

Date: 24/11/2020

Settlement Day:05/10/2019

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:19/20

Internal Scheme Name:2019/2020

Internal Scheme Day: 188

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,984,372.350	+287,122,216.670
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,969,967.690	+283,287,857.100
Balancing Services Contract Cost	+899,856.915	+171,691,130.884
Balancing Services Cost Variable	+539,796.730	+74,127,421.290
ESO Incentive Recovery Costs	-19,775.960	+6,031,123.220
Black Start Capital Costs	+0.000	+33,683.220
Black Start Testing Costs	+980.484	+178,129.242
Black Start Availability Costs	+117,676.839	+21,647,249.462
Black Start Other Costs	+2,252.097	+11,260.485
System Operator Internal Costs	+824,071.040	+154,925,355.520
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+6,307.920	+1,185,888.960
EMR Incentive Revenue	+0.000	+0.000
Placeholder Column2 30 Charact	+0.000	+0.000
Placeholder Column3 30 Charact	+0.000	+0.000
Wind Forecast Incentive	+0.000	+0.000
Provision Of Balancing Services to Others	+0.000	+0.000
Total Internal Costs	+824,071.040	+154,925,355.520
Total External Costs	+3,517,062.715	+558,193,743.863
Total Adjusted Energy Volume (MWh)	+1,178,697.067	

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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	+21,276.648	+99,637.356	+4.68294
02	+20,651.343	+87,855.871	+4.25424
03	+20,651.035	+88,164.391	+4.26925
04	+20,479.022	+96,905.065	+4.73192
05	+20,523.040	+87,280.120	+4.25279
06	+20,287.996	+91,297.826	+4.50009
07	+20,203.853	+114,685.400	+5.67641
08	+20,182.851	+123,002.743	+6.09442
09	+20,447.580	+175,194.798	+8.56800
10	+20,452.011	+164,575.698	+8.04692
11	+20,617.917	+143,451.920	+6.95763
12	+20,946.350	+134,621.103	+6.42695
13	+21,316.073	+98,527.748	+4.62223
14	+22,400.172	+96,618.337	+4.31329
15	+23,076.163	+77,130.422	+3.34243
16	+24,158.998	+84,225.331	+3.48629
17	+25,460.702	+82,840.308	+3.25365
18	+26,236.584	+91,117.251	+3.47291
19	+26,584.698	+88,396.049	+3.32507
20	+26,670.482	+82,415.438	+3.09014
21	+26,731.130	+83,523.287	+3.12457
22	+26,575.712	+72,641.219	+2.73337
23	+26,460.320	+78,987.472	+2.98513
24	+26,281.602	+64,090.656	+2.43861
25	+26,098.618	+63,530.827	+2.43426
26	+25,697.822	+54,113.642	+2.10577
27	+25,416.968	+51,683.113	+2.03341
28	+25,224.120	+49,771.824	+1.97318
29	+25,009.385	+45,105.607	+1.80355
30	+25,174.559	+44,123.469	+1.75270
31	+25,590.687	+54,315.248	+2.12246
32	+25,944.411	+65,051.689	+2.50735
33	+26,258.625	+67,394.519	+2.56657
34	+27,128.586	+73,030.142	+2.69200
35	+28,515.028	+84,960.974	+2.97952
36	+29,102.201	+89,511.169	+3.07575
37	+29,549.457	+85,621.169	+2.89755
38	+29,952.829	+101,716.505	+3.39589
39	+29,227.955	+99,421.950	+3.40160
40	+28,760.947	+83,318.032	+2.89692
41	+28,058.557	+67,686.760	+2.41234
42	+27,042.709	+58,815.413	+2.17491

43	+26,224.587	+73,803.118	+2.81427
44	+24,979.010	+65,962.606	+2.64072
45	+24,231.654	+98,445.664	+4.06269
46	+23,112.219	+114,331.513	+4.94680
47	+22,397.111	+179,541.937	+8.01630
48	+21,326.740	+162,654.431	+7.62678

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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	+0.01805	+39,805.84	+0.00	+39,323.64	+16,242.417	+27,257.500
02	+0.01752	+28,652.05	+0.00	+28,512.78	+15,765.493	+27,257.500
03	+0.01752	+28,140.56	+0.00	+27,941.80	+15,765.493	+28,137.000
04	+0.01737	+37,270.92	+0.00	+36,957.18	+15,630.515	+28,137.000
05	+0.01741	+30,559.67	+0.00	+30,364.11	+15,666.509	+25,031.870
06	+0.01721	+34,961.78	+0.00	+34,748.09	+15,486.538	+25,031.870
07	+0.01714	+62,993.42	+0.00	+62,430.73	+15,423.548	+20,865.000
08	+0.01712	+71,104.69	+0.00	+70,784.70	+15,405.550	+20,865.000
09	+0.01735	+86,971.30	+0.00	+86,844.79	+15,612.517	+56,575.750
10	+0.01735	+76,351.91	+0.00	+76,225.69	+15,612.517	+56,575.750
11	+0.01749	+54,867.77	+0.00	+54,790.52	+15,738.497	+56,630.750
12	+0.01777	+45,597.49	+0.00	+45,446.92	+15,990.457	+56,630.750
13	+0.01808	+42,977.19	+0.00	+42,564.60	+16,269.413	+22,851.990
14	+0.01900	+39,243.83	+0.00	+38,970.33	+17,097.281	+22,851.990
15	+0.01958	+39,837.18	+0.00	+39,473.02	+17,619.198	+1,799.190
16	+0.02050	+44,906.16	+0.00	+44,883.07	+18,447.067	+1,799.190
17	+0.02160	+44,806.55	+0.00	+44,458.44	+19,436.909	-1,175.710
18	+0.02226	+51,846.65	+0.00	+51,526.68	+20,030.815	-1,175.710
19	+0.02255	+45,096.18	+0.00	+44,833.58	+20,291.773	+2,265.090
20	+0.02263	+39,012.33	+0.00	+38,706.46	+20,363.762	+2,265.090
21	+0.02268	+39,954.97	+0.00	+39,602.69	+20,408.755	+2,385.140
22	+0.02255	+29,116.41	+0.00	+28,958.70	+20,291.773	+2,385.140
23	+0.02245	+34,852.03	+0.00	+34,568.59	+20,201.788	+3,304.640
24	+0.02230	+20,089.63	+0.00	+19,946.48	+20,066.809	+3,304.640
25	+0.02214	+22,347.41	+0.00	+21,844.42	+19,922.832	+1,139.890
26	+0.02180	+13,066.14	+0.00	+13,049.90	+19,616.881	+1,139.890
27	+0.02156	+16,241.26	+0.00	+16,103.79	+19,400.915	-3,905.000
28	+0.02140	+14,574.33	+0.00	+14,485.52	+19,256.938	-3,905.000
29	+0.02122	+8,853.60	+0.00	+8,776.45	+19,094.964	-2,532.500
30	+0.02136	+7,590.71	+0.00	+7,537.92	+19,220.944	-2,532.500
31	+0.02171	+19,972.98	+0.00	+18,772.22	+19,535.894	-4,216.000
32	+0.02201	+29,663.32	+0.00	+28,959.25	+19,805.851	-4,216.000
33	+0.02228	+26,414.69	+0.00	+26,299.11	+20,048.812	+292.500
34	+0.02302	+30,852.87	+0.00	+30,579.52	+20,714.706	+292.500
35	+0.02419	+35,308.96	+0.00	+35,146.26	+21,767.539	+5,513.890
36	+0.02469	+38,820.52	+0.00	+38,780.77	+22,217.467	+5,513.890
37	+0.02507	+34,305.86	+0.00	+34,194.85	+22,559.413	+5,513.890
38	+0.02541	+49,766.66	+0.00	+49,667.52	+22,865.364	+5,513.890
39	+0.02480	+48,651.80	+0.00	+48,490.10	+22,316.451	+5,513.890
40	+0.02440	+33,645.09	+0.00	+33,118.73	+21,956.509	+5,513.890
41	+0.02380	+20,569.72	+0.00	+20,349.78	+21,416.595	+3,750.390
42	+0.02294	+18,875.42	+0.00	+18,274.80	+20,642.718	-1,471.000

43	+0.02225	+37,967.48	+ .00	+37,715.15	+20,021.816	-4,660.000
44	+0.02119	+31,964.05	+ .00	+31,815.89	+19,067.968	-4,660.000
45	+0.02056	+69,557.30	+ .00	+68,583.21	+18,501.058	-7,790.500
46	+0.01961	+86,344.88	+ .00	+86,208.86	+17,646.194	-7,790.500
47	+0.01900	+117,545.24	+ .00	+116,785.52	+17,097.281	+27,960.400
48	+0.01809	+102,455.55	+ .00	+101,564.56	+16,278.412	+27,960.400

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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	-356.956	+0.000	+17.698	+2,124.067	+40.650	+14,874.482
02	-346.475	+0.000	+17.178	+2,061.698	+39.457	+14,437.725
03	-346.475	+0.000	+17.178	+2,061.698	+39.457	+14,437.725
04	-343.508	+0.000	+17.031	+2,044.047	+39.119	+14,314.114
05	-344.299	+0.000	+17.070	+2,048.754	+39.209	+14,347.077
06	-340.344	+0.000	+16.874	+2,025.218	+38.759	+14,182.263
07	-338.960	+0.000	+16.805	+2,016.981	+38.601	+14,124.578
08	-338.564	+0.000	+16.786	+2,014.627	+38.556	+14,108.096
09	-343.113	+0.000	+17.011	+2,041.693	+39.074	+14,297.633
10	-343.113	+0.000	+17.011	+2,041.693	+39.074	+14,297.633
11	-345.882	+0.000	+17.149	+2,058.168	+39.389	+14,413.002
12	-351.419	+0.000	+17.423	+2,091.117	+40.020	+14,643.742
13	-357.549	+0.000	+17.727	+2,127.597	+40.718	+14,899.204
14	-375.743	+0.000	+18.629	+2,235.860	+42.790	+15,657.350
15	-387.213	+0.000	+19.198	+2,304.113	+44.096	+16,135.311
16	-405.407	+0.000	+20.100	+2,412.375	+46.168	+16,893.456
17	-427.161	+0.000	+21.178	+2,541.820	+48.645	+17,799.934
18	-440.213	+0.000	+21.826	+2,619.486	+50.132	+18,343.821
19	-445.948	+0.000	+22.110	+2,653.613	+50.785	+18,582.802
20	-447.530	+0.000	+22.188	+2,663.027	+50.965	+18,648.728
21	-448.519	+0.000	+22.237	+2,668.911	+51.078	+18,689.931
22	-445.948	+0.000	+22.110	+2,653.613	+50.785	+18,582.802
23	-443.970	+0.000	+22.012	+2,641.845	+50.560	+18,500.395
24	-441.004	+0.000	+21.865	+2,624.194	+50.222	+18,376.784
25	-437.840	+0.000	+21.708	+2,605.365	+49.861	+18,244.933
26	-431.116	+0.000	+21.375	+2,565.355	+49.096	+17,964.749
27	-426.370	+0.000	+21.139	+2,537.113	+48.555	+17,766.972
28	-423.206	+0.000	+20.982	+2,518.284	+48.195	+17,635.120
29	-419.646	+0.000	+20.806	+2,497.103	+47.789	+17,486.787
30	-422.415	+0.000	+20.943	+2,513.577	+48.105	+17,602.157
31	-429.336	+0.000	+21.286	+2,554.764	+48.893	+17,890.582
32	-435.269	+0.000	+21.580	+2,590.067	+49.569	+18,137.804
33	-440.608	+0.000	+21.845	+2,621.840	+50.177	+18,360.303
34	-455.243	+0.000	+22.571	+2,708.921	+51.843	+18,970.115
35	-478.380	+0.000	+23.718	+2,846.603	+54.478	+19,934.278
36	-488.268	+0.000	+24.208	+2,905.441	+55.604	+20,346.314
37	-495.783	+0.000	+24.581	+2,950.158	+56.460	+20,659.461
38	-502.507	+0.000	+24.914	+2,990.168	+57.226	+20,939.645
39	-490.444	+0.000	+24.316	+2,918.386	+55.852	+20,436.962
40	-482.533	+0.000	+23.924	+2,871.315	+54.951	+20,107.333
41	-470.668	+0.000	+23.336	+2,800.709	+53.600	+19,612.891
42	-453.661	+0.000	+22.492	+2,699.507	+51.663	+18,904.190

43	-440.015	+.000	+21.816	+2,618.310	+50.109	+18,335.581
44	-419.053	+.000	+20.776	+2,493.572	+47.722	+17,462.065
45	-406.594	+.000	+20.159	+2,419.436	+46.303	+16,942.901
46	-387.807	+.000	+19.227	+2,307.643	+44.164	+16,160.033
47	-375.743	+.000	+18.629	+2,235.860	+42.790	+15,657.350
48	-357.747	+.000	+17.737	+2,128.774	+40.740	+14,907.445

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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	Placeholder Column2 30 Charact	Placeholder Column3 30 Charact	Wind forecast Incentive(£)
01	+.000	+113.858	+.000	+.000	+.000	+.000
02	+.000	+110.515	+.000	+.000	+.000	+.000
03	+.000	+110.515	+.000	+.000	+.000	+.000
04	+.000	+109.569	+.000	+.000	+.000	+.000
05	+.000	+109.821	+.000	+.000	+.000	+.000
06	+.000	+108.559	+.000	+.000	+.000	+.000
07	+.000	+108.118	+.000	+.000	+.000	+.000
08	+.000	+107.992	+.000	+.000	+.000	+.000
09	+.000	+109.442	+.000	+.000	+.000	+.000
10	+.000	+109.442	+.000	+.000	+.000	+.000
11	+.000	+110.326	+.000	+.000	+.000	+.000
12	+.000	+112.092	+.000	+.000	+.000	+.000
13	+.000	+114.047	+.000	+.000	+.000	+.000
14	+.000	+119.850	+.000	+.000	+.000	+.000
15	+.000	+123.509	+.000	+.000	+.000	+.000
16	+.000	+129.312	+.000	+.000	+.000	+.000
17	+.000	+136.251	+.000	+.000	+.000	+.000
18	+.000	+140.414	+.000	+.000	+.000	+.000
19	+.000	+142.244	+.000	+.000	+.000	+.000
20	+.000	+142.748	+.000	+.000	+.000	+.000
21	+.000	+143.064	+.000	+.000	+.000	+.000
22	+.000	+142.244	+.000	+.000	+.000	+.000
23	+.000	+141.613	+.000	+.000	+.000	+.000
24	+.000	+140.667	+.000	+.000	+.000	+.000
25	+.000	+139.657	+.000	+.000	+.000	+.000
26	+.000	+137.513	+.000	+.000	+.000	+.000
27	+.000	+135.999	+.000	+.000	+.000	+.000
28	+.000	+134.989	+.000	+.000	+.000	+.000
29	+.000	+133.854	+.000	+.000	+.000	+.000
30	+.000	+134.737	+.000	+.000	+.000	+.000
31	+.000	+136.945	+.000	+.000	+.000	+.000
32	+.000	+138.837	+.000	+.000	+.000	+.000
33	+.000	+140.540	+.000	+.000	+.000	+.000
34	+.000	+145.208	+.000	+.000	+.000	+.000
35	+.000	+152.589	+.000	+.000	+.000	+.000
36	+.000	+155.743	+.000	+.000	+.000	+.000
37	+.000	+158.140	+.000	+.000	+.000	+.000
38	+.000	+160.284	+.000	+.000	+.000	+.000
39	+.000	+156.436	+.000	+.000	+.000	+.000
40	+.000	+153.913	+.000	+.000	+.000	+.000
41	+.000	+150.128	+.000	+.000	+.000	+.000
42	+.000	+144.704	+.000	+.000	+.000	+.000

43	+.000	+140.351	+.000	+.000	+.000	+.000
44	+.000	+133.665	+.000	+.000	+.000	+.000
45	+.000	+129.691	+.000	+.000	+.000	+.000
46	+.000	+123.698	+.000	+.000	+.000	+.000
47	+.000	+119.850	+.000	+.000	+.000	+.000
48	+.000	+114.110	+.000	+.000	+.000	+.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	+99,637.356
02	+ .000	+87,855.871
03	+ .000	+88,164.391
04	+ .000	+96,905.065
05	+ .000	+87,280.120
06	+ .000	+91,297.826
07	+ .000	+114,685.400
08	+ .000	+123,002.743
09	+ .000	+175,194.798
10	+ .000	+164,575.698
11	+ .000	+143,451.920
12	+ .000	+134,621.103
13	+ .000	+98,527.748
14	+ .000	+96,618.337
15	+ .000	+77,130.422
16	+ .000	+84,225.331
17	+ .000	+82,840.308
18	+ .000	+91,117.251
19	+ .000	+88,396.049
20	+ .000	+82,415.438
21	+ .000	+83,523.287
22	+ .000	+72,641.219
23	+ .000	+78,987.472
24	+ .000	+64,090.656
25	+ .000	+63,530.827
26	+ .000	+54,113.642
27	+ .000	+51,683.113
28	+ .000	+49,771.824
29	+ .000	+45,105.607
30	+ .000	+44,123.469
31	+ .000	+54,315.248
32	+ .000	+65,051.689
33	+ .000	+67,394.519
34	+ .000	+73,030.142
35	+ .000	+84,960.974
36	+ .000	+89,511.169
37	+ .000	+85,621.169
38	+ .000	+101,716.505
39	+ .000	+99,421.950
40	+ .000	+83,318.032
41	+ .000	+67,686.760
42	+ .000	+58,815.413

43	+.000	+73,803.118
44	+.000	+65,962.606
45	+.000	+98,445.664
46	+.000	+114,331.513
47	+.000	+179,541.937
48	+.000	+162,654.431