

Date: 15/04/2020

Settlement Day:21/02/2019

SAA Run Number:06

Settlement Run Type:RF

NGESO Version Id:01

Internal Scheme Code:18/19

Internal Scheme Name:2018/2019

Internal Scheme Day: 327

BALANCING SERVICES USE OF SYSTEM CHARGE

TODAY COMPONENTS(£)

YEAR TO DATE(£)

Daily Cashflow SO BM	+1,355,517.520	+162,622,881.910
Daily Cashflow SO RR	+0.000	+0.000
Daily Total SO Cashflow	+1,341,697.800	+503,195,372.560
Balancing Services Contract Cost	+939,586.360	+332,640,490.023
Balancing Services Cost Variable	+22,967.720	+149,240,120.437
ESO Incentive Recovery Costs	+41,095.890	+13,438,356.030
Black Start Capital Costs	+0.000	+1,896,013.800
Black Start Testing Costs	+0.000	+390,085.780
Black Start Availability Costs	+122,476.680	+36,443,900.000
Black Start Other Costs	+0.000	+4,032,167.170
System Operator Internal Costs	+529,458.360	+173,132,883.720
System Innovation Costs	+0.000	+0.000
Prior Year Cost Recovery	+2,296.840	+751,066.680
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	+529,458.360	+173,132,883.720
Total External Costs	+2,470,121.290	+1,042,027,572.480
Total Adjusted Energy Volume (MWh)	+1,373,367.332	

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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	+22,426.279	+75,559.158	+3.36922
02	+22,905.949	+86,800.938	+3.78945
03	+23,143.565	+90,843.663	+3.92522
04	+22,417.900	+81,533.379	+3.63698
05	+22,623.530	+75,886.616	+3.35432
06	+22,230.558	+68,637.650	+3.08754
07	+21,896.829	+67,674.801	+3.09062
08	+21,426.064	+64,363.040	+3.00396
09	+21,428.538	+65,879.815	+3.07440
10	+21,665.440	+66,922.860	+3.08892
11	+22,081.051	+62,215.984	+2.81762
12	+23,172.257	+61,874.116	+2.67018
13	+24,997.789	+61,852.597	+2.47432
14	+27,339.243	+48,866.270	+1.78740
15	+29,889.906	+53,210.631	+1.78022
16	+31,360.669	+35,153.180	+1.12093
17	+32,238.253	+45,385.995	+1.40783
18	+32,900.950	+54,054.123	+1.64294
19	+33,056.429	+72,571.403	+2.19538
20	+32,509.116	+72,273.227	+2.22317
21	+32,199.878	+66,111.626	+2.05316
22	+31,932.118	+48,474.574	+1.51805
23	+31,230.437	+32,996.017	+1.05653
24	+30,334.427	+12,822.923	+0.42272
25	+29,747.059	+3,212.220	+0.10798
26	+29,062.984	-10,019.167	-0.34474
27	+28,595.871	+320.672	+0.01121
28	+28,184.869	+227.288	+0.00806
29	+28,299.255	+8,575.700	+0.30304
30	+28,465.298	+9,350.980	+0.32850
31	+29,041.521	+27,590.304	+0.95003
32	+30,052.939	+37,524.951	+1.24863
33	+31,225.814	+46,011.637	+1.47351
34	+32,550.126	+76,972.705	+2.36474
35	+33,851.639	+93,770.023	+2.77003
36	+35,484.199	+117,599.411	+3.31413
37	+36,546.482	+142,923.525	+3.91073
38	+36,352.183	+137,716.297	+3.78839
39	+35,749.986	+118,512.585	+3.31504
40	+34,862.791	+110,622.301	+3.17308
41	+34,042.746	+102,166.811	+3.00113
42	+32,852.380	+72,420.786	+2.20443

43	+31,083.528	+74,176.777	+2.38637
44	+29,038.410	+81,600.155	+2.81008
45	+27,358.360	+67,852.239	+2.48013
46	+25,694.629	+61,134.293	+2.37926
47	+24,247.765	+72,291.224	+2.98136
48	+23,569.323	+75,044.996	+3.18401

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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	+0.01633	+56,250.04	+0.00	+55,876.51	+15,343.445	-7,015.500
02	+0.01668	+67,436.72	+0.00	+66,546.07	+15,672.300	-7,015.500
03	+0.01685	+72,559.35	+0.00	+71,888.71	+15,832.030	-8,593.350
04	+0.01632	+64,406.00	+0.00	+63,444.93	+15,334.049	-8,593.350
05	+0.01647	+59,751.87	+0.00	+59,535.13	+15,474.987	-10,575.550
06	+0.01619	+52,769.54	+0.00	+52,743.94	+15,211.903	-10,575.550
07	+0.01594	+55,171.20	+0.00	+54,996.77	+14,977.007	-13,382.500
08	+0.01560	+52,245.26	+0.00	+52,240.88	+14,657.547	-13,382.500
09	+0.01560	+52,450.31	+0.00	+52,429.78	+14,657.547	-12,054.625
10	+0.01578	+53,212.33	+0.00	+53,178.54	+14,826.673	-12,054.625
11	+0.01608	+49,365.82	+0.00	+48,671.54	+15,108.549	-12,744.975
12	+0.01687	+47,654.70	+0.00	+47,038.09	+15,850.822	-12,744.975
13	+0.01820	+31,553.33	+0.00	+31,304.85	+17,100.472	+792.310
14	+0.01991	+16,169.18	+0.00	+15,522.82	+18,707.164	+792.310
15	+0.02176	+9,756.53	+0.00	+9,311.59	+20,445.399	+8,323.310
16	+0.02283	-10,420.68	+0.00	-10,495.22	+21,450.757	+8,323.310
17	+0.02347	-1,221.96	+0.00	-1,308.75	+22,052.092	+8,323.310
18	+0.02396	+6,747.42	+0.00	+6,558.27	+22,512.489	+8,323.310
19	+0.02407	+24,999.88	+0.00	+24,895.71	+22,615.844	+8,323.310
20	+0.02367	+25,405.54	+0.00	+25,251.50	+22,240.009	+8,323.310
21	+0.02345	+19,565.03	+0.00	+19,449.58	+22,033.300	+8,323.310
22	+0.02325	+2,141.28	+0.00	+2,139.51	+21,845.383	+8,323.310
23	+0.02274	-12,459.77	+0.00	-12,505.24	+21,366.194	+8,323.310
24	+0.02209	-31,614.96	+0.00	-31,615.64	+20,755.463	+8,323.310
25	+0.02166	-40,481.53	+0.00	-40,523.33	+20,351.441	+8,323.310
26	+0.02116	-52,933.88	+0.00	-52,937.26	+19,881.647	+8,323.310
27	+0.02082	-33,683.94	+0.00	-33,718.24	+19,562.188	+0.000
28	+0.02052	-33,321.15	+0.00	-33,321.15	+19,280.312	+0.000
29	+0.02061	-25,097.85	+0.00	-25,119.88	+19,364.875	+0.000
30	+0.02073	-24,292.56	+0.00	-24,540.79	+19,477.625	+0.000
31	+0.02115	-6,471.33	+0.00	-6,988.13	+19,872.252	+0.000
32	+0.02188	+2,407.61	+0.00	+1,753.03	+20,558.150	+0.000
33	+0.02274	+9,160.28	+0.00	+8,833.69	+21,366.194	+0.000
34	+0.02370	+30,388.23	+0.00	+29,791.83	+22,268.197	+8,433.410
35	+0.02465	+45,111.34	+0.00	+45,035.98	+23,160.804	+8,433.410
36	+0.02584	+67,500.48	+0.00	+66,919.82	+24,278.912	+8,433.410
37	+0.02661	+91,109.37	+0.00	+90,985.05	+25,002.393	+8,433.410
38	+0.02647	+86,134.60	+0.00	+86,006.71	+24,870.851	+8,433.410
39	+0.02603	+67,922.05	+0.00	+67,522.36	+24,457.433	+8,433.410
40	+0.02538	+61,127.71	+0.00	+60,694.77	+23,846.702	+8,433.410
41	+0.02479	+54,326.56	+0.00	+53,203.88	+23,292.346	+8,433.410
42	+0.02392	+33,496.03	+0.00	+33,313.64	+22,474.906	+0.000

43	+0.02263	+37,559.55	+ .00	+37,178.67	+21,262.839	+ .000
44	+0.02114	+47,100.61	+ .00	+47,038.07	+19,862.856	+ .000
45	+0.01992	+37,349.03	+ .00	+37,021.75	+18,716.560	-1,737.000
46	+0.01871	+32,468.42	+ .00	+32,282.05	+17,579.661	-1,737.000
47	+0.01766	+50,725.78	+ .00	+50,297.09	+16,593.095	-6,878.450
48	+0.01716	+54,018.15	+ .00	+53,868.32	+16,123.302	-6,878.450

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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	+671.096	+0.000	+0.000	+2,000.044	+0.000	+8,646.055
02	+685.479	+0.000	+0.000	+2,042.911	+0.000	+8,831.365
03	+692.466	+0.000	+0.000	+2,063.732	+0.000	+8,921.373
04	+670.685	+0.000	+0.000	+1,998.819	+0.000	+8,640.760
05	+676.849	+0.000	+0.000	+2,017.191	+0.000	+8,720.179
06	+665.342	+0.000	+0.000	+1,982.897	+0.000	+8,571.931
07	+655.068	+0.000	+0.000	+1,952.278	+0.000	+8,439.566
08	+641.096	+0.000	+0.000	+1,910.636	+0.000	+8,259.550
09	+641.096	+0.000	+0.000	+1,910.636	+0.000	+8,259.550
10	+648.493	+0.000	+0.000	+1,932.682	+0.000	+8,354.853
11	+660.822	+0.000	+0.000	+1,969.425	+0.000	+8,513.690
12	+693.288	+0.000	+0.000	+2,066.182	+0.000	+8,931.963
13	+747.945	+0.000	+0.000	+2,229.076	+0.000	+9,636.142
14	+818.219	+0.000	+0.000	+2,438.511	+0.000	+10,541.516
15	+894.247	+0.000	+0.000	+2,665.093	+0.000	+11,521.014
16	+938.219	+0.000	+0.000	+2,796.143	+0.000	+12,087.534
17	+964.521	+0.000	+0.000	+2,874.528	+0.000	+12,426.388
18	+984.658	+0.000	+0.000	+2,934.541	+0.000	+12,685.822
19	+989.178	+0.000	+0.000	+2,948.014	+0.000	+12,744.063
20	+972.740	+0.000	+0.000	+2,899.023	+0.000	+12,532.279
21	+963.699	+0.000	+0.000	+2,872.078	+0.000	+12,415.799
22	+955.479	+0.000	+0.000	+2,847.583	+0.000	+12,309.907
23	+934.521	+0.000	+0.000	+2,785.120	+0.000	+12,039.883
24	+907.808	+0.000	+0.000	+2,705.510	+0.000	+11,695.735
25	+890.137	+0.000	+0.000	+2,652.845	+0.000	+11,468.068
26	+869.589	+0.000	+0.000	+2,591.607	+0.000	+11,203.339
27	+855.616	+0.000	+0.000	+2,549.964	+0.000	+11,023.323
28	+843.288	+0.000	+0.000	+2,513.221	+0.000	+10,864.486
29	+846.986	+0.000	+0.000	+2,524.244	+0.000	+10,912.137
30	+851.918	+0.000	+0.000	+2,538.942	+0.000	+10,975.672
31	+869.178	+0.000	+0.000	+2,590.382	+0.000	+11,198.044
32	+899.178	+0.000	+0.000	+2,679.790	+0.000	+11,584.549
33	+934.521	+0.000	+0.000	+2,785.120	+0.000	+12,039.883
34	+973.973	+0.000	+0.000	+2,902.697	+0.000	+12,548.163
35	+1,013.014	+0.000	+0.000	+3,019.050	+0.000	+13,051.149
36	+1,061.918	+0.000	+0.000	+3,164.797	+0.000	+13,681.204
37	+1,093.562	+0.000	+0.000	+3,259.104	+0.000	+14,088.887
38	+1,087.808	+0.000	+0.000	+3,241.958	+0.000	+14,014.763
39	+1,069.726	+0.000	+0.000	+3,188.068	+0.000	+13,781.801
40	+1,043.014	+0.000	+0.000	+3,108.458	+0.000	+13,437.653
41	+1,018.767	+0.000	+0.000	+3,036.197	+0.000	+13,125.273
42	+983.014	+0.000	+0.000	+2,929.642	+0.000	+12,664.644

43	+930.000	+.000	+.000	+2,771.647	+.000	+11,981.643
44	+868.767	+.000	+.000	+2,589.157	+.000	+11,192.750
45	+818.630	+.000	+.000	+2,439.735	+.000	+10,546.811
46	+768.904	+.000	+.000	+2,291.539	+.000	+9,906.166
47	+725.753	+.000	+.000	+2,162.938	+.000	+9,350.235
48	+705.205	+.000	+.000	+2,101.700	+.000	+9,085.505

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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	+37.507	+.000	+.000	+.000	+.000
02	+.000	+38.311	+.000	+.000	+.000	+.000
03	+.000	+38.702	+.000	+.000	+.000	+.000
04	+.000	+37.484	+.000	+.000	+.000	+.000
05	+.000	+37.829	+.000	+.000	+.000	+.000
06	+.000	+37.186	+.000	+.000	+.000	+.000
07	+.000	+36.612	+.000	+.000	+.000	+.000
08	+.000	+35.831	+.000	+.000	+.000	+.000
09	+.000	+35.831	+.000	+.000	+.000	+.000
10	+.000	+36.244	+.000	+.000	+.000	+.000
11	+.000	+36.933	+.000	+.000	+.000	+.000
12	+.000	+38.748	+.000	+.000	+.000	+.000
13	+.000	+41.802	+.000	+.000	+.000	+.000
14	+.000	+45.730	+.000	+.000	+.000	+.000
15	+.000	+49.979	+.000	+.000	+.000	+.000
16	+.000	+52.437	+.000	+.000	+.000	+.000
17	+.000	+53.907	+.000	+.000	+.000	+.000
18	+.000	+55.032	+.000	+.000	+.000	+.000
19	+.000	+55.285	+.000	+.000	+.000	+.000
20	+.000	+54.366	+.000	+.000	+.000	+.000
21	+.000	+53.861	+.000	+.000	+.000	+.000
22	+.000	+53.402	+.000	+.000	+.000	+.000
23	+.000	+52.230	+.000	+.000	+.000	+.000
24	+.000	+50.737	+.000	+.000	+.000	+.000
25	+.000	+49.750	+.000	+.000	+.000	+.000
26	+.000	+48.601	+.000	+.000	+.000	+.000
27	+.000	+47.820	+.000	+.000	+.000	+.000
28	+.000	+47.131	+.000	+.000	+.000	+.000
29	+.000	+47.338	+.000	+.000	+.000	+.000
30	+.000	+47.613	+.000	+.000	+.000	+.000
31	+.000	+48.578	+.000	+.000	+.000	+.000
32	+.000	+50.255	+.000	+.000	+.000	+.000
33	+.000	+52.230	+.000	+.000	+.000	+.000
34	+.000	+54.435	+.000	+.000	+.000	+.000
35	+.000	+56.617	+.000	+.000	+.000	+.000
36	+.000	+59.350	+.000	+.000	+.000	+.000
37	+.000	+61.119	+.000	+.000	+.000	+.000
38	+.000	+60.797	+.000	+.000	+.000	+.000
39	+.000	+59.787	+.000	+.000	+.000	+.000
40	+.000	+58.294	+.000	+.000	+.000	+.000
41	+.000	+56.939	+.000	+.000	+.000	+.000
42	+.000	+54.940	+.000	+.000	+.000	+.000



43	+.000	+51.977	+.000	+.000	+.000	+.000
44	+.000	+48.555	+.000	+.000	+.000	+.000
45	+.000	+45.753	+.000	+.000	+.000	+.000
46	+.000	+42.974	+.000	+.000	+.000	+.000
47	+.000	+40.562	+.000	+.000	+.000	+.000
48	+.000	+39.414	+.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	+75,559.158
02	+ .000	+86,800.938
03	+ .000	+90,843.663
04	+ .000	+81,533.379
05	+ .000	+75,886.616
06	+ .000	+68,637.650
07	+ .000	+67,674.801
08	+ .000	+64,363.040
09	+ .000	+65,879.815
10	+ .000	+66,922.860
11	+ .000	+62,215.984
12	+ .000	+61,874.116
13	+ .000	+61,852.597
14	+ .000	+48,866.270
15	+ .000	+53,210.631
16	+ .000	+35,153.180
17	+ .000	+45,385.995
18	+ .000	+54,054.123
19	+ .000	+72,571.403
20	+ .000	+72,273.227
21	+ .000	+66,111.626
22	+ .000	+48,474.574
23	+ .000	+32,996.017
24	+ .000	+12,822.923
25	+ .000	+3,212.220
26	+ .000	-10,019.167
27	+ .000	+320.672
28	+ .000	+227.288
29	+ .000	+8,575.700
30	+ .000	+9,350.980
31	+ .000	+27,590.304
32	+ .000	+37,524.951
33	+ .000	+46,011.637
34	+ .000	+76,972.705
35	+ .000	+93,770.023
36	+ .000	+117,599.411
37	+ .000	+142,923.525
38	+ .000	+137,716.297
39	+ .000	+118,512.585
40	+ .000	+110,622.301
41	+ .000	+102,166.811
42	+ .000	+72,420.786

43	+.000	+74,176.777
44	+.000	+81,600.155
45	+.000	+67,852.239
46	+.000	+61,134.293
47	+.000	+72,291.224
48	+.000	+75,044.996