

Date: 18/02/2020

Settlement Day:24/01/2020

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: 299

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+85,882.910	+189,736,555.710
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+75,555.460	+573,160,242.920
Balancing Services Contract Cost	+681,656.067	+263,107,836.406
Balancing Services Cost Variable	+584,104.100	+125,461,395.275
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	+107,867.127	+35,401,843.487
Black Start Other Costs	+0.000	+0.000
System Operator Internal Costs	+824,071.040	+246,397,240.960
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+0.000	+0.000
EMR Incentive Revenue	+4,128.420	+1,234,397.580
ESO Incentive Recovery t-1	+0.000	+4,240,000.000
ALoMCP Recovery	-81,709.830	-8,824,661.640
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+246,397,240.960
Total External Costs	+1,371,601.344	+1,000,781,054.028
Total Adjusted Energy Volume (MWh)	+1,655,555.430	

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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	+27,320.445	+24,746.162	+0.90577
02	+27,686.392	+32,554.024	+1.17581
03	+27,596.109	+28,300.704	+1.02553
04	+26,936.187	+26,331.989	+0.97757
05	+26,622.011	+28,679.136	+1.07727
06	+26,433.065	+25,868.435	+0.97864
07	+26,322.585	+21,399.454	+0.81297
08	+25,862.642	+16,314.830	+0.63083
09	+25,739.115	+29,366.239	+1.14092
10	+25,862.942	+25,424.570	+0.98305
11	+26,213.365	+40,371.143	+1.54010
12	+27,138.560	+43,922.540	+1.61846
13	+30,136.975	+68,488.213	+2.27256
14	+32,926.672	+72,124.805	+2.19047
15	+36,406.845	+62,965.762	+1.72950
16	+38,192.465	+64,515.476	+1.68922
17	+39,061.903	+59,375.713	+1.52004
18	+39,147.536	+55,284.163	+1.41220
19	+39,176.126	+52,112.743	+1.33022
20	+39,342.928	+54,423.275	+1.38331
21	+39,317.276	+52,400.305	+1.33276
22	+39,200.287	+53,097.764	+1.35452
23	+39,442.755	+50,142.915	+1.27128
24	+39,248.389	+52,846.664	+1.34647
25	+39,149.606	+55,110.253	+1.40768
26	+39,073.837	+54,057.683	+1.38348
27	+38,876.109	+45,861.591	+1.17969
28	+38,624.333	+40,019.799	+1.03613
29	+38,758.343	+45,187.800	+1.16589
30	+38,471.995	+43,547.658	+1.13193
31	+39,022.906	+71,416.262	+1.83011
32	+39,140.386	+62,536.403	+1.59775
33	+39,783.454	+48,473.298	+1.21843
34	+40,819.846	+48,983.376	+1.19999
35	+41,120.973	+43,455.989	+1.05678
36	+40,985.887	+43,940.998	+1.07210
37	+40,883.651	+45,716.507	+1.11821
38	+40,425.993	+48,988.483	+1.21181
39	+39,396.785	+53,109.485	+1.34807
40	+38,397.512	+46,575.007	+1.21297
41	+37,477.160	+53,705.730	+1.43303
42	+35,803.755	+43,977.947	+1.22831

43	+34,352.755	+56,997.676	+1.65919
44	+32,586.539	+43,506.102	+1.33509
45	+30,804.475	+37,604.189	+1.22074
46	+29,047.225	+41,994.945	+1.44575
47	+26,178.083	+34,738.653	+1.32701
48	+25,040.247	+45,094.164	+1.80087

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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	+0.01650	-18,324.52	+0.00	-18,327.45	+11,247.325	+17,729.400
02	+0.01672	-10,850.09	+0.00	-10,857.51	+11,397.289	+17,729.400
03	+0.01667	-14,498.69	+0.00	-14,509.23	+11,363.207	+17,204.600
04	+0.01627	-15,863.16	+0.00	-15,863.54	+11,090.544	+17,204.600
05	+0.01608	-12,539.24	+0.00	-12,541.85	+10,961.030	+16,521.900
06	+0.01597	-15,178.15	+0.00	-15,183.59	+10,886.047	+16,521.900
07	+0.01590	-6,606.09	+0.00	-6,625.65	+10,838.331	+3,602.500
08	+0.01562	-11,279.67	+0.00	-11,280.19	+10,647.468	+3,602.500
09	+0.01555	-10,443.80	+0.00	-10,471.15	+10,599.752	+15,952.390
10	+0.01562	-14,512.15	+0.00	-14,520.34	+10,647.468	+15,952.390
11	+0.01583	-31,338.04	+0.00	-31,358.99	+10,790.616	+47,415.050
12	+0.01639	-28,661.08	+0.00	-28,667.76	+11,172.343	+47,415.050
13	+0.01820	-22,246.09	+0.00	-22,690.88	+12,406.140	+63,223.660
14	+0.01989	-20,184.30	+0.00	-21,650.15	+13,558.139	+63,223.660
15	+0.02199	-7,671.48	+0.00	-7,880.02	+14,989.617	+37,068.860
16	+0.02307	-7,557.48	+0.00	-7,989.20	+15,725.805	+37,068.860
17	+0.02359	+18,130.77	+0.00	+17,901.11	+16,080.267	+5,240.060
18	+0.02365	+13,960.39	+0.00	+13,717.40	+16,121.166	+5,240.060
19	+0.02366	+11,121.79	+0.00	+10,530.62	+16,127.983	+5,240.060
20	+0.02376	+13,067.56	+0.00	+12,687.55	+16,196.148	+5,240.060
21	+0.02375	+11,241.62	+0.00	+10,679.94	+16,189.332	+5,240.060
22	+0.02368	+11,897.28	+0.00	+11,484.92	+16,141.616	+5,240.060
23	+0.02382	+8,540.53	+0.00	+8,315.03	+16,237.048	+5,240.060
24	+0.02371	+11,633.64	+0.00	+11,187.74	+16,162.065	+5,240.060
25	+0.02365	+14,004.07	+0.00	+13,543.49	+16,121.166	+5,240.060
26	+0.02360	+13,675.32	+0.00	+12,567.72	+16,087.083	+5,240.060
27	+0.02348	+9,796.37	+0.00	+9,796.01	+16,005.284	+0.000
28	+0.02333	+4,185.02	+0.00	+4,184.62	+15,903.036	+0.000
29	+0.02341	+9,234.36	+0.00	+9,229.74	+15,957.569	+0.000
30	+0.02324	+7,902.41	+0.00	+7,850.72	+15,841.687	+0.000
31	+0.02357	+23,563.12	+0.00	+23,484.81	+16,066.633	+11,727.630
32	+0.02364	+14,590.89	+0.00	+14,497.43	+16,114.349	+11,727.630
33	+0.02403	+6,327.14	+0.00	+6,322.85	+16,380.195	+5,240.060
34	+0.02466	+5,917.46	+0.00	+5,865.24	+16,809.639	+5,240.060
35	+0.02484	+83.02	+0.00	+61.37	+16,932.337	+5,240.060
36	+0.02476	+677.63	+0.00	+669.26	+16,877.804	+5,240.060
37	+0.02469	+2,552.29	+0.00	+2,552.29	+16,830.088	+5,240.060
38	+0.02442	+6,380.77	+0.00	+6,238.99	+16,646.041	+5,240.060
39	+0.02380	+11,880.33	+0.00	+11,312.32	+16,223.414	+5,240.060
40	+0.02319	+5,956.06	+0.00	+5,714.81	+15,807.604	+5,240.060
41	+0.02264	+13,946.97	+0.00	+13,690.34	+15,432.693	+5,240.060
42	+0.02163	+10,855.46	+0.00	+10,753.99	+14,744.221	+0.000

43	+0.02075	+25,442.92	+.00	+25,125.41	+14,144.363	+.000
44	+0.01968	+13,607.85	+.00	+13,277.37	+13,414.991	+.000
45	+0.01861	-6,113.19	+.00	-6,303.50	+12,685.619	+15,322.490
46	+0.01755	+39.10	+.00	-284.57	+11,963.064	+15,322.490
47	+0.01581	+14,101.82	+.00	+13,951.29	+10,776.982	-3,497.000
48	+0.01512	+25,436.17	+.00	+25,366.65	+10,306.640	-3,497.000

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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	+0.000	+0.000	+0.000	+1,779.808	+0.000	+13,597.172
02	+0.000	+0.000	+0.000	+1,803.538	+0.000	+13,778.468
03	+0.000	+0.000	+0.000	+1,798.145	+0.000	+13,737.264
04	+0.000	+0.000	+0.000	+1,754.998	+0.000	+13,407.636
05	+0.000	+0.000	+0.000	+1,734.503	+0.000	+13,251.062
06	+0.000	+0.000	+0.000	+1,722.638	+0.000	+13,160.415
07	+0.000	+0.000	+0.000	+1,715.087	+0.000	+13,102.730
08	+0.000	+0.000	+0.000	+1,684.885	+0.000	+12,871.990
09	+0.000	+0.000	+0.000	+1,677.334	+0.000	+12,814.305
10	+0.000	+0.000	+0.000	+1,684.885	+0.000	+12,871.990
11	+0.000	+0.000	+0.000	+1,707.537	+0.000	+13,045.045
12	+0.000	+0.000	+0.000	+1,767.942	+0.000	+13,506.524
13	+0.000	+0.000	+0.000	+1,963.182	+0.000	+14,998.093
14	+0.000	+0.000	+0.000	+2,145.477	+0.000	+16,390.773
15	+0.000	+0.000	+0.000	+2,371.998	+0.000	+18,121.322
16	+0.000	+0.000	+0.000	+2,488.495	+0.000	+19,011.319
17	+0.000	+0.000	+0.000	+2,544.586	+0.000	+19,439.836
18	+0.000	+0.000	+0.000	+2,551.058	+0.000	+19,489.280
19	+0.000	+0.000	+0.000	+2,552.136	+0.000	+19,497.521
20	+0.000	+0.000	+0.000	+2,562.923	+0.000	+19,579.928
21	+0.000	+0.000	+0.000	+2,561.844	+0.000	+19,571.687
22	+0.000	+0.000	+0.000	+2,554.294	+0.000	+19,514.002
23	+0.000	+0.000	+0.000	+2,569.395	+0.000	+19,629.372
24	+0.000	+0.000	+0.000	+2,557.530	+0.000	+19,538.724
25	+0.000	+0.000	+0.000	+2,551.058	+0.000	+19,489.280
26	+0.000	+0.000	+0.000	+2,545.664	+0.000	+19,448.077
27	+0.000	+0.000	+0.000	+2,532.720	+0.000	+19,349.188
28	+0.000	+0.000	+0.000	+2,516.540	+0.000	+19,225.577
29	+0.000	+0.000	+0.000	+2,525.169	+0.000	+19,291.503
30	+0.000	+0.000	+0.000	+2,506.832	+0.000	+19,151.411
31	+0.000	+0.000	+0.000	+2,542.428	+0.000	+19,423.354
32	+0.000	+0.000	+0.000	+2,549.979	+0.000	+19,481.039
33	+0.000	+0.000	+0.000	+2,592.047	+0.000	+19,802.427
34	+0.000	+0.000	+0.000	+2,660.003	+0.000	+20,321.592
35	+0.000	+0.000	+0.000	+2,679.419	+0.000	+20,469.925
36	+0.000	+0.000	+0.000	+2,670.790	+0.000	+20,403.999
37	+0.000	+0.000	+0.000	+2,663.239	+0.000	+20,346.314
38	+0.000	+0.000	+0.000	+2,634.115	+0.000	+20,123.815
39	+0.000	+0.000	+0.000	+2,567.238	+0.000	+19,612.891
40	+0.000	+0.000	+0.000	+2,501.439	+0.000	+19,110.207
41	+0.000	+0.000	+0.000	+2,442.112	+0.000	+18,656.968
42	+0.000	+0.000	+0.000	+2,333.166	+0.000	+17,824.657

43	+.000	+.000	+.000	+2,238.243	+.000	+17,099.474
44	+.000	+.000	+.000	+2,122.825	+.000	+16,217.718
45	+.000	+.000	+.000	+2,007.407	+.000	+15,335.962
46	+.000	+.000	+.000	+1,893.068	+.000	+14,462.447
47	+.000	+.000	+.000	+1,705.379	+.000	+13,028.563
48	+.000	+.000	+.000	+1,630.951	+.000	+12,459.954

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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	+.000	+68.119	+.000	-1,348.212	+.000
02	+.000	+.000	+69.027	+.000	-1,366.188	+.000
03	+.000	+.000	+68.821	+.000	-1,362.103	+.000
04	+.000	+.000	+67.169	+.000	-1,329.419	+.000
05	+.000	+.000	+66.385	+.000	-1,313.894	+.000
06	+.000	+.000	+65.931	+.000	-1,304.906	+.000
07	+.000	+.000	+65.642	+.000	-1,299.186	+.000
08	+.000	+.000	+64.486	+.000	-1,276.308	+.000
09	+.000	+.000	+64.197	+.000	-1,270.588	+.000
10	+.000	+.000	+64.486	+.000	-1,276.308	+.000
11	+.000	+.000	+65.353	+.000	-1,293.467	+.000
12	+.000	+.000	+67.665	+.000	-1,339.224	+.000
13	+.000	+.000	+75.137	+.000	-1,487.119	+.000
14	+.000	+.000	+82.114	+.000	-1,625.209	+.000
15	+.000	+.000	+90.784	+.000	-1,796.799	+.000
16	+.000	+.000	+95.243	+.000	-1,885.046	+.000
17	+.000	+.000	+97.389	+.000	-1,927.535	+.000
18	+.000	+.000	+97.637	+.000	-1,932.437	+.000
19	+.000	+.000	+97.678	+.000	-1,933.255	+.000
20	+.000	+.000	+98.091	+.000	-1,941.426	+.000
21	+.000	+.000	+98.050	+.000	-1,940.608	+.000
22	+.000	+.000	+97.761	+.000	-1,934.889	+.000
23	+.000	+.000	+98.339	+.000	-1,946.328	+.000
24	+.000	+.000	+97.885	+.000	-1,937.340	+.000
25	+.000	+.000	+97.637	+.000	-1,932.437	+.000
26	+.000	+.000	+97.431	+.000	-1,928.352	+.000
27	+.000	+.000	+96.935	+.000	-1,918.547	+.000
28	+.000	+.000	+96.316	+.000	-1,906.290	+.000
29	+.000	+.000	+96.646	+.000	-1,912.827	+.000
30	+.000	+.000	+95.944	+.000	-1,898.936	+.000
31	+.000	+.000	+97.307	+.000	-1,925.901	+.000
32	+.000	+.000	+97.596	+.000	-1,931.620	+.000
33	+.000	+.000	+99.206	+.000	-1,963.487	+.000
34	+.000	+.000	+101.807	+.000	-2,014.964	+.000
35	+.000	+.000	+102.550	+.000	-2,029.672	+.000
36	+.000	+.000	+102.220	+.000	-2,023.135	+.000
37	+.000	+.000	+101.931	+.000	-2,017.416	+.000
38	+.000	+.000	+100.816	+.000	-1,995.354	+.000
39	+.000	+.000	+98.256	+.000	-1,944.694	+.000
40	+.000	+.000	+95.738	+.000	-1,894.851	+.000
41	+.000	+.000	+93.467	+.000	-1,849.911	+.000
42	+.000	+.000	+89.298	+.000	-1,767.384	+.000



43	+.000	+.000	+85.665	+.000	-1,695.479	+.000
44	+.000	+.000	+81.247	+.000	-1,608.049	+.000
45	+.000	+.000	+76.830	+.000	-1,520.620	+.000
46	+.000	+.000	+72.454	+.000	-1,434.008	+.000
47	+.000	+.000	+65.270	+.000	-1,291.832	+.000
48	+.000	+.000	+62.422	+.000	-1,235.453	+.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	+24,746.162
02	+ .000	+32,554.024
03	+ .000	+28,300.704
04	+ .000	+26,331.989
05	+ .000	+28,679.136
06	+ .000	+25,868.435
07	+ .000	+21,399.454
08	+ .000	+16,314.830
09	+ .000	+29,366.239
10	+ .000	+25,424.570
11	+ .000	+40,371.143
12	+ .000	+43,922.540
13	+ .000	+68,488.213
14	+ .000	+72,124.805
15	+ .000	+62,965.762
16	+ .000	+64,515.476
17	+ .000	+59,375.713
18	+ .000	+55,284.163
19	+ .000	+52,112.743
20	+ .000	+54,423.275
21	+ .000	+52,400.305
22	+ .000	+53,097.764
23	+ .000	+50,142.915
24	+ .000	+52,846.664
25	+ .000	+55,110.253
26	+ .000	+54,057.683
27	+ .000	+45,861.591
28	+ .000	+40,019.799
29	+ .000	+45,187.800
30	+ .000	+43,547.658
31	+ .000	+71,416.262
32	+ .000	+62,536.403
33	+ .000	+48,473.298
34	+ .000	+48,983.376
35	+ .000	+43,455.989
36	+ .000	+43,940.998
37	+ .000	+45,716.507
38	+ .000	+48,988.483
39	+ .000	+53,109.485
40	+ .000	+46,575.007
41	+ .000	+53,705.730
42	+ .000	+43,977.947

43	+.000	+56,997.676
44	+.000	+43,506.102
45	+.000	+37,604.189
46	+.000	+41,994.945
47	+.000	+34,738.653
48	+.000	+45,094.164