

Year	2014/15	2015/16	2016/17	2017/18	2018/19	2019/20	2020/21	2021/22	2022/23	2023/24	2024/25	2025/26	2026/27	2027/28	2028/29	2029/30	2030/31	2031/32	2032/33	2033/34	2034/35	2035/36	2036/37	2037/38	2038/39	
<div style="border: 1px solid black; padding: 5px; margin-bottom: 10px;"> Relative Waste Growth 100.0%  Contract Waste CV (MJ/kg) 8.85  CHP yes/no yes </div>																										
<b>Contract Waste</b>																										
Contract Waste Landfilled	1,253	1,261	1,252	1,260	1,269	1,221	1,238	1,256	1,274	1,292	1,295	1,313	1,331	1,349	1,367	1,387	1,406	1,425	1,444	1,464	1,484	1,504	1,525	1,546	1,567	
Contract Waste Recycled	467	470	466	469	471	457	462	468	474	480	482	488	494	500	506	513	520	526	533	540	546	553	560	567	575	
Contract Waste Input to EfW	166,709	167,564	168,363	169,871	171,283	170,552	172,156	173,778	175,403	177,060	177,311	179,018	180,714	182,268	183,839	183,907	185,728	187,568	189,427	191,308	193,209	195,131	197,073	199,038	201,024	
Contract Waste Input (Tonnes per hour)	21.1	21.3	21.4	21.5	21.7	21.6	21.8	22.0	22.2	22.5	22.7	22.9	23.1	23.3	23.3	23.6	23.8	24.0	24.3	24.5	24.8	25.0	25.2	25.5	25.8	
Contract Waste CV (MJ/kg)	8.85	8.86	8.85	8.85	8.86	8.84	8.84	8.85	8.85	8.85	8.85	8.85	8.85	8.86	8.86	8.86	8.86	8.86	8.86	8.86	8.87	8.87	8.87	8.87	8.87	
Total	168,429	169,295	170,081	171,600	173,023	172,229	173,856	175,502	177,150	178,832	179,088	180,819	182,539	184,117	185,712	185,807	187,653	189,519	191,404	193,311	195,239	197,188	199,158	201,151	203,166	
<b>C&amp;I (Non contract) Waste Input</b>																										
C&I (Non contract) waste input (tonnes)	CV (MJ/kg) 11.26	74,081	73,350	72,808	71,676	70,601	71,403	70,166	68,912	67,656	66,374	66,296	64,983	63,683	62,497	61,298	61,310	59,935	58,545	57,140	55,718	54,280	52,827	51,357	49,869	48,365
Total Waste Input (Tonnes)	240,789	240,915	241,171	241,547	241,884	241,955	242,321	242,691	243,058	243,434	243,607	244,000	244,397	244,765	245,137	245,217	245,663	246,113	246,567	247,026	247,489	247,957	248,430	248,907	249,389	
Total Waste Input (Tonnes per hour)	30.5	30.6	30.6	30.6	30.7	30.7	30.8	30.8	30.9	30.9	30.9	31.0	31.0	31.1	31.1	31.2	31.2	31.3	31.3	31.4	31.4	31.5	31.5	31.6	31.6	
Average Contract and Non Contract CV (MJ/kg)	9.59	9.59	9.58	9.56	9.55	9.54	9.53	9.52	9.50	9.49	9.48	9.46	9.45	9.43	9.42	9.42	9.40	9.38	9.37	9.35	9.33	9.31	9.30	9.28	9.26	
<b>Energy Outputs</b>																										
<b>Contract Waste Energy Output</b>																										
Gross Electrical Generation (MWhrs)	115,152	115,836	116,344	117,405	118,412	117,660	118,819	119,993	121,170	122,370	122,443	123,674	124,891	126,002	127,125	127,114	128,401	129,704	131,020	132,351	133,698	135,060	136,437	137,830	139,239	
Gross Electrical Generation (MW)	14.61	14.69	14.76	14.89	15.02	14.92	15.07	15.22	15.37	15.52	15.53	15.69	15.84	15.98	16.12	16.12	16.29	16.45	16.62	16.79	16.96	17.13	17.31	17.48	17.66	
Electricity consumption (MWhrs)	12,458	12,532	12,587	12,701	12,810	12,729	12,854	12,981	13,109	13,239	13,247	13,380	13,511	13,632	13,753	13,752	13,891	14,032	14,174	14,318	14,464	14,611	14,760	14,911	15,064	
Electricity consumption (MW)	1.58	1.59	1.60	1.61	1.62	1.61	1.63	1.65	1.66	1.68	1.68	1.70	1.71	1.73	1.74	1.74	1.76	1.78	1.80	1.82	1.83	1.85	1.87	1.89	1.91	
Net Electricity export (MWhrs)	102,694	103,304	103,758	104,703	105,601	104,931	105,965	107,011	108,061	109,132	109,197	110,294	111,380	112,370	113,372	113,362	114,510	115,672	116,845	118,033	119,234	120,448	121,676	122,919	124,176	
Net Electricity export (MW)	13.03	13.10	13.16	13.28	13.39	13.31	13.44	13.57	13.71	13.84	13.85	13.99	14.13	14.25	14.38	14.38	14.52	14.67	14.82	14.97	15.12	15.28	15.43	15.59	15.75	
Available heat for export (MWhrs)	47,536	47,818	48,028	48,466	48,882	48,571	49,050	49,534	50,020	50,516	50,546	51,054	51,557	52,015	52,479	52,474	53,005	53,543	54,086	54,636	55,192	55,754	56,323	56,898	57,480	
Available heat for export (MW)	6.03	6.07	6.09	6.15	6.20	6.16	6.22	6.28	6.34	6.41	6.41	6.48	6.54	6.60	6.66	6.66	6.72	6.79	6.86	6.93	7.00	7.07	7.14	7.22	7.29	
<b>Total Energy Balance</b>																										
Gross Electrical Generation (MWhrs)	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	180,248	
Gross Electrical Generation (MW)	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	22.86	
Electrical parasitic consumption (MWhrs)	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	19,500	
Electrical parasitic consumption (MW)	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	2.47	
Net Electrical export (MWhrs)	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	160,748	
Net Electrical export (MW)	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	20.39	
Available heat for export (MWhrs)	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	74,408	
Available heat for export (MW)	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	9.44	
<b>EfW Residue Outputs</b>																										
<b>Contract Waste Residues</b>																										
Bottom Ash	39,177	39,378	39,565	39,920	40,252	40,080	40,457	40,838	41,220	41,609	41,668	42,069	42,468	42,833	43,202	43,218	43,646	44,079	44,515	44,957	45,404	45,856	46,312	46,774	47,241	
Bottom Ash metals Recovered																										
Ferrous	3,650	3,669	3,688	3,722	3,752	3,741	3,774	3,808	3,841	3,876	3,874	3,910	3,945	3,977	4,009	4,005	4,044	4,083	4,123	4,163	4,203	4,244	4,285	4,327	4,369	
Non Ferrous	920	925	930	938	946	944	953	961	969	978	979	987	996	1,004	1,012	1,012	1,021	1,031	1,041	1,051	1,061	1,071	1,082	1,092	1,102	
Bottom Ash aggregate recovered	34,260	34,435	34,598	34,907	35,198	35,041	35,373	35,709	36,045	36,388	36,447	36,800	37,152	37,474	37,800	37,819	38,195	38,574	38,958	39,346	39,738	40,135	40,536	40,941	41,352	
Bottom Ash to landfill	346	348	349	353	356	354	357	364	368	368	372	375	379	382	382	386	390	394	397	401	405	409	414	418	423	
Air Pollution Control (APC) Residues	5,501	5,530	5,556	5,606	5,652	5,628	5,681	5,735	5,788	5,843	5,851	5,908	5,964	6,015	6,067	6,069	6,129	6,190	6,251	6,313	6,376	6,439	6,503	6,568	6,634	
Residue Diversion rate	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	86.9%	
<b>Total Waste Residues</b>																										
Bottom Ash	56,585	56,615	56,675	56,764	56,843	56,859	56,945	57,032	57,119	57,207	57,248	57,340	57,433	57,520	57,607	57,626	57,731	57,837	57,943	58,051	58,160	58,270	58,381	58,493	58,606	
Bottom Ash metals Recovered																										
Ferrous	5,651	5,650	5,654	5,657	5,658	5,669	5,669	5,668	5,668	5,668	5,664	5,664	5,664	5,664	5,664	5,661	5,662	5,664	5,666	5,667	5,669	5,670	5,672	5,673	5,675	
Non Ferrous	1,698	1,695	1,694	1,691	1,687	1,694	1,689	1,684	1,680	1,675	1,675	1,670	1,665	1,660	1,656	1,656	1,651	1,646	1,641	1,636	1,631	1,626	1,621	1,616	1,610	
Bottom Ash aggregate recovered	48,745	48,777	48,833	48,922	49,002	49,002	49,092	49,183	49,273	49,366	49,410	49,506	49,603	49,694	49,785	49,807	49,913	50,021	50,130	50,240	50,351	50,464	50,577	50,692	50,808	
Bottom Ash to landfill	492	493	493	494	495	495	496	497	499	499	500	500	501	502	503	503	504	505	506	507	509	510	511	512	513	
Air Pollution Control (APC) Residues	7,946	7,950	7,959	7,971	7,982	7																				