549.458	+0.000	+0.000
36	+0.000	+3,196.849	+0.000	+21,368.162	+0.000	+0.000
37	+0.000	+3,162.329	+0.000	+21,137.422	+0.000	+0.000
38	+0.000	+3,115.479	+0.000	+20,824.275	+0.000	+0.000
39	+0.000	+3,035.342	+0.000	+20,288.629	+0.000	+0.000
40	+0.000	+2,966.301	+0.000	+19,827.149	+0.000	+0.000
41	+0.000	+2,889.863	+0.000	+19,316.225	+0.000	+0.000
42	+0.000	+2,771.507	+0.000	+18,525.117	+0.000	+0.000

43	+.000	+2,629.726	+.000	+17,577.435	+.000	+.000
44	+.000	+2,458.356	+.000	+16,431.977	+.000	+.000
45	+.000	+2,290.685	+.000	+15,311.240	+.000	+.000
46	+.000	+2,148.904	+.000	+14,363.558	+.000	+.000
47	+.000	+2,004.658	+.000	+13,399.395	+.000	+.000
48	+.000	+1,909.726	+.000	+12,764.860	+.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	+60.358	+1,169.600	-1,194.598	+0.000	+0.000	+77,790.089
02	+61.596	+1,193.600	-1,219.111	+0.000	+0.000	+83,795.954
03	+60.894	+1,180.000	-1,205.220	+0.000	+0.000	+84,144.643
04	+59.325	+1,149.600	-1,174.170	+0.000	+0.000	+74,751.292
05	+59.738	+1,157.600	-1,182.341	+0.000	+0.000	+78,580.967
06	+59.697	+1,156.800	-1,181.524	+0.000	+0.000	+79,762.338
07	+59.408	+1,151.200	-1,175.804	+0.000	+0.000	+92,524.351
08	+58.293	+1,129.600	-1,153.743	+0.000	+0.000	+81,788.075
09	+58.541	+1,134.400	-1,158.645	+0.000	+0.000	+84,688.382
10	+59.284	+1,148.800	-1,173.353	+0.000	+0.000	+87,426.613
11	+60.935	+1,180.800	-1,206.037	+0.000	+0.000	+94,155.152
12	+63.784	+1,236.000	-1,262.417	+0.000	+0.000	+84,950.366
13	+72.578	+1,406.400	-1,436.459	+0.000	+0.000	+85,623.355
14	+80.669	+1,563.200	-1,596.610	+0.000	+0.000	+80,270.053
15	+89.587	+1,736.000	-1,773.103	+0.000	+0.000	+86,036.941
16	+94.004	+1,821.600	-1,860.533	+0.000	+0.000	+95,990.075
17	+95.821	+1,856.800	-1,896.485	+0.000	+0.000	+78,375.182
18	+96.440	+1,868.800	-1,908.742	+0.000	+0.000	+76,596.205
19	+98.504	+1,908.800	-1,949.597	+0.000	+0.000	+57,386.799
20	+99.743	+1,932.800	-1,974.109	+0.000	+0.000	+55,946.223
21	+99.330	+1,924.800	-1,965.939	+0.000	+0.000	+44,111.388
22	+99.784	+1,933.600	-1,974.927	+0.000	+0.000	+47,741.182
23	+100.073	+1,939.200	-1,980.646	+0.000	+0.000	+53,981.019
24	+100.073	+1,939.200	-1,980.646	+0.000	+0.000	+62,204.229
25	+100.362	+1,944.800	-1,986.366	+0.000	+0.000	+83,682.885
26	+99.701	+1,932.000	-1,973.292	+0.000	+0.000	+70,858.924
27	+100.073	+1,939.200	-1,980.646	+0.000	+0.000	+76,791.219
28	+99.743	+1,932.800	-1,974.109	+0.000	+0.000	+65,220.543
29	+99.784	+1,933.600	-1,974.927	+0.000	+0.000	+69,146.042
30	+99.660	+1,931.200	-1,972.475	+0.000	+0.000	+64,792.734
31	+99.577	+1,929.600	-1,970.841	+0.000	+0.000	+64,810.145
32	+102.467	+1,985.600	-2,028.038	+0.000	+0.000	+55,984.189
33	+105.481	+2,044.000	-2,087.686	+0.000	+0.000	+71,454.251
34	+107.256	+2,078.400	-2,122.821	+0.000	+0.000	+81,210.918
35	+107.958	+2,092.000	-2,136.712	+0.000	+0.000	+84,859.999
36	+107.050	+2,074.400	-2,118.736	+0.000	+0.000	+81,489.721
37	+105.894	+2,052.000	-2,095.857	+0.000	+0.000	+75,339.335
38	+104.325	+2,021.600	-2,064.807	+0.000	+0.000	+77,202.935
39	+101.642	+1,969.600	-2,011.696	+0.000	+0.000	+76,557.199
40	+99.330	+1,924.800	-1,965.939	+0.000	+0.000	+71,848.528
41	+96.770	+1,875.200	-1,915.278	+0.000	+0.000	+62,095.380
42	+92.807	+1,798.400	-1,836.837	+0.000	+0.000	+46,185.160



43	+88.059	+1,706.400	-1,742.871	+.000	+.000	+43,324.010
44	+82.321	+1,595.200	-1,629.294	+.000	+.000	+46,592.923
45	+76.706	+1,486.400	-1,518.169	+.000	+.000	+40,564.903
46	+71.958	+1,394.400	-1,424.202	+.000	+.000	+38,733.343
47	+67.128	+1,300.800	-1,328.602	+.000	+.000	+57,157.264
48	+63.949	+1,239.200	-1,265.685	+.000	+.000	+67,383.064