

July 2023 Interest Rates																															
Amount of Debtenture		Comparable Treasury Market Rate		Spread Over Treasury Rate (%)		CDC Fee Borrower Fee		0.625	1.000	0.625	1.000	0.625	1.000	0.625	1.000	0.625	1.000	0.625	1.000	0.625	1.000	0.625	1.000	0.625	1.000	0.625	1.000	0.625	1.000		
Issue Date	(\$)	Debtenture Rate (%)	Note Rate (%)	CSA Fee	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100	0.100		
10-Year Debentures																															
Jan 21	4,135	0.67	0.69727	0.46	0.21	N/A	N/A	2.733	N/A	2.325	2.883	2.254	N/A	2.450	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.256	N/A	N/A	N/A	N/A
Mar 21	9,478	0.91	0.94684	0.79	0.12	N/A	N/A	2.983	N/A	2.575	N/A	2.504	3.063	2.700	3.258	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
May 21	12,001	0.84	0.87394	0.79	0.05	N/A	N/A	N/A	N/A	3.056	2.428	2.985	2.623	3.180	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.674	N/A	N/A	N/A	
July 21	9,501	0.82	0.85320	0.74	0.08	N/A	N/A	2.887	N/A	2.480	N/A	2.409	2.967	2.604	3.162	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.656	3.214	N/A	N/A	
Sept 21	12,821	0.90	0.93642	0.81	0.09	N/A	N/A	N/A	N/A	3.528	2.563	N/A	2.492	3.050	2.687	3.245	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.739	3.297	N/A	N/A	
Nov 21	16,778	1.31	1.36226	1.18	0.13	N/A	N/A	3.392	N/A	N/A	N/A	2.914	3.471	3.109	3.666	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.161	3.718	N/A	N/A	
Jan 22	12,092	1.58	1.64224	1.47	0.11	N/A	N/A	N/A	N/A	3.257	N/A	3.187	3.741	3.381	3.935	N/A	3.633	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.432	3.986	3.096	N/A	
Mar 22	17,227	2.30	2.38859	1.93	0.37	N/A	N/A	4.401	N/A	N/A	N/A	3.928	4.480	4.121	4.673	3.820	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.172	N/A	N/A	N/A	
May 22	20,358	3.39	3.51524	3.01	0.38	N/A	N/A	N/A	N/A	N/A	N/A	5.037	5.583	5.228	5.774	4.931	5.477	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.948	N/A	N/A	
July 22	19,312	3.43	3.55675	3.01	0.42	N/A	N/A	N/A	N/A	5.149	N/A	5.626	5.271	5.817	4.974	5.520	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.537	N/A	
Sept 22	15,202	3.78	3.91809	3.38	0.40	N/A	N/A	N/A	N/A	N/A	N/A	5.438	N/A	5.629	6.174	5.332	5.877	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.349	5.894	
Nov 22	16,930	4.70	4.86652	3.95	0.75	N/A	N/A	N/A	N/A	7.385	N/A	6.378	6.920	6.568	7.110	6.273	6.815	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6.289	6.831	N/A	
Jan 23	12,344	4.60	4.76278	3.95	0.65	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6.460	7.001	6.166	6.707	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
Mar 23	11,954	4.93	5.10307	4.28	0.65	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6.800	7.341	6.506	7.047	6.784	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	
May 23	7,158	4.21	4.36187	3.31	0.90	N/A	N/A	N/A	N/A	N/A	N/A	5.880	N/A	6.070	6.615	5.774	6.318	6.054	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6.076	
July 23	8,949	5.22	5.40084	4.42	0.80	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.092	N/A	6.798	7.337	7.076	7.614	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	7.098	
20-Year Debentures																															
Jan 21	50,211	1.18	1.20277	1.08	0.10	2.962	3.426	2.894	3.358	2.555	3.019	2.496	2.960	2.658	3.122	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.498	N/A	2.702	N/A	N/A	
Feb 21	60,207	1.24	1.26377	1.15	0.09	3.024	N/A	2.956	3.420	2.617	3.081	2.558	3.022	2.720	3.185	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.560	3.024	2.764	N/A	N/A	
Mar 21	57,071	1.52	1.54858	1.54	-0.02	3.305	3.768	3.237	3.700	2.899	3.362	2.840	N/A	3.002	3.465	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.045	N/A	N/A	N/A	
April 21	59,703	1.54	1.56902	1.64	-0.10	3.324	3.787	3.256	3.719	2.918	3.381	2.859	3.322	3.021	3.484	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.861	N/A	3.064	3.527	N/A	
May 21	63,539	1.37	1.39601	1.56	-0.19	3.152	N/A	3.084	3.547	2.746	3.209	2.687	3.150	2.849	3.312	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.689	N/A	2.892	N/A	N/A	
June 21	70,555	1.29	1.31461	1.49	-0.20	3.074	3.538	3.006	3.470	2.667	3.131	2.608	3.072	2.770	3.234	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.813	N/A	N/A	N/A	
July 21	90,067	1.22	1.24338	1.29	-0.07	3.003	N/A	2.934	3.398	2.596	3.059	2.537	3.001	2.699	3.163	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.742	3.206	N/A	N/A	
Aug 21	68,384	1.27	1.29425	1.20	0.07	N/A	N/A	3.515	2.983	N/A	2.645	3.108	2.586	3.049	2.748	3.211	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.791	3.255	N/A	N/A	
Sept 21	83,523	1.38	1.40620	1.33	0.05	3.164	3.627	3.096	N/A	2.757	N/A	2.698	3.162	2.860	3.324	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	2.903	3.367	N/A	N/A	
Oct 21	71,529	1.54	1.56884	1.56	-0.02	3.323	N/A	3.255	3.718	2.917	3.380	2.859	3.321	3.021	3.483	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.063	N/A	N/A	N/A	
Nov 21	96,582	1.55	1.57906	1.50	0.05	3.335	N/A	3.267	3.730	2.929	3.392	2.870	3.333	3.032	3.495	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.075	3.538	N/A	N/A	
Dec 21	68,395	1.65	1.68071	1.48	0.17	3.435	N/A	3.367	N/A	3.029	3.491	2.970	3.433	3.132	3.595	2.880	3.343	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.175	3.638	2.894	N/A	
Jan 22	62,330	1.84	1.87372	1.73	0.11	3.624	N/A	N/A	4.017	N/A	N/A	3.160	3.622	3.322	3.783	3.070	3.532	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.365	N/A	3.085	N/A	
Feb 22	69,462	2.22	2.25968	1.99	0.23	N/A	N/A	3.939	4.400	3.602	4.063	3.544	4.005	3.705	4.166	3.454	3.915	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	3.748	N/A	3.469	3.929	
Mar 22	75,960	2.53	2.57423	2.00	0.53	4.317	N/A	4.250	N/A	3.914	N/A	3.856	N/A	4.017	4.476	3.766	4.226	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.059	N/A	3.780	N/A	
April 22	94,133	3.38	3.43547	2.65	0.73	N/A	N/A	5.100	5.557	4.766	N/A	4.709	N/A	4.868	5.325	4.620	5.076	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	4.911	5.367	4.634	N/A	
May 22	81,487	3.82	3.88065	3.04	0.78	N/A	N/A	5.539	N/A	5.207	5.662	5.149	5.604	5.309	5.764	5.061	5.516	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.351	5.806	5.075	N/A	
June 22	100,238	3.89	3.95163	3.04	0.85	N/A	N/A	5.611	6.067	5.279	N/A	5.221	5.676	5.380	5.836	5.132	5.588	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.423	N/A	5.146	5.602	
July 22	70,315	3.81	3.87069	2.96	0.85	5.597	N/A	5.530	N/A	5.198	N/A	5.140	5.595	5.299	5.755	5.051	5.507	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.342	N/A	5.065	5.521	
Aug 22	79,827	3.65	3.70886	2.82	0.83	5.439	N/A	5.372	N/A	5.039	N/A	4.981	5.437	5.141	5.597	4.892	5.349	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.183	N/A	4.906	5.363	
Sept 22	52,060	4.10	4.16385	3.26	0.84	N/A	N/A	N/A	N/A	5.489	N/A	5.431	N/A	5.590	6.045	5.343	5.797	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.357	5.811	
Oct 22	50,244	4.89	4.96167	3.84	1.05	N/A	N/A	6.610	N/A	6.279	N/A	6.222	N/A	6.380	6.832	6.134	6.586	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6.148	N/A	
Nov 22	51,598	4.98	5.05266	3.83	1.15	N/A	N/A	6.702	N/A	N/A	N/A	6.314	6.766	6.472	6.925	6.226	6.678	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6.240	N/A	
Dec 22	40,251	4.56	4.62866	3.46	1.10	6.348	N/A	N/A	N/A	5.950	N/A	5.892	N/A	6.051	6.504	5.804	6.258	6.037	6.491	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	5.818	N/A	
Jan 23	44,014	4.81	4.88083	3.76	1.05	N/A	N/A	6.529	N/A	6.199	N/A	6.142	N/A	6.300	6.752	6.054	6.506	6.286	6.739	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	N/A	6.067	N/A	
Feb 23																															