



Distribution Hosting Capacity Table

*For Solar (PV) Generation Connected to Distribution
Systems Rated $\leq 26,400$ V*

Date: *April 12, 2024*

Version: *1.2*

Nova Scotia Power Inc.

P.O. Box 910

Halifax, Nova

Scotia B3J

2W5

Phone 902-428-6230

www.nspower.ca

VERSION HISTORY

<u>DATE</u>	<u>REV.</u>	<u>DESCRIPTION</u>
Aug. 3, 2023	1.0	Draft Hosting Capacity Analysis for Solar Generation
Feb. 9, 2024	1.1	Updated calculations
April 12, 2024	1.2	Corrected calculation error

Solar (PV) Hosting Capacity

The following table provides estimates for solar (PV) generation hosting capacity by distribution feeder. The actual hosting capacity will be determined during the Preliminary Assessment stage of the DGIP.

Distribution Zone PV Hosting Capacity is the estimated amount of additional PV generation that could be integrated within the Distribution Zone without causing transmission system impacts.

Feeder PV Hosting Capacity is limited to the available Distribution Zone PV Hosting Capacity or the design limit of the distribution feeder less any installed (or advance stage) generation on the feeder.

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
1C-411	1C-TX-T61	Inverness	24.94	3,252	3,252
1C-412	1C-TX-T61	Richmond	24.94	3,252	3,252
1C-413	1C-TX-T61	Richmond	24.94	3,252	3,252
1H-403	1H_TX-T63	Halifax	24.94	14,000	17,353
1H-405	1H_TX-T61	Halifax	24.94	8,290	8,290
1H-415	1H_TX-T61	Halifax	24.94	8,290	8,290
1H-419	1H_TX-T61	Halifax	24.94	8,290	8,290
1H-422	1H_TX-T62	Halifax	24.94	14,000	14,755
1H-424	1H_TX-T62	Halifax	24.94	14,000	14,755
1H-427	1H_TX-T63	Halifax	24.94	14,000	17,353
1H-429	1H_TX-T62	Halifax	24.94	14,000	14,755
1H-431	1H_TX-T62	Halifax	24.94	14,000	14,755
1H-454	1H_TX-T63	Halifax	24.94	14,000	17,353
1H-456	1H_TX-T63	Halifax	24.94	14,000	17,353
1N-402	1N_TX-T65	Colchester	24.94	4,255	4,255
1N-403	1N_TX-T1	Colchester	24.94	2,629	2,629
1N-404	1N_TX-T65	Colchester	24.94	4,255	4,255
1N-405	1N_TX-T65	Colchester	24.94	4,255	4,255
1N-421	1N_TX-T4	Colchester	24.94	2,065	2,065
1V-442	1V_TX-T51	Hants	24.94	1,608	1,608
1V-443	1V_TX-T51	Lunenburg	24.94	1,608	1,608
2C-401	2C_TX-T1	Inverness	24.94	39	39
2C-402	2C_TX-T1	Inverness	24.94	39	39
2H-411	2H_TX-T61	Halifax	24.94	11,928	11,928
2H-412	2H_TX-T61	Halifax	24.94	11,928	11,928
2H-413	2H_TX-T61	Halifax	24.94	11,928	11,928
2H-421	2H_TX-T62	Halifax	24.94	10,312	10,312
2H-422	2H_TX-T62	Halifax	24.94	10,312	10,312
2H-423	2H_TX-T62	Halifax	24.94	10,312	10,312
2H-424	2H_TX-T62	Halifax	24.94	10,312	10,312

Nova Scotia Power – Distribution Hosting Capacity Table

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
3N-411	3N_TX-T51	Cumberland	24.94	4,058	4,058
3N-412	3N_TX-T51	Cumberland	24.94	0	0
3S-301	3S_TX-T5	Cape Breton	12.47	1,698	1,698
3S-302	3S_TX-T5	Cape Breton	12.47	1,698	1,698
3S-303	3S_TX-T5	Cape Breton	12.47	1,698	1,698
3S-307	3S_TX-T4	Cape Breton	12.47	5,551	5,551
3S-308	3S_TX-T4	Cape Breton	12.47	5,551	5,551
3S-309	3S_TX-T4	Cape Breton	12.47	5,551	5,551
3S-403	3S_TX-T3	Cape Breton	24.94	463	463
3S-405	3S_TX-T3	Cape Breton	24.94	463	463
4C-424	4C_TX-T63	Antigonish	24.94	0	0
4C-430	4C_TX-T63	Antigonish	24.94	0	0
4C-432	4C_TX-T63	Antigonish	24.94	0	0
4C-441	4C_TX-T63	Antigonish	24.94	0	0
4C-442	4C_TX-T63	Antigonish	24.94	0	0
4N-311	4N_TX-T51	Colchester	12.47	1,886	1,886
4N-312	4N_TX-T51	Colchester	12.47	1,886	1,886
4N-313	4N_TX-T51	Colchester	12.47	1,886	1,886
4S-321	4S_TX-T52	Cape Breton	12.47	7,000	7,574
4S-322	4S_TX-T52	Cape Breton	12.47	7,000	7,574
4S-323	4S_TX-T52	Cape Breton	12.47	7,000	7,574
4S-324	4S_TX-T52	Cape Breton	12.47	7,000	7,574
4S-331	4S_TX-T53	Cape Breton	12.47	6,372	6,372
4S-332	4S_TX-T53	Cape Breton	12.47	6,372	6,372
4S-333	4S_TX-T53	Cape Breton	12.47	6,372	6,372
4S-334	4S_TX-T53	Cape Breton	12.47	6,372	6,372
5N-301	81N_TX-T61	Colchester	12.47	2,001	7,332
6N-301	6N_TX_T1	Cumberland	12.47	1,202	1,202
6N-302	6N_TX_T1	Cumberland	12.47	1,202	1,202
6S-221	6S_TX-T1	Cape Breton	4.16	0	0
6S-223	6S_TX-T1	Cape Breton	4.16	0	0
6S-224	6S_TX-T1	Cape Breton	4.16	0	0
6S-225	6S_TX-T1	Cape Breton	4.16	0	0
7N-211	7N_TX-T1	Cumberland	4.16	462	462
7N-212	7N_TX-T55	Cumberland	4.16	0	0
7N-301	7N_TX-T54	Cumberland	12.47	1,959	1,959
7N-302	7N_TX-T3	Cumberland	12.47	490	490
9C-301	9C_TX-T1	Inverness	12.47	325	325
9C-302	9C_TX-T2	Inverness	12.47	203	203
9C-303	9C_TX-T2	Inverness	12.47	203	203

Nova Scotia Power – Distribution Hosting Capacity Table

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
9C-304	9C_TX-T2	Inverness	12.47	203	203
9H-221	104H_TX-T61	Halifax	4.16	2,300	16,239
9H-222	104H_TX-T61	Halifax	4.16	2,300	16,239
9H-223	104H_TX-T61	Halifax	4.16	2,300	16,239
9H-224	104H_TX-T61	Halifax	4.16	2,300	16,239
9H-229	104H_TX-T61	Halifax	4.16	2,300	16,239
10C-211	22C_TX-T61	Richmond	4.16	310	5,329
10C-212	22C_TX-T61	Richmond	4.16	310	5,329
10H-231	104H_TX-T61	Halifax	4.16	2,300	16,239
10H-232	104H_TX-T61	Halifax	4.16	2,300	16,239
10H-233	1H_TX-T62	Halifax	4.16	2,300	14,755
10H-234	1H_TX-T62	Halifax	4.16	2,300	14,755
10H-236	104H_TX-T61	Halifax	4.16	2,300	16,239
10H-237	104H_TX-T61	Halifax	4.16	2,300	16,239
10H-238	1H_TX-T62	Halifax	4.16	2,300	14,755
11S-301	11S_TX-T52	Cape Breton	12.47	609	609
11S-302	11S_TX-T52	Cape Breton	12.47	609	609
11S-303	11S_TX-T52	Cape Breton	12.47	159	159
11S-411	11S_TX-T53	Cape Breton	24.94	3,907	3,907
11S-412	11S_TX-T53	Cape Breton	24.94	3,907	3,907
12V-302	12V_TX-T2	Annapolis	12.47	1,597	1,597
12V-303	12V_TX-T2	Annapolis	12.47	1,597	1,597
12V-304	12V_TX-T2	Annapolis	12.47	1,597	1,597
13N-211	1N_TX-T4	Colchester	4.16	1,300	3,065
13V-303	13V_TX_T51	Annapolis	12.47	1,140	1,140
14C-211	22C_TX-T61	Richmond	4.16	310	5,329
15N-401	15N_TX-T1_T2_T3	Colchester	24.94	3,656	3,656
15N-402	15N_TX_T53	Colchester	24.94	2,641	2,641
15N-403	15N_TX_T53	Colchester	24.94	2,641	2,641
15N-404	15N_TX-T1_T2_T3	Colchester	24.94	3,656	3,656
15S-302	15S_TX_T1	Cape Breton	12.47	3,167	3,167
15S-303	15S_TX_T1	Cape Breton	12.47	3,167	3,167
16N-301	16N_TX-T1	Colchester	12.47	2,720	2,720
16N-302	16N_TX-T1	Colchester	12.47	2,720	2,720
16V-314	16V_TX-T51	Digby	12.47	2,008	2,008
16V-315	16V_TX-T51	Digby	12.47	2,008	2,008
16W-301	16W_TX-T51	Digby	12.47	1,449	1,449
16W-302	16W_TX-T51	Yarmouth	12.47	1,449	1,449
17N-201	17N_TX_T1	Cumberland	4.16	1,019	1,019
17N-202	17N_TX_T1	Cumberland	4.16	1,019	1,019

Nova Scotia Power – Distribution Hosting Capacity Table

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
17N-203	17N_TX_T1	Cumberland	4.16	1,019	1,019
17N-204	17N_TX_T1	Cumberland	4.16	1,019	1,019
18V-411	18V_TX_T51	Hants	24.94	2,812	2,812
18V-412	18V_TX_T51	Hants	24.94	2,812	2,812
18V-413	18V_TX_T51	Hants	24.94	2,812	2,812
19W-311	19W_TX_SOURCE	Yarmouth	12.47	2,628	2,628
19W-312	19W_TX_SOURCE	Yarmouth	12.47	2,628	2,628
20H-301	20H_TX-T1	Halifax	12.47	2,400	2,600
20H-302	20H_TX-T1	Halifax	12.47	2,600	2,600
20H-303	20H_TX-T1	Halifax	12.47	2,600	2,600
20H-304	20H_TX-T2	Halifax	12.47	7,000	7,020
20H-305	20H_TX-T2	Halifax	12.47	7,000	7,020
20H-306	20H_TX-T2	Halifax	12.47	7,000	7,020
20N-201	20N_TX_T1	Cumberland	4.16	1,028	1,028
20N-203	20N_TX_T1	Cumberland	4.16	1,028	1,028
20N-204	20N_TX_T1	Cumberland	4.16	1,028	1,028
20V-311	20V_TX_SOURCE	Hants	12.47	1,629	1,629
20W-311	20W_TX_SOURCE	Yarmouth	12.47	1,172	1,172
20W-312	20W_TX_SOURCE	Yarmouth	12.47	1,172	1,172
21W-311	21W_TX_SOURCE	Shelburne	12.47	2,568	2,568
21W-312	21W_TX_SOURCE	Shelburne	12.47	2,568	2,568
22C-401	22C_TX-T61	Inverness	24.94	3,339	3,339
22C-402	22C_TX-T61	Inverness	24.94	3,339	3,339
22C-403	22C_TX-T61	Inverness	24.94	3,339	3,339
22C-404	22C_TX-T61	Inverness	24.94	3,339	3,339
22N-401	22N_TX_T61	Cumberland	24.94	7,227	7,227
22N-402	22N_TX_T61	Cumberland	24.94	7,227	7,227
22N-403	22N_TX_T61	Cumberland	24.94	7,227	7,227
22N-404	22N_TX_T61	Cumberland	24.94	7,227	7,227
22V-312	22V_TX_T51	Kings	12.47	3,661	3,661
22V-313	22V_TX_T51	Kings	12.47	3,661	3,661
22V-314	22V_TX_T51	Kings	12.47	3,661	3,661
22V-321	22V_TX_T52	Kings	12.47	2,554	2,554
22V-322	22V_TX_T52	Kings	12.47	2,554	2,554
22V-323	22V_TX_T52	Kings	12.47	2,554	2,554
22W-311	22W_TX-T51	Shelburne	12.47	3,800	5,208
22W-312	22W_TX-T51	Shelburne	12.47	5,208	5,208
22W-313	22W_TX-T51	Shelburne	12.47	5,208	5,208
23H-301	23H_TX-T51	Halifax	12.47	7,000	7,904
23H-302	23H_TX-T51	Halifax	12.47	7,000	7,904

Nova Scotia Power – Distribution Hosting Capacity Table

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
23H-303	23H_TX-T51	Halifax	12.47	7,000	7,904
23H-304	23H_TX-T51	Halifax	12.47	7,000	7,904
23W-301	23W_TX-T1	Shelburne	12.47	2,228	2,228
23W-302	23W_TX-T1	Shelburne	12.47	2,228	2,228
24C-442	24C_TX-T54	Guysborough	24.94	2,153	2,153
24C-443	24C_TX-T54	Guysborough	24.94	2,153	2,153
25W-301	25W_TX_SOURCE	Shelburne	12.47	3,649	3,649
25W-302	25W_TX_SOURCE	Shelburne	12.47	3,649	3,649
25W-303	25W_TX_SOURCE	Shelburne	12.47	3,649	3,649
26N-211	30N_TX_SOURCE	Cumberland	4.16	750	1,138
30N-411	30N_TX_SOURCE	Cumberland	24.94	1,138	1,138
30N-412	30N_TX_SOURCE	Cumberland	24.94	1,138	1,138
31C-311	4C_TX-T63	Antigonish	12.47	250	7,768
34C-311	2C_TX-T1	Inverness	12.47	100	2,029
35V-312	79V_TX-T1	Hants	12.47	5,001	11,071
36V-301	36V_TX_T1	Kings	12.47	5,359	5,359
36V-302	36V_TX_T1	Kings	12.47	5,359	5,359
36V-303	36V_TX_T1	Kings	12.47	5,359	5,359
36W-301	36W_TX_T51	Shelburne	12.47	1,161	1,161
36W-304	36W_TX_T51	Shelburne	12.47	1,161	1,161
37N-411	37N_TX_T51	Colchester	24.94	2,826	2,826
37N-412	37N_TX_T51	Cumberland	24.94	2,826	2,826
37N-413	37N_TX_T51	Cumberland	24.94	2,826	2,826
37N-414	37N_TX_T51	Cumberland	24.94	2,826	2,826
37N-415	37N_TX_T51	Cumberland	24.94	2,826	2,826
37W-201	37W_TX_T1	Shelburne	4.16	1,221	1,221
37W-202	37W_TX_T1	Shelburne	4.16	1,221	1,221
37W-203	37W_TX_T1	Shelburne	4.16	1,221	1,221
40H-302	40H_TX-T52	Halifax	12.47	6,710	6,710
40H-303	40H_TX-T52	Halifax	12.47	6,710	6,710
40H-304	40H_TX-T52	Halifax	12.47	6,710	6,710
40H-305	40H_TX-T52	Halifax	12.47	6,710	6,710
40H-401	40H_TX-T51	Halifax	24.94	1,253	1,253
45V-201	3V_TX-T51X	Kings	4.16	140	140
45V-202	3V_TX-T51X	Kings	4.16	140	140
46W-301	46W_TX-T1	Queens	12.47	1,439	1,439
46W-303	46W_TX-T1	Queens	12.47	1,439	1,439
48H-301	48H_TX-T1	Halifax	12.47	7,000	7,546
48H-302	48H_TX-T1	Halifax	12.47	7,000	7,546
48H-303	48H_TX-T1	Halifax	12.47	7,000	7,546

Nova Scotia Power – Distribution Hosting Capacity Table

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
48H-304	48H_TX-T1	Halifax	12.47	7,000	7,546
48W-201	48W_TX_SOURCE	Queens	4.16	878	878
48W-203	48W_TX_SOURCE	Queens	4.16	878	878
48W-204	48W_TX_SOURCE	Queens	4.16	878	878
50N-410	50N_TX-T13	Pictou	24.94	2,414	2,414
50N-411	50N_TX-T13	Pictou	24.94	2,414	2,414
50N-412	50N_TX-T13	Pictou	24.94	2,414	2,414
50N-415	50N_TX-T13	Pictou	24.94	2,414	2,414
50V-401	50V_TX-T51	Kings	24.94	7,716	7,716
50V-402	50V_TX-T51	Kings	24.94	7,716	7,716
50W-411	50W_TX-T53	Queens	24.94	2,395	2,395
50W-412	50W_TX-T53	Queens	24.94	2,395	2,395
51V-301	51V_TX-T51	Kings	12.47	1,726	1,726
54H-301	54H_TX-T3	Halifax	12.47	6,891	6,891
54H-302	54H_TX-T3	Halifax	12.47	6,891	6,891
54H-303	54H_TX-T3	Halifax	12.47	6,891	6,891
54H-304	54H_TX-T3	Halifax	12.47	6,891	6,891
55N-201	55N_TX-T1	Pictou	4.16	1,345	1,345
55N-202	55N_TX-T1	Pictou	4.16	1,345	1,345
55N-203	55N_TX-T1	Pictou	4.16	1,345	1,345
55N-204	55N_TX-T1	Pictou	4.16	1,345	1,345
55V-313	55V_TX-T51	Kings	12.47	3,448	3,448
55V-314	55V_TX-T51	Kings	12.47	3,448	3,448
55V-322	55V_TX-T52	Kings	12.47	3,436	3,436
55V-323	55V_TX-T52	Kings	12.47	3,436	3,436
56N-401	56N_TX-T1	Pictou	24.94	2,436	2,436
56N-402	56N_TX-T1	Pictou	24.94	2,436	2,436
56N-414	56N_TX-T1	Pictou	24.94	2,436	2,436
57C-417	57C_TX-T1	Guysborough	24.94	2,112	2,112
57C-422	57C_TX-T1	Guysborough	24.94	2,112	2,112
57C-426	57C_TX-T1	Guysborough	24.94	2,112	2,112
57S-401	57S_TX-T1	Cape Breton	24.94	2,202	2,202
57S-402	57S_TX-T1	Cape Breton	24.94	2,202	2,202
57W-401	57W_TX-T1	Queens	24.94	1,140	1,140
57W-402	57W_TX-T1	Queens	24.94	1,140	1,140
58C-403	58C_TX-T51	Inverness	24.94	1,319	1,319
58C-405	58C_TX-T51	Inverness	24.94	1,319	1,319
58H-421	58H_TX-T3	Halifax	24.94	6,639	6,639
58H-431	58H_TX-T3	Halifax	24.94	6,014	6,014
59C-401	59C_TX-T61	Richmond	24.94	2,799	2,799

Nova Scotia Power – Distribution Hosting Capacity Table

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
59C-402	59C_TX-T61	Richmond	24.94	2,799	2,799
59C-403	59C_TX-T61	Richmond	24.94	2,799	2,799
61N-201	50N_TX-T13	Pictou	4.16	2,300	8,614
61N-202	50N_TX-T13	Pictou	4.16	2,300	8,614
61N-204	50N_TX-T13	Pictou	4.16	2,300	8,614
61N-205	50N_TX-T13	Pictou	4.16	2,300	8,614
61S-311	57S_TX-T1	Cape Breton	12.47	750	4,502
62H-301	62H_TX-T1	Halifax	12.47	5,909	5,909
62H-302	62H_TX-T1	Halifax	12.47	5,909	5,909
62H-303	62H_TX-T1	Halifax	12.47	5,909	5,909
62H-304	62H_TX-T1	Halifax	12.47	5,909	5,909
62N-411	62N_TX-T1_T2	Pictou	24.94	0	0
62N-412	62N_TX-T1_T2	Pictou	24.94	0	0
62N-413	62N_TX-T1_T2	Pictou	24.94	0	0
62N-414	62N_TX-T1_T2	Pictou	24.94	0	0
62N-415	62N_TX-T1_T2	Pictou	24.94	0	0
62N-416	62N_TX-T1_T2	Pictou	24.94	0	0
63V-311	63V_TX_SOURCE	Annapolis	12.47	5,031	5,031
63V-312	63V_TX_SOURCE	Annapolis	12.47	5,031	5,031
63V-313	63V_TX_SOURCE	Kings	12.47	5,031	5,031
64V-301	64V_TX_T1	Annapolis	12.47	4,180	4,180
64V-302	64V_TX_T1	Kings	12.47	4,180	4,180
64V-303	64V_TX_T1	Kings	12.47	4,180	4,180
65N-201	30N_TX_SOURCE	Cumberland	4.16	1,138	1,138
65V-301	65V_TX_SOURCE	Annapolis	12.47	4,714	4,714
65V-302	65V_TX_SOURCE	Annapolis	12.47	4,714	4,714
65V-303	65V_TX_SOURCE	Annapolis	12.47	4,714	4,714
66V-201	65V_TX_SOURCE	Annapolis	4.16	1,500	4,714
67C-411	67C_TX-T64	Inverness	24.94	1,785	1,785
67C-412	67C_TX-T64	Inverness	24.94	1,910	1,910
69V-211	70V_TX_T51	Annapolis	4.16	1,500	2,768
70V-311	70V_TX_T51	Annapolis	12.47	2,768	2,768
70V-312	70V_TX_T51	Annapolis	12.47	2,768	2,768
70W-203	70W_TX_T51	Lunenburg	4.16	769	769
70W-204	70W_TX_T51	Lunenburg	4.16	769	769
70W-311	70W_TX_T53	Lunenburg	12.47	7,000	8,239
70W-312	70W_TX_T53	Lunenburg	12.47	7,000	8,239
70W-313	70W_TX_T53	Lunenburg	12.47	7,000	8,239
70W-314	70W_TX_T53	Lunenburg	12.47	7,000	8,239
70W-321	70W_TX_T53	Lunenburg	12.47	7,000	8,239

Nova Scotia Power – Distribution Hosting Capacity Table

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
70W-322	70W_TX_T53	Lunenburg	12.47	7,000	8,239
73W-411	73W_TX-T1	Queens	24.94	4,261	4,261
73W-412	73W_TX-T1	Lunenburg	24.94	4,261	4,261
74N-411	74N_TX_T61	Cumberland	24.94	2,172	2,172
74N-412	74N_TX_T61	Cumberland	24.94	2,172	2,172
74V-301	74V_TX_SOURCE	Annapolis	12.47	991	991
74W-301	74W_TX-T1	Lunenburg	12.47	3,000	13,622
74W-302	74W_TX-T1	Lunenburg	12.47	3,000	13,622
76V-301	76V_TX_T1	Annapolis	12.47	238	238
77V-301	77V_TX-T1	Digby	12.47	3,730	3,730
77V-302	77V_TX-T1	Digby	12.47	3,730	3,730
77V-303	77V_TX-T1	Digby	12.47	3,730	3,730
77V-401	77V_TX-T52	Digby	24.94	453	453
78C-311	24C_TX-T54	Guysborough	12.47	167	2,153
78W-301	78W_TX_T1	Lunenburg	12.47	953	953
78W-302	78W_TX_T1	Lunenburg	12.47	953	953
79V-401	79V_TX-T1	Hants	24.94	5,071	5,071
79V-402	79V_TX-T1	Hants	24.94	5,071	5,071
79V-403	79V_TX-T1	Hants	24.94	5,071	5,071
80W-301	80W_TX-T1	Lunenburg	12.47	502	502
80W-302	80W_TX-T1	Lunenburg	12.47	502	502
80W-303	80W_TX-T1	Lunenburg	12.47	502	502
81N-411	81N_TX-T61	Colchester	24.94	3,732	3,732
81N-412	81N_TX-T61	Colchester	24.94	3,732	3,732
81S-301	81S_TX-T1	Cape Breton	12.47	1,814	1,814
81S-302	81S_TX-T1	Cape Breton	12.47	1,814	1,814
81S-303	81S_TX-T1	Cape Breton	12.47	1,814	1,814
81S-304	81S_TX-T2	Cape Breton	12.47	6,782	6,782
81S-305	81S_TX-T2	Cape Breton	12.47	6,782	6,782
81S-306	81S_TX-T2	Cape Breton	12.47	6,200	6,782
81S-307	81S_TX-T2	Cape Breton	12.47	6,782	6,782
81S-308	81S_TX-T2	Cape Breton	12.47	6,782	6,782
81W-231	81W_TX-T51	Lunenburg	4.16	2,300	3,638
81W-232	81W_TX-T51	Lunenburg	4.16	2,300	3,638
81W-233	81W_TX-T51	Lunenburg	4.16	2,300	3,638
81W-321	81W_TX-T51	Lunenburg	4.16	2,300	3,638
81W-322	81W_TX-T51	Lunenburg	4.16	2,300	3,638
82N-401	62N_TX-T1_T2	Pictou	24.94	0	0
82S-302	82S_TX-T1	Cape Breton	12.47	665	665
82S-303	82S_TX-T1	Cape Breton	12.47	80	80

Nova Scotia Power – Distribution Hosting Capacity Table

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
82S-304	82S_TX-T1	Cape Breton	12.47	665	665
82V-401	82V_TX-T1	Hants	24.94	4,356	4,356
82V-402	82V_TX-T1	Halifax	24.94	4,356	4,356
82V-403	82V_TX-T1	Halifax	24.94	4,356	4,356
82V-422	82V_TX-T62	Halifax	24.94	3,210	3,210
82V-423	82V_TX-T62	Hants	24.94	3,210	3,210
83V-301	83V_TX_T1	Kings	12.47	4,980	4,980
83V-302	83V_TX_T1	Kings	12.47	4,980	4,980
83V-303	83V_TX_T1	Kings	12.47	4,980	4,980
84S-302	84S_TX-T1	Cape Breton	12.47	1,398	1,398
84S-303	84S_TX-T1	Cape Breton	12.47	1,398	1,398
84S-304	84S_TX-T1	Cape Breton	12.47	1,398	1,398
84S-305	84S_TX-T1	Cape Breton	12.47	1,398	1,398
84W-301	84W_TX-T1	Lunenburg	12.47	682	682
84W-302	84W_TX-T1	Lunenburg	12.47	682	682
85S-401	85S_TX-T11	Victoria	24.94	3,446	3,446
85S-402	85S_TX-T11	Victoria	24.94	3,446	3,446
85S-403	85S_TX-T11	Victoria	24.94	3,446	3,446
85S-404	85S_TX-T11	Victoria	24.94	3,446	3,446
87C-311	57C_TX-T1	Guysborough	12.47	1,000	2,112
87H-311	87H_TX-T61	Halifax	12.47	2,087	2,087
87H-312	87H_TX-T61	Halifax	12.47	2,087	2,087
87H-313	87H_TX-T61	Halifax	12.47	2,087	2,087
87W-311	87W_TX_T61	Lunenburg	12.47	3,122	3,122
87W-312	87W_TX_T61	Halifax	12.47	3,122	3,122
88H-401	88H_TX-T51	Halifax	24.94	10,985	10,985
88H-402	88H_TX-T51	Halifax	24.94	10,985	10,985
88W-311	88W_TX_T51_T52	Yarmouth	12.47	7,000	8,061
88W-312	88W_TX_T51_T52	Yarmouth	12.47	7,000	8,061
88W-313	88W_TX_T51_T52	Yarmouth	12.47	7,000	8,061
88W-314	88W_TX_T51_T52	Yarmouth	12.47	7,000	8,061
88W-322	88W_TX_T51_T52	Yarmouth	12.47	4,071	4,071
88W-323	88W_TX_T51_T52	Yarmouth	12.47	3,010	4,071
89W-301	89W_TX_T1	Lunenburg	12.47	1,797	1,797
89W-302	89W_TX_T1	Lunenburg	12.47	1,797	1,797
89W-303	89W_TX_T1	Lunenburg	12.47	1,797	1,797
89W-304	89W_TX_T1	Lunenburg	12.47	1,797	1,797
91W-411	91W_TX-T51	Queens	23	1,522	1,522
92H-331	92H_TX-T61	Halifax	12.47	5,495	5,495
92H-332	92H_TX-T61	Halifax	12.47	5,495	5,495

Nova Scotia Power – Distribution Hosting Capacity Table

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
92H-334	92H_TX-T61	Halifax	12.47	5,495	5,495
92W-301	92W_TX_T1	Yarmouth	12.47	750	750
92W-302	92W_TX_T1	Digby	12.47	750	750
93V-311	93V_TX_SOURCE	Digby	12.47	5,013	5,013
93V-312	93V_TX_SOURCE	Digby	12.47	5,013	5,013
93V-313	93V_TX_SOURCE	Digby	12.47	5,013	5,013
93V-314	93V_TX_SOURCE	Digby	12.47	5,013	5,013
96H-411	96H_TX-T53	Halifax	24.94	1,097	1,097
96H-412	96H_TX-T53	Halifax	24.94	1,097	1,097
99H-311	99H_TX-T51	Halifax	12.47	4,297	4,297
99H-312	99H_TX-T51	Halifax	12.47	4,297	4,297
99V-311	99V_TX-T61	Kings	12.47	6,222	6,222
99V-312	99V_TX-T61	Kings	12.47	6,222	6,222
99V-313	99V_TX-T61	Kings	12.47	6,222	6,222
99V-314	99V_TX-T61	Kings	12.47	6,222	6,222
100C-421	100C_TX-TX61	Antigonish	24.94	1,966	1,966
100C-422	100C_TX-TX61	Guysborough	24.94	1,966	1,966
100C-423	100C_TX-TX61	Guysborough	24.94	1,966	1,966
101H-411	101H_TX-T61	Halifax	24.94	10,686	10,686
101H-412	101H_TX-T61	Halifax	24.94	10,686	10,686
101H-413	101H_TX-T61	Halifax	24.94	10,686	10,686
101H-421	101H_TX-T62	Halifax	24.94	14,000	15,337
101H-422	101H_TX-T62	Halifax	24.94	14,000	15,337
101H-423	101H_TX-T62	Halifax	24.94	14,000	15,337
102W-311	102W_TX_T51	Yarmouth	12.47	1,834	1,834
102W-312	102W_TX_T51	Yarmouth	12.47	1,834	1,834
103C-311	103C_TX-T51	Inverness	12.47	1,706	1,706
103C-313	103C_TX-T51	Inverness	12.47	1,706	1,706
103C-314	103C_TX-T51	Inverness	12.47	1,706	1,706
103H-431	103H_TX-T61	Halifax	24.94	11,121	11,121
103H-432	103H_TX-T61	Halifax	24.94	11,861	11,861
103H-433	103H_TX-T61	Halifax	24.94	11,861	11,861
103H-434	103H_TX-T61	Halifax	24.94	6,950	11,861
103W-311	103W_TX_SOURCE	Lunenburg	12.47	5,078	5,078
103W-312	103W_TX_SOURCE	Lunenburg	12.47	5,078	5,078
104H-411	104H_TX-T61	Halifax	24.94	14,000	16,239
104H-412	104H_TX-T61	Halifax	24.94	14,000	16,239
104H-413	104H_TX-T61	Halifax	24.94	14,000	16,239
104H-420	104H_TX-T62	Halifax	24.94	14,000	15,538
104H-421	104H_TX-T62	Halifax	24.94	14,000	15,538

Nova Scotia Power – Distribution Hosting Capacity Table

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
104H-422	104H_TX-T62	Halifax	24.94	14,000	15,538
104H-423	104H_TX-T62	Halifax	24.94	14,000	15,538
104H-430	104H_TX-T63	Halifax	24.94	14,000	17,093
104H-431	104H_TX-T63	Halifax	24.94	14,000	17,093
104H-432	104H_TX-T63	Halifax	24.94	14,000	17,093
104H-433	104H_TX-T63	Halifax	24.94	14,000	17,093
104H-441	104H_TX-T63	Halifax	24.94	14,000	17,093
104H-442	104H_TX-T61	Halifax	24.94	14,000	16,239
104S-311	104S_TX-T61	Victoria	12.47	3,523	3,523
104S-312	104S_TX-T61	Victoria	12.47	3,523	3,523
104S-313	104S_TX-T61	Victoria	12.47	3,523	3,523
105W-201	73W_TX-T1	Lunenburg	4.16	1,000	5,111
108H-411	108H_TX-T61	Halifax	24.94	12,188	12,188
108H-412	108H_TX-T61	Halifax	24.94	12,188	12,188
108H-413	108H_TX-T61	Halifax	24.94	12,188	12,188
108H-414	108H_TX-T61	Halifax	24.94	12,188	12,188
111S-311	111S-T51	Cape Breton	12.47	5,973	5,973
111S-312	111S-T51	Cape Breton	12.47	5,973	5,973
111S-313	111S-T51	Cape Breton	12.47	5,973	5,973
111S-314	111S-T51	Cape Breton	12.47	5,973	5,973
113H-431	113H_TX-T63	Halifax	24.94	11,619	11,619
113H-432	113H_TX-T63	Halifax	24.94	11,619	11,619
113H-433	113H_TX-T63	Halifax	24.94	11,619	11,619
113H-434	113H_TX-T63	Halifax	24.94	11,619	11,619
113H-441	113H_TX-T64	Halifax	24.94	11,110	11,110
113H-442	113H_TX-T64	Halifax	24.94	11,110	11,110
113H-443	113H_TX-T64	Halifax	24.94	11,110	11,110
113H-444	113H_TX-T64	Halifax	24.94	11,110	11,110
114H-411	82V_TX-T1	Halifax	24.94	4,356	4,356
120C-401	1C-TX-T61	Richmond	24.94	3,252	3,252
120C-402	1C-TX-T61	Richmond	24.94	3,252	3,252
124H-301	124H_TX-T1	Halifax	12.47	3,035	3,035
124H-302	124H_TX-T1	Halifax	12.47	3,035	3,035
126H-311	126H_TX-T61	Halifax	12.47	2,583	2,583
126H-312	126H_TX-T61	Halifax	12.47	2,583	2,583
126H-313	126H_TX-T61	Halifax	12.47	2,583	2,583
127H-411	127H_TX-T61	Halifax	24.94	8,211	8,211
127H-412	127H_TX-T61	Halifax	24.94	8,211	8,211
127H-413	127H_TX-T61	Halifax	24.94	8,086	8,086
129H-411	129H_TX-T61	Halifax	24.94	14,000	19,360

Nova Scotia Power – Distribution Hosting Capacity Table

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
129H-412	129H_TX-T61	Halifax	24.94	14,000	19,360
129H-413	129H_TX-T61	Halifax	24.94	14,000	19,360
129H-414	129H_TX-T61	Halifax	24.94	14,000	19,360
131H-421	131H_TX-T62	Halifax	24.94	2,482	2,482
131H-422	131H_TX-T63	Halifax	24.94	209	209
131H-423	131H_TX-T63	Halifax	24.94	209	209
131H-424	131H_TX-T62	Halifax	24.94	2,482	2,482
137H-411	137H_TX-T61	Halifax	24.94	7,091	7,091
137H-412	137H_TX-T61	Halifax	24.94	7,091	7,091
137H-413	137H_TX-T61	Halifax	24.94	4,000	7,091
137H-414	137H_TX-T61	Halifax	24.94	7,091	7,091
139H-411	139H_TX-T61	Halifax	24.94	12,960	12,960
139H-412	139H_TX-T61	Halifax	24.94	12,960	12,960
139H-413	139H_TX-T61	Halifax	24.94	14,000	14,543
139H-414	139H_TX-T61	Halifax	24.94	14,000	14,543
141H-401	141H_TX-T51	Halifax	24.94	4,275	4,275
430N-331	62N_TX-T1_T2	Pictou	12.47	1,000	9,151
437V-301	12V_TX-T2	Annapolis	12.47	1,597	1,597
500N-301	56N_TX-T1	Pictou	12.47	1,000	5,436
501H-301	96H_TX-T53	Halifax	12.47	250	2,597
503N-311	56N_TX-T1	Pictou	12.47	500	5,436
503N-321	56N_TX-T1	Pictou	12.47	500	5,436
503S-211	57S_TX-T1	Cape Breton	4.16	0	4,502
504N-301	56N_TX-T1	Pictou	12.47	1,000	5,436
507H-311	88H_TX-T51	Halifax	12.47	500	12,085
507H-312	88H_TX-T51	Halifax	12.47	500	12,085
508S-201	57S_TX-T1	Cape Breton	4.16	100	4,502
509N-301	56N_TX-T1	Pictou	12.47	167	5,436
509V-301	77V_TX-T52	Digby	12.47	653	653
511N-301	56N_TX-T1	Pictou	12.47	333	5,436
512C-311	57C_TX-T1	Pictou	12.47	250	2,112
512N-311	56N_TX-T1	Pictou	12.47	333	5,436
512N-321	56N_TX-T1	Pictou	12.47	333	5,436
512N-331	56N_TX-T1	Pictou	12.47	333	5,436
513N-301	56N_TX-T1	Pictou	12.47	333	5,436
514C-311	57C_TX-T1	Antigonish	12.47	1,000	2,112
514C-312	57C_TX-T1	Antigonish	12.47	1,000	2,112
514S-311	85S_TX-T11	Victoria	12.47	500	3,446
515S-311	85S_TX-T11	Victoria	12.47	250	3,446
515W-211	73W_TX-T1	Lunenburg	4.16	1,450	5,111

Nova Scotia Power – Distribution Hosting Capacity Table

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
516N-311	62N_TX-T1_T2	Pictou	12.47	500	9,151
516N-331	62N_TX-T1_T2	Pictou	12.47	500	9,151
518N-311	62N_TX-T1_T2	Pictou	12.47	100	9,151
519N-201	62N_TX-T1_T2	Pictou	4.16	1,500	9,151
522C-301	4C_TX-T63	Antigonish	12.47	500	7,768
524S-311	11S_TX-T53	Cape Breton	12.47	500	3,907
528N-201	62N_TX-T1_T2	Pictou	4.16	2,300	9,151
528N-202	62N_TX-T1_T2	Pictou	4.16	2,300	9,151
529S-311	67C_TX-T64	Victoria	12.47	167	3,610
531N-311	62N_TX-T1_T2	Pictou	12.47	0	9,151
533S-211	4S_TX-T52	Cape Breton	4.16	2,300	7,574
534N-201	50N_TX-T13	Pictou	4.16	1,000	8,614
535N-321	50N_TX-T13	Pictou	12.47	500	8,614
535N-331	50N_TX-T13	Pictou	12.47	500	8,614
540C-311	85S_TX-T11	Inverness	12.47	167	3,446
540C-312	85S_TX-T11	Inverness	12.47	167	3,446
540N-201	50N_TX-T13	Antigonish	4.16	0	8,614
542C-311	67C_TX-T64	Inverness	12.47	100	3,610
545N-301	50N_TX-T13	Antigonish	12.47	800	8,614
546W-311	50W_TX-T53	Lunenburg	12.47	500	5,995
546W-321	50W_TX-T53	Lunenburg	12.47	500	5,995
558W-401	91W_TX-T51	Queens	23	1,522	1,522
559C-311	58C_TX-T51	Inverness	12.47	500	3,309
562C-311	67C_TX-T64	Inverness	12.47	100	3,610
568C-311	58C_TX-T51	Inverness	12.47	500	3,309
570C-311	22C_TX-T61	Richmond	12.47	500	5,329
574C-311	67C_TX-T64	Inverness	12.47	167	3,610
580C-311	4C_TX-T63	Antigonish	12.47	333	7,768
581C-311	4C_TX-T63	Antigonish	12.47	501	7,768
585C-311	4C_TX-T63	Antigonish	12.47	1,500	7,768
586C-311	67C_TX-T64	Inverness	12.47	500	3,610
588C-311	59C_TX-T61	Richmond	12.47	500	2,799
591C-311	58C_TX-T51	Inverness	12.47	167	3,309
595N-311	81N_TX-T61	Colchester	12.47	750	7,332
602C-311	59C_TX-T61	Richmond	12.47	1,000	2,799
604C-311	58C_TX-T51	Inverness	12.47	3,000	3,309
607N-301	37N_TX_T51	Cumberland	12.47	1,000	2,826
619N-301	88H_TX-T51	Colchester	12.47	2,240	12,085
624V-311	18V_TX_T51	Hants	12.47	1,500	4,812
639N-311	62N_TX-T1_T2	Colchester	12.47	500	9,151

Nova Scotia Power – Distribution Hosting Capacity Table

Feeder Number	Distribution Zone	County	Voltage (kVLL)	Feeder PV Hosting Capacity (kW)	Zone PV Hosting Capacity (kW)
639N-321	62N_TX-T1_T2	Pictou	12.47	500	9,151
642V-311	79V_TX-T1	Hants	12.47	1,500	11,071
643V-311	79V_TX-T1	Hants	12.47	500	11,071
647N-311	22N_TX_T61	Cumberland	12.47	1,000	13,227
647N-312	22N_TX_T61	Cumberland	12.47	1,000	13,227
655V-211	77V_TX-T1	Digby	4.16	2,300	4,530
656V-211	77V_TX-T1	Digby	4.16	1,500	4,530
666N-311	88H_TX-T51	Colchester	12.47	500	12,085
667V-401	82V_TX-T1	Hants	24.94	4,356	4,356
668V-301	93V_TX_SOURCE	Digby	12.47	5,013	5,013
678H-211	58H_TX-T3	Halifax	4.16	100	6,639
682N-211	37N_TX_T51	Cumberland	4.16	1,500	2,826
683N-311	50N_TX-T13	Pictou	12.47	800	8,614
683N-341	50N_TX-T13	Pictou	12.47	800	8,614
700C-401	100C_TX-TX61	Guysborough	24.94	1,966	1,966
700H-311	96H_TX-T53	Halifax	12.47	167	2,597
700S-401	3S_TX-T5	Cape Breton	12.47	3,000	5,698
700V-401	79V_TX-T1	Hants	24.94	5,071	5,071
701C-301	103C_TX-T51	Inverness	12.47	1,706	1,706
701S-401	57S_TX-T1	Cape Breton	24.94	2,202	2,202
703H-311	96H_TX-T53	Halifax	12.47	500	2,597
704H-311	96H_TX-T53	Halifax	12.47	750	2,597
704V-401	82V_TX-T1	Hants	24.94	4,356	4,356
707W-401	50W_TX-T53	Queens	24.94	2,395	2,395
715N-301	16N_TX-T1	Colchester	12.47	2,720	2,720
716N-401	15N_TX_T53	Colchester	24.94	2,641	2,641
717N-401	50N_TX-T13	Pictou	24.94	2,414	2,414
718N-401	62N_TX-T1_T2	Pictou	24.94	0	0
719N-401	15N_TX-T1_T2_T3	Colchester	24.94	3,656	3,656
720H-401	137H_TX-T61	Halifax	24.94	7,091	7,091
721H-401	131H_TX-T63	Halifax	24.94	209	209
721N-401	1N_TX-T65	Colchester	24.94	4,255	4,255
722H-401	131H_TX-T62	Halifax	24.94	2,482	2,482
724N-401	50N_TX-T13	Pictou	24.94	2,414	2,414
726H-301	20H_TX-T1	Halifax	12.47	2,400	2,600
729N-401	50N_TX-T13	Pictou	24.94	2,414	2,414
733N-401	22N_TX_T61	Cumberland	24.94	7,227	7,227
734N-401	15N_TX_T53	Colchester	24.94	2,641	2,641