

PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
MODEL DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

Line No.	(a) Year	(b) Month	(c) DRW/ESRV	(B) MODEL
97	2018		1	436.49
98	2018		2	436.40
99	2018		3	436.42
100	2018		4	436.58
101	2018		5	436.86
102	2018		6	437.22
103	2018		7	437.63
104	2018		8	438.05
105	2018		9	438.46
106	2018		10	438.80
107	2018		11	439.03
108	2018		12	439.13
109	2019		1	439.23
110	2019		2	439.47
111	2019		3	439.99
112	2019		4	440.86
113	2019		5	442.11
114	2019		6	443.68
115	2019		7	445.27
116	2019		8	446.50
117	2019		9	447.16
118	2019		10	447.66
119	2019		11	448.62
120	2019		12	450.16
121	2020		1	450.95
122	2020		2	449.24
123	2020		3	444.28
124	2020		4	438.15
125	2020		5	434.12
126	2020		6	434.26
127	2020		7	437.12
128	2020		8	440.11
129	2020		9	441.32
130	2020		10	441.37
131	2020		11	441.64
132	2020		12	443.04
133	2021		1	445.11
134	2021		2	446.8
135	2021		3	447.62
136	2021		4	447.8
137	2021		5	447.84
138	2021		6	448.15
139	2021		7	448.7

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
MODEL DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

Line No	(a)	(b)	(c)	(d)
	Year	Month	Sep	Oct
1	2010		1	0
2	2010		2	0
3	2010		3	0
4	2010		4	0
5	2010		5	0
6	2010		6	0
7	2010		7	0
8	2010		8	0
9	2010		9	1
10	2010		10	0
11	2010		11	0
12	2010		12	0
13	2011		1	0
14	2011		2	0
15	2011		3	0
16	2011		4	0
17	2011		5	0
18	2011		6	0
19	2011		7	0
20	2011		8	0
21	2011		9	1
22	2011		10	0
23	2011		11	0
24	2011		12	0
25	2012		1	0
26	2012		2	0
27	2012		3	0
28	2012		4	0
29	2012		5	0
30	2012		6	0
31	2012		7	0
32	2012		8	0
33	2012		9	1
34	2012		10	0
35	2012		11	0
36	2012		12	0
37	2013		1	0
38	2013		2	0
39	2013		3	0
40	2013		4	0
41	2013		5	0
42	2013		6	0
43	2013		7	0
44	2013		8	0
45	2013		9	1
46	2013		10	0
47	2013		11	0
48	2013		12	0

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MODEL DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

Line No.	(a)	(b)	(c)	(d)
	Year	Month	Sep	Oct
49	2014	1	0	0
50	2014	2	0	0
51	2014	3	0	0
52	2014	4	0	0
53	2014	5	0	0
54	2014	6	0	0
55	2014	7	0	0
56	2014	8	0	0
57	2014	9	1	0
58	2014	10	0	1
59	2014	11	0	0
60	2014	12	0	0
61	2015	1	0	0
62	2015	2	0	0
63	2015	3	0	0
64	2015	4	0	0
65	2015	5	0	0
66	2015	6	0	0
67	2015	7	0	0
68	2015	8	0	0
69	2015	9	1	0
70	2015	10	0	1
71	2015	11	0	0
72	2015	12	0	0
73	2016	1	0	0
74	2016	2	0	0
75	2016	3	0	0
76	2016	4	0	0
77	2016	5	0	0
78	2016	6	0	0
79	2016	7	0	0
80	2016	8	0	0
81	2016	9	1	0
82	2016	10	0	1
83	2016	11	0	0
84	2016	12	0	0
85	2017	1	0	0
86	2017	2	0	0
87	2017	3	0	0
88	2017	4	0	0
89	2017	5	0	0
90	2017	6	0	0
91	2017	7	0	0
92	2017	8	0	0
93	2017	9	1	0
94	2017	10	0	1
95	2017	11	0	0
96	2017	12	0	0

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FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

Line No.	(a)	(b)	(c)	(d)
	Year	Month	Sep	Oct
97	2018		1	0
98	2018		2	0
99	2018		3	0
100	2018		4	0
101	2018		5	0
102	2018		6	0
103	2018		7	0
104	2018		8	0
105	2018		9	1
106	2018		10	0
107	2018		11	0
108	2018		12	0
109	2019		1	0
110	2019		2	0
111	2019		3	0
112	2019		4	0
113	2019		5	0
114	2019		6	0
115	2019		7	0
116	2019		8	0
117	2019		9	1
118	2019		10	0
119	2019		11	0
120	2019		12	0
121	2020		1	0
122	2020		2	0
123	2020		3	0
124	2020		4	0
125	2020		5	0
126	2020		6	0
127	2020		7	0
128	2020		8	0
129	2020		9	1
130	2020		10	0
131	2020		11	0
132	2020		12	0
133	2021		1	0
134	2021		2	0
135	2021		3	0
136	2021		4	0
137	2021		5	0
138	2021		6	0
139	2021		7	0

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MODEL DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

Line No.	(a) Year	(b) Month	(c) Jan	(d) Mar	(e) May	(f) Jun	(g) Jul	(h) Aug	(i) Sept	(j) Nov
<b>PRIMARY SERVICE GREATER THAN 10 KW DIST (B) MODEL</b>										
1	2010	1	1	0	0	0	0	0	0	0
2	2010	2	0	0	0	0	0	0	0	0
3	2010	3	0	1	0	0	0	0	0	0
4	2010	4	0	0	0	0	0	0	0	0
5	2010	5	0	0	1	0	0	0	0	0
6	2010	6	0	0	0	1	0	0	0	0
7	2010	7	0	0	0	0	1	0	0	0
8	2010	8	0	0	0	0	0	1	0	0
9	2010	9	0	0	0	0	0	0	1	0
10	2010	10	0	0	0	0	0	0	0	0
11	2010	11	0	0	0	0	0	0	0	1
12	2010	12	0	0	0	0	0	0	0	0
13	2011	1	1	0	0	0	0	0	0	0
14	2011	2	0	0	0	0	0	0	0	0
15	2011	3	0	1	0	0	0	0	0	0
16	2011	4	0	0	0	0	0	0	0	0
17	2011	5	0	0	1	0	0	0	0	0
18	2011	6	0	0	0	1	0	0	0	0
19	2011	7	0	0	0	0	1	0	0	0
20	2011	8	0	0	0	0	0	1	0	0
21	2011	9	0	0	0	0	0	0	1	0
22	2011	10	0	0	0	0	0	0	0	0
23	2011	11	0	0	0	0	0	0	0	1
24	2011	12	0	0	0	0	0	0	0	0
25	2012	1	1	0	0	0	0	0	0	0
26	2012	2	0	0	0	0	0	0	0	0
27	2012	3	0	1	0	0	0	0	0	0
28	2012	4	0	0	0	0	0	0	0	0
29	2012	5	0	0	1	0	0	0	0	0
30	2012	6	0	0	0	1	0	0	0	0
31	2012	7	0	0	0	0	1	0	0	0
32	2012	8	0	0	0	0	0	1	0	0
33	2012	9	0	0	0	0	0	0	1	0
34	2012	10	0	0	0	0	0	0	0	0
35	2012	11	0	0	0	0	0	0	0	1
36	2012	12	0	0	0	0	0	0	0	0
37	2013	1	1	0	0	0	0	0	0	0
38	2013	2	0	0	0	0	0	0	0	0
39	2013	3	0	1	0	0	0	0	0	0
40	2013	4	0	0	0	0	0	0	0	0
41	2013	5	0	0	1	0	0	0	0	0
42	2013	6	0	0	0	1	0	0	0	0
43	2013	7	0	0	0	0	1	0	0	0
44	2013	8	0	0	0	0	0	1	0	0
45	2013	9	0	0	0	0	0	0	1	0
46	2013	10	0	0	0	0	0	0	0	0
47	2013	11	0	0	0	0	0	0	0	1
48	2013	12	0	0	0	0	0	0	0	0
49	2014	1	1	0	0	0	0	0	0	0
50	2014	2	0	0	0	0	0	0	0	0
51	2014	3	0	1	0	0	0	0	0	0
52	2014	4	0	0	0	0	0	0	0	0
53	2014	5	0	0	1	0	0	0	0	0
54	2014	6	0	0	0	1	0	0	0	0
55	2014	7	0	0	0	0	1	0	0	0
56	2014	8	0	0	0	0	0	1	0	0
57	2014	9	0	0	0	0	0	0	1	0
58	2014	10	0	0	0	0	0	0	0	0

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MODEL DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

Line No.	(a) Year	(b) Month	(c) Jan	(d) Mar	(e) May	(f) Jun	(g) Jul	(h) Aug	(i) Sept	(j) Nov
<b>PRIMARY SERVICE GREATER THAN 10 KW DIST (B) MODEL</b>										
59	2014	11	0	0	0	0	0	0	0	1
60	2014	12	0	0	0	0	0	0	0	0
61	2015	1	1	0	0	0	0	0	0	0
62	2015	2	0	0	0	0	0	0	0	0
63	2015	3	0	1	0	0	0	0	0	0
64	2015	4	0	0	0	0	0	0	0	0
65	2015	5	0	0	1	0	0	0	0	0
66	2015	6	0	0	0	1	0	0	0	0
67	2015	7	0	0	0	0	1	0	0	0
68	2015	8	0	0	0	0	0	1	0	0
69	2015	9	0	0	0	0	0	0	1	0
70	2015	10	0	0	0	0	0	0	0	0
71	2015	11	0	0	0	0	0	0	0	1
72	2015	12	0	0	0	0	0	0	0	0
73	2016	1	1	0	0	0	0	0	0	0
74	2016	2	0	0	0	0	0	0	0	0
75	2016	3	0	1	0	0	0	0	0	0
76	2016	4	0	0	0	0	0	0	0	0
77	2016	5	0	0	1	0	0	0	0	0
78	2016	6	0	0	0	1	0	0	0	0
79	2016	7	0	0	0	0	1	0	0	0
80	2016	8	0	0	0	0	0	1	0	0
81	2016	9	0	0	0	0	0	0	1	0
82	2016	10	0	0	0	0	0	0	0	0
83	2016	11	0	0	0	0	0	0	0	1
84	2016	12	0	0	0	0	0	0	0	0
85	2017	1	1	0	0	0	0	0	0	0
86	2017	2	0	0	0	0	0	0	0	0
87	2017	3	0	1	0	0	0	0	0	0
88	2017	4	0	0	0	0	0	0	0	0
89	2017	5	0	0	1	0	0	0	0	0
90	2017	6	0	0	0	1	0	0	0	0
91	2017	7	0	0	0	0	1	0	0	0
92	2017	8	0	0	0	0	0	1	0	0
93	2017	9	0	0	0	0	0	0	1	0
94	2017	10	0	0	0	0	0	0	0	0
95	2017	11	0	0	0	0	0	0	0	1
96	2017	12	0	0	0	0	0	0	0	0

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MODEL DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

Line No.	(a) Year	(b) Month	(c) Jan	(d) Feb	(e) Mar	(f) Apr	(g) May	(h) Jun	(i) Jul	(j) Aug	(k) Sep	(l) Oct	(m) Nov	(n) Dec
<b>PRIMARY SERVICE GREATER THAN 10 KW DIST (B) MODEL</b>														
97	2018	1	1	0	0	0	0	0	0	0	0	0	0	0
98	2018	2	0	0	0	0	0	0	0	0	0	0	0	0
99	2018	3	0	1	0	0	0	0	0	0	0	0	0	0
100	2018	4	0	0	0	0	0	0	0	0	0	0	0	0
101	2018	5	0	0	1	0	0	0	0	0	0	0	0	0
102	2018	6	0	0	0	0	1	0	0	0	0	0	0	0
103	2018	7	0	0	0	0	0	1	0	0	0	0	0	0
104	2018	8	0	0	0	0	0	0	1	0	0	0	0	0
105	2018	9	0	0	0	0	0	0	0	1	0	0	0	0
106	2018	10	0	0	0	0	0	0	0	0	0	0	0	0
107	2018	11	0	0	0	0	0	0	0	0	0	0	1	0
108	2018	12	0	0	0	0	0	0	0	0	0	0	0	0
109	2019	1	1	0	0	0	0	0	0	0	0	0	0	0
110	2019	2	0	0	0	0	0	0	0	0	0	0	0	0
111	2019	3	0	1	0	0	0	0	0	0	0	0	0	0
112	2019	4	0	0	0	0	0	0	0	0	0	0	0	0
113	2019	5	0	0	1	0	0	0	0	0	0	0	0	0
114	2019	6	0	0	0	0	1	0	0	0	0	0	0	0
115	2019	7	0	0	0	0	0	1	0	0	0	0	0	0
116	2019	8	0	0	0	0	0	0	1	0	0	0	0	0
117	2019	9	0	0	0	0	0	0	0	1	0	0	0	0
118	2019	10	0	0	0	0	0	0	0	0	0	0	0	0
119	2019	11	0	0	0	0	0	0	0	0	0	0	1	0
120	2019	12	0	0	0	0	0	0	0	0	0	0	0	0
121	2020	1	1	0	0	0	0	0	0	0	0	0	0	0
122	2020	2	0	0	0	0	0	0	0	0	0	0	0	0
123	2020	3	0	1	0	0	0	0	0	0	0	0	0	0
124	2020	4	0	0	0	0	0	0	0	0	0	0	0	0
125	2020	5	0	0	1	0	0	0	0	0	0	0	0	0
126	2020	6	0	0	0	0	1	0	0	0	0	0	0	0
127	2020	7	0	0	0	0	0	1	0	0	0	0	0	0
128	2020	8	0	0	0	0	0	0	1	0	0	0	0	0
129	2020	9	0	0	0	0	0	0	0	1	0	0	0	0
130	2020	10	0	0	0	0	0	0	0	0	0	0	0	0
131	2020	11	0	0	0	0	0	0	0	0	0	0	1	0
132	2020	12	0	0	0	0	0	0	0	0	0	0	0	0
133	2021	1	1	0	0	0	0	0	0	0	0	0	0	0
134	2021	2	0	0	0	0	0	0	0	0	0	0	0	0
135	2021	3	0	1	0	0	0	0	0	0	0	0	0	0
136	2021	4	0	0	0	0	0	0	0	0	0	0	0	0
137	2021	5	0	0	1	0	0	0	0	0	0	0	0	0
138	2021	6	0	0	0	1	0	0	0	0	0	0	0	0
139	2021	7	0	0	0	0	0	1	0	0	0	0	0	0

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
MODEL DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

Line No	(a)	(b)	(c)	(d)	(e)	(f)	(g)	
	Year	Month	SUBSTATION (B) MODEL					
			Jan	Feb	Sep	Oct	Nov	Dec
1	2012		1	0	0	0	0	0
2	2012		2	1	0	0	0	0
3	2012		3	0	0	0	0	0
4	2012		4	0	0	0	0	0
5	2012		5	0	0	0	0	0
6	2012		6	0	0	0	0	0
7	2012		7	0	0	0	0	0
8	2012		8	0	0	0	0	0
9	2012		9	0	1	0	0	0
10	2012		10	0	0	1	0	0
11	2012		11	0	0	0	1	0
12	2012		12	0	0	0	0	1
13	2013		1	0	0	0	0	0
14	2013		2	1	0	0	0	0
15	2013		3	0	0	0	0	0
16	2013		4	0	0	0	0	0
17	2013		5	0	0	0	0	0
18	2013		6	0	0	0	0	0
19	2013		7	0	0	0	0	0
20	2013		8	0	0	0	0	0
21	2013		9	0	1	0	0	0
22	2013		10	0	0	1	0	0
23	2013		11	0	0	0	1	0
24	2013		12	0	0	0	0	1
25	2014		1	0	0	0	0	0
26	2014		2	1	0	0	0	0
27	2014		3	0	0	0	0	0
28	2014		4	0	0	0	0	0
29	2014		5	0	0	0	0	0
30	2014		6	0	0	0	0	0
31	2014		7	0	0	0	0	0
32	2014		8	0	0	0	0	0
33	2014		9	0	1	0	0	0
34	2014		10	0	0	1	0	0
35	2014		11	0	0	0	1	0
36	2014		12	0	0	0	0	1
37	2015		1	0	0	0	0	0
38	2015		2	1	0	0	0	0
39	2015		3	0	0	0	0	0
40	2015		4	0	0	0	0	0
41	2015		5	0	0	0	0	0
42	2015		6	0	0	0	0	0
43	2015		7	0	0	0	0	0
44	2015		8	0	0	0	0	0
45	2015		9	0	1	0	0	0
46	2015		10	0	0	1	0	0
47	2015		11	0	0	0	1	0
48	2015		12	0	0	0	0	1



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ONCOR ELECTRIC DELIVERY COMPANY LLC  
MODEL DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

Line No	(a) Year	(b) Month	(c) SUBSTATION (B) MODEL	(d) Feb	(e) Sep	(f) Oct	(g) Nov	(g) Dec
49	2016		1	0	0	0	0	0
50	2016		2	1	0	0	0	0
51	2016		3	0	0	0	0	0
52	2016		4	0	0	0	0	0
53	2016		5	0	0	0	0	0
54	2016		6	0	0	0	0	0
55	2016		7	0	0	0	0	0
56	2016		8	0	0	0	0	0
57	2016		9	0	1	0	0	0
58	2016		10	0	0	1	0	0
59	2016		11	0	0	0	1	0
60	2016		12	0	0	0	0	1
61	2017		1	0	0	0	0	0
62	2017		2	1	0	0	0	0
63	2017		3	0	0	0	0	0
64	2017		4	0	0	0	0	0
65	2017		5	0	0	0	0	0
66	2017		6	0	0	0	0	0
67	2017		7	0	0	0	0	0
68	2017		8	0	0	0	0	0
69	2017		9	0	1	0	0	0
70	2017		10	0	0	1	0	0
71	2017		11	0	0	0	1	0
72	2017		12	0	0	0	0	1
73	2018		1	0	0	0	0	0
74	2018		2	1	0	0	0	0
75	2018		3	0	0	0	0	0
76	2018		4	0	0	0	0	0
77	2018		5	0	0	0	0	0
78	2018		6	0	0	0	0	0
79	2018		7	0	0	0	0	0
80	2018		8	0	0	0	0	0
81	2018		9	0	1	0	0	0
82	2018		10	0	0	1	0	0
83	2018		11	0	0	0	1	0
84	2018		12	0	0	0	0	1
85	2019		1	0	0	0	0	0
86	2019		2	1	0	0	0	0
87	2019		3	0	0	0	0	0
88	2019		4	0	0	0	0	0
89	2019		5	0	0	0	0	0
90	2019		6	0	0	0	0	0
91	2019		7	0	0	0	0	0
92	2019		8	0	0	0	0	0
93	2019		9	0	1	0	0	0
94	2019		10	0	0	1	0	0
95	2019		11	0	0	0	1	0
96	2019		12	0	0	0	0	1

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
MODEL DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

Line No.	(a)	(b)	(c)	(d)	(e)	(f)	(g)
	Year	Month	Substation	Model			
97	2020	1	0	0	0	0	0
98	2020	2	1	0	0	0	0
99	2020	3	0	0	0	0	0
100	2020	4	0	0	0	0	0
101	2020	5	0	0	0	0	0
102	2020	6	0	0	0	0	0
103	2020	7	0	0	0	0	0
104	2020	8	0	0	0	0	0
105	2020	9	0	1	0	0	0
106	2020	10	0	0	1	0	0
107	2020	11	0	0	0	1	0
108	2020	12	0	0	0	0	1
109	2021	1	0	0	0	0	0
110	2021	2	1	0	0	0	0
111	2021	3	0	0	0	0	0
112	2021	4	0	0	0	0	0
113	2021	5	0	0	0	0	0
114	2021	6	0	0	0	0	0
115	2021	7	0	0	0	0	0

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
MODEL VARIABLES  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

1 The variables provided in Schedule II-H-2.2 are in their raw form. No data  
2 transformations were performed outside of the modeling software. The Auto  
3 Regressive and Moving Average transformations were made within MetrixND  
4 during the modeling process.

5

6 The data for the models “After Corrective Procedures for Autocorrelation” is  
7 provided in Schedule II-H-2.2, pages 2 through 16.

8

9 Additionally data for variables included in the “Before Corrective Procedures for  
10 Autocorrelation” models is provided in Schedule II-H-2.2, pages 17 through 31.

11 These additional variables were tested but were statistically insignificantly at a  
12 required “equal to or greater than” t-statistic of 1.2.

13

14 Nominal series in the models were deflated by the Chained Price Index for Gross  
15 Domestic Product. The Chained Price Index for Gross Domestic Product is  
16 provided in Schedule II-H-2.3, page 2.

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY LLC  
MODEL VARIABLES  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**PRICE INDICES, (2012=100)**

Line  
No.

Line No.	Year	Chained price index for gross domestic product
1		
2	2010	96.11
3	2011	98.11
4	2012	100.00
5	2013	101.77
6	2014	103.65
7	2015	104.64
8	2016	105.74
9	2017	107.75
10	2018	110.32
11	2019	112.32
12	2020	113.62
13	2021	115.66

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
CUSTOMER INFORMATION  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

Monthly test year number of customers by rate class is provided in  
Schedule II-H-1.2.

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
CUSTOMER ADJUSTMENTS  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

1 DESCRIPTION OF CUSTOMER ADJUSTMENT

2  
3 kWh Sales Adjustment

4  
5 Adjustments to kWh for customer changes during the test year are made at the rate  
6 class level.

7  
8 Adjustments to rates classes are made by one of the following methodologies:

- 9  
10 1) Ratio of Monthly To Year-End Customers – The monthly values of booked kWh are  
11 multiplied by the ratio of the number of customers at the end of the test year to the  
12 number of customers in the month being adjusted minus 1. This method is used to  
13 make the customer adjustment for the majority of the kWh consumed during the test  
14 year.
- 15  
16 2) Last Month's Usage In All Months – For non-metered service -- the Outdoor Lighting  
17 class and a portion of the Street Lighting class -- the usage in the last month of the  
18 test year (which is determined by the number of lights and a fixed monthly usage  
19 per light) is assumed for all months of the test year.
- 20  
21 3) Wholesale Service – This class was adjusted to reflect the reduction/addition  
22 resulting from known points of delivery (PODs) leaving/entering Oncor Electric  
23 Delivery's system.
- 24

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
CUSTOMER ADJUSTMENTS  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

1 Billing Demand Adjustment

2

3

4 Adjustments to kW for customer changes during the test year are made for all non-  
5 lighting classes. All retail calculations were then made by determining the ratio of kWh to  
6 Distribution billing demands. The kWh customer adjustment is then divided by this ratio to  
7 determine the kW customer adjustment. (See WP/II-H-4.1 and WP/IV-J-5 for detailed  
8 calculations.) Wholesale calculations were made by reducing/adding the kW by the known  
9 points of delivery (PODs) leaving/entering Oncor Electric Delivery's system. (See WP/IV-J-  
5 for detailed calculations.)

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
CUSTOMER ADJUSTMENTS  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

1 <u>Example kWh CALCULATIONS</u>		
2		
3		
4 <u>RATE CLASS</u>	<u>METHOD</u>	<u>EXAMPLE CALCULATION – MONTH OF JANUARY, 2021</u>
5             (a)	(b)	(c)
6		
7     RESIDENTIAL	1	$[(3,258,283 \div 3,202,892)-1] \times 3,891,654,035 = 67,302,491$
8		
9		
10    SECONDARY SVC	1	$[(304,430 \div 296,726)-1] \times 158,994,545 = 4,128,030$
11    10 KW AND BELOW		
12		
13		
14    SECONDARY SVC		
15    GREATER THAN 10 KW		
16		
17       NON-IDR	1	$[(198,142 \div 195,067)-1] \times 1,998,993,921 = 31,511,769$
18		
19		
20       IDR	1	$[(5,446 \div 5,289)-1] \times 1,351,918,368 = 40,130,683$
21		
22    PRIMARY SVC	1	$[(3,101 \div 2,979)-1] \times 2,226,543 = 91,184$
23    10 KW AND BELOW		
24		
25		
26    PRIMARY SVC		
27    GREATER THAN 10 KW		
28		
29       NON-IDR DISTRIBUTION LINE	2	$[(5,560 \div 5,712)-1] \times 142,162,335 = (3,783,031)$
30		
31       IDR DISTRIBUTION LINE	2	$[(1,598 \div 1,521)-1] \times 1,196,329,426 = 60,563,686$
32		
33       IDR SUBSTATION	2	$[(130 \div 121)-1] \times 455,381,089 = 33,871,321$
34		
35    TRANSMISSION	1	$[(283 \div 268)-1] \times 1,633,074,126 = 91,403,403$
36		
37    STREET LIGHTING		
38    UNMETERED	3	$23,485,021 - 24,147,529 = (662,508)$
39		
40    STREET LIGHTING		
41    METERED –	1	$[(752 \div 760)-1] \times 1,021,478 = (10,752)$
42    NON-COMPANY OWNED		
43		
44    STREET LIGHTING	1	$[(66 \div 66)-1] \times 29,390 = 0$
45    METERED		
46    COMPANY OWNED		
47		



**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
CUSTOMER ADJUSTMENTS  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

1	<u>EXAMPLE kWh CALCULATIONS (cont'd)</u>		
2			
3			
4	<u>RATE CLASS</u>	<u>METHOD</u>	<u>EXAMPLE CALCULATION – MONTH OF JANUARY, 2021</u>
5	(a)	(b)	(c)
6			
7	OUTDOOR LIGHTING	3	$7,357,544 - 7,507,708 = (150,164)$
8			
9			
10	WHOLESALE SERVICE		
11			
12	SUBSTATION	4	79,902*
13			
14			
15	DISTRIBUTION LINE	4	(452,222)*
16			
17			
18			
19	<u>EXAMPLE KW CALCULATIONS</u>		
20			
21	<u>RATE CLASS</u>		<u>EXAMPLE CALCULATION – MONTH OF JANUARY, 2021</u>
22			
23	SECONDARY SVC		
24	GREATER THAN 10 KW		
25			
26	NON-IDR		$31,511,769 \div (1,998,993,921 \div 8,552,582) = 134,821$
27			
28			
29	IDR		$40,130,683 \div (1,351,918,368 \div 3,668,151) = 108,886$
30			
31	PRIMARY SVC		
32	GREATER THAN 10 KW		
33			
34	NON-IDR DISTRIBUTION LINE		$(3,783,031) \div (142,162,335 \div 472,461) = (12,572)$
35			
36	IDR DISTRIBUTION LINE		$60,563,686 \div (1,196,329,426 \div 2,672,766) = 135,308$
37			
38	IDR SUBSTATION		$33,871,321 \div (455,381,089 \div 921,177) = 68,517$
39			
40	TRANSMISSION SERVICE		$91,403,403 \div (1,633,074,126 \div 3,356,804) = 187,881$
41			
42	WHOLESALE SERVICE		
43			
44	SUBSTATION		7,507*
45			
46	DISTRIBUTION LINE		11,428*
47			
48	*Not an example calculation. Actual adjustment to remove/add billing determinants of PODs leaving/entering the Oncor system.		
49			

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
CUSTOMER ADJUSTMENT DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

Data necessary to reproduce the proposed customer adjustments has been provided in Schedule II-H-1.2.

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
REVENUE IMPACT DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

1. Unadjusted Test Year Revenues

Line No.	Rate Class	Annual Billing Units				Revenue from Transmission and Distribution Charges - \$					
		Customer (a)	KWh (b)	Distribution Billing kW (c)	Transmission Billing kW (d)	Customer (e)	Meter (f)	Distribution (g)	DCRF (h)	TCRF (i)	Total (j)
1	Residential Service	38,792,738	44,773,885,786	-	-	34,881,543	97,668,126	886,505,447	63,076,746	680,633,520	1,762,765,381
2	Secondary Service										
3	10 kW and Below	3,607,089	1,835,932,149	-	-	7,364,621	21,803,818	39,440,966	2,840,921	19,292,607	90,742,933
4	Greater than 10 kw										
5	Non-IDR	2,365,981	27,185,268,879	108,531,029	94,494,006	21,850,920	72,804,525	477,953,382	32,729,207	390,731,221	996,069,254
6	IDR	64,294	17,745,007,406	47,639,387	35,287,903	591,384	1,970,962	209,303,541	14,505,219	184,470,266	410,841,372
7	Primary Service										
8	10 kW and Below	36,713	27,461,549	-	-	227,766	677,439	86,937	19,745	187,087	1,198,975
9	Greater than 10 kW										
10	Non-IDR	67,130	1,901,683,485	6,341,471	5,568,408	1,055,917	2,451,883	23,830,101	790,258	9,938,014	38,066,174
11	IDR	18,658	14,871,111,291	33,803,201	23,954,316	290,818	675,275	127,431,151	4,247,981	84,602,404	217,247,629
12	Substation	1,501	6,091,847,426	12,038,673	7,775,885	234,349	385,342	5,759,666	374,745	20,784,908	27,539,009
13	Transmission Service	3,333	20,707,284,226	44,721,528	25,643,800	543,091	860,503	11,105,503	148,934	85,292,083	97,950,113
14	Lighting Service										
15	SL (Unmetered)	34,220	283,615,680	-	-	333,469	0	48,507,451	1,502,753	0	50,343,673
16	SL (Metered/Non-Co)	9,067	9,633,367	-	-	31,848	114,778	182,286	50,469	0	379,380
17	SL (Metered/Co)	792	283,709	-	-	2,780	10,019	32,942	1,655	0	47,396
18	Outdoor	<u>626,313</u>	<u>89,373,232</u>	-	-	<u>791,021</u>	<u>0</u>	<u>9,319,820</u>	<u>468,685</u>	<u>0</u>	<u>10,579,526</u>
19	Subtotal	670,392	382,905,988	-	-	1,159,118	124,797	58,042,499	2,023,562	0	61,349,976
20	Wholesale Service										
21	Substation	174	320,347,189	1,422,494	-	18,334	43,864	363,039	79,269	0	504,506
22	Distribution Line	570	409,393,252	1,650,377	-	45,874	128,980	1,210,674	380,897	0	1,766,424
23											
24	Power Factor										
25	Discretionary Services										20,397,857
26	Other Revenues*										1,016,808,796
27	NTU XFMR**	408	0	11,281,956	-	528,038	375,597	19,883,894	0	0	20,787,528
28											
29	Total Operating Revenues***	45,628,981	136,252,128,626	267,430,116	192,724,318	68,791,771	199,971,110	1,860,916,799	121,217,484	1,475,932,111	4,764,035,928

\*Includes Rate NTS - Network Transmission Service and Rate WTS - Wholesale Transmission Service. Refer to WP/II-E-5 for further detail.

\*\*Docket 48929; Joint Report and Application of Oncor Electric Delivery Company LLC, Sharyland Distribution & Transmission Services L.C., Sharyland Utilities L.P., and SEMPRA Energy for Regulatory Approvals under PURA 14.101, 37.154, 39.262 and 39.915. Taffir for Transmission Service, Oncor Electric Delivery Company NTU LLC. Rate Schedule: Rate WDSS - Wholesale Distribution Substation Service; Effective: May 17, 2019.

\*\*\*Excludes inter-company revenues

PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
REVENUE IMPACT DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

2. Revenues Associated With Rate Annualization Adjustments

Line No.	Rate Class	Annual Billing Units				Revenue from Transmission and Distribution Charges - \$					
		Customer	KWh	Distribution Billing kW	Transmission Billing kW	Customer	Meter	Distribution	DCRF	TCRF	Total
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	Residential Service	306,658	0	266,729,776	-	307,913	862,352	1,853,221	36,007,863	90,986,343	130,017,693
2	Secondary Service										
3	10 kW and Below	46,071	0	8,152,793	-	124,357	370,863	(1,472)	1,714,027	1,562,628	3,770,403
4	Greater than 10 kW										
5	Non-IDR	11,723	0	(1,573,153)	-	142,842	476,312	3,071,481	19,765,932	16,351,775	39,808,343
6	IDR	1,058	0	(2,419,477)	-	13,123	43,187	(5,934,684)	7,688,803	25,239,160	27,049,589
7	Primary Service										
8	10 kW and Below	499	0	94,194	-	3,693	10,984	885	14,170	1,967	31,698
9	Greater than 10 kW										
10	Non-IDR	(410)	0	(99,715)	-	(17,087)	(39,955)	(137,358)	458,356	(385,546)	(121,591)
11	IDR	518	0	(1,562,542)	-	7,752	17,938	(5,050,576)	2,201,505	11,983,675	9,160,294
12	Substation	59	0	(208,072)	-	1,476	2,428	(74,164)	154,166	3,630,406	3,714,313
13	Transmission Service	63	0	(2,382,498)	-	7,400	11,727	(324,123)	42,777	16,370,005	16,107,786
14	Lighting Service										
15	SL (Unmetered)	172	0	-	-	0	0	0	917,340	0	917,340
16	SL (Metered/Non-Co)	(43)	0	-	-	(174)	(624)	1,384	31,733	0	32,320
17	SL (Metered/Co)	0	0	-	-	0	0	(0)	766	0	766
18	Outdoor	(8,025)	0	-	-	0	0	0	293,937	0	293,937
19	Subtotal	(7,896)	0	-	-	(174)	(624)	1,384	1,243,776	0	1,244,363
20	Wholesale Service										
21	Substation	6	0	111,820	-	632	1,513	30,401	55,789	0	88,335
22	Distribution Line	6	0	102,839	-	483	1,358	83,617	234,331	0	319,790
23											
24	Power Factor			4,778,695	-	0	0	14,288,998	0	0	14,288,998
25	Discretionary Services										2,070,647
26	Other Revenues *										(999,836,450)
27	NTU XFMR**	0	0	39,984	-	(528,038)	(375,597)	(19,883,894)	0	0	(20,787,528)
28											
29	Total Operating Revenues***	358,355	0	271,764,643	-	64,374	1,382,486	(12,076,283)	69,581,495	165,740,412	(773,073,320)

\*Excludes Rate NTS - Network Transmission Service and Rate WTS - Wholesale Transmission Service

\*\*Docket 48929, Joint Report and Application of Oncor Electric Delivery Company LLC, Sharyland Distribution & Transmission Services L.C., Sharyland Utilities L.P., and SEMPRA Energy for Regulatory Approvals under PURA 14.101, 37.154, 39.262 and 39.915. Tariff for Transmission Service, Oncor Electric Delivery Company NTU LLC. Rate Schedule: Rate WDSS - Wholesale Distribution Substation Service; Effective. May 17, 2019.

\*\*\*Excludes inter-company revenues

PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
REVENUE IMPACT DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

3. Revenues Associated With kWh Customer Adjustments

Line No.	Rate Class	Annual Billing Units				Revenue from Transmission and Distribution Charges - \$					
		Customer (a)	KWh (b)	Distribution Billing kW (c)	Transmission Billing kW (d)	Customer (e)	Meter (f)	Distribution (g)	DCRF (h)	TCRF (i)	Total (j)
1	Residential Service	0	359,072,373	0	-	0	0	7,124,355	794,627	0	7,918,982
2	Secondary Service										
3	10 kW and Below	0	23,744,467	0	-	0	0	510,079	58,910	0	568,989
4	Greater than 10 kw										
5	Non-IDR	0	123,980,196	0	-	0	0	0	0	0	0
6	IDR	0	285,380,399	0	-	0	0	0	0	0	0
7	Primary Service										
8	10 kW and Below	0	363,719	0	-	0	0	1,163	449	0	1,612
9	Greater than 10 kW										
10	Non-IDR	0	(9,592,514)	0	-	0	0	0	0	0	0
7	IDR	0	403,565,521	0	-	0	0	0	0	0	0
8	Substation	0	227,121,100	0	-	0	0	0	0	0	0
9	Transmission Service	0	369,470,372	0	-	0	0	0	0	0	0
10	Lighting Service										
11	SL (Unmetered)	0	(1,795,428)	-	-	0	0	(2,021,236)	(15,320)	0	(2,036,556)
12	SL (Metered/Non-Co)	0	(47,561)	-	-	0	0	(907)	(406)	0	(1,313)
13	SL (Metered/Co)	0	0	-	-	0	0	0	0	0	0
14	Outdoor	0	(1,082,704)	-	-	0	0	(172,688)	(9,239)	0	(181,927)
15	Subtotal	0	(2,925,693)	-	-	0	0	(2,194,831)	(24,965)	0	(2,219,796)
16	Wholesale Service										
17	Substation	0	479,412	0	-	0	0	0	0	0	0
18	Distribution Line	0	(3,841,670)	0	-	0	0	0	0	0	0
19											
20	Power Factor										0
21	Discretionary Services										0
22	Other Revenues										0
23	NTU XFMR	0	0	0	-	0	0	0	0	0	0
24											
25	Total Operating Revenues*	0	1,776,817,682	0	-	0	0	5,440,766	829,021	0	6,269,787

\*Excludes inter-company revenues

PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
REVENUE IMPACT DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

4. Revenues Associated With kW Customer Adjustments

Line No.	Rate Class	Annual Billing Units				Revenue from Transmission and Distribution Charges - \$					
		Customer (a)	KWh (b)	Distribution Billing kW (c)	Transmission Billing kW (d)	Customer (e)	Meter (f)	Distribution (g)	DCRF (h)	TCRF (i)	Total (j)
1	Residential Service	0	0	2,139,088	-	0	0	0	0	0	0
2	Secondary Service										
3	10 kW and Below	0	0	105,442	-	0	0	0	0	0	0
4	Greater than 10 kw										
5	Non-IDR	0	0	521,729	-	0	0	2,346,386	256,065	0	2,602,451
6	IDR	0	0	742,258	-	0	0	3,338,178	364,302	0	3,702,480
7	Primary Service										
8	10 kW and Below	0	0	1,248	-	0	0	0	0	0	0
9	Greater than 10 kW										
10	Non-IDR	0	0	(33,718)	-	0	0	(127,987)	(6,745)	0	(134,732)
11	IDR	0	0	892,768	-	0	0	3,388,811	178,591	0	3,567,402
12	Substation	0	0	454,171	-	0	0	218,264	20,305	0	238,569
13	Transmission Service	0	0	786,243	-	0	0	200,212	3,560	0	203,772
14	Lighting Service										
15	SL (Unmetered)	0	0	-	-	0	0	0	0	0	0
16	SL (Metered/Non-Co)	0	0	-	-	0	0	0	0	0	0
17	SL (Metered/Co)	0	0	-	-	0	0	0	0	0	0
18	Outdoor	0	0	-	-	0	0	0	0	0	0
19	Subtotal	0	0	-	-	0	0	0	0	0	0
20	Wholesale Service										
21	Substation	0	0	45,042	-	0	0	11,550	3,965	0	15,515
22	Distribution Line	0	0	67,923	-	0	0	50,143	23,835	0	73,978
23											
24	Power Factor										0
25	Discretionary Services										0
26	Other Revenues										0
27	NTU XFMR	0	0	0	-	0	0	0	0	0	0
28											
29	Total Operating Revenues*	0	0	5,722,193	-	0	0	9,425,557	843,878	0	10,269,435

\*Excludes inter-company revenues

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
REVENUE IMPACT DATA  
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SPONSOR: D. E. NELSON

5. Revenues Associated With kWh Weather Adjustments

Line No.	Rate Class	Annual Billing Units				Revenue from Transmission and Distribution Charges - \$					
		Customer (a)	KWh (b)	Distribution Billing kW (c)	Transmission Billing kW (d)	Customer (e)	Meter (f)	Distribution (g)	DCRF (h)	TCRF (i)	Total (j)
1	Residential Service	0	924,378,612	0	-	0	0	18,340,596	2,045,650	0	20,386,246
2	Secondary Service										
3	10 kW and Below	0	19,816,236	0	-	0	0	425,692	49,164	0	474,856
4	Greater than 10 kW										
5	Non-IDR	0	237,182,320	0	-	0	0	0	0	0	0
6	IDR	0	162,642,277	0	-	0	0	0	0	0	0
7	Primary Service										
8	10 kW and Below	0	0	0	-	0	0	0	0	0	0
9	Greater than 10 kW										
10	Non-IDR	0	5,877,865	0	-	0	0	0	0	0	0
11	IDR	0	51,900,706	0	-	0	0	0	0	0	0
12	Substation	0	11,919,502	0	-	0	0	0	0	0	0
13	Transmission Service	0	0	0	-	0	0	0	0	0	0
14	Lighting Service										
15	SL (Unmetered)	0	0	-	-	0	0	0	0	0	0
16	SL (Metered/Non-Co)	0	0	-	-	0	0	0	0	0	0
17	SL (Metered/Co)	0	0	-	-	0	0	0	0	0	0
18	Outdoor	0	0	-	-	0	0	0	0	0	0
19	Subtotal	0	0	-	-	0	0	0	0	0	0
20	Wholesale Service										
21	Substation	0	0	0	-	0	0	0	0	0	0
22	Distribution Line	0	0	0	-	0	0	0	0	0	0
23											
24	Power Factor										0
25	Discretionary Services										0
26	Other Revenues										0
27	NTU XFMR	0	0	0	-	0	0	0	0	0	0
28											
29	Total Operating Revenues*	0	1,413,717,519	0	-	0	0	18,766,288	2,094,814	0	20,861,102

\*Excludes inter-company revenues

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
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**SPONSOR: D. E. NELSON**

6. Revenues Associated With kW Weather Adjustments

Line No.	Rate Class	Annual Billing Units				Revenue from Transmission and Distribution Charges - \$					
		Customer (a)	KWh (b)	Distribution Billing kW (c)	Transmission Billing kW (d)	Customer (e)	Meter (f)	Distribution (g)	DCRF (h)	TCRF (i)	Total (j)
1	Residential Service	0	0	5,506,766	-	0	0	0	0	0	0
2	Secondary Service										
3	10 kW and Below	0	0	87,998	-	0	0	0	0	0	0
4	Greater than 10 kW										
5	Non-IDR	0	0	907,921	-	0	0	4,083,221	445,609	0	4,528,830
6	IDR	0	0	399,191	-	0	0	1,795,295	195,924	0	1,991,219
7	Primary Service										
8	10 kW and Below	0	0	0	-	0	0	0	0	0	0
9	Greater than 10 kW										
10	Non-IDR	0	0	18,743	-	0	0	71,146	3,749	0	74,895
11	IDR	0	0	109,256	-	0	0	414,720	21,856	0	436,576
12	Substation	0	0	23,133	-	0	0	11,117	1,034	0	12,151
13	Transmission Service	0	0	0	-	0	0	0	0	0	0
14	Lighting Service										
15	SL (Unmetered)	0	0	-	-	0	0	0	0	0	0
16	SL (Metered/Non-Co)	0	0	-	-	0	0	0	0	0	0
17	SL (Metered/Co)	0	0	-	-	0	0	0	0	0	0
18	Outdoor	0	0	-	-	0	0	0	0	0	0
19	Subtotal	0	0	-	-	0	0	0	0	0	0
20	Wholesale Service										
21	Substation	0	0	0	-	0	0	0	0	0	0
22	Distribution Line	0	0	0	-	0	0	0	0	0	0
23											
24	Power Factor										0
25	Discretionary Services										0
26	Other Revenues										0
27	NTU XFMR	0	0	0	-	0	0	0	0	0	0
28											
29	Total Operating Revenues*	0	0	7,053,009	-	0	0	6,375,499	668,172	0	7,043,671

\*Excludes inter-company revenues



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SPONSOR: D. E. NELSON

7 Revenues Associated With Other kWh Adjustments

Line No.	Rate Class	Annual Billing Units				Revenue from Transmission and Distribution Charges - \$					
		Customer (a)	KWh (b)	Distribution Billing kW (c)	Transmission Billing kW (d)	Customer (e)	Meter (f)	Distribution (g)	DCRF (h)	TCRF (i)	Total (j)
1	Residential Service	0	0	0	-	0	0	0	0	0	0
2	Secondary Service										
3	10 kW and Below	0	0	0	-	0	0	0	0	0	0
4	Greater than 10 kW										
5	Non-IDR	0	0	0	-	0	0	0	0	0	0
6	IDR	0	0	0	-	0	0	0	0	0	0
7	Primary Service										
8	10 kW and Below	0	0	0	-	0	0	0	0	0	0
9	Greater than 10 kW										
10	Non-IDR	0	0	0	-	0	0	0	0	0	0
11	IDR	0	0	0	-	0	0	0	0	0	0
12	Substation	0	0	0	-	0	0	0	0	0	0
13	Transmission Service	0	0	0	-	0	0	0	0	0	0
14	Lighting Service										
15	SL (Unmetered)	0	0	-	-	0	0	0	0	0	0
16	SL (Metered/Non-Co)	0	0	-	-	0	0	0	0	0	0
17	SL (Metered/Co)	0	0	-	-	0	0	0	0	0	0
18	Outdoor	0	0	-	-	0	0	0	0	0	0
19	Subtotal	0	0	-	-	0	0	0	0	0	0
20	Wholesale Service										
21	Substation	0	0	0	-	0	0	0	0	0	0
22	Distribution Line	0	0	0	-	0	0	0	0	0	0
23											0
24	Power Factor										0
25	Discretionary Services										0
26	Other Revenues										0
27	NTU XFMR	0	0	0	-	0	0	0	0	0	0
28											0
29	Total Operating Revenues*	0	0	0	-	0	0	0	0	0	0

\*Excludes inter-company revenues

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
REVENUE IMPACT DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

8. Revenues Associated With Other kW Adjustments

Line No.	Rate Class	Annual Billing Units				Revenue from Transmission and Distribution Charges - \$					
		Customer (a)	KWh (b)	Distribution Billing kW (c)	Transmission Billing kW (d)	Customer (e)	Meter (f)	Distribution (g)	DCRF (h)	ICRF (i)	Total (j)
1	Residential Service	0	0	0	-	0	0	0	0	0	0
2	Secondary Service										
3	10 kW and Below	0	0	0	-	0	0	0	0	0	0
4	Greater than 10 kW										
5	Non-IDR	0	0	0	-	0	0	0	0	0	0
6	IDR	0	0	0	-	0	0	0	0	0	0
7	Primary Service										
8	10 kW and Below	0	0	0	-	0	0	0	0	0	0
9	Greater than 10 kW										
10	Non-IDR	0	0	0	-	0	0	0	0	0	0
11	IDR	0	0	0	-	0	0	0	0	0	0
12	Substation	0	0	0	-	0	0	0	0	0	0
13	Transmission Service	0	0	0	-	0	0	0	0	0	0
14	Lighting Service										
15	SL (Unmetered)	0	0	-	-	0	0	0	0	0	0
16	SL (Metered/Non-Co)	0	0	-	-	0	0	0	0	0	0
17	SL (Metered/Co)	0	0	-	-	0	0	0	0	0	0
18	Outdoor	0	0	-	-	0	0	0	0	0	0
19	Subtotal	0	0		-	0	0	0	0	0	0
20	Wholesale Service										
21	Substation	0	0	0	-	0	0	0	0	0	0
22	Distribution Line	0	0	0	-	0	0	0	0	0	0
23											
24	Power Factor										0
25	Discretionary Services										0
26	Other Revenues										0
27	NTU XFMR	0	0	0	-	0	0	0	0	0	0
28											
29	Total Operating Revenues*	0	0	0	-	0	0	0	0	0	0

\*Excludes inter-company revenues

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
REVENUE IMPACT DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

9. Total Adjusted Revenue

Line No.	Rate Class	Annual Billing Units				Revenue from Transmission and Distribution Charges - \$					
		Customer	KWh	Distribution Billing kW	Transmission Billing kW	Customer	Meter	Distribution	DCRF	TCRF <sup>1</sup>	Total
		(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)
1	Residential Service	39,099,396	46,057,336,770	274,375,630	-	35,189,456	98,530,478	913,823,619	101,924,886	771,619,863	1,921,088,302
2	Secondary Service										
3	10 kW and Below	3,653,160	1,879,492,852	8,346,232	-	7,488,978	22,174,681	40,375,265	4,663,022	20,855,235	95,557,181
4	Greater than 10 kw										
5	Non-IDR	2,377,704	27,546,431,395	108,387,525	94,494,006	21,993,762	73,280,837	487,454,470	53,196,813	407,082,996	1,043,008,878
6	IDR	65,352	18,193,030,082	46,361,359	35,287,903	604,507	2,014,149	208,502,330	22,754,248	209,709,426	443,584,660
7	Primary Service										
8	10 kW and Below	37,212	27,825,268	95,442	-	231,459	688,423	88,985	34,364	189,054	1,232,285
9	Greater than 10 kW										
10	Non-IDR	66,720	1,897,968,836	6,226,781	5,568,408	1,038,830	2,411,928	23,635,902	1,245,618	9,552,468	37,884,746
11	IDR	19,176	15,326,577,519	33,242,683	23,954,316	298,570	693,213	126,184,106	6,649,933	96,586,079	230,411,901
12	Substation	1,560	6,330,888,028	12,307,905	7,775,885	235,825	387,770	5,914,883	550,250	24,415,314	31,504,042
13	Transmission Service	3,396	21,076,754,598	43,125,273	25,643,800	550,491	872,229	10,981,592	195,271	101,662,088	114,261,671
14	Lighting Service										
15	SL (Unmetered)	34,392	281,820,252	-	-	333,469	0	46,486,215	2,404,773	0	49,224,457
16	SL (Metered/Non-Co)	9,024	9,585,806	-	-	31,674	114,154	182,763	81,796	0	410,387
17	SL (Metered/Co)	792	283,709	-	-	2,780	10,019	32,942	2,421	0	48,162
18	Outdoor	<u>618,288</u>	<u>88,290,528</u>	-	-	<u>791,021</u>	<u>0</u>	<u>9,147,132</u>	<u>753,383</u>	<u>0</u>	<u>10,691,536</u>
19	Subtotal	662,496	379,980,295			1,158,944	124,173	55,849,052	3,242,373	0	60,374,542
20	Wholesale Service										
21	Substation	180	320,826,601	1,579,356	-	18,966	45,377	404,990	139,023	0	608,356
22	Distribution Line	576	405,551,582	1,821,139	-	46,357	130,338	1,344,434	639,063	0	2,160,192
23											
24	Power Factor			4,778,695		0	0	14,288,998	0	0	14,288,998
25	Discretionary Services										22,468,503
26	Other Revenues*										16,972,346
27	NTU XFMR	408	0	11,321,940	-	0	0	0	0	0	0
28											
29	Total Operating Revenues**	45,987,336	139,442,663,827	551,969,960	192,724,318	68,856,145	201,353,596	1,888,848,626	195,234,864	1,641,672,523	4,035,406,604

<sup>1</sup>Excludes customer and weather adjustments. TCRF revenue was adjusted to equal the March 1, 2022 TCRF revenue requirement reflected on Line 2, Attachment A of Oncor's petition approved in Docket No. 52898 and further adjusted to include the effects of the 2021 ERCOT 4CP load approved in Docket No. 52989.

\*For further detail see WP/II-H-4.1

\*\*Excludes inter-company revenues

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ONCOR ELECTRIC DELIVERY COMPANY  
REVENUE CALCULATION METHODOLOGIES  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

1 This schedule provides a narrative explanation of the methodologies used to  
2 calculate the adjustments to revenues set forth in Schedule II-H-4.1. The  
3 adjustments include (a) rate annualization adjustments; (b) customer growth  
4 adjustments; and (c) weather normalization adjustments. The rate annualization  
5 adjustments include adjustments to transmission and distribution billing demands  
6 to account for the effects of the billing demand ratchet and power factor  
7 provisions of the Company's tariffs. Customer growth adjustments affect number  
8 of customers, energy sales, and billing demands and are the result of annualizing  
9 billing determinants by month to reflect the number of customers at the end of the  
10 test year. Weather normalization adjustments affect energy and demands and  
11 are made to recognize the effects of deviations in test year temperatures from  
12 normal temperatures.

13

14 SCHEDULE II-H-4.1, PAGE 1 OF 9

15 Unadjusted Test Year Revenues – booked annual billing units by class of service  
16 are provided in lines 1 through 22, columns (a) through (d) and booked  
17 revenues by class of service are provided in columns (e) through (j). Power  
18 factor revenue, discretionary service revenue, and other revenue are provided on  
19 lines 24 through 26, column (j). NTU XFMR billing units and revenue are  
20 provided on line 27, columns (a) through (j).

21

22 SCHEDULE II-H-4.1, PAGE 2 OF 9

23 Revenues Associated with Rate Annualization Adjustments – column (a)  
24 provides the changes in the number of customers during the test year and  
25 columns (e) and (f) provide the adjustment to customer and meter revenues  
26 associated with the change in the number of customers. The change in

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REVENUE CALCULATION METHODOLOGIES  
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SPONSOR: D. E. NELSON

1 customers represents the differences between the total billed customers and total  
2 year end customers by class set forth on Schedule II-H-1.2, pages 1 through 15,  
3 columns (a) and (b). Schedule II-H-4.1, page 2, column (c) represent the change  
4 in distribution billing demands resulting from the annualization of the billing  
5 demand ratchet provisions of the tariff and from the annualization of the  
6 consumer responses to the power factor adjustment. The distribution billing  
7 demand adjustments reflect the application of the power factor adjustments set  
8 forth on WP/IV-J-5, and the billing demand ratchet adjustments set forth on  
9 WP/IV-J-5. The revenues associated with the rate annualization adjustments to  
10 billing demands are set forth on Schedule II-H-4.1, page 2, in columns (g) and  
11 (h). Wholesale revenue was adjusted for changes in the number of billing units  
12 at present rates and is shown on Schedule II-H-4.1, page 2, lines 21 and 22,  
13 column (j). Discretionary services revenue and other revenues were adjusted for  
14 non-revenue credit items and are shown in column (j) of lines 25 and 26.  
15 Support for Discretionary services revenue is provided on WP/IV-J-2.

16

17 SCHEDULE II-H-4.1, PAGE 3 OF 9

18 Revenues Associated with kWh Customer Adjustments – employs the total  
19 customer adjustment to kWh sales from Schedule II-H-1.2, column (e) times the  
20 applicable kWh charges at present rates to derive the revenue adjustment  
21 amounts set forth in Schedule II-H-4.1, page 3, columns (g), (h), and (i).

22

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ONCOR ELECTRIC DELIVERY COMPANY  
REVENUE CALCULATION METHODOLOGIES  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

1 SCHEDULE II-H-4.1, PAGE 4 OF 9

2 Revenues Associated with kW Customer Adjustments – employs the total  
3 customer adjustment to kW from WP/II-H-4.1 column (e) for residential, small  
4 secondary, and small primary as well as WP/IV-J-5, column (b) times the  
5 applicable transmission and distribution kW charges at present rates to derive  
6 the revenue adjustment amounts set forth in Schedule II-H-4.1, page 4, columns  
7 (g), (h), and (i).

8

9 SCHEDULE II-H-4.1, PAGE 5 OF 9

10 Revenues Associated with kWh Weather Adjustments – are shown on columns  
11 (g), (h), and (i) and are calculated by multiplying the weather adjustment to kWh  
12 shown on Schedule II-H-4.1, page 5, column (b) and on Schedule II-H-1.1,  
13 column (d) times the applicable energy charges from the Company's tariffs.

14

15 SCHEDULE II-H-4.1, PAGE 6 OF 9

16 Revenues Associated with kW Weather Adjustments – are shown on columns  
17 (g), (h), and (i) of Schedule II-H-4.1, page 6, and are calculated by multiplying the  
18 weather adjustment to transmission and distribution billing kW shown on  
19 Schedule II-H-4.1, page 6, columns (c) and (d) and from WP/II-H-4.1 and WP/IV-  
20 J-5 times the applicable test year demand charges from the Company's tariffs.

21

22 SCHEDULE II-H-4.1, PAGE 7 OF 9

23 There are no other adjustments to kWh.

24

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ONCOR ELECTRIC DELIVERY COMPANY  
REVENUE CALCULATION METHODOLOGIES  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

- 1 SCHEDULE II-H-4.1, PAGE 8 OF 9
- 2 There are no other adjustments to kW.
- 3
- 4 SCHEDULE II-H-4.1, PAGE 9 OF 9
- 5 Total Adjusted Revenue – this information summarizes the adjustments set forth
- 6 on pages 2 through 8, made to the unadjusted information set forth on page 1.

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

1 Monthly actual and normal heating and cooling degree days by weather stations for the  
2 test year are provided in Schedule II-H-5.1, pages 3-16. Actual monthly degree days  
3 are the sum of actual daily degree days within the month. Actual daily degree days are  
4 calculated as follows:

5

6 Daily mean temperatures are averages of 24 hour temperatures for each day. Daily  
7 heating and cooling degree days are calculated for multiple temperature bases. Bases  
8 40, 45, 50, 55, 60 and 65 degrees are employed for heating degree day variables and  
9 bases 50, 55, 60, 65, 70, 75, 80 and 85 degrees are employed for cooling degree day  
10 variables. Example calculation for base 65 cooling degree day and base 60 heating  
11 degree day are detailed below:

12

13 Daily Cooling Degree Days = Daily Mean Temperature minus 65 degrees;

14 If Cooling Degree Days < 0 then Cooling Degree Day = 0

15

16 Daily Heating Degree Days = 60 degrees minus Daily Mean Temperature

17 If Heating Degree < 0 then Heating Degree Day = 0

18

19 Sample calculations for January 2020, July 2020, January 2021 and July 2021 for the  
20 Abilene weather station are detailed on Schedule II-H-5.1, pages 17-20. Sample  
21 calculations for all sites for four selected dates are detailed on Schedule II-H-5.1, pages  
22 21-24.

23

24 Normal daily degree days by station were calculated by taking the 20 years (2001-2020)  
25 average of actual daily degree days. Sample daily normal calculations for January 21,  
26 2020, July 20, 2020, January 14, 2021, and July 14, 2021 for the Abilene weather  
27 station are provided in Schedule II-H-5.1, pages 25-26.



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ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

1 Normal monthly degree days are the sum of normal daily degree days within the month.  
2 Sample calculations for January and July for the Abilene weather station are provided in  
3 Schedule II-H-5.1, pages 27-28.

4

5 The location of each weather site and the applicable service territory are detailed  
6 graphically in Schedule II-H\_5.2, pages 36-37 and described below:

7

8 Abilene - Covers the Oncor service area west of Fort Worth to east of  
9 Midland/Odessa.

10 Austin – Covers the Oncor service area north of Austin.

11 DFW – Covers the Oncor service area of the Dallas/Fort Worth metroplex and  
12 the area immediately surrounding the DFW Metroplex.

13 Denison – Covers the Oncor service area bordering the Red River from west of  
14 Denison to east of Paris.

15 Killeen – Covers the Oncor service area southwest of Waco to north of Austin.

16 Lufkin – Covers the Oncor service area in east central to lower east Texas.

17 Longview – Covers the Oncor service area in east Texas north of Lufkin.

18 Midland/Odessa – Covers the service area in west Texas.

19 Waco – Covers the Oncor service area surrounding and including Waco.

20 Wichita Falls – Covers the Oncor service area west and northwest of Fort Worth  
21 and surrounding and including Wichita Falls.

22

23 The ten sites and their associated MWh sales shares (annual average over 2018-2020)  
24 by class (Residential, Secondary Service Less Than or Equal to 10 kW, Secondary  
25 Service Greater Than 10 kW, Primary Service Greater Than 10 kW Distribution Line  
26 and Primary Service Greater Than 10 kW Substation) are detailed in Schedule II-H-5.2,  
27 pages 30-34.

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**Calendar Actual Heating Degree Days by Weather Sites (Base 40)**

Line No.		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Ablene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
1	Jan-21	10	12	5	13	19	11	24	35	52	21
2	Feb-21	192	96	116	158	141	156	227	273	205	215
3	Mar-21	0	0	0	0	0	0	0	0	0	0
4	Apr-21	0	0	0	0	0	0	0	0	0	0
5	May-21	0	0	0	0	0	0	0	0	0	0
6	Jun-21	0	0	0	0	0	0	0	0	0	0
7	Jul-21	0	0	0	0	0	0	0	0	0	0
8	Aug-21	0	0	0	0	0	0	0	0	0	0
9	Sep-21	0	0	0	0	0	0	0	0	0	0
10	Oct-21	0	0	0	0	0	0	0	0	0	0
11	Nov-21	0	0	0	0	0	0	0	0	0	0
12	Dec-21	0	0	0	0	0	0	1	8	0	5
13	Annual	203	108	120	171	160	167	252	315	257	241

14  
15  
16

**Calendar Normal Heating Degree Days by Weather Sites (Base 40)**

Line No.		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Ablene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
17	Jan-21	44	25	20	29	39	34	60	84	53	74
18	Feb-21	29	10	12	20	20	21	46	61	35	47
19	Mar-21	6	2	2	3	4	4	8	11	7	10
20	Apr-21	0	0	0	0	0	0	1	0	1	0
21	May-21	0	0	0	0	0	0	0	0	0	0
22	Jun-21	0	0	0	0	0	0	0	0	0	0
23	Jul-21	0	0	0	0	0	0	0	0	0	0
24	Aug-21	0	0	0	0	0	0	0	0	0	0
25	Sep-21	0	0	0	0	0	0	0	0	0	0
26	Oct-21	0	0	0	0	0	0	1	1	1	0
27	Nov-21	5	2	1	4	3	4	11	12	11	7
28	Dec-21	25	9	9	16	19	19	49	66	45	44
29	Annual	109	49	43	73	86	81	176	236	153	182

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**PUC DOCKET NO.**  
**ONCOR ELECTRIC DELIVERY COMPANY LLC**  
**WEATHER STATION DATA**  
**FOR THE TEST YEAR ENDING DECEMBER 31, 2021**  
**SPONSOR: D. E. NELSON**

**Calendar Actual Heating Degree Days by Weather Sites (Base 45)**

Line No.		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
1	Jan-21	46	41	29	48	62	46	74	103	117	78
2	Feb-21	253	146	167	213	197	213	283	349	264	285
3	Mar-21	0	0	0	0	0	0	0	0	8	0
4	Apr-21	0	0	0	0	0	0	0	0	1	0
5	May-21	0	0	0	0	0	0	0	0	0	0
6	Jun-21	0	0	0	0	0	0	0	0	0	0
7	Jul-21	0	0	0	0	0	0	0	0	0	0
8	Aug-21	0	0	0	0	0	0	0	0	0	0
9	Sep-21	0	0	0	0	0	0	0	0	0	0
10	Oct-21	0	0	0	0	0	0	0	0	0	0
11	Nov-21	0	0	0	0	4	0	0	0	0	3
12	Dec-21	5	3	2	2	14	2	6	24	8	18
13	Annual	303	191	198	263	278	261	363	476	399	384

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**Calendar Normal Heating Degree Days by Weather Sites (Base 45)**

Line No.		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
17	Jan-21	94	64	52	69	92	80	121	160	116	147
18	Feb-21	64	33	31	46	54	50	89	115	74	100
19	Mar-21	14	6	5	9	11	10	20	26	17	23
20	Apr-21	1	0	0	1	0	1	2	3	1	2
21	May-21	0	0	0	0	0	0	0	0	0	0
22	Jun-21	0	0	0	0	0	0	0	0	0	0
23	Jul-21	0	0	0	0	0	0	0	0	0	0
24	Aug-21	0	0	0	0	0	0	0	0	0	0
25	Sep-21	0	0	0	0	0	0	0	0	0	0
26	Oct-21	1	0	0	1	0	1	4	4	4	1
27	Nov-21	14	8	7	12	14	13	27	31	28	20
28	Dec-21	65	40	34	50	62	55	106	137	107	103
29	Annual	253	153	129	187	234	209	368	476	347	396

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**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**Calendar Actual Cooling Degree Days by Weather Sites (Base 50)**

Line No		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
1	Jan-21	124	105	74	106	143	114	169	226	225	177
2	Feb-21	330	205	222	277	279	281	355	443	335	378
3	Mar-21	0	2	0	1	4	0	9	12	22	2
4	Apr-21	0	0	0	0	1	0	5	5	11	3
5	May-21	0	0	0	0	0	0	0	0	0	0
6	Jun-21	0	0	0	0	0	0	0	0	0	0
7	Jul-21	0	0	0	0	0	0	0	0	0	0
8	Aug-21	0	0	0	0	0	0	0	0	0	0
9	Sep-21	0	0	0	0	0	0	0	0	0	0
10	Oct-21	0	0	0	0	0	0	0	0	0	0
11	Nov-21	7	7	2	6	29	6	10	21	23	23
12	Dec-21	26	21	13	14	38	20	28	72	38	53
13	Annual	488	340	311	404	494	422	576	779	653	636

**Calendar Normal Cooling Degree Days by Weather Sites (Base 50)**

Line No		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
17	Jan-21	176	137	115	139	178	160	215	269	216	251
18	Feb-21	124	78	71	93	112	104	156	196	139	177
19	Mar-21	33	18	15	23	29	26	44	58	40	53
20	Apr-21	3	2	1	2	2	2	7	10	5	7
21	May-21	0	0	0	0	0	0	0	0	0	0
22	Jun-21	0	0	0	0	0	0	0	0	0	0
23	Jul-21	0	0	0	0	0	0	0	0	0	0
24	Aug-21	0	0	0	0	0	0	0	0	0	0
25	Sep-21	0	0	0	0	0	0	0	0	0	0
26	Oct-21	3	1	1	3	2	3	9	9	9	5
27	Nov-21	34	29	24	32	41	34	60	69	64	52
28	Dec-21	140	104	91	115	140	129	191	238	200	195
29	Annual	514	367	319	406	504	459	683	849	674	740

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**Calendar Actual Cooling Degree Days by Weather Sites (Base 55)**

Line No.		Dallas/ Fort Worth (MX)	Lufkin (LU)	Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
1	Jan-21	255	197	150	207	270	226	306	373	365	320
2	Feb-21	430	289	290	365	385	373	450	558	431	489
3	Mar-21	18	29	7	20	48	26	37	55	60	28
4	Apr-21	5	6	5	7	17	8	26	35	42	22
5	May-21	0	0	0	0	0	0	0	0	0	0
6	Jun-21	0	0	0	0	0	0	0	0	0	0
7	Jul-21	0	0	0	0	0	0	0	0	0	0
8	Aug-21	0	0	0	0	0	0	0	0	0	0
9	Sep-21	0	0	0	0	0	0	0	0	0	0
10	Oct-21	0	0	0	0	0	0	0	0	0	1
11	Nov-21	45	53	35	43	79	48	55	85	73	87
12	Dec-21	68	50	39	45	81	52	73	127	84	104
13	Annual	820	624	526	687	880	734	947	1233	1055	1050

**Calendar Normal Cooling Degree Days by Weather Sites (Base 55)**

		Dallas/ Fort Worth (MX)	Lufkin (LU)	Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
17	Jan-21	290	238	212	241	288	271	333	400	342	377
18	Feb-21	208	148	135	166	197	183	245	300	228	275
19	Mar-21	69	46	41	52	67	61	91	114	85	108
20	Apr-21	11	6	4	7	10	9	20	24	15	22
21	May-21	1	0	0	0	0	0	2	2	2	2
22	Jun-21	0	0	0	0	0	0	0	0	0	0
23	Jul-21	0	0	0	0	0	0	0	0	0	0
24	Aug-21	0	0	0	0	0	0	0	0	0	0
25	Sep-21	0	0	0	0	0	0	0	0	1	0
26	Oct-21	9	5	5	8	10	9	23	24	22	17
27	Nov-21	78	70	59	71	92	77	116	135	126	108
28	Dec-21	243	197	180	211	243	231	301	365	324	311
29	Annual	908	710	636	757	906	840	1131	1366	1144	1219

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**Calendar Actual Heating Degree Days by Weather Sites (Base 60)**

Line No.		Dallas/ Fort							Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)	Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)			
1	Jan-21	400	318	257	344	417	364	451	523	515	470
2	Feb-21	547	392	392	471	502	482	569	697	550	615
3	Mar-21	66	88	44	64	112	74	108	139	141	96
4	Apr-21	32	36	35	38	60	38	79	89	103	72
5	May-21	3	0	0	0	1	0	9	11	3	10
6	Jun-21	0	0	0	0	0	0	0	0	0	0
7	Jul-21	0	0	0	0	0	0	0	0	0	0
8	Aug-21	0	0	0	0	0	0	0	0	0	0
9	Sep-21	0	0	0	0	0	0	0	0	0	0
10	Oct-21	0	5	2	2	7	4	6	12	15	11
11	Nov-21	125	134	110	121	171	124	135	186	170	179
12	Dec-21	123	93	78	93	128	102	126	211	169	164
13	Annual	1296	1066	918	1133	1397	1188	1482	1868	1666	1616

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**Calendar Normal Heating Degree Days by Weather Sites (Base 60)**

Line No.		Dallas/ Fort							Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)	Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)			
17	Jan-21	422	359	333	366	416	402	470	544	488	518
18	Feb-21	311	240	225	260	300	283	352	419	339	391
19	Mar-21	133	100	90	108	134	122	165	202	159	193
20	Apr-21	29	19	15	22	29	25	46	57	38	56
21	May-21	3	1	1	2	2	2	7	7	7	8
22	Jun-21	0	0	0	0	0	0	0	0	0	0
23	Jul-21	0	0	0	0	0	0	0	0	0	0
24	Aug-21	0	0	0	0	0	0	0	0	0	0
25	Sep-21	0	0	0	0	0	0	1	1	2	0
26	Oct-21	27	23	19	25	34	26	50	57	48	47
27	Nov-21	148	140	120	137	170	146	200	231	221	191
28	Dec-21	369	311	293	328	365	352	435	510	467	447
29	Annual	1442	1193	1096	1248	1450	1358	1727	2027	1770	1850

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**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
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**SPONSOR: D. E. NELSON**

**Calendar Actual Heating Degree Days by Weather Sites (Base 65)**

Line No		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
1	Jan-21	553	465	392	488	568	511	605	678	670	625
2	Feb-21	679	509	512	591	632	605	700	837	687	752
3	Mar-21	156	162	115	154	211	165	206	255	250	205
4	Apr-21	86	88	87	93	126	94	160	178	186	150
5	May-21	18	2	2	10	11	8	30	36	25	34
6	Jun-21	0	0	0	0	0	0	0	0	0	0
7	Jul-21	0	0	0	0	0	0	0	0	0	0
8	Aug-21	0	0	0	0	0	0	0	0	0	0
9	Sep-21	0	0	0	0	0	0	0	0	0	0
10	Oct-21	17	31	26	24	37	29	36	53	53	44
11	Nov-21	239	249	217	228	296	231	246	317	295	305
12	Dec-21	191	153	145	154	196	167	209	333	293	249
13	Annual	1940	1658	1495	1741	2075	1812	2191	2686	2460	2363

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**Calendar Normal Heating Degree Days by Weather Sites (Base 65)**

Line No		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
17	Jan-21	567	496	470	506	558	546	619	696	642	667
18	Feb-21	431	353	334	374	420	402	476	551	469	520
19	Mar-21	227	187	171	195	232	213	267	315	262	307
20	Apr-21	67	53	42	55	73	63	97	117	82	117
21	May-21	10	5	4	8	10	8	21	24	19	24
22	Jun-21	0	0	0	0	0	0	0	0	0	0
23	Jul-21	0	0	0	0	0	0	0	0	0	0
24	Aug-21	0	0	0	0	0	0	0	0	0	0
25	Sep-21	1	1	1	1	1	1	5	4	6	3
26	Oct-21	66	61	51	60	82	64	103	120	100	104
27	Nov-21	248	236	210	232	278	243	313	354	345	304
28	Dec-21	511	443	424	466	503	493	583	661	620	595
29	Annual	2129	1834	1707	1897	2159	2034	2485	2841	2544	2641

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**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
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**SPONSOR: D. E. NELSON**

**Calendar Actual Cooling Degree Days by Weather Sites (Base 50)**

Line No.		Dallas/ Fort							Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)	Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)			
1	Jan-21	36	109	149	84	40	69	29	13	20	18
2	Feb-21	71	134	149	109	74	98	75	27	68	45
3	Mar-21	347	358	406	346	292	337	285	235	249	283
4	Apr-21	442	457	462	451	382	449	369	314	347	338
5	May-21	656	700	679	653	625	676	615	568	647	560
6	Jun-21	957	930	888	897	877	934	894	871	890	879
7	Jul-21	1068	972	925	953	940	1005	983	981	897	988
8	Aug-21	1074	1025	974	1026	964	1055	1020	998	900	993
9	Sep-21	914	841	842	881	783	886	876	842	825	836
10	Oct-21	675	679	651	651	642	662	615	552	566	563
11	Nov-21	231	219	252	242	194	243	224	158	179	173
12	Dec-21	357	435	404	393	387	395	325	224	213	295
13	Annual	6829	6857	6782	6687	6199	6808	6310	5782	5802	5971

**Calendar Normal Cooling Degree Days by Weather Sites (Base 50)**

Line No.		Dallas/ Fort							Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)	Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)			
17	Jan-21	78	115	118	102	90	83	61	39	39	50
18	Feb-21	122	158	174	150	122	130	104	68	93	80
19	Mar-21	314	345	368	338	298	318	275	235	274	232
20	Apr-21	505	525	559	529	482	512	469	429	497	414
21	May-21	759	754	794	759	724	760	712	692	759	664
22	Jun-21	977	912	957	946	906	964	916	928	968	904
23	Jul-21	1112	998	1040	1057	1018	1091	1032	1078	1033	1048
24	Aug-21	1124	1012	1069	1079	1026	1106	1027	1062	1014	1046
25	Sep-21	874	825	855	841	814	860	766	782	758	792
26	Oct-21	564	554	599	574	510	571	491	457	487	481
27	Nov-21	267	280	315	286	240	276	214	177	177	214
28	Dec-21	100	139	144	121	109	107	75	43	45	67
29	Annual	6795	6616	6992	6782	6339	6779	6142	5990	6143	5992



**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
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FOR THE TEST YEAR ENDING DECEMBER 31, 2021  
SPONSOR: D. E. NELSON**

**Calendar Actual Cooling Degree Days by Weather Sites (Base 55)**

Line No.		Dallas/ Fort							Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)	Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)			
1	Jan-21	12	46	70	29	12	26	10	4	5	6
2	Feb-21	31	78	77	58	40	50	31	2	23	17
3	Mar-21	210	230	258	211	180	209	159	123	133	154
4	Apr-21	297	312	317	308	248	307	240	193	229	207
5	May-21	501	545	524	498	470	521	460	413	492	405
6	Jun-21	807	780	738	747	727	784	744	721	740	729
7	Jul-21	913	817	770	798	785	850	828	826	742	833
8	Aug-21	919	870	819	871	809	900	865	843	745	838
9	Sep-21	764	691	692	731	633	736	726	692	675	686
10	Oct-21	520	524	496	496	487	507	460	397	411	408
11	Nov-21	119	114	136	129	94	134	120	72	80	87
12	Dec-21	244	309	275	269	275	272	215	124	105	190
13	Annual	5337	5316	5172	5144	4759	5295	4857	4411	4379	4560

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**Calendar Normal Cooling Degree Days by Weather Sites (Base 55)**

Line No.		Dallas/ Fort							Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)	Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)			
17	Jan-21	36	61	59	49	45	39	24	15	10	21
18	Feb-21	66	88	99	82	66	69	53	32	41	38
19	Mar-21	195	219	239	212	181	198	166	136	164	132
20	Apr-21	363	380	411	384	339	369	332	294	358	279
21	May-21	605	599	639	605	570	606	558	539	606	511
22	Jun-21	827	762	807	796	756	814	766	778	818	754
23	Jul-21	957	843	885	902	863	936	877	923	878	893
24	Aug-21	969	857	914	924	871	951	872	907	859	891
25	Sep-21	724	675	705	691	664	710	616	632	608	642
26	Oct-21	415	403	448	425	363	421	350	317	345	338
27	Nov-21	160	171	200	176	141	168	120	94	89	120
28	Dec-21	48	77	78	62	58	54	30	15	14	28
29	Annual	5364	5134	5484	5308	4917	5335	4765	4681	4788	4647

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**Calendar Actual Cooling Degree Days by Weather Sites (Base 60)**

Line No.		Dallas/ Fort							Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)	Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)			
1	Jan-21	2	12	23	12	4	9	1	0	0	0
2	Feb-21	8	41	39	23	16	18	9	0	3	2
3	Mar-21	103	134	140	100	89	101	74	52	58	67
4	Apr-21	173	192	197	188	141	187	143	97	139	107
5	May-21	349	390	369	343	316	366	313	269	340	261
6	Jun-21	657	630	588	597	577	634	594	571	590	579
7	Jul-21	758	662	615	643	630	695	673	671	587	678
8	Aug-21	764	715	664	716	654	745	710	688	590	683
9	Sep-21	614	541	542	581	483	586	576	542	525	536
10	Oct-21	365	374	343	344	339	356	311	254	271	264
11	Nov-21	49	45	60	57	36	61	49	23	26	29
12	Dec-21	144	198	159	162	167	167	113	53	35	95
13	Annual	3988	3933	3739	3765	3452	3924	3566	3221	3164	3301

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**Calendar Normal Cooling Degree Days by Weather Sites (Base 60)**

Line No.		Dallas/ Fort							Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)	Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)			
17	Jan-21	14	27	26	19	19	15	6	4	1	7
18	Feb-21	29	41	48	37	29	29	20	11	13	14
19	Mar-21	104	118	133	113	93	104	86	68	83	63
20	Apr-21	231	243	273	248	209	235	208	176	230	163
21	May-21	452	445	485	451	416	452	409	389	456	361
22	Jun-21	677	612	657	646	606	664	616	628	668	604
23	Jul-21	802	688	730	747	708	781	722	768	723	738
24	Aug-21	814	702	759	769	716	796	717	752	704	736
25	Sep-21	574	525	555	541	514	560	467	483	459	492
26	Oct-21	278	266	307	286	232	284	222	195	216	214
27	Nov-21	80	90	111	92	69	87	53	39	34	54
28	Dec-21	19	36	36	24	24	20	9	5	2	9
29	Annual	4073	3792	4119	3974	3635	4028	3535	3517	3589	3453

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021  
SPONSOR: D. E. NELSON**

**Calendar Actual Cooling Degree Days by Weather Sites (Base 65)**

Line No.		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
1	Jan-21	0	3	3	0	0	0	0	0	0	0
2	Feb-21	0	18	19	3	6	2	0	0	0	0
3	Mar-21	38	53	56	35	33	38	17	13	12	21
4	Apr-21	78	95	99	94	57	93	74	36	73	35
5	May-21	209	237	216	198	171	220	180	139	207	129
6	Jun-21	507	480	438	447	427	484	444	421	440	429
7	Jul-21	603	507	460	488	475	540	518	516	432	523
8	Aug-21	609	560	509	561	499	590	555	533	435	528
9	Sep-21	464	391	392	431	333	436	426	392	375	386
10	Oct-21	227	245	212	211	214	226	186	140	154	142
11	Nov-21	13	10	17	14	11	18	10	4	1	5
12	Dec-21	58	103	70	68	80	77	40	19	4	25
13	Annual	2806	2700	2491	2549	2305	2723	2450	2214	2133	2223

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**Calendar Normal Cooling Degree Days by Weather Sites (Base 65)**

Line No.		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
17	Jan-21	3	9	8	5	5	4	0	1	0	1
18	Feb-21	9	13	17	11	9	8	4	3	2	3
19	Mar-21	43	49	59	45	37	40	33	26	31	21
20	Apr-21	119	127	150	132	103	123	109	87	124	74
21	May-21	305	294	333	302	270	304	268	251	313	223
22	Jun-21	527	462	507	496	456	514	466	478	518	454
23	Jul-21	647	533	575	592	553	626	567	613	568	583
24	Aug-21	659	547	604	614	561	641	562	597	549	581
25	Sep-21	425	375	406	392	365	411	321	336	314	344
26	Oct-21	162	149	184	167	126	167	120	103	113	116
27	Nov-21	30	37	51	36	27	35	16	12	8	17
28	Dec-21	6	13	12	7	8	6	1	1	0	2
29	Annual	2934	2608	2906	2798	2519	2879	2468	2506	2538	2418

**PUC DOCKET NO.  
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**SPONSOR: D. E. NELSON**

**Calendar Actual Cooling Degree Days by Weather Sites (Base 70)**

Line No.		Dallas/ Fort Worth (MX)	Lufkin (LU)	Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
1	Jan-21	0	0	0	0	0	0	0	0	0	0
2	Feb-21	0	4	4	0	1	0	0	0	0	0
3	Mar-21	6	11	16	4	3	7	0	0	0	1
4	Apr-21	24	28	32	28	16	30	30	6	30	2
5	May-21	88	98	90	79	60	95	70	39	92	35
6	Jun-21	359	330	292	300	277	334	298	277	298	286
7	Jul-21	448	352	305	333	320	385	363	361	277	368
8	Aug-21	454	405	354	406	344	435	400	378	280	373
9	Sep-21	314	244	247	281	192	289	278	245	231	240
10	Oct-21	111	129	95	94	101	108	82	52	65	45
11	Nov-21	0	1	0	1	1	2	0	0	0	0
12	Dec-21	10	28	18	11	16	17	7	4	0	3
13	Annual	1814	1630	1454	1537	1331	1702	1528	1362	1274	1354

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**Calendar Normal Cooling Degree Days by Weather Sites (Base 70)**

		Dallas/ Fort Worth (MX)	Lufkin (LU)	Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
17	Jan-21	0	1	1	0	0	0	0	0	0	0
18	Feb-21	1	2	3	1	1	1	0	0	0	0
19	Mar-21	11	11	15	8	7	8	6	6	6	3
20	Apr-21	43	46	61	50	34	45	42	31	49	21
21	May-21	170	158	191	166	140	170	148	134	188	109
22	Jun-21	377	312	357	346	306	364	317	328	368	305
23	Jul-21	492	378	420	437	398	471	413	458	414	428
24	Aug-21	504	392	449	459	406	486	407	442	394	426
25	Sep-21	280	230	260	247	223	267	189	202	181	210
26	Oct-21	78	66	89	75	54	79	48	42	44	50
27	Nov-21	9	9	16	9	6	9	3	2	1	3
28	Dec-21	1	2	2	1	1	1	0	0	0	0
29	Annual	1966	1605	1865	1798	1576	1899	1573	1645	1644	1554

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**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
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**SPONSOR: D. E. NELSON**

**Calendar Actual Cooling Degree Days by Weather Sites (Base 75)**

Line No.		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
1	Jan-21	0	0	0	0	0	0	0	0	0	0
2	Feb-21	0	0	0	0	0	0	0	0	0	0
3	Mar-21	0	0	0	0	0	0	0	0	0	0
4	Apr-21	1	5	2	4	3	3	7	0	6	0
5	May-21	20	17	19	14	9	22	11	9	18	6
6	Jun-21	218	183	156	167	143	194	170	149	181	161
7	Jul-21	293	199	150	179	166	230	208	206	125	213
8	Aug-21	299	250	199	251	189	280	245	224	135	219
9	Sep-21	172	114	119	144	73	155	144	117	108	108
10	Oct-21	25	30	21	14	22	28	22	12	17	11
11	Nov-21	0	0	0	0	0	0	0	0	0	0
12	Dec-21	0	1	0	0	1	0	0	0	0	0
13	Annual	1029	800	667	772	605	912	806	717	589	718

**Calendar Normal Cooling Degree Days by Weather Sites (Base 75)**

Line No.		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
17	Jan-21	0	0	0	0	0	0	0	0	0	0
18	Feb-21	0	0	0	0	0	0	0	0	0	0
19	Mar-21	1	0	1	0	0	0	0	0	0	0
20	Apr-21	8	8	14	10	6	9	10	6	11	2
21	May-21	69	54	80	64	47	68	62	53	90	34
22	Jun-21	230	165	208	199	161	217	177	189	224	165
23	Jul-21	338	223	265	283	245	317	261	306	263	275
24	Aug-21	349	239	295	304	253	331	257	290	243	273
25	Sep-21	153	102	129	121	103	140	85	95	77	101
26	Oct-21	27	18	29	22	13	28	13	12	10	15
27	Nov-21	1	0	2	1	0	1	0	0	0	0
28	Dec-21	0	0	0	0	0	0	0	0	0	0
29	Annual	1175	809	1023	1004	827	1110	866	951	918	866

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**Calendar Actual Cooling Degree Days by Weather Sites (Base 80)**

Line No.		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
1	Jan-21	0	0	0	0	0	0	0	0	0	0
2	Feb-21	0	0	0	0	0	0	0	0	0	0
3	Mar-21	0	0	0	0	0	0	0	0	0	0
4	Apr-21	0	0	0	0	0	0	0	0	0	0
5	May-21	3	0	0	0	0	2	0	0	0	0
6	Jun-21	105	68	45	62	43	82	63	56	78	60
7	Jul-21	138	63	31	54	45	89	75	67	30	78
8	Aug-21	150	98	58	103	54	131	107	91	27	88
9	Sep-21	60	31	31	51	16	53	48	32	25	28
10	Oct-21	1	0	0	0	1	0	1	2	0	0
11	Nov-21	0	0	0	0	0	0	0	0	0	0
12	Dec-21	0	0	0	0	0	0	0	0	0	0
13	Annual	457	260	165	269	159	356	293	247	160	254

**Calendar Normal Cooling Degree Days by Weather Sites (Base 80)**

Line No.		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
17	Jan-21	0	0	0	0	0	0	0	0	0	0
18	Feb-21	0	0	0	0	0	0	0	0	0	0
19	Mar-21	0	0	0	0	0	0	0	0	0	0
20	Apr-21	1	0	1	1	0	1	1	1	1	0
21	May-21	15	5	15	11	6	14	16	14	29	4
22	Jun-21	102	52	78	75	52	91	66	78	102	61
23	Jul-21	189	84	121	139	104	168	125	165	127	137
24	Aug-21	202	101	148	160	117	185	128	155	114	140
25	Sep-21	58	22	39	36	26	49	23	28	18	34
26	Oct-21	5	1	3	2	0	5	1	1	0	1
27	Nov-21	0	0	0	0	0	0	0	0	0	0
28	Dec-21	0	0	0	0	0	0	0	0	0	0
29	Annual	571	264	405	423	304	513	361	441	391	376

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**Calendar Actual Cooling Degree Days by Weather Sites (Base 85)**

Line No.		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
1	Jan-21	0	0	0	0	0	0	0	0	0	0
2	Feb-21	0	0	0	0	0	0	0	0	0	0
3	Mar-21	0	0	0	0	0	0	0	0	0	0
4	Apr-21	0	0	0	0	0	0	0	0	0	0
5	May-21	0	0	0	0	0	0	0	0	0	0
6	Jun-21	24	0	0	0	0	9	4	3	8	3
7	Jul-21	33	2	0	1	0	11	14	9	0	10
8	Aug-21	36	2	0	6	0	24	16	15	0	10
9	Sep-21	14	2	0	5	0	10	5	3	1	1
10	Oct-21	0	0	0	0	0	0	0	0	0	0
11	Nov-21	0	0	0	0	0	0	0	0	0	0
12	Dec-21	0	0	0	0	0	0	0	0	0	0
13	Annual	107	6	0	11	0	54	40	29	9	24

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**Calendar Normal Cooling Degree Days by Weather Sites (Base 85)**

Line No.		Dallas/ Fort		Austin (AU)	Killeen (KI)	Longview (LO)	Waco (WO)	Abilene (AE)	Wichita Falls (WF)	Midland/ Odessa (MO)	Denison (DE)
		Worth (MX)	Lufkin (LU)								
17	Jan-21	0	0	0	0	0	0	0	0	0	0
18	Feb-21	0	0	0	0	0	0	0	0	0	0
19	Mar-21	0	0	0	0	0	0	0	0	0	0
20	Apr-21	0	0	0	0	0	0	0	0	0	0
21	May-21	1	0	0	0	0	0	2	1	5	0
22	Jun-21	22	4	9	9	6	17	11	18	25	8
23	Jul-21	66	7	21	33	18	52	33	59	33	42
24	Aug-21	82	17	35	48	28	68	39	59	29	47
25	Sep-21	10	1	4	4	2	7	2	4	2	5
26	Oct-21	0	0	0	0	0	0	0	0	0	0
27	Nov-21	0	0	0	0	0	0	0	0	0	0
28	Dec-21	0	0	0	0	0	0	0	0	0	0
29	Annual	180	29	69	93	54	144	87	141	94	102

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

Line  
No

Abilene Daily Actual Weather Calculation for January 2020

1	2	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20
3	Jan--01-20	42	42	42	44	47	47	47	48	47	48	49	51	53	54	55	55	56	55	54	54
4	Jan--02-20	50	51	50	50	50	50	49	49	47	51	55	60	63	63	68	69	66	64	58	55
5	Jan--03-20	49	49	47	47	47	46	45	44	44	45	48	49	52	54	56	58	59	57	53	50
6	Jan--04-20	41	37	36	36	37	37	39	37	38	44	53	56	58	62	64	67	68	67	60	54
7	Jan--05-20	48	50	52	49	48	50	50	49	50	55	58	60	63	65	64	65	65	64	58	55
8	Jan--06-20	35	36	35	34	35	37	36	33	33	37	45	51	61	63	62	61	59	59	55	51
9	Jan--07-20	33	32	31	30	30	30	27	29	26	36	48	57	59	60	62	63	63	62	56	51
10	Jan--08-20	44	40	41	43	40	43	42	41	41	45	52	57	59	62	62	64	65	63	61	60
11	Jan--09-20	58	57	56	56	58	57	59	60	60	61	63	64	67	70	72	73	74	73	68	61
12	Jan--10-20	60	57	57	60	61	63	64	63	62	65	66	67	68	69	69	70	69	69	66	63
13	Jan--11-20	39	39	38	37	32	31	32	32	31	32	34	34	36	41	43	45	48	50	49	43
14	Jan--12-20	41	43	41	40	42	43	43	43	42	43	46	50	55	60	64	68	65	64	60	56
15	Jan--13-20	45	45	44	44	44	43	47	47	47	51	54	58	62	67	72	72	71	69	66	64
16	Jan--14-20	56	55	54	54	54	50	49	48	47	46	49	54	56	58	66	71	72	72	66	64
17	Jan--15-20	54	58	59	62	61	61	60	58	56	59	61	63	65	68	71	74	73	72	65	61
18	Jan--16-20	51	50	49	49	49	47	45	43	41	40	38	37	36	35	34	34	34	36	36	37
19	Jan--17-20	34	36	34	37	34	36	34	34	36	38	43	43	47	45	41	47	47	47	47	47
20	Jan--18-20	53	54	55	54	52	46	46	47	46	42	47	47	49	50	52	52	52	51	48	44
21	Jan--19-20	36	34	34	30	29	29	29	29	25	30	39	45	47	50	52	53	53	53	50	46
22	Jan--20-20	35	34	35	35	35	34	32	33	33	38	44	51	53	55	56	57	57	56	54	50
23	Jan--21-20	43	42	42	45	45	44	42	43	44	45	48	51	53	56	57	55	55	54	53	52
24	Jan--22-20	45	45	45	46	48	49	50	50	50	51	52	54	57	61	61	63	64	63	61	58
25	Jan--23-20	46	47	48	47	44	42	42	39	38	40	47	50	53	56	56	59	58	56	52	47
26	Jan--24-20	38	36	34	35	36	34	30	31	30	38	47	51	55	60	62	63	63	63	59	53
27	Jan--25-20	46	45	44	43	44	44	44	45	47	47	52	55	58	61	65	67	67	66	62	60
28	Jan--26-20	51	49	47	45	45	42	42	38	41	46	51	56	60	62	65	66	67	67	64	60
29	Jan--27-20	43	45	46	43	43	45	46	45	47	52	58	62	67	69	71	73	75	75	72	68
30	Jan--28-20	62	63	61	58	55	52	50	46	46	50	52	50	44	43	42	43	45	45	45	44
31	Jan--29-20	40	40	38	37	35	34	33	30	31	36	40	44	47	50	51	53	54	51	47	42
32	Jan--30-20	37	37	37	37	37	37	37	36	36	36	36	36	37	38	39	40	41	41	40	38
33	Jan--31-20	30	29	29	26	29	28	26	26	29	32	37	44	48	51	53	54	55	55	51	49

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DAILY

36	DATE	HR21	HR22	HR23	HR24	AVG	HDD40	HDD45	HDD50	HDD55	HDD60	HDD65	CDD50	CDD55	CDD60	CDD65	CDD70	CDD75	CDD80	CDD85
37	Jan--01-20	53	53	52	51	50.00	0.00	0.00	0.00	5.00	10.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
38	Jan--02-20	55	53	51	50	55.30	0.00	0.00	0.00	0.00	4.70	9.70	5.30	0.30	0.00	0.00	0.00	0.00	0.00	0.00
39	Jan--03-20	47	44	42	40	48.80	0.00	0.00	1.20	6.20	11.20	16.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
40	Jan--04-20	49	48	46	48	49.30	0.00	0.00	0.70	5.70	10.70	15.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
41	Jan--05-20	52	50	40	42	54.30	0.00	0.00	0.00	0.70	5.70	10.70	4.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00
42	Jan--06-20	48	46	43	41	45.70	0.00	0.00	4.30	9.30	14.30	19.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
43	Jan--07-20	46	42	42	42	44.00	0.00	1.00	6.00	11.00	16.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
44	Jan--08-20	60	59	59	58	52.50	0.00	0.00	0.00	2.50	7.50	12.50	2.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
45	Jan--09-20	60	60	61	60	62.80	0.00	0.00	0.00	0.00	0.00	2.20	12.80	7.80	2.80	0.00	0.00	0.00	0.00	0.00
46	Jan--10-20	56	48	44	41	61.50	0.00	0.00	0.00	0.00	0.00	3.50	11.50	6.50	1.50	0.00	0.00	0.00	0.00	0.00
47	Jan--11-20	40	40	41	42	38.70	1.30	6.30	11.30	16.30	21.30	26.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
48	Jan--12-20	50	50	47	45	50.00	0.00	0.00	0.00	5.00	10.00	15.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
49	Jan--13-20	61	60	58	57	56.20	0.00	0.00	0.00	0.00	3.80	8.80	6.20	1.20	0.00	0.00	0.00	0.00	0.00	0.00
50	Jan--14-20	55	51	52	57	56.50	0.00	0.00	0.00	0.00	3.50	8.50	6.50	1.50	0.00	0.00	0.00	0.00	0.00	0.00
51	Jan--15-20	58	55	53	50	61.50	0.00	0.00	0.00	0.00	0.00	3.50	11.50	6.50	1.50	0.00	0.00	0.00	0.00	0.00
52	Jan--16-20	36	34	35	38	40.20	0.00	4.80	9.80	14.80	19.80	24.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
53	Jan--17-20	47	50	49	51	41.80	0.00	3.20	8.20	13.20	18.20	23.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
54	Jan--18-20	42	40	39	37	47.70	0.00	0.00	2.30	7.30	12.30	17.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
55	Jan--19-20	43	39	37	35	39.50	0.50	5.50	10.50	15.50	20.50	25.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
56	Jan--20-20	46	44	44	44	44.00	0.00	1.00	6.00	11.00	16.00	21.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
57	Jan--21-20	49	46	45	45	48.10	0.00	0.00	1.90	6.90	11.90	16.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
58	Jan--22-20	56	53	53	50	53.50	0.00	0.00	0.00	1.50	6.50	11.50	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00
59	Jan--23-20	47	44	38	38	47.30	0.00	0.00	2.70	7.70	12.70	17.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
60	Jan--24-20	50	47	45	46	46.10	0.00	0.00	3.90	8.90	13.90	18.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00
61	Jan--25-20	59	57	56	54	53.70	0.00	0.00	0.00	1.30	6.30	11.30	3.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00
62	Jan--26-20	58	56	48	44	52.90	0.00	0.00	0.00	2.10	7.10	12.10	2.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00
63	Jan--27-20	60	59	68	62	58.10	0.00	0.00	0.00	0.00	1.90	6.90	8.10	3.10	0.00	0.00	0.00	0.00	0.00	0.00
64	Jan--28-20	44																		



**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

Line  
No

		Abilene Daily Actual Weather Calculation for July 2020																				
Line No	DATE	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	
1																						
2	Jul--01-20	81	80	81	80	79	78	79	80	82	84	86	88	88	91	94	97	98	97	94	85	84
3	Jul--02-20	78	76	73	74	71	69	69	73	76	83	85	85	84	85	89	92	92	91	91	91	90
4	Jul--03-20	80	77	76	76	76	76	74	77	80	83	87	89	92	93	95	95	95	96	96	94	94
5	Jul--04-20	78	77	76	74	73	74	75	77	81	85	89	92	95	98	98	99	97	97	97	94	94
6	Jul--05-20	82	78	78	78	78	79	78	79	80	81	81	82	86	86	88	89	90	90	90	89	89
7	Jul--06-20	73	69	70	70	72	69	70	72	76	78	79	83	85	86	87	89	85	83	85	84	84
8	Jul--07-20	76	72	73	73	74	74	73	73	77	79	84	87	89	90	90	93	90	89	79	80	80
9	Jul--08-20	72	71	71	71	73	73	73	75	80	83	86	89	92	94	94	97	96	96	96	93	93
10	Jul--09-20	84	84	82	81	80	78	77	78	81	84	87	89	92	95	97	98	99	98	97	94	94
11	Jul--10-20	85	83	82	79	77	75	75	77	80	85	88	90	92	95	96	97	98	98	96	94	94
12	Jul--11-20	82	80	80	78	78	80	80	81	84	87	90	94	96	98	99	101	101	101	100	99	99
13	Jul--12-20	81	83	83	82	81	81	80	80	82	85	88	91	93	96	98	101	99	101	102	99	99
14	Jul--13-20	86	83	80	78	81	80	79	82	85	90	92	97	98	102	107	107	105	108	105	102	102
15	Jul--14-20	90	89	88	87	85	85	84	84	84	89	91	95	99	101	105	106	107	106	106	103	103
16	Jul--15-20	90	87	86	84	83	82	81	82	83	84	86	90	94	96	98	101	102	102	100	98	98
17	Jul--16-20	82	81	80	79	79	79	78	79	85	88	90	93	96	98	101	100	102	102	101	98	98
18	Jul--17-20	84	81	78	78	78	77	77	78	85	87	90	93	94	97	99	100	100	100	98	96	96
19	Jul--18-20	81	79	77	78	78	77	76	77	80	83	87	89	91	93	95	96	97	96	95	93	93
20	Jul--19-20	81	80	80	79	78	77	76	77	80	83	86	88	90	92	94	92	93	95	94	93	93
21	Jul--20-20	81	80	80	78	78	75	74	77	79	82	86	90	91	94	94	96	95	94	95	93	93
22	Jul--21-20	82	80	79	77	76	75	75	77	80	84	86	90	92	94	93	96	96	96	93	90	90
23	Jul--22-20	81	79	78	77	76	75	74	76	80	85	87	90	88	91	77	77	83	85	85	85	85
24	Jul--23-20	77	75	74	75	75	75	75	78	81	84	87	89	88	93	92	94	87	90	91	92	92
25	Jul--24-20	83	81	80	78	77	76	75	77	81	85	88	90	92	95	95	95	95	96	95	93	93
26	Jul--25-20	81	80	77	76	75	74	74	76	79	83	86	87	91	91	90	91	93	93	92	90	90
27	Jul--26-20	77	76	75	74	73	72	72	73	75	77	81	84	89	89	91	92	92	92	91	90	90
28	Jul--27-20	78	76	76	75	74	73	72	73	77	81	86	89	92	93	94	95	97	95	94	94	94
29	Jul--28-20	83	82	82	82	81	80	79	79	80	85	87	91	91	94	80	74	75	75	77	77	77
30	Jul--29-20	77	77	76	77	78	78	78	78	78	79	79	79	82	81	85	89	93	93	94	91	91
31	Jul--30-20	83	82	82	79	78	77	76	77	79	82	85	88	92	93	95	97	98	98	98	94	94
32	Jul--31-20	80	77	75	76	75	74	74	74	73	73	75	79	80	84	86	89	90	90	90	89	89
33																						
34																						
35																						
		DAILY																				
Line No	DATE	HR21	HR22	HR23	HR24	AVG	HDD40	HDD45	HDD50	HDD55	HDD60	HDD65	CDD50	CDD55	CDD60	CDD65	CDD70	CDD75	CDD80	CDD85		
36	Jul--01-20	83	80	78	80	85.00	0.00	0.00	0.00	0.00	0.00	0.00	35.00	30.00	25.00	20.00	15.00	10.00	5.00	0.00		
37	Jul--02-20	87	84	83	81	81.70	0.00	0.00	0.00	0.00	0.00	0.00	31.70	26.70	21.70	16.70	11.70	6.70	1.70	0.00		
38	Jul--03-20	90	83	82	79	85.00	0.00	0.00	0.00	0.00	0.00	0.00	35.00	30.00	25.00	20.00	15.00	10.00	5.00	0.00		
39	Jul--04-20	93	87	82	82	86.30	0.00	0.00	0.00	0.00	0.00	0.00	36.30	31.30	26.30	21.30	16.30	11.30	6.30	1.30		
40	Jul--05-20	86	83	81	78	82.90	0.00	0.00	0.00	0.00	0.00	0.00	32.90	27.90	22.90	17.90	12.90	7.90	2.90	0.00		
41	Jul--06-20	80	78	77	76	78.20	0.00	0.00	0.00	0.00	0.00	0.00	28.20	23.20	18.20	13.20	8.20	3.20	0.00	0.00		
42	Jul--07-20	79	76	74	73	79.90	0.00	0.00	0.00	0.00	0.00	0.00	29.90	24.90	19.90	14.90	9.90	4.90	0.00	0.00		
43	Jul--08-20	87	84	84	83	83.90	0.00	0.00	0.00	0.00	0.00	0.00	33.90	28.90	23.90	18.90	13.90	8.90	3.90	0.00		
44	Jul--09-20	90	87	87	86	87.70	0.00	0.00	0.00	0.00	0.00	0.00	37.70	32.70	27.70	22.70	17.70	12.70	7.70	2.70		
45	Jul--10-20	91	87	84	84	87.00	0.00	0.00	0.00	0.00	0.00	0.00	37.00	32.00	27.00	22.00	17.00	12.00	7.00	2.00		
46	Jul--11-20	92	87	85	83	89.00	0.00	0.00	0.00	0.00	0.00	0.00	39.00	34.00	29.00	24.00	19.00	14.00	9.00	4.00		
47	Jul--12-20	94	87	87	87	89.20	0.00	0.00	0.00	0.00	0.00	0.00	39.20	34.20	29.20	24.20	19.20	14.20	9.20	4.20		
48	Jul--13-20	95	90	89	92	92.20	0.00	0.00	0.00	0.00	0.00	0.00	42.20	37.20	32.20	27.20	22.20	17.20	12.20	7.20		
49	Jul--14-20	96	90	93	92	94.00	0.00	0.00	0.00	0.00	0.00	0.00	44.00	39.00	34.00	29.00	24.00	19.00	14.00	9.00		
50	Jul--15-20	92	89	87	84	90.00	0.00	0.00	0.00	0.00	0.00	0.00	40.00	35.00	30.00	25.00	20.00	15.00	10.00	5.00		
51	Jul--16-20	92	87	85	86	89.20	0.00	0.00	0.00	0.00	0.00	0.00	39.20	34.20	29.20	24.20	19.20	14.20	9.20	4.20		
52	Jul--17-20	92	89	87	83	88.40	0.00	0.00	0.00	0.00	0.00	0.00	38.40	33.40	28.40	23.40	18.40	13.40	8.40	3.40		
53	Jul--18-20	89	85	83	82	85.70	0.00	0.00	0.00	0.00	0.00	0.00	35.70	30.70	25.70	20.70	15.70	10.70	5.70	0.70		
54	Jul--19-20	89	86	84	83	85.40	0.00	0.00	0.00	0.00	0.00	0.00	35.40	30.40	25.40	20.40	15.40	10.40	5.40	0.40		
55	Jul--20-20	91	87	86	84	85.80	0.00	0.00	0.00	0.00	0.00	0.00	35.80	30.80	25.80	20.80	15.80	10.80	5.80	0.80		
56	Jul--21-20	88	85	84	82	85.40	0.00	0.00	0.00	0.00	0.00	0.00	35.40	30.40	25.40	20.40	15.40	10.40	5.40	0.40		
57	Jul--22-20	83	82	80	78	81.30	0.00	0.00	0.00	0.00	0.00	0.00	31.30	26.30	21.30	16.30	11.30	6.30	1.30	0.00		
58	Jul--23-20	89	86	86	83	84.00	0.00	0.00	0.00	0.00	0.00	0.00	34.00	29.00	24.00	19.00	14.00	9.00	4.00	0.00		
59	Jul--24-20	89	86	83	83	86.20	0.00	0.00	0.00	0.00	0.00	0.00	36.20	31.20	26.20	21.20	16.20	11.20	6.20	1.20		
60	Jul--25-20	86	84	80	78	83.60	0.00	0.00	0.00	0.00	0.00	0.00	33.60	28.60	23.60	18.60	13.60	8.60	3.60	0.00		
61	Jul--26-20	88	85	82	80	82.10	0.00	0.00	0.00	0.00	0.00	0.00	32.10	27.10	22.10	17.10	12.10	7.10	2.10	0.00		
62	Jul--27-20	89	85	86	85	84.50	0.00	0.00	0.00	0.00	0.00	0.00	34.50	29.50	24.50	19.50	14.50	9.50	4.50	0.00		
63	Jul--28-20	77	77	77	77	80.90	0.00	0.00	0.00	0.00	0.00	0.00	30.90	25.90	20.90	15.90	10.90	5.90	0.90	0.00		
64	Jul--29-20	86	83	80	81	82.20	0.00	0.00	0.00	0.00	0.00	0.00	32.20	27.20	22.20	17.20	12.20	7.20	2.20	0.00		
65	Jul--30-20	92	89	87	84	86.90	0.00	0.00	0.00	0.00	0.00	0.00	36.90	31.90	26.90	21.90	16.90	11.90	6.90	1.90		
66	Jul--31-20	85	80	77	74	80.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	25.00	20.00	15.00						



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SPONSOR: D. E. NELSON

Line  
No

Abilene Daily Actual Weather Calculation for July 2021																					
1	DATE	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20
2	Jul-01-21	77	76	74	74	74	74	73	75	79	83	85	88	89	91	91	92	91	92	90	90
3	Jul-02-21	78	78	77	75	75	75	76	78	78	80	81	81	84	86	88	86	87	88	88	86
4	Jul-03-21	78	77	76	76	71	70	70	71	72	73	75	74	75	79	81	82	80	76	77	77
5	Jul-04-21	73	74	75	74	74	74	74	74	76	78	82	84	87	88	86	81	81	86	82	82
6	Jul-05-21	75	75	74	74	74	74	74	75	77	78	79	77	76	71	73	77	82	81	81	78
7	Jul-06-21	72	72	71	72	72	73	73	74	75	77	78	80	81	83	84	84	87	87	86	84
8	Jul-07-21	74	73	72	71	70	71	71	73	75	79	82	83	84	85	86	89	89	89	88	86
9	Jul-08-21	74	74	72	72	72	71	72	73	78	82	83	87	88	89	88	90	90	91	90	87
10	Jul-09-21	73	72	72	72	71	72	73	74	75	76	77	79	80	85	87	87	89	87	86	83
11	Jul-10-21	75	75	75	75	73	72	72	74	77	78	80	82	84	85	89	90	91	91	90	88
12	Jul-11-21	78	77	76	75	75	75	73	75	76	78	80	80	82	85	86	87	87	85	83	81
13	Jul-12-21	69	69	67	67	67	68	69	71	74	79	82	86	86	89	89	85	80	81	80	80
14	Jul-13-21	70	69	69	69	69	70	71	73	76	79	81	83	85	88	89	90	91	90	89	86
15	Jul-14-21	75	73	72	71	71	70	70	73	76	77	79	83	86	88	89	89	90	90	89	87
16	Jul-15-21	77	76	74	72	73	72	72	73	76	80	83	84	86	88	89	90	92	92	91	89
17	Jul-16-21	80	79	78	77	76	75	75	76	77	80	83	86	87	88	90	90	92	93	91	89
18	Jul-17-21	79	79	78	78	77	76	76	77	79	82	85	87	89	90	92	93	92	93	92	89
19	Jul-18-21	78	79	79	78	77	76	74	76	80	83	85	87	88	90	92	94	87	91	88	86
20	Jul-19-21	78	78	75	74	73	72	73	74	76	78	78	80	84	86	87	88	89	88	89	87
21	Jul-20-21	75	74	71	73	72	69	69	71	75	79	83	84	87	87	89	89	89	88	87	85
22	Jul-21-21	72	72	71	69	70	70	69	68	74	79	82	85	86	87	87	89	89	89	89	86
23	Jul-22-21	71	71	70	68	70	68	68	69	75	80	83	85	88	88	88	89	90	91	90	89
24	Jul-23-21	77	78	75	74	73	73	74	75	78	84	83	86	89	91	93	94	95	96	94	92
25	Jul-24-21	81	80	79	78	76	75	74	75	80	84	89	91	93	96	96	97	99	99	98	95
26	Jul-25-21	81	80	79	80	78	78	77	78	80	85	88	91	92	95	98	100	100	100	99	96
27	Jul-26-21	79	79	79	81	80	77	77	78	82	86	89	92	94	95	99	97	99	99	98	96
28	Jul-27-21	83	82	81	81	81	79	77	78	81	88	93	95	98	98	100	97	98	97	98	94
29	Jul-28-21	82	83	82	81	80	80	78	79	81	84	86	90	94	93	95	97	94	94	95	91
30	Jul-29-21	78	79	76	76	75	74	76	77	80	84	88	91	92	93	95	94	96	95	94	90
31	Jul-30-21	82	80	79	78	76	76	75	76	81	87	88	93	93	94	96	97	98	97	96	93
32	Jul-31-21	80	79	79	79	76	75	74	77	82	86	89	91	94	95	97	98	97	98	97	94

DAILY																				
36	DATE	HR21	HR22	HR23	HR24	AVG	HDD40	HDD45	HDD50	HDD55	HDD60	HDD65	CDD50	CDD55	CDD60	CDD65	CDD70	CDD75	CDD80	CDD85
37	Jul-01-21	87	84	81	80	82.90	0.00	0.00	0.00	0.00	0.00	0.00	32.90	27.90	22.90	17.90	12.90	7.90	2.90	0.00
38	Jul-02-21	83	81	80	79	80.60	0.00	0.00	0.00	0.00	0.00	0.00	30.60	25.60	20.60	15.60	10.60	5.60	0.60	0.00
39	Jul-03-21	77	76	74	74	75.40	0.00	0.00	0.00	0.00	0.00	0.00	25.40	20.40	15.40	10.40	5.40	0.40	0.00	0.00
40	Jul-04-21	79	77	76	75	78.80	0.00	0.00	0.00	0.00	0.00	0.00	28.80	23.80	18.80	13.80	8.80	3.80	0.00	0.00
41	Jul-05-21	76	76	75	73	76.00	0.00	0.00	0.00	0.00	0.00	0.00	26.00	21.00	16.00	11.00	6.00	1.00	0.00	0.00
42	Jul-06-21	80	78	76	75	78.10	0.00	0.00	0.00	0.00	0.00	0.00	28.10	23.10	18.10	13.10	8.10	3.10	0.00	0.00
43	Jul-07-21	84	81	78	77	79.60	0.00	0.00	0.00	0.00	0.00	0.00	29.60	24.60	19.60	14.60	9.60	4.60	0.00	0.00
44	Jul-08-21	82	79	78	75	80.70	0.00	0.00	0.00	0.00	0.00	0.00	30.70	25.70	20.70	15.70	10.70	5.70	0.70	0.00
45	Jul-09-21	80	77	77	76	78.30	0.00	0.00	0.00	0.00	0.00	0.00	28.30	23.30	18.30	13.30	8.30	3.30	0.00	0.00
46	Jul-10-21	85	83	81	79	81.00	0.00	0.00	0.00	0.00	0.00	0.00	31.00	26.00	21.00	16.00	11.00	6.00	1.00	0.00
47	Jul-11-21	79	77	73	71	78.90	0.00	0.00	0.00	0.00	0.00	0.00	28.90	23.90	18.90	13.90	8.90	3.90	0.00	0.00
48	Jul-12-21	78	73	72	71	76.30	0.00	0.00	0.00	0.00	0.00	0.00	26.30	21.30	16.30	11.30	6.30	1.30	0.00	0.00
49	Jul-13-21	81	80	78	77	79.30	0.00	0.00	0.00	0.00	0.00	0.00	29.30	24.30	19.30	14.30	9.30	4.30	0.00	0.00
50	Jul-14-21	84	80	80	78	80.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	25.00	20.00	15.00	10.00	5.00	0.00	0.00
51	Jul-15-21	85	82	81	80	81.50	0.00	0.00	0.00	0.00	0.00	0.00	31.50	26.50	21.50	16.50	11.50	6.50	1.50	0.00
52	Jul-16-21	84	82	80	79	82.80	0.00	0.00	0.00	0.00	0.00	0.00	32.80	27.80	22.80	17.80	12.80	7.80	2.80	0.00
53	Jul-17-21	85	82	79	78	83.60	0.00	0.00	0.00	0.00	0.00	0.00	33.60	28.60	23.60	18.60	13.60	8.60	3.60	0.00
54	Jul-18-21	83	82	79	78	82.90	0.00	0.00	0.00	0.00	0.00	0.00	32.90	27.90	22.90	17.90	12.90	7.90	2.90	0.00
55	Jul-19-21	83	81	79	78	80.30	0.00	0.00	0.00	0.00	0.00	0.00	30.30	25.30	20.30	15.30	10.30	5.30	0.30	0.00
56	Jul-20-21	81	79	76	74	79.40	0.00	0.00	0.00	0.00	0.00	0.00	29.40	24.40	19.40	14.40	9.40	4.40	0.00	0.00
57	Jul-21-21	82	78	77	74	78.90	0.00	0.00	0.00	0.00	0.00	0.00	28.90	23.90	18.90	13.90	8.90	3.90	0.00	0.00
58	Jul-22-21	85	81	80	78	79.80	0.00	0.00	0.00	0.00	0.00	0.00	29.80	24.80	19.80	14.80	9.80	4.80	0.00	0.00
59	Jul-23-21	87	86	84	82	83.90	0.00	0.00	0.00	0.00	0.00	0.00	33.90	28.90	23.90	18.90	13.90	8.90	3.90	0.00
60	Jul-24-21	87	83	84	83	86.30	0.00	0.00	0.00	0.00	0.00	0.00	36.30	31.30	26.30	21.30	16.30	11.30	6.30	1.30
61	Jul-25-21	91	87	84	83	87.50	0.00	0.00	0.00	0.00	0.00	0.00	37.50	32.50	27.50	22.50	17.50	12.50	7.50	2.50
62	Jul-26-21	91	88	85	83	87.60	0.00	0.00	0.00	0.00	0.00	0.00	37.60	32.60	27.60	22.60	17.60	12.60	7.60	2.60
63	Jul-27-21	91	88	86	84	88.70	0.00	0.00	0.00	0.00	0.00	0.00	38.70	33.70	28.70	23.70	18.70	13.70	8.70	3.70
64	Jul-28-21	87	83	83	79	86.30	0.00	0.00	0.00	0.00	0.00	0.00	36.30	31.30	26.30	21.30	16.30	11.30	6.30	1.30
65	Jul-29-21	87	85	83	83	85.00	0.00	0.00	0.00	0.00	0.00	0.00	35.00	30.00	25.00	20.00	15.00	10.00	5.00	0.00
66	Jul-30-21	88	84	82	82	86.30	0.00	0.00	0.00	0.00	0.00	0.00	36.30	31.30	26.30	21.30	16.30	11.30	6.30	1.30
67	Jul-31-21	90	86	85	83	86.70	0.00	0.00	0.00	0.00	0.00	0.00	36.70	31.70	26.70	21.70	16.70	11.70	6.70	1.70

JULY	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.0	983.4	828.4	673.4	518.4	363.4	208.4	74.6	14.4
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PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

Line  
No

Daily Actual Weather Calculation By Site for January 21, 2020																					
1	Station	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20
2	Abilene	43	42	42	45	45	44	42	43	44	45	48	51	53	56	57	55	55	54	53	52
3	Austin	45	40	45	41	39	39	42	40	40	46	51	56	60	61	61	62	61	59	58	57
4	Dallas-Ft. Worth	41	42	39	40	37	34	36	37	37	41	44	47	49	49	50	51	51	50	48	47
5	Killeen-Temple	38	41	42	39	38	40	39	42	39	45	48	52	55	56	59	58	59	57	55	55
6	Longview	36	33	32	33	31	31	33	32	32	33	36	40	43	44	46	47	47	45	44	43
7	Lufkin	36	34	34	33	33	33	33	33	34	38	42	45	48	51	52	52	50	49	47	44
8	Midland-Odessa	43	41	41	41	42	40	41	41	41	43	45	47	50	52	52	52	52	52	49	47
9	Sherman-Denison	39	33	33	32	30	31	31	32	32	32	36	39	41	41	45	45	45	45	43	41
10	Waco	35	34	33	33	30	30	33	34	33	39	47	51	55	57	59	59	58	58	56	53
11	Wichita Falls	37	36	35	34	33	31	31	31	31	33	37	42	47	50	51	53	53	51	48	47
12																					
13																					
14																					
15	Station	HR21	HR22	HR23	HR24	DAILY AVG	HDD40	HDD45	HDD50	HDD55	HDD60	HDD65	CDD50	CDD55	CDD60	CDD65	CDD70	CDD75	CDD80	CDD85	
16	Abilene	49	46	45	45	48.10	0.00	0.00	1.90	6.90	11.90	16.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	Austin	56	55	54	52	50.80	0.00	0.00	0.00	4.20	9.20	14.20	0.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	Dallas-Ft. Worth	46	46	44	43	43.70	0.00	1.30	6.30	11.30	16.30	21.30	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	Killeen-Temple	54	53	49	49	48.40	0.00	0.00	1.60	6.60	11.60	16.60	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	Longview	43	43	42	41	38.80	1.20	6.20	11.20	16.20	21.20	26.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	Lufkin	43	44	44	43	41.50	0.00	3.50	8.50	13.50	18.50	23.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	Midland-Odessa	47	47	47	47	45.80	0.00	0.00	4.20	9.20	14.20	19.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	Sherman-Denison	41	42	42	41	38.00	2.00	7.00	12.00	17.00	22.00	27.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	Waco	51	51	50	47	45.30	0.00	0.00	4.70	9.70	14.70	19.70	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	Wichita Falls	44	43	43	42	41.00	0.00	4.00	9.00	14.00	19.00	24.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

Line No	Station	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20
1		Daily Actual Weather Calculation By Site for July 20, 2020																			
2	Station	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20
3	Abilene	81	80	80	78	78	75	74	77	79	82	86	90	91	94	94	96	95	94	95	93
4	Austin	78	77	75	73	73	73	73	78	82	84	87	89	91	94	96	95	98	97	96	93
5	Dallas-Ft Worth	84	83	82	81	79	78	78	81	84	86	88	91	92	93	95	94	95	94	93	91
6	Killeen-Temple	82	81	79	79	77	75	75	78	82	85	88	89	91	94	96	97	97	96	95	93
7	Longview	78	79	77	75	75	73	73	80	84	87	88	88	91	91	92	91	81	79	82	81
8	Lufkin	78	76	75	75	74	74	75	79	83	84	86	88	88	89	86	85	81	81	81	80
9	Midland-Odessa	83	81	80	78	77	75	74	74	77	80	83	85	89	92	94	94	96	93	94	92
10	Sherman-Denison	82	81	80	78	79	78	77	79	84	86	90	90	91	91	93	93	93	95	95	91
11	Waco	84	82	80	79	78	77	75	81	83	85	88	89	93	92	94	96	95	95	93	91
12	Wichita Falls	78	79	79	77	76	76	76	77	82	86	91	93	94	94	94	95	95	95	94	90
13																					
14																					
15	Station	HR21	HR22	HR23	HR24	DAILY AVG	HDD40	HDD45	HDD50	HDD55	HDD60	HDD65	CDD50	CDD55	CDD60	CDD65	CDD70	CDD75	CDD80	CDD85	
16	Abilene	91	87	86	84	85.80	0.00	0.00	0.00	0.00	0.00	0.00	35.80	30.80	25.80	20.80	15.80	10.80	5.80	0.80	
17	Austin	89	86	83	82	85.10	0.00	0.00	0.00	0.00	0.00	0.00	35.10	30.10	25.10	20.10	15.10	10.10	5.10	0.10	
18	Dallas-Ft Worth	88	87	83	81	86.70	0.00	0.00	0.00	0.00	0.00	0.00	36.70	31.70	26.70	21.70	16.70	11.70	6.70	1.70	
19	Killeen-Temple	89	86	84	81	86.20	0.00	0.00	0.00	0.00	0.00	0.00	36.20	31.20	26.20	21.20	16.20	11.20	6.20	1.20	
20	Longview	77	77	76	75	81.30	0.00	0.00	0.00	0.00	0.00	0.00	31.30	26.30	21.30	16.30	11.30	6.30	1.30	0.00	
21	Lufkin	79	78	77	77	80.40	0.00	0.00	0.00	0.00	0.00	0.00	30.40	25.40	20.40	15.40	10.40	5.40	0.40	0.00	
22	Midland-Odessa	89	87	85	85	84.90	0.00	0.00	0.00	0.00	0.00	0.00	34.90	29.90	24.90	19.90	14.90	9.90	4.90	0.00	
23	Sherman-Denison	89	87	84	82	86.20	0.00	0.00	0.00	0.00	0.00	0.00	36.20	31.20	26.20	21.20	16.20	11.20	6.20	1.20	
24	Waco	87	84	82	81	86.00	0.00	0.00	0.00	0.00	0.00	0.00	36.00	31.00	26.00	21.00	16.00	11.00	6.00	1.00	
25	Wichita Falls	86	82	78	80	85.30	0.00	0.00	0.00	0.00	0.00	0.00	35.30	30.30	25.30	20.30	15.30	10.30	5.30	0.30	

PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

Line No		HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20
1		Daily Actual Weather Calculation By Site for January 14, 2021																			
2	Station	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20
3	Ablene	49	48	46	46	45	44	44	41	46	48	52	55	57	58	58	57	57	55	51	45
4	Austin	43	45	46	44	42	41	37	38	40	47	55	61	68	71	69	69	68	66	62	58
5	Dallas-Ft. Worth	47	44	43	42	42	42	39	36	40	49	52	58	62	62	64	62	61	59	55	51
6	Killeen-Temple	46	46	46	43	42	43	46	45	50	52	54	57	58	60	60	66	64	62	58	54
7	Longview	45	44	43	44	42	41	42	43	43	49	51	58	59	60	60	61	61	60	56	52
8	Lufkin	41	41	40	40	40	41	42	41	43	49	54	60	63	66	66	65	64	62	58	54
9	Midland-Odessa	45	44	43	45	45	46	48	48	47	47	47	49	50	52	54	54	53	51	48	43
10	Sherman-Denison	46	42	47	45	43	44	43	39	37	39	46	57	59	59	60	61	57	55	50	48
11	Waco	47	45	44	43	43	43	43	41	42	44	53	60	62	64	65	65	64	62	55	52
12	Wichita Falls	44	40	37	40	39	38	39	38	41	50	54	57	56	58	58	58	56	53	45	43
13																					
14																					
15	Station	HR21	HR22	HR23	HR24	DAILY AVG	HDD40	HDD45	HDD50	HDD55	HDD60	HDD65	CDD50	CDD55	CDD60	CDD65	CDD70	CDD75	CDD80	CDD85	
16	Ablene	42	43	35	33	48.10	0.00	0.00	1.90	6.90	11.90	16.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
17	Austin	57	55	51	50	53.50	0.00	0.00	0.00	1.50	6.50	11.50	3.50	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
18	Dallas-Ft. Worth	50	49	47	46	50.10	0.00	0.00	0.00	4.90	9.90	14.90	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
19	Killeen-Temple	51	48	49	45	51.90	0.00	0.00	0.00	3.10	8.10	13.10	1.90	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
20	Longview	51	48	46	44	50.10	0.00	0.00	0.00	4.90	9.90	14.90	0.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
21	Lufkin	47	51	51	48	51.10	0.00	0.00	0.00	3.90	8.90	13.90	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
22	Midland-Odessa	39	36	33	33	45.80	0.00	0.00	4.20	9.20	14.20	19.20	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
23	Sherman-Denison	45	42	40	38	47.60	0.00	0.00	2.40	7.40	12.40	17.40	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
24	Waco	51	48	46	44	51.10	0.00	0.00	0.00	3.90	8.90	13.90	1.10	0.00	0.00	0.00	0.00	0.00	0.00	0.00	
25	Wichita Falls	43	41	39	42	46.20	0.00	0.00	3.80	8.80	13.80	18.80	0.00	0.00	0.00	0.00	0.00	0.00	0.00	0.00	

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

Line No	Station	HR1	HR2	HR3	HR4	HR5	HR6	HR7	HR8	HR9	HR10	HR11	HR12	HR13	HR14	HR15	HR16	HR17	HR18	HR19	HR20	
1	<b>Daily Actual Weather Calculation By Site for July 14, 2021</b>																					
2	Abilene	75	73	72	71	71	70	70	73	76	77	79	83	86	88	89	89	90	90	89	87	
3	Austin	68	67	70	69	69	70	71	72	72	74	76	83	84	89	89	85	80	79	81	79	
4	Dallas-Ft. Worth	77	75	74	73	72	72	72	75	79	82	85	87	87	89	90	91	90	92	90	88	
5	Killeen-Temple	71	70	70	70	69	70	71	72	74	76	81	84	86	87	89	90	91	88	73	74	
6	Longview	72	72	70	70	69	69	70	73	77	81	83	87	88	89	90	91	90	89	89	75	
7	Lufkin	72	71	70	70	70	70	71	73	78	81	84	86	87	89	91	92	84	82	80	79	
8	Midland-Odessa	72	73	70	69	67	65	65	66	70	72	76	79	82	85	88	88	89	89	88	86	
9	Sherman-Denison	77	74	74	72	72	70	70	73	77	82	84	86	88	90	90	90	90	90	90	87	
10	Waco	73	71	71	71	71	71	71	74	77	81	84	87	89	90	91	91	90	89	77	74	
11	Wichita Falls	77	76	73	71	71	70	69	72	76	81	83	86	88	89	90	91	91	91	89	87	
12																						
13																						
14																						
15	Station	HR21	HR22	HR23	HR24	DAILY AVG	HDD40	HDD45	HDD50	HDD55	HDD60	HDD65	CDD50	CDD55	CDD60	CDD65	CDD70	CDD75	CDD80	CDD85		
16	Abilene	84	80	80	78	80.00	0.00	0.00	0.00	0.00	0.00	0.00	30.00	25.00	20.00	15.00	10.00	5.00	0.00	0.00		
17	Austin	77	75	74	74	76.10	0.00	0.00	0.00	0.00	0.00	0.00	26.10	21.10	16.10	11.10	6.10	1.10	0.00	0.00		
18	Dallas-Ft. Worth	81	76	76	76	81.20	0.00	0.00	0.00	0.00	0.00	0.00	31.20	26.20	21.20	16.20	11.20	6.20	1.20	0.00		
19	Killeen-Temple	74	74	74	74	77.20	0.00	0.00	0.00	0.00	0.00	0.00	27.20	22.20	17.20	12.20	7.20	2.20	0.00	0.00		
20	Longview	73	74	74	74	78.70	0.00	0.00	0.00	0.00	0.00	0.00	28.70	23.70	18.70	13.70	8.70	3.70	0.00	0.00		
21	Lufkin	78	77	76	76	78.60	0.00	0.00	0.00	0.00	0.00	0.00	28.60	23.60	18.60	13.60	8.60	3.60	0.00	0.00		
22	Midland-Odessa	83	79	76	77	77.30	0.00	0.00	0.00	0.00	0.00	0.00	27.30	22.30	17.30	12.30	7.30	2.30	0.00	0.00		
23	Sherman-Denison	85	83	81	78	81.40	0.00	0.00	0.00	0.00	0.00	0.00	31.40	26.40	21.40	16.40	11.40	6.40	1.40	0.00		
24	Waco	76	74	74	74	78.80	0.00	0.00	0.00	0.00	0.00	0.00	28.80	23.80	18.80	13.80	8.80	3.80	0.00	0.00		
25	Wichita Falls	84	82	80	80	81.10	0.00	0.00	0.00	0.00	0.00	0.00	31.10	26.10	21.10	16.10	11.10	6.10	1.10	0.00		

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**SIMPLE TWENTY YEAR AVERAGE CALCULATION FOR ABILENE**

Line No.		HDD40	HDD45	HDD50	HDD55	HDD60	HDD65	CDD50	CDD55	CDD60	CDD65	CDD70	CDD75
1	Year	January 21											
3	2001	38.92	1.08	6.08	11.08	16.08	21.08	26.08	0.00	0.00	0.00	0.00	0.00
4	2002	48.29	0.00	0.00	1.71	6.71	11.71	16.71	0.00	0.00	0.00	0.00	0.00
5	2003	49.63	0.00	0.00	0.38	5.38	10.38	15.38	0.00	0.00	0.00	0.00	0.00
6	2004	39.04	0.96	5.96	10.96	15.96	20.96	25.96	0.00	0.00	0.00	0.00	0.00
7	2005	58.17	0.00	0.00	0.00	0.00	1.83	6.83	8.17	3.17	0.00	0.00	0.00
8	2006	41.75	0.00	3.25	8.25	13.25	18.25	23.25	0.00	0.00	0.00	0.00	0.00
9	2007	43.96	0.00	1.04	6.04	11.04	16.04	21.04	0.00	0.00	0.00	0.00	0.00
10	2008	47.20	0.00	0.00	2.80	7.80	12.80	17.80	0.00	0.00	0.00	0.00	0.00
11	2009	53.50	0.00	0.00	0.00	1.50	6.50	11.50	3.50	0.00	0.00	0.00	0.00
12	2010	55.30	0.00	0.00	0.00	0.00	4.70	9.70	5.30	0.30	0.00	0.00	0.00
13	2011	34.80	5.20	10.20	15.20	20.20	25.20	30.20	0.00	0.00	0.00	0.00	0.00
14	2012	41.50	0.00	3.50	8.50	13.50	18.50	23.50	0.00	0.00	0.00	0.00	0.00
15	2013	40.00	0.00	5.00	10.00	15.00	20.00	25.00	0.00	0.00	0.00	0.00	0.00
16	2014	43.90	0.00	1.10	6.10	11.10	16.10	21.10	0.00	0.00	0.00	0.00	0.00
17	2015	42.50	0.00	2.50	7.50	12.50	17.50	22.50	0.00	0.00	0.00	0.00	0.00
18	2016	44.40	0.00	0.60	5.60	10.60	15.60	20.60	0.00	0.00	0.00	0.00	0.00
19	2017	54.00	0.00	0.00	0.00	1.00	6.00	11.00	4.00	0.00	0.00	0.00	0.00
20	2018	58.80	0.00	0.00	0.00	0.00	1.20	6.20	8.80	3.80	0.00	0.00	0.00
21	2019	53.80	0.00	0.00	0.00	1.20	6.20	11.20	3.80	0.00	0.00	0.00	0.00
22	2020	48.10	0.00	0.00	1.90	6.90	11.90	16.90	0.00	0.00	0.00	0.00	0.00
23	Average		0.36	1.96	4.80	8.49	13.12	18.12	1.68	0.36	0.00	0.00	0.00
24													
25	Year	July 20											
26	2001	89.21	0.00	0.00	0.00	0.00	0.00	39.21	34.21	29.21	24.21	19.21	14.21
27	2002	81.04	0.00	0.00	0.00	0.00	0.00	31.04	26.04	21.04	16.04	11.04	6.04
28	2003	85.50	0.00	0.00	0.00	0.00	0.00	35.50	30.50	25.50	20.50	15.50	10.50
29	2004	83.50	0.00	0.00	0.00	0.00	0.00	33.50	28.50	23.50	18.50	13.50	8.50
30	2005	83.13	0.00	0.00	0.00	0.00	0.00	33.13	28.13	23.13	18.13	13.13	8.13
31	2006	86.71	0.00	0.00	0.00	0.00	0.00	36.71	31.71	26.71	21.71	16.71	11.71
32	2007	75.46	0.00	0.00	0.00	0.00	0.00	25.46	20.46	15.46	10.46	5.46	0.46
33	2008	83.10	0.00	0.00	0.00	0.00	0.00	33.10	28.10	23.10	18.10	13.10	8.10
34	2009	78.40	0.00	0.00	0.00	0.00	0.00	28.40	23.40	18.40	13.40	8.40	3.40
35	2010	85.20	0.00	0.00	0.00	0.00	0.00	35.20	30.20	25.20	20.20	15.20	10.20
36	2011	88.60	0.00	0.00	0.00	0.00	0.00	38.60	33.60	28.60	23.60	18.60	13.60
37	2012	87.40	0.00	0.00	0.00	0.00	0.00	37.40	32.40	27.40	22.40	17.40	12.40
38	2013	81.70	0.00	0.00	0.00	0.00	0.00	31.70	26.70	21.70	16.70	11.70	6.70
39	2014	82.20	0.00	0.00	0.00	0.00	0.00	32.20	27.20	22.20	17.20	12.20	7.20
40	2015	86.30	0.00	0.00	0.00	0.00	0.00	36.30	31.30	26.30	21.30	16.30	11.30
41	2016	86.50	0.00	0.00	0.00	0.00	0.00	36.50	31.50	26.50	21.50	16.50	11.50
42	2017	86.00	0.00	0.00	0.00	0.00	0.00	36.00	31.00	26.00	21.00	16.00	11.00
43	2018	92.00	0.00	0.00	0.00	0.00	0.00	42.00	37.00	32.00	27.00	22.00	17.00
44	2019	87.50	0.00	0.00	0.00	0.00	0.00	37.50	32.50	27.50	22.50	17.50	12.50
45	2020	85.80	0.00	0.00	0.00	0.00	0.00	35.80	30.80	25.80	20.80	15.80	10.80
	Average		0.00	0.00	0.00	0.00	0.00	34.76	29.76	24.76	19.76	14.76	9.76



**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**SIMPLE TWENTY YEAR AVERAGE CALCULATION FOR ABILENE**

Line No.	Year	Month	HDD40	HDD45	HDD50	HDD55	HDD60	HDD65	CDD50	CDD55	CDD60	CDD65	CDD70	CDD75	CDD80
1	Year	January 14	HDD40	HDD45	HDD50	HDD55	HDD60	HDD65	CDD50	CDD55	CDD60	CDD65	CDD70	CDD75	CDD80
3	2001		44.92	0.00	0.08	5.08	10.08	15.08	20.08	0.00	0.00	0.00	0.00	0.00	0.00
4	2002		43.46	0.00	1.54	6.54	11.54	16.54	21.54	0.00	0.00	0.00	0.00	0.00	0.00
5	2003		44.83	0.00	0.17	5.17	10.17	15.17	20.17	0.00	0.00	0.00	0.00	0.00	0.00
6	2004		53.79	0.00	0.00	0.00	1.21	6.21	11.21	3.79	0.00	0.00	0.00	0.00	0.00
7	2005		41.83	0.00	3.17	8.17	13.17	18.17	23.17	0.00	0.00	0.00	0.00	0.00	0.00
8	2006		49.50	0.00	0.00	0.50	5.50	10.50	15.50	0.00	0.00	0.00	0.00	0.00	0.00
9	2007		26.96	13.04	18.04	23.04	28.04	33.04	38.04	0.00	0.00	0.00	0.00	0.00	0.00
10	2008		44.80	0.00	0.20	5.20	10.20	15.20	20.20	0.00	0.00	0.00	0.00	0.00	0.00
11	2009		44.30	0.00	0.70	5.70	10.70	15.70	20.70	0.00	0.00	0.00	0.00	0.00	0.00
12	2010		53.30	0.00	0.00	0.00	1.70	6.70	11.70	3.30	0.00	0.00	0.00	0.00	0.00
13	2011		43.10	0.00	1.90	6.90	11.90	16.90	21.90	0.00	0.00	0.00	0.00	0.00	0.00
14	2012		48.20	0.00	0.00	1.80	6.80	11.80	16.80	0.00	0.00	0.00	0.00	0.00	0.00
15	2013		29.50	10.50	15.50	20.50	25.50	30.50	35.50	0.00	0.00	0.00	0.00	0.00	0.00
16	2014		47.40	0.00	0.00	2.60	7.60	12.60	17.60	0.00	0.00	0.00	0.00	0.00	0.00
17	2015		32.80	7.20	12.20	17.20	22.20	27.20	32.20	0.00	0.00	0.00	0.00	0.00	0.00
18	2016		52.70	0.00	0.00	0.00	2.30	7.30	12.30	2.70	0.00	0.00	0.00	0.00	0.00
19	2017		33.00	7.00	12.00	17.00	22.00	27.00	32.00	0.00	0.00	0.00	0.00	0.00	0.00
20	2018		40.80	0.00	4.20	9.20	14.20	19.20	24.20	0.00	0.00	0.00	0.00	0.00	0.00
21	2019		38.60	1.40	6.40	11.40	16.40	21.40	26.40	0.00	0.00	0.00	0.00	0.00	0.00
22	2020		56.50	0.00	0.00	0.00	0.00	3.50	8.50	6.50	1.50	0.00	0.00	0.00	0.00
23		Average	1.96	3.81	7.30	11.56	16.49	21.49	0.81	0.08	0.00	0.00	0.00	0.00	0.00
24															
25	Year	July 14	HDD40	HDD45	HDD50	HDD55	HDD60	HDD65	CDD50	CDD55	CDD60	CDD65	CDD70	CDD75	CDD80
26	2001		83.46	0.00	0.00	0.00	0.00	0.00	33.46	28.46	23.46	18.46	13.46	8.46	3.46
27	2002		78.67	0.00	0.00	0.00	0.00	0.00	28.67	23.67	18.67	13.67	8.67	3.67	0.00
28	2003		86.08	0.00	0.00	0.00	0.00	0.00	36.08	31.08	26.08	21.08	16.08	11.08	6.08
29	2004		82.92	0.00	0.00	0.00	0.00	0.00	32.92	27.92	22.92	17.92	12.92	7.92	2.92
30	2005		82.50	0.00	0.00	0.00	0.00	0.00	32.50	27.50	22.50	17.50	12.50	7.50	2.50
31	2006		87.88	0.00	0.00	0.00	0.00	0.00	37.88	32.88	27.88	22.88	17.88	12.88	7.88
32	2007		76.25	0.00	0.00	0.00	0.00	0.00	26.25	21.25	16.25	11.25	6.25	1.25	0.00
33	2008		79.50	0.00	0.00	0.00	0.00	0.00	29.50	24.50	19.50	14.50	9.50	4.50	0.00
34	2009		89.40	0.00	0.00	0.00	0.00	0.00	39.40	34.40	29.40	24.40	19.40	14.40	9.40
35	2010		86.10	0.00	0.00	0.00	0.00	0.00	36.10	31.10	26.10	21.10	16.10	11.10	6.10
36	2011		91.00	0.00	0.00	0.00	0.00	0.00	41.00	36.00	31.00	26.00	21.00	16.00	11.00
37	2012		84.00	0.00	0.00	0.00	0.00	0.00	34.00	29.00	24.00	19.00	14.00	9.00	4.00
38	2013		80.50	0.00	0.00	0.00	0.00	0.00	30.50	25.50	20.50	15.50	10.50	5.50	0.50
39	2014		85.80	0.00	0.00	0.00	0.00	0.00	35.80	30.80	25.80	20.80	15.80	10.80	5.80
40	2015		83.40	0.00	0.00	0.00	0.00	0.00	33.40	28.40	23.40	18.40	13.40	8.40	3.40
41	2016		88.50	0.00	0.00	0.00	0.00	0.00	38.50	33.50	28.50	23.50	18.50	13.50	8.50
42	2017		82.80	0.00	0.00	0.00	0.00	0.00	32.80	27.80	22.80	17.80	12.80	7.80	2.80
43	2018		85.00	0.00	0.00	0.00	0.00	0.00	35.00	30.00	25.00	20.00	15.00	10.00	5.00
44	2019		82.50	0.00	0.00	0.00	0.00	0.00	32.50	27.50	22.50	17.50	12.50	7.50	2.50
45	2020		94.00	0.00	0.00	0.00	0.00	0.00	44.00	39.00	34.00	29.00	24.00	19.00	14.00
		Average	0.00	0.00	0.00	0.00	0.00	0.00	34.51	29.51	24.51	19.51	14.51	9.51	4.79

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**JANUARY MONTHLY NORMAL WEATHER SUMMATION FOR ABILENE**

Line No.	DATE	NHDD40	NHDD45	NHDD50	NHDD55	NHDD60	NHDD65	NCDD50	NCDD55	NCDD60	NCDD65	NCDD70	NCDD75	NCDD80	NCDD85
1															
2	1-Jan	4.83	7.67	10.78	14.73	18.98	23.46	2.33	1.28	0.53	0.01	0.00	0.00	0.00	0.00
3	2-Jan	5.19	8.63	12.13	15.63	19.83	24.36	2.78	1.28	0.48	0.01	0.00	0.00	0.00	0.00
4	3-Jan	2.08	4.30	7.75	11.75	15.75	20.00	2.79	1.79	0.79	0.04	0.00	0.00	0.00	0.00
5	4-Jan	1.84	3.89	6.78	11.05	15.99	20.99	0.79	0.06	0.00	0.00	0.00	0.00	0.00	0.00
6	5-Jan	2.38	4.52	8.27	12.52	17.27	22.21	1.06	0.32	0.06	0.00	0.00	0.00	0.00	0.00
7	6-Jan	3.40	5.20	8.78	13.03	17.58	22.44	1.34	0.59	0.14	0.00	0.00	0.00	0.00	0.00
8	7-Jan	2.55	4.57	7.97	11.95	16.20	20.97	2.01	0.98	0.23	0.00	0.00	0.00	0.00	0.00
9	8-Jan	1.71	2.95	5.72	9.58	14.35	19.35	1.37	0.23	0.00	0.00	0.00	0.00	0.00	0.00
10	9-Jan	1.28	2.84	5.70	9.20	13.29	18.08	2.62	1.12	0.20	0.00	0.00	0.00	0.00	0.00
11	10-Jan	1.54	3.50	6.07	9.57	13.49	18.09	3.03	1.52	0.44	0.04	0.00	0.00	0.00	0.00
12	11-Jan	1.11	3.01	5.75	9.40	13.58	18.13	2.62	1.27	0.45	0.00	0.00	0.00	0.00	0.00
13	12-Jan	1.55	3.49	6.51	10.28	14.44	19.21	2.30	1.06	0.22	0.00	0.00	0.00	0.00	0.00
14	13-Jan	2.73	5.32	8.70	13.01	17.93	22.93	0.76	0.07	0.00	0.00	0.00	0.00	0.00	0.00
15	14-Jan	1.96	3.81	7.30	11.56	16.49	21.49	0.81	0.08	0.00	0.00	0.00	0.00	0.00	0.00
16	15-Jan	2.15	3.99	7.15	11.10	15.61	20.54	1.61	0.56	0.08	0.00	0.00	0.00	0.00	0.00
17	16-Jan	2.63	4.90	8.22	12.17	16.63	21.49	1.73	0.68	0.14	0.00	0.00	0.00	0.00	0.00
18	17-Jan	3.33	6.01	9.85	14.48	19.48	24.48	0.37	0.00	0.00	0.00	0.00	0.00	0.00	0.00
19	18-Jan	1.70	3.87	7.20	11.40	16.10	21.10	1.11	0.30	0.01	0.00	0.00	0.00	0.00	0.00
20	19-Jan	1.25	2.87	4.95	8.25	12.71	17.71	2.24	0.54	0.00	0.00	0.00	0.00	0.00	0.00
21	20-Jan	0.71	2.15	4.46	7.42	11.64	16.57	2.88	0.84	0.07	0.00	0.00	0.00	0.00	0.00
22	21-Jan	0.36	1.96	4.80	8.49	13.12	18.12	1.68	0.36	0.00	0.00	0.00	0.00	0.00	0.00
23	22-Jan	1.41	2.86	5.41	9.07	13.17	17.78	2.63	1.29	0.39	0.00	0.00	0.00	0.00	0.00
24	23-Jan	2.22	4.60	7.90	11.87	16.14	20.81	2.09	1.06	0.33	0.00	0.00	0.00	0.00	0.00
25	24-Jan	2.07	3.85	7.08	10.92	15.37	20.07	2.02	0.85	0.31	0.00	0.00	0.00	0.00	0.00
26	25-Jan	0.34	2.15	5.62	9.72	14.38	19.37	1.26	0.35	0.01	0.00	0.00	0.00	0.00	0.00
27	26-Jan	0.55	1.93	4.23	7.84	12.65	17.65	1.58	0.19	0.00	0.00	0.00	0.00	0.00	0.00
28	27-Jan	1.80	3.44	6.02	9.17	13.46	18.29	2.73	0.88	0.17	0.00	0.00	0.00	0.00	0.00
29	28-Jan	2.08	3.55	6.07	9.40	13.14	17.54	3.71	2.04	0.77	0.18	0.00	0.00	0.00	0.00
30	29-Jan	1.39	3.32	6.18	9.58	13.76	18.39	2.90	1.29	0.48	0.10	0.00	0.00	0.00	0.00
31	30-Jan	1.05	2.85	6.36	10.64	15.37	20.28	1.08	0.36	0.09	0.00	0.00	0.00	0.00	0.00
32	31-Jan	0.82	2.60	4.85	8.06	12.02	16.96	2.89	1.10	0.06	0.00	0.00	0.00	0.00	0.00
	Month	59.99	120.60	214.57	332.82	469.92	618.86	61.09	24.34	6.44	0.38	0.00	0.00	0.00	0.00

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**JULY MONTHLY NORMAL WEATHER SUMMATION FOR ABILENE**

Line  
No.

1	DATE	NHDD40	NHDD45	NHDD50	NHDD55	NHDD60	NHDD65	NCDD50	NCDD55	NCDD60	NCDD65	NCDD70	NCDD75	NCDD80	NCDD85
2	1-Jul	0.00	0.00	0.00	0.00	0.00	0.00	30.80	25.80	20.80	15.80	10.80	5.80	1.63	0.26
3	2-Jul	0.00	0.00	0.00	0.00	0.00	0.00	30.33	25.33	20.33	15.33	10.33	5.52	1.87	0.15
4	3-Jul	0.00	0.00	0.00	0.00	0.00	0.00	31.74	26.74	21.74	16.74	11.74	6.92	2.98	0.64
5	4-Jul	0.00	0.00	0.00	0.00	0.00	0.00	32.67	27.67	22.67	17.67	12.67	7.77	3.36	0.81
6	5-Jul	0.00	0.00	0.00	0.00	0.00	0.00	31.11	26.11	21.11	16.11	11.11	6.18	2.41	0.30
7	6-Jul	0.00	0.00	0.00	0.00	0.00	0.00	31.77	26.77	21.77	16.77	11.77	6.95	2.90	0.59
8	7-Jul	0.00	0.00	0.00	0.00	0.00	0.00	31.30	26.30	21.30	16.30	11.30	6.41	2.39	0.70
9	8-Jul	0.00	0.00	0.00	0.00	0.00	0.00	32.14	27.14	22.14	17.14	12.14	7.21	3.27	0.87
10	9-Jul	0.00	0.00	0.00	0.00	0.00	0.00	33.42	28.42	23.42	18.42	13.42	8.42	3.88	1.20
11	10-Jul	0.00	0.00	0.00	0.00	0.00	0.00	33.65	28.65	23.65	18.65	13.65	8.65	3.91	1.14
12	11-Jul	0.00	0.00	0.00	0.00	0.00	0.00	34.46	29.46	24.46	19.46	14.46	9.46	4.46	1.16
13	12-Jul	0.00	0.00	0.00	0.00	0.00	0.00	34.67	29.67	24.67	19.67	14.67	9.67	4.71	1.41
14	13-Jul	0.00	0.00	0.00	0.00	0.00	0.00	34.87	29.87	24.87	19.87	14.87	9.87	5.20	1.78
15	14-Jul	0.00	0.00	0.00	0.00	0.00	0.00	34.51	29.51	24.51	19.51	14.51	9.51	4.79	1.44
16	15-Jul	0.00	0.00	0.00	0.00	0.00	0.00	33.21	28.21	23.21	18.21	13.42	8.67	4.23	1.31
17	16-Jul	0.00	0.00	0.00	0.00	0.00	0.00	32.84	27.84	22.84	17.84	12.84	7.97	3.91	1.20
18	17-Jul	0.00	0.00	0.00	0.00	0.00	0.00	33.59	28.59	23.59	18.59	13.59	8.74	4.41	1.04
19	18-Jul	0.00	0.00	0.00	0.00	0.00	0.00	33.79	28.79	23.79	18.79	13.79	8.94	4.57	1.18
20	19-Jul	0.00	0.00	0.00	0.00	0.00	0.00	34.53	29.53	24.53	19.53	14.53	9.53	4.88	1.19
21	20-Jul	0.00	0.00	0.00	0.00	0.00	0.00	34.76	29.76	24.76	19.76	14.76	9.76	5.07	1.34
22	21-Jul	0.00	0.00	0.00	0.00	0.00	0.00	35.16	30.16	25.16	20.16	15.16	10.16	5.32	1.44
23	22-Jul	0.00	0.00	0.00	0.00	0.00	0.00	35.17	30.17	25.17	20.17	15.17	10.17	5.44	1.57
24	23-Jul	0.00	0.00	0.00	0.00	0.00	0.00	33.92	28.92	23.92	18.92	13.92	9.01	4.40	0.99
25	24-Jul	0.00	0.00	0.00	0.00	0.00	0.00	33.84	28.84	23.84	18.84	13.84	8.84	4.42	0.88
26	25-Jul	0.00	0.00	0.00	0.00	0.00	0.00	33.73	28.73	23.73	18.73	13.88	9.13	4.76	1.11
27	26-Jul	0.00	0.00	0.00	0.00	0.00	0.00	33.50	28.50	23.50	18.50	13.52	8.85	4.63	1.00
28	27-Jul	0.00	0.00	0.00	0.00	0.00	0.00	32.85	27.85	22.85	17.85	12.90	8.41	4.39	1.14
29	28-Jul	0.00	0.00	0.00	0.00	0.00	0.00	33.10	28.10	23.10	18.10	13.12	8.42	4.08	1.08
30	29-Jul	0.00	0.00	0.00	0.00	0.00	0.00	33.46	28.46	23.46	18.46	13.46	8.46	4.26	1.28
31	30-Jul	0.00	0.00	0.00	0.00	0.00	0.00	33.66	28.66	23.66	18.66	13.66	8.66	4.42	1.19
32	31-Jul	0.00	0.00	0.00	0.00	0.00	0.00	33.88	28.88	23.88	18.88	13.88	8.91	4.54	1.47
	Month	0.00	0.00	0.00	0.00	0.00	0.00	1032.44	877.44	722.44	567.44	412.88	260.96	125.49	32.82

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**SPONSOR: D. E. NELSON**

1 Actual system-weighted and billing cycle adjusted degree days for the test-year are  
2 provided on Schedule II-H-5.2, pages 3-7. System weighting and billing cycle adjusting  
3 procedures are describing below with example calculations in Schedule II-H-5.2, pages  
4 8-27.

5

6 Step 1)

7 Daily actual degree days for multiple degree bases were calculated as described in  
8 Schedule II-H-5.1, pages 1-2 with example calculations in Schedule II-H-5.1, pages 17-  
9 24.

10

11 Step 2)

12 Daily actual degree days by site were weighted to system values as shown with  
13 example calculations in Schedule II-H-5.2, pages 8-11. Site weights were based on a  
14 three years average (2018-2020) sales share by site. Site weights are detailed in  
15 Schedule II-H-5.2, pages 30-34.

16

17 Step 3)

18 Daily normal heating and cooling degree days are the 31 day centered moving average  
19 of the simple 20 years (2001-2020) average. Example calculations are provided on  
20 Schedule II-H-5.2, pages 16-19.

21

22 Step 4)

23 Daily system weighted actual and normal heating and cooling degree days were  
24 adjusted for billing cycle as shown in Schedule II-H-5.2, pages 20-27.

25

26 Step 5)

27 After system weighting and billing cycle adjusting, degree days by base are spline  
28 weighted into class level variables. This process is detailed in Schedule II-H-5.2, pages  
29 28-29. Spline weights for Residential, Secondary Service Less Than or Equal to 10 kW,

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- 1 Secondary Service Greater Than 10 kW, Primary Service Greater Than 10 kW
- 2 Distribution, Primary Service Greater Than 10 kW Substation classes are provided in
- 3 Schedule II-H-5.2, page 35.

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
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**SPONSOR: D. E. NELSON**

**RESIDENTIAL  
SYSTEM WEIGHTED BILLING CYCLE ADJUSTED**

Line No.		(a)	(b)	(c)	(d)
		<b>Actual</b>		<b>Normal</b>	
		HDD	CDD	HDD	CDD
1					
2	Jan-21	198	0	222	2
3	Feb-21	235	0	221	1
4	Mar-21	312	3	160	5
5	Apr-21	25	16	55	23
6	May-21	15	42	12	76
7	Jun-21	1	141	1	215
8	Jul-21	0	352	0	383
9	Aug-21	0	386	0	445
10	Sep-21	0	385	0	384
11	Oct-21	0	218	2	205
12	Nov-21	16	70	27	57
13	Dec-21	59	8	120	10
14	Annual	862	1,622	820	1,806

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
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**SPONSOR: D. E. NELSON**

**SECONDARY SERVICE LESS THAN OR EQUAL TO 10 KW  
SYSTEM WEIGHTED BILLING CYCLE ADJUSTED**

Line No.		(a)	(b)	(c)	(d)
		<b>Actual</b>		<b>Normal</b>	
		HDD	CDD	HDD	CDD
1					
2	Jan-21	228	0	250	1
3	Feb-21	261	0	247	1
4	Mar-21	335	2	177	3
5	Apr-21	28	10	59	16
6	May-21	17	30	13	56
7	Jun-21	1	104	1	163
8	Jul-21	0	265	0	296
9	Aug-21	0	291	0	347
10	Sep-21	0	291	0	295
11	Oct-21	0	161	2	151
12	Nov-21	17	50	29	40
13	Dec-21	64	5	135	6
14	Annual	950	1,209	913	1,375

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
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**SPONSOR: D. E. NELSON**

**SECONDARY SERVICE GREATER THAN 10 KW  
SYSTEM WEIGHTED BILLING CYCLE ADJUSTED**

Line No.		(a)	(b)	(c)	(d)
		<b>Actual</b>		<b>Normal</b>	
		HDD	CDD	HDD	CDD
1					
2	Jan-21	135	1	162	6
3	Feb-21	172	1	164	5
4	Mar-21	265	10	112	15
5	Apr-21	7	42	30	51
6	May-21	4	84	5	131
7	Jun-21	0	215	0	298
8	Jul-21	0	454	0	484
9	Aug-21	0	486	0	543
10	Sep-21	0	483	0	479
11	Oct-21	0	305	1	283
12	Nov-21	6	120	13	98
13	Dec-21	24	24	77	24
14	Annual	611	2,223	564	2,417



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**SPONSOR: D. E. NELSON**

**PRIMARY SERVICE GREATER THAN 10 KW  
SYSTEM WEIGHTED BILLING CYCLE ADJUSTED**

Line No.		(a)	(b)	(c)	(d)
		<b>Actual</b>		<b>Normal</b>	
		HDD	CDD	HDD	CDD
1					
2	Jan-21	0	7	0	14
3	Feb-21	0	7	0	12
4	Mar-21	0	26	0	36
5	Apr-21	0	88	0	103
6	May-21	0	154	0	224
7	Jun-21	0	323	0	416
8	Jul-21	0	540	0	599
9	Aug-21	0	544	0	632
10	Sep-21	0	548	0	556
11	Oct-21	0	387	0	355
12	Nov-21	0	182	0	152
13	Dec-21	0	54	0	47
14	Annual	0	2,858	0	3,146

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**SPONSOR: D. E. NELSON**

**SUBSTATION  
SYSTEM WEIGHTED BILLING CYCLE ADJUSTED**

Line No.		(a)	(b)	(c)	(d)
		<b>Actual</b>		<b>Normal</b>	
		HDD	CDD	HDD	CDD
1					
2	Jan-21	0	95	0	146
3	Feb-21	0	100	0	137
4	Mar-21	0	252	0	325
5	Apr-21	0	690	0	766
6	May-21	0	1,056	0	1,451
7	Jun-21	0	1,964	0	2,444
8	Jul-21	0	3,048	0	3,325
9	Aug-21	0	3,027	0	3,386
10	Sep-21	0	3,070	0	3,041
11	Oct-21	0	2,262	0	2,079
12	Nov-21	0	1,185	0	1,016
13	Dec-21	0	492	0	395
14	Annual	0	17,240	0	18,509

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**RESIDENTIAL CLASS WEIGHTING FOR DAILY COOLING DEGREE DAYS FOR JULY 20, 2020**

Line  
No.

Cooling Degree Days by Station (a)													
Date	CDD	Abilene	Austin	Dallas- Ft. Worth	Killeen- Temple	Longview	Lufkin	Midland- Odessa	Sherman- Denison	Waco	Wichita Falls		
7/20/2020	Base65	20.80	20.10	21.70	21.20	16.30	15.40	19.90	21.20	21.00	20.30	a1	
7/20/2020	Base70	15.80	15.10	16.70	16.20	11.30	10.40	14.90	16.20	16.00	15.30	a2	
7/20/2020	Base75	10.80	10.10	11.70	11.20	6.30	5.40	9.90	11.20	11.00	10.30	a3	
7/20/2020	Base80	5.80	5.10	6.70	6.20	1.30	0.40	4.90	6.20	6.00	5.30	a4	
Weather Weights by Station (b)													
	CDD	1.20%	4.40%	70.50%	4.50%	3.50%	2.60%	5.60%	2.30%	3.60%	1.90%	b	
Residential Cooling Degree Days Contribution by Station (c = a*b)													
Date	CDD	Abilene	Austin	Dallas- Ft. Worth	Killeen- Temple	Longview	Lufkin	Midland- Odessa	Sherman- Denison	Waco	Wichita Falls	Residential Class	
7/20/2020	Base65	0.2	0.9	15.3	1.0	0.6	0.4	1.1	0.5	0.8	0.4	21.1	c1 = a1*b
7/20/2020	Base70	0.2	0.7	11.8	0.7	0.4	0.3	0.8	0.4	0.6	0.3	16.1	c2 = a2*b
7/20/2020	Base75	0.1	0.4	8.2	0.5	0.2	0.1	0.6	0.3	0.4	0.2	11.1	c3 = a3*b
7/20/2020	Base80	0.1	0.2	4.7	0.3	0.0	0.0	0.3	0.1	0.2	0.1	6.1	c4 = a4*b

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**RESIDENTIAL CLASS WEIGHTING FOR DAILY COOLING DEGREE DAYS FOR JULY 14, 2021**

Line  
No.

Cooling Degree Days by Station (a)												
Date	CDD	Abilene	Austin	Dallas-Ft. Worth	Kileen-Temple	Longview	Lufkin	Midland-Odessa	Sherman-Denison	Waco	Wichita Falls	
7/14/2021	Base65	15.00	11.10	16.20	12.20	13.70	13.60	12.30	16.40	13.80	16.10	a1
7/14/2021	Base70	10.00	6.10	11.20	7.20	8.70	8.60	7.30	11.40	8.60	11.10	a2
7/14/2021	Base75	5.00	1.10	6.20	2.20	3.70	3.60	2.30	6.40	3.80	6.10	a3
7/14/2021	Base80	0.00	0.00	1.20	0.00	0.00	0.00	0.00	1.40	0.00	1.10	a4

Weather Weights by Station (b)												
CDD	Abilene	Austin	Dallas-Ft. Worth	Kileen-Temple	Longview	Lufkin	Midland-Odessa	Sherman-Denison	Waco	Wichita Falls		
CDD	1.20%	4.40%	70.50%	4.50%	3.50%	2.60%	5.60%	2.30%	3.60%	1.90%	b	

Residential Cooling Degree Days Contribution by Station (c = a*b)													
Date	CDD	Abilene	Austin	Dallas-Ft. Worth	Kileen-Temple	Longview	Lufkin	Midland-Odessa	Sherman-Denison	Waco	Wichita Falls	Residential Class	
7/14/2021	Base65	0.2	0.5	11.4	0.5	0.5	0.4	0.7	0.4	0.5	0.3	15.3	c1 = a1*b
7/14/2021	Base70	0.1	0.3	7.9	0.3	0.3	0.2	0.4	0.3	0.3	0.2	10.3	c2 = a2*b
7/14/2021	Base75	0.1	0.0	4.4	0.1	0.1	0.1	0.1	0.1	0.1	0.1	5.3	c3 = a3*b
7/14/2021	Base80	0.0	0.0	0.8	0.0	0.0	0.0	0.0	0.0	0.0	0.0	0.9	c4 = a4*b

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**SPONSOR: D. E. NELSON**

**RESIDENTIAL CLASS WEIGHTING FOR DAILY HEATING DEGREE DAYS FOR JANUARY 21, 2020**

Line  
No.

Heating Degree Days by Station (a)													
Date	HDD	Abilene	Austin	Dallas- Ft. Worth	Killeen- Temple	Longview	Lufkin	Midland- Odessa	Sherman- Denison	Waco	Wichita Falls		
1/21/2020	Base40	0 00	0 00	0 00	0 00	1 20	0 00	0 00	2 00	0 00	0 00		a1
1/21/2020	Base45	0 00	0 00	1 30	0 00	6 20	3 50	0 00	7 00	0 00	4 00		a2
1/21/2020	Base55	6 90	4 20	11 30	6 60	16 20	13 50	9 20	17 00	9 70	14 00		a3
1/21/2020	Base60	11 90	9 20	16 30	11 60	21 20	18 50	14 20	22 00	14 70	19 00		a4
1/21/2020	Base65	16 90	14 20	21 30	16 60	26 20	23 50	19 20	27 00	19 70	24 00		a5
Weather Weights (b)													
	HDD	1 40%	3 60%	68 90%	5 10%	3 80%	2 90%	5 70%	2 70%	3 90%	2 00%		b
Residential Heating Degree Days Contribution by Station (c = a*b)													
Date	HDD	Abilene	Austin	Dallas- Ft. Worth	Killeen- Temple	Longview	Lufkin	Midland- Odessa	Sherman- Denison	Waco	Wichita Falls	Residential Class	
1/21/2020	Base40	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 1	0 0	0 0	0 1	c1 = a1*b
1/21/2020	Base45	0 0	0 0	0 9	0 0	0 2	0 1	0 0	0 2	0 0	0 1	1 5	c2 = a2*b
1/21/2020	Base55	0 1	0 2	7 8	0 3	0 6	0 4	0 5	0 5	0 4	0 3	11 0	c3 = a3*b
1/21/2020	Base60	0 2	0 3	11 2	0 6	0 8	0 5	0 8	0 6	0 6	0 4	16 0	c3 = a4*b
1/21/2020	Base65	0 2	0 5	14 7	0 8	1 0	0 7	1 1	0 7	0 8	0 5	21 0	c4 = a5*b

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**SPONSOR: D. E. NELSON**

**RESIDENTIAL CLASS WEIGHTING FOR DAILY HEATING DEGREE DAYS FOR JANUARY 14, 2021**

Line  
No.

Heating Degree Days by Station (a)													
Date	HDD	Abilene	Austin	Dallas-Ft. Worth	Killeen-Temple	Longview	Lufkin	Midland-Odessa	Sherman-Denison	Waco	Wichita Falls		
1/14/2021	Base40	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	a1	
1/14/2021	Base45	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	0 00	a2	
1/14/2021	Base55	6 90	1 50	4 90	3 10	4 90	3 90	9 20	7 40	3 90	8 80	a3	
1/14/2021	Base60	11 90	6 50	9 90	8 10	9 90	8 90	14 20	12 40	8 90	13 80	a4	
1/14/2021	Base65	16 90	11 50	14 90	13 10	14 90	13 90	19 20	17 40	13 90	18 80	a5	
Weather Weights (b)													
	HDD	1 40%	3 60%	68 90%	5 10%	3 80%	2 90%	5 70%	2 70%	3 90%	2 00%	b	
Residential Heating Degree Days Contribution by Station (c = a*b)													
Date	HDD	Abilene	Austin	Dallas-Ft. Worth	Killeen-Temple	Longview	Lufkin	Midland-Odessa	Sherman-Denison	Waco	Wichita Falls	Residential Class	
1/14/2021	Base40	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 00	c1 = a1*b
1/14/2021	Base45	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 0	0 00	c2 = a2*b
1/14/2021	Base55	0 1	0 1	3 4	0 2	0 2	0 1	0 5	0 2	0 2	0 2	5 04	c3 = a3*b
1/14/2021	Base60	0 2	0 2	6 8	0 4	0 4	0 3	0 8	0 3	0 3	0 3	10 04	c3 = a4*b
1/14/2021	Base65	0 2	0 4	10 3	0 7	0 6	0 4	1 1	0 5	0 5	0 4	15 04	c4 = a5*b

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RESIDENTIAL SIMPLE TWENTY YEAR AVERAGE CALCULATION FOR JANUARY 21ST

Line No	Year	Month	Day	HDD40	HDD45	HDD55	HDD60	HDD65	CDD65	CDD70	CDD75	CDD80
2	2001	1	21	1.51	6.42	16.42	21.42	26.42	0.00	0.00	0.00	0.00
3	2002	1	21	0.00	0.00	6.36	11.36	16.36	0.00	0.00	0.00	0.00
4	2003	1	21	0.00	0.08	3.07	6.94	11.39	0.07	0.00	0.00	0.00
5	2004	1	21	0.22	3.14	13.00	18.00	23.00	0.00	0.00	0.00	0.00
6	2005	1	21	0.00	0.00	0.28	1.13	6.10	0.00	0.00	0.00	0.00
7	2006	1	21	0.00	0.40	7.98	12.98	17.98	0.00	0.00	0.00	0.00
8	2007	1	21	0.01	0.70	10.40	15.40	20.40	0.00	0.00	0.00	0.00
9	2008	1	21	0.19	2.32	11.93	16.93	21.93	0.00	0.00	0.00	0.00
10	2009	1	21	0.00	0.17	5.06	10.06	15.06	0.00	0.00	0.00	0.00
11	2010	1	21	0.00	0.00	0.37	3.19	8.13	0.00	0.00	0.00	0.00
12	2011	1	21	7.71	12.71	22.71	27.71	32.71	0.00	0.00	0.00	0.00
13	2012	1	21	0.14	1.53	10.22	15.07	20.06	0.00	0.00	0.00	0.00
14	2013	1	21	0.08	0.64	8.52	13.50	18.50	0.00	0.00	0.00	0.00
15	2014	1	21	0.10	1.22	10.66	15.66	20.66	0.00	0.00	0.00	0.00
16	2015	1	21	0.00	0.23	5.58	10.50	15.50	0.00	0.00	0.00	0.00
17	2016	1	21	0.04	0.38	9.14	14.14	19.14	0.00	0.00	0.00	0.00
18	2017	1	21	0.00	0.00	0.15	2.05	6.84	0.00	0.00	0.00	0.00
19	2018	1	21	0.00	0.00	0.21	0.52	1.08	1.96	0.00	0.00	0.00
20	2019	1	21	0.00	0.16	8.07	13.07	18.07	0.00	0.00	0.00	0.00
21	2020	1	21	0.10	1.50	11.02	16.02	21.02	0.00	0.00	0.00	0.00
22	1/21			0.51	1.58	8.06	12.28	17.02	0.10	0.00	0.00	0.00

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SPONSOR: D. E. NELSON

RESIDENTIAL SIMPLE TWENTY YEAR AVERAGE CALCULATION FOR JULY 20TH

Line No	Year	Month	Day	HDD40	HDD45	HDD55	HDD60	HDD65	CDD65	CDD70	CDD75	CDD80
1												
2	2001	7	20	0.00	0.00	0.00	0.00	0.00	22.28	17.28	12.27	7.27
3	2002	7	20	0.00	0.00	0.00	0.00	0.00	18.92	13.91	8.91	3.90
4	2003	7	20	0.00	0.00	0.00	0.00	0.00	23.66	18.66	13.65	8.65
5	2004	7	20	0.00	0.00	0.00	0.00	0.00	18.97	13.96	8.96	4.01
6	2005	7	20	0.00	0.00	0.00	0.00	0.00	19.85	14.84	9.84	4.87
7	2006	7	20	0.00	0.00	0.00	0.00	0.00	25.74	20.74	15.73	10.73
8	2007	7	20	0.00	0.00	0.00	0.00	0.00	14.49	9.49	4.55	0.53
9	2008	7	20	0.00	0.00	0.00	0.00	0.00	23.82	18.82	13.81	8.81
10	2009	7	20	0.00	0.00	0.00	0.00	0.00	16.10	11.10	6.09	1.14
11	2010	7	20	0.00	0.00	0.00	0.00	0.00	21.20	16.20	11.19	6.19
12	2011	7	20	0.00	0.00	0.00	0.00	0.00	24.07	19.07	14.06	9.06
13	2012	7	20	0.00	0.00	0.00	0.00	0.00	23.22	18.21	13.21	8.20
14	2013	7	20	0.00	0.00	0.00	0.00	0.00	16.66	11.65	6.65	1.72
15	2014	7	20	0.00	0.00	0.00	0.00	0.00	14.44	9.44	4.43	0.55
16	2015	7	20	0.00	0.00	0.00	0.00	0.00	23.92	18.92	13.91	8.91
17	2016	7	20	0.00	0.00	0.00	0.00	0.00	23.17	18.17	13.16	8.16
18	2017	7	20	0.00	0.00	0.00	0.00	0.00	24.22	19.21	14.21	9.20
19	2018	7	20	0.00	0.00	0.00	0.00	0.00	29.10	24.09	19.09	14.08
20	2019	7	20	0.00	0.00	0.00	0.00	0.00	22.12	17.12	12.11	7.11
21	2020	7	20	0.00	0.00	0.00	0.00	0.00	21.10	16.10	11.09	6.09
22	7/20			0.00	0.00	0.00	0.00	0.00	21.35	16.35	11.35	6.46



PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

RESIDENTIAL SIMPLE TWENTY YEAR AVERAGE CALCULATION FOR JANUARY 14TH

Line No	Year	Month	Day	HDD40	HDD45	HDD55	HDD60	HDD65	CDD65	CDD70	CDD75	CDD80
1												
2	2001	1	14	0.00	0.26	9.43	14.43	19.43	0.00	0.00	0.00	0.00
3	2002	1	14	0.00	0.17	6.15	11.15	16.15	0.00	0.00	0.00	0.00
4	2003	1	14	0.05	1.28	11.26	16.26	21.26	0.00	0.00	0.00	0.00
5	2004	1	14	0.00	0.00	0.52	3.19	8.08	0.00	0.00	0.00	0.00
6	2005	1	14	0.08	3.44	13.42	18.42	23.42	0.00	0.00	0.00	0.00
7	2006	1	14	0.00	0.00	5.43	10.43	15.43	0.00	0.00	0.00	0.00
8	2007	1	14	7.11	11.90	21.74	26.74	31.74	0.00	0.00	0.00	0.00
9	2008	1	14	0.09	0.47	6.55	11.55	16.55	0.00	0.00	0.00	0.00
10	2009	1	14	0.00	1.05	11.05	16.05	21.05	0.00	0.00	0.00	0.00
11	2010	1	14	0.00	0.00	3.36	8.36	13.36	0.00	0.00	0.00	0.00
12	2011	1	14	0.18	4.60	14.60	19.60	24.60	0.00	0.00	0.00	0.00
13	2012	1	14	0.00	0.12	6.56	11.56	16.56	0.00	0.00	0.00	0.00
14	2013	1	14	4.95	9.93	19.93	24.93	29.93	0.00	0.00	0.00	0.00
15	2014	1	14	0.00	0.02	6.24	11.24	16.24	0.00	0.00	0.00	0.00
16	2015	1	14	2.42	7.42	17.42	22.42	27.42	0.00	0.00	0.00	0.00
17	2016	1	14	0.00	0.00	1.07	6.04	11.04	0.00	0.00	0.00	0.00
18	2017	1	14	0.48	3.61	12.68	17.35	22.01	0.07	0.00	0.00	0.00
19	2018	1	14	0.47	3.99	13.99	18.99	23.99	0.00	0.00	0.00	0.00
20	2019	1	14	1.58	6.41	16.41	21.41	26.41	0.00	0.00	0.00	0.00
21	2020	1	14	0.00	0.00	0.12	0.60	3.44	0.01	0.00	0.00	0.00
22	1/14			0.87	2.73	9.90	14.54	19.41	0.00	0.00	0.00	0.00

PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

RESIDENTIAL SIMPLE TWENTY YEAR AVERAGE CALCULATION FOR JULY 14TH

Line No	Year	Month	Day	HDD40	HDD45	HDD55	HDD60	HDD65	CDD65	CDD70	CDD75	CDD80
2	2001	7	14	0.00	0.00	0.00	0.00	0.00	20.58	15.57	10.57	5.65
3	2002	7	14	0.00	0.00	0.00	0.00	0.00	15.98	10.98	6.00	1.62
4	2003	7	14	0.00	0.00	0.00	0.00	0.00	22.29	17.29	12.28	7.28
5	2004	7	14	0.00	0.00	0.00	0.00	0.00	21.09	16.09	11.08	6.08
6	2005	7	14	0.00	0.00	0.00	0.00	0.00	18.44	13.44	8.43	3.55
7	2006	7	14	0.00	0.00	0.00	0.00	0.00	24.22	19.22	14.21	9.21
8	2007	7	14	0.00	0.00	0.00	0.00	0.00	15.38	10.38	5.38	1.09
9	2008	7	14	0.00	0.00	0.00	0.00	0.00	20.72	15.72	10.71	5.76
10	2009	7	14	0.00	0.00	0.00	0.00	0.00	26.98	21.97	16.97	11.96
11	2010	7	14	0.00	0.00	0.00	0.00	0.00	22.27	17.26	12.26	7.25
12	2011	7	14	0.00	0.00	0.00	0.00	0.00	27.33	22.32	17.32	12.31
13	2012	7	14	0.00	0.00	0.00	0.00	0.00	18.61	13.61	8.60	3.74
14	2013	7	14	0.00	0.00	0.00	0.00	0.00	10.16	5.16	1.32	0.57
15	2014	7	14	0.00	0.00	0.00	0.00	0.00	21.18	16.17	11.17	6.16
16	2015	7	14	0.00	0.00	0.00	0.00	0.00	22.51	17.50	12.50	7.49
17	2016	7	14	0.00	0.00	0.00	0.00	0.00	23.16	18.16	13.15	8.15
18	2017	7	14	0.00	0.00	0.00	0.00	0.00	22.54	17.53	12.53	7.58
19	2018	7	14	0.00	0.00	0.00	0.00	0.00	23.47	18.46	13.46	8.45
20	2019	7	14	0.00	0.00	0.00	0.00	0.00	15.53	10.52	5.52	0.81
21	2020	7	14	0.00	0.00	0.00	0.00	0.00	24.36	19.35	14.35	9.34
22	7/14			0.00	0.00	0.00	0.00	0.00	20.84	15.84	10.89	6.20

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**RESIDENTIAL SMOOTHED NORMAL CALCULATION FOR JANUARY 21ST**

Line No.		Residential Raw Normal Heating Degree Days					Residential Smoothed Normal Heating Degree Days				
		Base40	Base45	Base55	Base60	Base65	Base40	Base50	Base55	Base60	Base61
		c1	c2	c3	c4	c5	c1	c2	c3	c4	c5
1											
2											
3											
4	1/6/2020	2.7	4.3	11.3	15.9	20.6					
5	1/7/2020	2.2	4.2	10.5	14.7	19.3					
6	1/8/2020	1.8	2.9	8.8	13.3	18.0					
7	1/9/2020	1.3	2.4	8.0	12.1	16.7					
8	1/10/2020	1.6	3.3	9.1	13.2	17.5					
9	1/11/2020	1.1	2.8	8.8	12.9	17.4					
10	1/12/2020	1.3	3.0	9.1	13.1	17.4					
11	1/13/2020	1.6	3.9	11.3	16.1	21.1					
12	1/14/2020	0.9	2.7	9.9	14.5	19.4					
13	1/15/2020	1.2	2.6	9.3	13.7	18.5					
14	1/16/2020	2.3	4.0	10.1	14.4	19.0					
15	1/17/2020	2.5	4.4	11.3	15.9	20.9					
16	1/18/2020	1.3	3.5	10.1	15.0	20.0					
17	1/19/2020	0.9	2.4	8.4	12.8	17.6					
18	1/20/2020	1.1	2.7	7.8	11.4	16.0					
19	1/21/2020	0.5	1.6	8.1	12.3	17.0	1.3	2.8	9.0	13.2	17.9
20	1/22/2020	0.4	2.0	7.9	12.2	17.2					
21	1/23/2020	1.8	3.7	10.3	14.5	19.1					
22	1/24/2020	1.4	3.0	9.8	14.2	19.0					
23	1/25/2020	0.3	1.4	7.5	11.8	16.8					
24	1/26/2020	0.2	0.9	6.7	11.2	16.2					
25	1/27/2020	1.0	2.3	8.2	12.5	17.3					
26	1/28/2020	1.4	2.5	7.2	10.9	15.5					
27	1/29/2020	0.8	2.3	7.8	11.6	16.1					
28	1/30/2020	0.7	2.0	8.3	12.7	17.5					
29	1/31/2020	0.6	1.7	7.0	10.9	15.3					
30	2/1/2020	1.2	2.5	7.5	11.5	16.2					
31	2/2/2020	2.2	4.2	10.0	13.7	18.5					
32	2/3/2020	1.4	2.9	8.9	12.8	17.0					
33	2/4/2020	0.9	2.2	9.0	13.2	17.6					
34	2/5/2020	1.6	3.5	9.8	13.8	18.4					

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**RESIDENTIAL SMOOTHED NORMAL CALCULATION FOR JULY 20TH**

Line No.		Residential Raw Normal Cooling Degree Days				Residential Smoothed Normal cooling Degree		
		Base65	Base70	Base75	Base80	Base65	Base70	Base75
		c1	c2	c3	c4	c1	c2	c3
1								
2								
3								
4	7/5/2020	18.5	13.5	8.5	3.8			
5	7/6/2020	18.8	13.8	8.8	3.9			
6	7/7/2020	19.0	14.0	9.0	4.3			
7	7/8/2020	19.2	14.2	9.2	4.4			
8	7/9/2020	19.8	14.8	9.8	5.0			
9	7/10/2020	20.2	15.2	10.2	5.2			
10	7/11/2020	21.1	16.1	11.1	6.2			
11	7/12/2020	21.2	16.2	11.2	6.2			
12	7/13/2020	21.8	16.8	11.8	6.8			
13	7/14/2020	20.8	15.8	10.9	6.2			
14	7/15/2020	19.5	14.5	9.7	5.1			
15	7/16/2020	20.3	15.3	10.3	5.8			
16	7/17/2020	20.4	15.4	10.5	5.9			
17	7/18/2020	20.8	15.8	11.0	6.3			
18	7/19/2020	21.3	16.3	11.4	6.6			
19	7/20/2020	21.4	16.3	11.3	6.5	20.7	15.7	10.7
20	7/21/2020	22.1	17.1	12.1	7.2			
21	7/22/2020	22.3	17.3	12.3	7.3			
22	7/23/2020	21.3	16.3	11.3	6.4			
23	7/24/2020	20.7	15.7	10.7	5.8			
24	7/25/2020	20.8	15.8	10.9	6.2			
25	7/26/2020	20.6	15.6	10.6	6.0			
26	7/27/2020	19.9	14.9	9.9	5.4			
27	7/28/2020	20.3	15.3	10.4	5.7			
28	7/29/2020	20.7	15.7	10.7	6.0			
29	7/30/2020	20.9	15.9	10.9	6.0			
30	7/31/2020	20.8	15.8	10.8	6.1			
31	8/1/2020	21.4	16.4	11.5	6.8			
32	8/2/2020	21.8	16.8	11.8	7.1			
33	8/3/2020	22.2	17.2	12.1	7.2			
34	8/4/2020	22.5	17.5	12.5	7.5			

PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
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FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

RESIDENTIAL SMOOTHED NORMAL CALCULATION FOR JANUARY 20TH

Line No.	Residential Raw Normal Cooling Degree Days					Residential Smoothed Normal cooling Degree Days				
	Base40	Base45	Base55	Base60	Base65	Base40	Base45	Base55	Base60	Base65
	c1	c2	c3	c4	c5	c1	c2	c3	c4	c5
1										
2										
3										
4										
5	12/30/2020	0.9	2.4	8.6	12.7	17.3				
6	12/31/2020	1.4	3.1	9.6	14.1	18.8				
7	1/1/2021	2.5	5.0	12.0	16.2	20.6				
8	1/2/2021	3.3	6.3	13.3	17.2	21.4				
9	1/3/2021	1.9	4.1	11.4	15.4	19.6				
10	1/4/2021	1.1	2.7	9.7	14.2	18.9				
11	1/5/2021	1.9	3.8	11.0	15.7	20.5				
12	1/6/2021	2.7	4.3	11.3	15.9	20.6				
13	1/7/2021	2.2	4.2	10.5	14.7	19.3				
14	1/8/2021	1.8	2.9	8.8	13.3	18.0				
15	1/9/2021	1.3	2.4	8.0	12.1	16.7				
16	1/10/2021	1.6	3.3	9.1	13.2	17.5				
17	1/11/2021	1.1	2.8	8.8	12.9	17.4				
18	1/12/2021	1.3	3.0	9.1	13.1	17.4				
19	1/13/2021	1.6	3.9	11.3	16.1	21.1				
20	1/14/2021	0.9	2.7	9.9	14.5	19.4	1.4	3.1	9.5	13.7
21	1/15/2021	1.2	2.6	9.3	13.7	18.5				18.4
22	1/16/2021	2.3	4.0	10.1	14.4	19.0				
23	1/17/2021	2.5	4.4	11.3	15.9	20.9				
24	1/18/2021	1.3	3.5	10.1	15.0	20.0				
25	1/19/2021	0.9	2.4	8.4	12.8	17.6				
26	1/20/2021	1.1	2.7	7.8	11.4	16.0				
27	1/21/2021	0.5	1.6	8.1	12.3	17.0				
28	1/22/2021	0.4	2.0	7.9	12.2	17.2				
29	1/23/2021	1.8	3.7	10.3	14.5	19.1				
30	1/24/2021	1.4	3.0	9.8	14.2	19.0				
31	1/25/2021	0.3	1.4	7.5	11.8	16.8				
32	1/26/2021	0.2	0.9	6.7	11.2	16.2				
33	1/27/2021	1.0	2.3	8.2	12.5	17.3				
34	1/28/2021	1.4	2.5	7.2	10.9	15.5				
35	1/29/2021	0.8	2.3	7.8	11.6	16.1				

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
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**SPONSOR: D. E. NELSON**

**RESIDENTIAL SMOOTHED NORMAL CALCULATION FOR JULY 14TH**

Line  
No.

Line No.		Residential Raw Normal Cooling Degree Days				Residential Smoothed Normal cooling Degre		
		Base65	Base70	Base75	Base80	Base65	Base70	Base75
		c1	c2	c3	c4	c1	c2	c3
1								
2								
3								
4	6/29/2021	18.3	13.3	8.4	3.9			
5	6/30/2021	17.8	12.8	7.9	3.6			
6	7/1/2021	17.1	12.1	7.1	2.9			
7	7/2/2021	18.0	13.0	8.0	3.7			
8	7/3/2021	18.8	13.8	8.8	4.3			
9	7/4/2021	19.0	14.0	9.0	4.2			
10	7/5/2021	18.5	13.5	8.5	3.8			
11	7/6/2021	18.8	13.8	8.8	3.9			
12	7/7/2021	19.0	14.0	9.0	4.3			
13	7/8/2021	19.2	14.2	9.2	4.4			
14	7/9/2021	19.8	14.8	9.8	5.0			
15	7/10/2021	20.2	15.2	10.2	5.2			
16	7/11/2021	21.1	16.1	11.1	6.2			
17	7/12/2021	21.2	16.2	11.2	6.2			
18	7/13/2021	21.8	16.8	11.8	6.8			
19	7/14/2021	20.8	15.8	10.9	6.2	20.1	15.1	10.1
20	7/15/2021	19.5	14.5	9.7	5.1			
21	7/16/2021	20.3	15.3	10.3	5.8			
22	7/17/2021	20.4	15.4	10.5	5.9			
23	7/18/2021	20.8	15.8	11.0	6.3			
24	7/19/2021	21.3	16.3	11.4	6.6			
25	7/20/2021	21.4	16.3	11.3	6.5			
26	7/21/2021	22.1	17.1	12.1	7.2			
27	7/22/2021	22.3	17.3	12.3	7.3			
28	7/23/2021	21.3	16.3	11.3	6.4			
29	7/24/2021	20.7	15.7	10.7	5.8			
30	7/25/2021	20.8	15.8	10.9	6.2			
31	7/26/2021	20.6	15.6	10.6	6.0			
32	7/27/2021	19.9	14.9	9.9	5.4			
33	7/28/2021	20.3	15.3	10.4	5.7			
34	7/29/2021	20.7	15.7	10.7	6.0			

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**RESIDENTIAL FEBRUARY 2020 CYCLE 18 HEATING DEGREE DAYS**

Line

<u>No.</u>	<u>Billing</u>	<u>Read</u>	<u>Prior Month</u>										
	<u>Cycle</u>	<u>Day</u>	<u>Read Day</u>	Normal Heating Degree Days					Actual Heating Degree Days				
				Base40	Base45	Base55	Base60	Base65	Base40	Base45	Base55	Base60	Base65
				c1	c2	c3	c4	c5	c1	c2	c3	c4	c5
7	1/21/2020	1 3	2.8	9.0	13.2	17.9	0.1	1.5	11.0	16.0	21.0		
8	1/22/2020	1 3	2.8	8.9	13.1	17.8	0.1	3.0	12.0	17.0	22.0		
9	1/23/2020	1 2	2.8	8.9	13.1	17.7	0.0	0.0	6.3	11.3	16.3		
10	1/24/2020	1 2	2.7	8.8	13.0	17.7	0.0	0.1	7.4	12.4	17.4		
11	1/25/2020	1 2	2.7	8.9	13.0	17.7	0.0	0.0	2.9	7.9	12.9		
12	1/26/2020	1 2	2.8	8.9	13.1	17.7	0.0	0.0	0.3	4.4	9.3		
13	1/27/2020	1 2	2.8	8.9	13.1	17.8	0.0	0.0	3.6	8.4	13.4		
14	1/28/2020	1.2	2.8	8.9	13.1	17.8	0.0	0.0	3.6	8.5	13.5		
15	1/29/2020	1.2	2.7	8.8	13.0	17.6	0.0	3.0	12.6	17.6	22.6		
16	1/30/2020	1.2	2.7	8.7	12.8	17.4	0.1	2.9	12.7	17.7	22.7		
17	1/31/2020	1 2	2.7	8.6	12.6	17.2	0.0	0.3	8.4	13.4	18.4		
18	2/1/2020	1 1	2.6	8.5	12.5	17.2	0.0	0.0	5.6	10.6	15.6		
19	2/2/2020	1 1	2.5	8.3	12.4	16.9	0.0	0.0	0.0	0.6	4.9		
20	2/3/2020	1 0	2.4	8.2	12.1	16.7	0.0	0.0	0.0	0.0	3.1		
21	2/4/2020	1.0	2.4	8.1	12.0	16.5	0.1	0.4	4.3	8.6	13.1		
22	2/5/2020	1 0	2.3	7.9	11.8	16.3	4.9	9.6	19.6	24.6	29.6		
23	2/6/2020	1 0	2.3	7.8	11.6	16.1	4.1	9.1	19.1	24.1	29.1		
24	2/7/2020	1.0	2.3	7.7	11.6	16.0	0.0	0.2	9.4	14.4	19.4		
25	2/8/2020	0.9	2.2	7.6	11.4	15.8	0.0	0.0	3.1	8.1	13.1		
26	2/9/2020	0.9	2.2	7.4	11.2	15.6	0.0	0.0	0.0	0.0	2.6		
27	2/10/2020	1 0	2.2	7.4	11.2	15.6	0.0	0.3	8.6	13.2	18.0		
28	2/11/2020	1.0	2.3	7.4	11.2	15.6	0.3	3.3	13.1	18.1	23.1		
29	2/12/2020	1.0	2.2	7.4	11.1	15.5	0.0	1.2	10.8	15.8	20.8		
30	2/13/2020	1 0	2.2	7.4	11.1	15.4	0.6	5.1	15.0	20.0	25.0		
31	2/14/2020	1.0	2.2	7.1	10.8	15.0	2.1	6.9	16.9	21.9	26.9		
32	2/15/2020	1.0	2.1	7.0	10.6	14.8	0.0	0.0	4.7	9.7	14.7		
33	2/16/2020	1 0	2.2	7.0	10.6	14.8	0.0	0.0	0.2	0.4	3.8		
34	2/17/2020	1.0	2.2	7.0	10.6	14.8	0.0	0.0	0.1	0.2	0.6		
35	2/18/2020	0.9	2.1	6.9	10.4	14.6	0.0	0.0	1.0	5.1	9.8		
36	Total			31.1	71.2	233.3	347.3	477.3	12.5	47.0	212.1	329.8	462.6

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**RESIDENTIAL AUGUST 2020 CYCLE 17 COOLING DEGREE DAYS**

Line  
No.

Line No.	Billing Cycle	Read Day	Prior Month Read Day	Normal Cooling Degree Days				Actual Cooling Degree Days			
				Base65	Base70	Base75	Base80	Base65	Base70	Base75	Base80
				c1	c2	c3	c4	c1	c2	c3	c4
7	7/20/2020	20.7	15.7	10.7	6.0	21.1	16.1	11.1	6.1		
8	7/21/2020	20.9	15.9	10.9	6.1	17.7	12.7	7.6	2.7		
9	7/22/2020	21.0	16.0	11.0	6.2	19.5	14.5	9.5	4.5		
10	7/23/2020	21.1	16.1	11.1	6.3	21.4	16.4	11.4	6.4		
11	7/24/2020	21.2	16.2	11.2	6.4	21.8	16.8	11.8	6.8		
12	7/25/2020	21.3	16.3	11.3	6.5	18.7	13.7	8.7	3.7		
13	7/26/2020	21.4	16.4	11.4	6.6	18.7	13.7	8.7	3.8		
14	7/27/2020	21.4	16.4	11.4	6.6	18.0	13.0	8.0	3.0		
15	7/28/2020	21.3	16.3	11.4	6.6	14.5	9.5	4.5	0.7		
16	7/29/2020	21.3	16.3	11.3	6.6	18.6	13.6	8.6	3.6		
17	7/30/2020	21.2	16.2	11.3	6.5	21.0	16.0	11.0	6.0		
18	7/31/2020	21.3	16.3	11.3	6.5	16.6	11.6	6.6	1.7		
19	8/1/2020	21.3	16.3	11.3	6.5	16.8	11.8	6.8	1.8		
20	8/2/2020	21.2	16.2	11.2	6.5	18.6	13.6	8.6	3.7		
21	8/3/2020	21.2	16.2	11.2	6.5	17.6	12.6	7.6	2.7		
22	8/4/2020	21.1	16.1	11.2	6.4	18.1	13.1	8.1	3.1		
23	8/5/2020	21.1	16.1	11.1	6.4	17.8	12.8	7.8	3.1		
24	8/6/2020	21.0	16.0	11.0	6.3	20.6	15.6	10.6	5.5		
25	8/7/2020	20.9	15.9	11.0	6.3	22.6	17.6	12.6	7.6		
26	8/8/2020	20.9	15.9	11.0	6.3	22.5	17.5	12.5	7.5		
27	8/9/2020	21.0	16.0	11.0	6.3	23.0	18.0	12.9	7.9		
28	8/10/2020	21.0	16.0	11.0	6.3	23.3	18.3	13.3	8.3		
29	8/11/2020	20.9	15.9	11.0	6.2	24.0	19.0	14.0	9.0		
30	8/12/2020	20.9	15.9	10.9	6.2	25.3	20.3	15.3	10.3		
31	8/13/2020	20.8	15.8	10.8	6.1	25.8	20.8	15.8	10.8		
32	8/14/2020	20.7	15.7	10.8	6.1	26.6	21.6	16.6	11.6		
33	8/15/2020	20.6	15.6	10.7	6.0	26.0	21.0	16.0	10.9		
34	8/16/2020	20.6	15.6	10.6	5.9	22.6	17.6	12.5	7.5		
35	8/17/2020	20.5	15.4	10.5	5.8	17.5	12.4	7.4	2.5		
36	Total	609.8	464.7	320.5	183.0	596.0	450.9	305.8	162.9		



**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**RESIDENTIAL FEBRUARY 2021 CYCLE 16 HEATING DEGREE DAYS**

Line No.	Billing	Read	Prior Month												
	Cycle	Day	Read Day	Read Day	Normal Heating Degree Days					Actual Heating Degree Days					
					Base40	Base45	Base55	Base60	Base65	Base40	Base45	Base55	Base60	Base65	
					c1	c2	c3	c4	c5	c1	c2	c3	c4	c5	
1															
2															
3	Cycle 16	2/12/2021		1/14/2021											
4															
5															
6															
7	1/14/2021	1.4	3.1	9.5	13.7	18.4				0.0	0.0	5.0	10.0	15.0	
8	1/15/2021	1.4	3.1	9.4	13.7	18.4				0.2	0.7	9.3	14.3	19.3	
9	1/16/2021	1.4	3.0	9.4	13.6	18.3				0.0	0.6	10.1	15.1	20.1	
10	1/17/2021	1.4	3.0	9.2	13.5	18.2				0.0	0.4	7.6	12.6	17.6	
11	1/18/2021	1.3	2.9	9.1	13.4	18.1				0.0	0.0	4.1	9.0	14.0	
12	1/19/2021	1.3	2.9	9.0	13.3	18.0				0.0	0.1	2.8	7.4	12.4	
13	1/20/2021	1.3	2.8	9.0	13.3	17.9				0.0	0.4	9.0	13.9	18.9	
14	1/21/2021	1.3	2.8	9.0	13.2	17.9				0.0	0.0	4.3	9.1	14.1	
15	1/22/2021	1.3	2.8	8.9	13.1	17.8				0.0	0.0	4.8	9.4	14.4	
16	1/23/2021	1.2	2.8	8.9	13.1	17.7				0.0	0.0	5.0	9.9	14.9	
17	1/24/2021	1.2	2.7	8.8	13.0	17.7				0.0	0.0	0.4	4.3	8.8	
18	1/25/2021	1.2	2.7	8.9	13.0	17.7				0.0	0.0	0.4	1.0	4.9	
19	1/26/2021	1.2	2.8	8.9	13.1	17.7				0.1	0.3	7.9	12.8	17.8	
20	1/27/2021	1.2	2.8	8.9	13.1	17.8				0.2	2.3	11.3	16.3	21.3	
21	1/28/2021	1.2	2.8	8.9	13.1	17.8				1.6	6.2	16.2	21.2	26.2	
22	1/29/2021	1.2	2.7	8.8	13.0	17.6				0.0	0.0	6.2	11.2	16.2	
23	1/30/2021	1.2	2.7	8.7	12.8	17.4				0.0	0.0	0.0	0.4	3.3	
24	1/31/2021	1.2	2.7	8.6	12.6	17.2				0.0	0.0	6.2	11.1	16.1	
25	2/1/2021	1.1	2.6	8.5	12.5	17.2				0.0	0.1	9.4	14.4	19.4	
26	2/2/2021	1.1	2.5	8.3	12.4	16.9				0.0	0.0	4.6	9.5	14.5	
27	2/3/2021	1.0	2.4	8.2	12.1	16.7				0.0	0.0	0.3	4.0	8.8	
28	2/4/2021	1.0	2.4	8.1	12.0	16.5				0.0	0.0	0.1	2.1	6.5	
29	2/5/2021	1.0	2.3	7.9	11.8	16.3				0.0	0.0	7.9	12.9	17.9	
30	2/6/2021	1.0	2.3	7.8	11.6	16.1				0.0	0.1	6.8	11.7	16.7	
31	2/7/2021	1.0	2.3	7.7	11.6	16.0				0.0	0.4	8.8	13.8	18.8	
32	2/8/2021	0.9	2.2	7.6	11.4	15.8				0.1	0.2	3.5	7.8	12.8	
33	2/9/2021	0.9	2.2	7.4	11.2	15.6				5.6	9.8	19.0	23.8	28.8	
34	2/10/2021	1.0	2.2	7.4	11.2	15.6				9.1	13.9	23.7	28.7	33.7	
35	2/11/2021	1.0	2.3	7.4	11.2	15.6				12.8	17.8	27.8	32.8	37.8	
36	Total	33.8	76.9	248.1	366.6	499.7				29.6	53.2	222.3	350.5	491.0	

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
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**SPONSOR: D. E. NELSON**

**RESIDENTIAL AUGUST 2021 CYCLE 13 COOLING DEGREE DAYS**

Line No.	Billing Cycle	Read Day	Prior Month		Normal Cooling Degree Days				Actual Cooling Degree Days			
			Read Day	Read Day	Base65	Base70	Base75	Base80	Base65	Base70	Base75	Base80
					c1	c2	c3	c4	c1	c2	c3	c4
1												
2												
3	Cycle 13	8/12/2021		7/14/2021								
4												
5												
6												
7	7/14/2021	20.1	15.1	10.1	5.4	15.3	10.3	5.3	0.9			
8	7/15/2021	20.1	15.1	10.2	5.4	17.6	12.6	7.6	2.7			
9	7/16/2021	20.2	15.2	10.3	5.5	19.2	14.2	9.2	4.2			
10	7/17/2021	20.4	15.4	10.4	5.7	19.5	14.5	9.5	4.5			
11	7/18/2021	20.5	15.5	10.5	5.8	19.7	14.7	9.6	4.6			
12	7/19/2021	20.6	15.6	10.6	5.9	14.8	9.8	4.9	0.2			
13	7/20/2021	20.7	15.7	10.7	6.0	15.3	10.3	5.3	1.0			
14	7/21/2021	20.9	15.9	10.9	6.1	16.0	11.0	6.0	1.5			
15	7/22/2021	21.0	16.0	11.0	6.2	18.0	13.0	8.0	3.3			
16	7/23/2021	21.1	16.1	11.1	6.3	19.9	14.9	9.9	4.8			
17	7/24/2021	21.2	16.2	11.2	6.4	21.6	16.6	11.6	6.6			
18	7/25/2021	21.3	16.3	11.3	6.5	22.2	17.2	12.2	7.2			
19	7/26/2021	21.4	16.4	11.4	6.6	23.1	18.1	13.1	8.1			
20	7/27/2021	21.4	16.4	11.4	6.6	23.5	18.5	13.5	8.5			
21	7/28/2021	21.3	16.3	11.4	6.6	21.2	16.2	11.2	6.5			
22	7/29/2021	21.3	16.3	11.3	6.6	21.9	16.9	11.9	7.0			
23	7/30/2021	21.2	16.2	11.3	6.5	22.9	17.9	12.9	7.9			
24	7/31/2021	21.3	16.3	11.3	6.5	23.6	18.6	13.6	8.6			
25	8/1/2021	21.3	16.3	11.3	6.5	18.2	13.2	8.2	3.4			
26	8/2/2021	21.2	16.2	11.2	6.5	13.9	8.8	3.9	0.0			
27	8/3/2021	21.2	16.2	11.2	6.5	16.0	11.0	6.1	1.6			
28	8/4/2021	21.1	16.1	11.2	6.4	16.5	11.5	6.5	1.9			
29	8/5/2021	21.1	16.1	11.1	6.4	16.4	11.4	6.4	1.9			
30	8/6/2021	21.0	16.0	11.0	6.3	18.3	13.3	8.3	3.3			
31	8/7/2021	20.9	15.9	11.0	6.3	19.7	14.7	9.7	4.7			
32	8/8/2021	20.9	15.9	11.0	6.3	21.8	16.8	11.8	6.7			
33	8/9/2021	21.0	16.0	11.0	6.3	22.2	17.2	12.2	7.2			
34	8/10/2021	21.0	16.0	11.0	6.3	21.6	16.6	11.6	6.6			
35	8/11/2021	20.9	15.9	11.0	6.2	21.7	16.7	11.7	6.7			
36	Total	607.7	462.6	318.3	180.5	561.7	416.5	271.6	132.0			

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
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FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**RESIDENTIAL FEBRUARY 2020 BILLING MONTH HEATING DEGREE DAYS**

Line No.	Billing Cycle	Read Day	Cycle Start	Normal Heating Degree Days					Actual Heating Degree Days					
				Base 40	Base 45	Base 55	Base 60	Base 65	Base 40	Base 45	Base 55	Base 60	Base 65	
1														
3	1	1/27/2020	12/26/2019	42.8	94.9	295.9	431.3	579.8	3.2	20.9	172.5	300.3	443.4	
4	2	1/28/2020	12/27/2019	42.9	95.0	296.0	431.5	580.1	3.2	20.9	176.0	304.7	447.8	
5	3	1/29/2020	12/30/2019	40.5	89.6	278.3	405.4	545.0	3.2	20.6	172.6	300.5	435.7	
6	4	1/30/2020	12/31/2019	40.4	89.4	277.9	405.0	544.7	3.1	22.5	174.1	302.0	437.2	
7	5	1/31/2020	1/2/2020	38.9	86.3	268.1	390.9	526.0	3.2	23.8	169.3	292.2	422.4	
8	6	2/3/2020	1/3/2020	40.9	91.1	284.2	414.9	559.2	3.2	24.1	182.3	310.8	450.3	
9	7	2/4/2020	1/6/2020	37.6	84.1	263.8	385.7	520.7	3.2	24.1	167.7	281.6	409.0	
10	8	2/5/2020	1/7/2020	37.1	83.3	262.2	383.8	518.7	3.3	24.5	167.4	280.6	407.6	
11	9	2/6/2020	1/8/2020	36.7	82.4	260.4	381.7	516.3	8.2	34.0	180.6	293.8	420.8	
12	10	2/7/2020	1/9/2020	36.2	81.5	258.4	379.3	513.8	12.3	43.1	196.0	309.2	436.3	
13	11	2/10/2020	1/10/2020	37.6	84.9	271.5	399.5	542.6	12.3	43.3	208.5	331.6	469.4	
14	12	2/11/2020	1/11/2020	37.1	83.9	269.3	396.9	539.6	12.3	43.6	216.9	344.3	486.4	
15	13	2/12/2020	1/13/2020	35.3	80.0	257.6	380.4	518.2	9.8	37.1	201.0	323.4	460.5	
16	14	2/13/2020	1/14/2020	34.8	79.1	255.5	377.8	515.2	9.8	38.3	207.8	330.2	467.4	
17	15	2/14/2020	1/15/2020	34.4	78.2	253.5	375.1	512.2	10.4	43.4	222.7	349.7	489.0	
18	16	2/17/2020	1/16/2020	35.9	81.6	265.2	393.4	538.4	12.6	50.3	244.4	381.2	533.5	
19	17	2/18/2020	1/17/2020	35.5	80.7	262.8	390.3	534.9	12.6	49.9	240.0	372.5	520.4	
20	18	2/19/2020	1/21/2020	31.1	71.2	233.3	347.3	477.3	12.5	47.0	212.1	329.8	462.6	
21	19	2/20/2020	1/22/2020	30.7	70.4	231.1	344.4	473.8	12.4	45.9	211.1	328.9	461.7	
22	20	2/21/2020	1/23/2020	30.4	69.6	228.8	341.3	470.2	12.3	44.0	210.1	327.8	460.6	
23	21	2/24/2020	1/24/2020	31.6	72.3	238.1	356.5	493.0	13.2	49.5	227.6	355.1	497.8	
24														
25			<b>Billed Month Degree Days</b>	<b>36.6</b>	<b>82.4</b>	<b>262.5</b>	<b>386.3</b>	<b>524.8</b>	<b>8.4</b>	<b>35.7</b>	<b>198.1</b>	<b>321.4</b>	<b>458.1</b>	

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
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FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**RESIDENTIAL AUGUST 2020 BILLING MONTH COOLING DEGREE DAYS**

Line

Line No.	Billing Cycle	Read Day	Cycle Start	Normal Cooling Degree Days				Actual Cooling Degree Days				
				Base 65	Base 70	Base 75	Base 80	Base 65	Base 70	Base 75	Base 80	
1												
2												
3	1	7/27/2020	6/24/2020	651.8	486.7	322.8	168.9	661.1	495.9	330.7	167.7	
4	2	7/28/2020	6/25/2020	655.1	490.0	326.0	171.8	664.2	499.1	333.9	170.3	
5	3	7/29/2020	6/26/2020	658.2	493.1	329.1	174.6	663.0	497.8	332.6	170.0	
6	4	7/30/2020	6/29/2020	624.0	468.9	314.9	169.1	629.1	474.0	318.8	166.0	
7	5	7/31/2020	6/30/2020	626.6	471.5	317.4	171.4	630.0	474.8	319.7	166.9	
8	6	8/3/2020	7/1/2020	671.6	506.5	342.5	186.8	661.7	496.6	331.4	168.9	
9	7	8/4/2020	7/2/2020	673.9	508.8	344.8	188.9	658.4	493.3	328.1	165.7	
10	8	8/5/2020	7/7/2020	599.3	454.2	310.0	172.4	583.4	438.3	293.1	150.4	
11	9	8/6/2020	7/8/2020	600.8	455.8	311.6	173.9	586.1	441.0	295.8	152.9	
12	10	8/7/2020	7/9/2020	602.2	457.1	312.9	175.2	587.1	442.0	296.9	153.9	
13	11	8/10/2020	7/10/2020	645.3	490.3	336.1	188.9	633.3	478.2	323.1	170.1	
14	12	8/11/2020	7/13/2020	606.7	461.7	317.4	179.6	589.3	444.2	299.1	156.1	
15	13	8/12/2020	7/14/2020	607.7	462.6	318.3	180.5	587.4	442.2	297.1	154.2	
16	14	8/13/2020	7/15/2020	608.5	463.4	319.1	181.3	588.3	443.2	298.0	155.1	
17	15	8/14/2020	7/16/2020	609.2	464.1	319.8	182.0	591.5	446.3	301.2	158.3	
18	16	8/17/2020	7/17/2020	650.9	495.8	341.6	194.4	643.6	488.5	333.3	180.4	
19	17	8/18/2020	7/20/2020	609.8	464.7	320.5	183.0	596.0	450.9	305.8	162.9	
20	18	8/19/2020	7/21/2020	609.4	464.3	320.1	182.7	594.2	449.1	303.9	161.0	
21	19	8/20/2020	7/22/2020	608.7	463.6	319.3	182.2	592.6	447.4	302.3	159.5	
22	20	8/21/2020	7/23/2020	607.6	462.5	318.3	181.4	589.3	444.2	299.1	156.4	
23	21	8/24/2020	7/24/2020	644.9	489.8	335.7	190.2	622.5	467.4	312.2	159.7	
24												
25			Billed Month Degree Days	627.2	475.0	323.7	179.9	616.8	464.5	312.2	162.2	

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**RESIDENTIAL FEBRUARY 2021 BILLING MONTH HEATING DEGREE DAYS**

Line No.	Billing Cycle	Read Day	Cycle Start	Normal Heating Degree Days					Actual Heating Degree Days				
				Base 40	Base 45	Base 55	Base 60	Base 65	Base 40	Base 45	Base 55	Base 60	Base 65
3	1	1/23/2021	12/22/2020	42.7	94.5	295.8	431.2	579.5	14.8	55.3	257.0	402.8	560.6
4	2	1/25/2021	12/23/2020	43.9	97.4	304.6	444.2	597.3	14.8	55.3	262.0	412.9	575.2
5	3	1/26/2021	12/28/2020	39.3	86.8	269.4	392.4	527.1	14.5	51.1	235.2	367.1	508.8
6	4	1/27/2021	12/29/2020	39.3	86.8	269.4	392.4	527.2	14.6	51.4	240.8	373.0	514.9
7	5	1/28/2021	12/30/2020	39.3	86.8	269.3	392.3	527.2	14.7	53.7	252.1	389.3	532.4
8	6	1/29/2021	12/31/2020	39.2	86.7	269.1	392.1	527.0	16.3	59.5	262.2	399.9	543.2
9	7	2/1/2021	1/4/2021	37.3	82.8	257.9	376.3	506.8	11.6	43.5	222.6	350.5	486.8
10	8	2/2/2021	1/5/2021	37.0	82.3	256.9	375.1	505.5	11.6	43.6	227.4	355.3	491.6
11	9	2/3/2021	1/6/2021	36.5	81.6	255.6	373.6	504.0	11.6	43.7	227.7	355.7	492.0
12	10	2/4/2021	1/7/2021	36.1	80.9	254.1	371.8	502.2	11.6	43.6	225.9	352.9	489.0
13	11	2/5/2021	1/8/2021	35.7	80.1	252.5	369.9	500.1	11.6	43.1	216.6	340.7	476.2
14	12	2/8/2021	1/9/2021	37.2	83.7	266.2	390.9	529.8	11.1	40.7	227.3	361.3	506.8
15	13	2/9/2021	1/11/2021	35.2	79.5	254.4	374.5	508.5	5.5	25.2	195.0	323.3	463.9
16	14	2/10/2021	1/12/2021	34.7	78.6	252.3	371.9	505.6	8.7	27.6	196.7	324.8	465.3
17	15	2/11/2021	1/13/2021	34.3	77.7	250.2	369.2	502.6	16.9	35.6	204.4	332.5	473.1
18	16	2/12/2021	1/14/2021	33.8	76.9	248.1	366.6	499.7	29.6	53.2	222.3	350.5	491.0
19	17	2/16/2021	1/15/2021	36.4	82.7	268.0	397.0	542.6	113.8	157.4	361.5	504.6	680.2
20	18	2/17/2021	1/19/2021	31.9	72.9	238.1	353.7	484.8	142.0	189.1	373.7	502.0	642.5
21	19	2/18/2021	1/20/2021	31.6	72.3	236.3	351.2	481.9	158.6	210.6	402.5	531.1	671.7
22	20	2/19/2021	1/21/2021	31.3	71.5	234.3	348.6	478.7	173.3	230.0	423.3	551.9	692.5
23	21	2/22/2021	1/22/2021	32.7	74.7	245.2	365.8	503.7	186.9	253.3	463.3	602.0	752.6
24													
25			<b>Billed Month Degree Days</b>	<b>36.4</b>	<b>81.8</b>	<b>259.4</b>	<b>381.0</b>	<b>516.3</b>	<b>47.3</b>	<b>84.1</b>	<b>271.4</b>	<b>404.0</b>	<b>547.2</b>

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**RESIDENTIAL AUGUST 2021 BILLING MONTH COOLING DEGREE DAYS**

Line No.	Billing Cycle	Read Day	Cycle Start	Normal Cooling Degree Days				Actual Cooling Degree Days					
				Base 65	Base 70	Base 75	Base 80	Base 65	Base 70	Base 75	Base 80		
1													
2													
3	1	7/27/2021	6/24/2021	651.8	486.7	322.8	168.9	579.6	414.6	250.3	98.4		
4	2	7/28/2021	6/25/2021	655.1	490.0	326.0	171.8	581.3	416.2	252.0	100.1		
5	3	7/29/2021	6/28/2021	621.3	466.3	312.2	166.7	542.9	387.7	233.2	91.0		
6	4	7/30/2021	6/29/2021	624.0	468.9	314.9	169.1	552.4	397.3	242.5	98.0		
7	5	8/2/2021	6/30/2021	669.1	504.0	340.0	184.5	603.1	438.0	273.1	117.9		
8	6	8/3/2021	7/1/2021	671.6	506.5	342.5	186.8	600.6	435.4	270.6	116.2		
9	7	8/4/2021	7/6/2021	597.5	452.5	308.3	170.8	536.4	391.3	246.5	110.1		
10	8	8/5/2021	7/7/2021	599.3	454.2	310.0	172.4	536.8	391.6	246.9	110.4		
11	9	8/6/2021	7/8/2021	600.8	455.8	311.6	173.9	536.0	390.8	246.1	109.5		
12	10	8/9/2021	7/9/2021	644.1	489.0	334.8	187.7	577.2	422.0	267.2	120.5		
13	11	8/10/2021	7/12/2021	605.7	460.6	316.4	178.6	549.0	403.8	259.1	121.1		
14	12	8/11/2021	7/13/2021	606.7	461.7	317.4	179.6	556.2	411.0	266.1	127.1		
15	13	8/12/2021	7/14/2021	607.7	462.6	318.3	180.5	561.7	416.5	271.6	132.0		
16	14	8/13/2021	7/15/2021	608.5	463.4	319.1	181.3	568.2	423.1	278.2	137.9		
17	15	8/16/2021	7/16/2021	650.5	495.5	341.2	194.0	601.6	446.4	291.7	142.6		
18	16	8/17/2021	7/19/2021	610.0	464.9	320.6	183.0	560.1	415.0	270.3	131.5		
19	17	8/18/2021	7/20/2021	609.8	464.7	320.5	183.0	558.9	413.8	269.2	131.5		
20	18	8/19/2021	7/21/2021	609.4	464.3	320.1	182.7	555.3	410.2	265.6	130.7		
21	19	8/20/2021	7/22/2021	608.7	463.6	319.3	182.2	558.2	413.1	268.5	133.3		
22	20	8/23/2021	7/23/2021	646.8	491.7	337.5	191.6	603.0	447.8	293.3	147.8		
23	21	8/24/2021	7/26/2021	602.4	457.3	313.2	177.3	560.1	415.0	270.4	134.9		
24													
25			<b>Billed Month Degree Days</b>	<b>623.8</b>	<b>472.6</b>	<b>322.2</b>	<b>179.3</b>	<b>565.6</b>	<b>414.3</b>	<b>263.4</b>	<b>121.1</b>		

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**RESIDENTIAL SPLINE WEIGHTING**

Line  
No.

1 **Feb-20**

2 Residential Heating Degree Days

	<u>Base</u>	<u>Actual</u>	<u>Normal</u>	<u>Spline Weight</u>	<u>Actual Contribution</u>	<u>Normal Contribution</u>
3						
4	Base40	8.4020	36.5900	22.8%	1.9	8.4
5	Base45	35.7499	82.3609	16.3%	5.8	13.4
6	Base55	198.1308	262.4743	35.1%	69.5	92.0
	Base60	321.4389	386.3108	18.3%	58.7	70.6
7	Base65	458.0866	524.7519	7.6%	34.6	39.6
8	Residential February 2020 Heating Degree Days				170.55	224.02

9

10 **Aug-20**

11 Residential Cooling Degree Days

	<u>Base</u>	<u>Actual</u>	<u>Normal</u>	<u>Spline Weight</u>	<u>Actual Contribution</u>	<u>Normal Contribution</u>
12						
13	Base65	616.77	627.24	26.2%	161.4	164.2
14	Base70	464.48	475.02	37.1%	172.5	176.4
	Base75	312.20	323.72	28.0%	87.3	90.6
15	Base80	162.21	179.95	8.7%	14.1	15.7
16	Residential August 2020 Cooling Degree Days				435.42	446.84

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**RESIDENTIAL SPLINE WEIGHTING**

Line  
No.

Line No.	<b>Feb-21</b>					
1	<b>Feb-21</b>					
2	Residential Heating Degree Days					
3	<u>Base</u>	<u>Actual</u>	<u>Normal</u>	<u>Spline Weight</u>	<u>Actual Contribution</u>	<u>Normal Contribution</u>
4	Base40	47.3419	36.4458	22.8%	10.8	8.3
5	Base45	84.1273	81.7800	16.3%	13.7	13.3
6	Base55	271.4015	259.4226	35.1%	95.2	91.0
	Base60	404.0008	380.9755	18.3%	73.8	69.6
7	Base65	547.1589	516.2768	7.6%	41.3	39.0
8	Residential February 2021 Heating Degree Days				234.82	221.21
9						
10	<b>Aug-21</b>					
11	Residential Cooling Degree Days					
12	<u>Base</u>	<u>Actual</u>	<u>Normal</u>	<u>Spline Weight</u>	<u>Actual Contribution</u>	<u>Normal Contribution</u>
13	Base65	565.65	623.84	26.2%	148.0	163.3
14	Base70	414.32	472.57	37.1%	153.9	175.5
	Base75	263.44	322.22	28.0%	73.7	90.1
15	Base80	121.07	179.34	8.7%	10.5	15.6
16	Residential August 2021 Cooling Degree Days				386.18	444.57



PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

WEATHER WEIGHTS  
RESIDENTIAL MONTHLY WEIGHTS

Line No	(a) Weather Station	(b) Jan	(c) Feb	(d) Mar	(e) Apr	(f) May	(g) Jun	(h) Jul	(i) Aug	(j) Sep	(k) Oct	(l) Nov	(m) Dec	(n) Annual
1	Dallas-Fort Worth	68.7%	68.9%	69.2%	69.2%	69.6%	70.3%	71.0%	70.8%	70.6%	70.7%	69.1%	68.4%	69.9%
2	Midland-Odessa	5.7%	5.6%	5.5%	5.6%	5.9%	5.7%	5.6%	5.5%	5.4%	5.2%	5.8%	5.8%	5.6%
3	Lufkin	3.0%	3.0%	2.7%	2.8%	2.7%	2.7%	2.5%	2.5%	2.6%	2.6%	2.8%	3.0%	2.7%
4	Abilene	1.8%	1.4%	1.4%	1.3%	1.3%	1.3%	1.3%	1.2%	1.2%	1.1%	1.4%	1.5%	1.3%
5	Sherman-Dennison	2.7%	2.8%	2.8%	2.6%	2.3%	2.2%	2.3%	2.4%	2.3%	2.4%	2.5%	2.7%	2.5%
6	Killeen-Temple	5.3%	5.1%	5.1%	4.9%	4.7%	4.5%	4.3%	4.3%	4.4%	4.5%	4.9%	5.1%	4.7%
7	Waco	3.9%	4.0%	4.0%	3.8%	3.6%	3.5%	3.5%	3.6%	3.7%	3.8%	3.9%	3.9%	3.7%
8	Wichita Falls.	2.0%	2.0%	2.0%	1.9%	1.9%	1.8%	1.9%	1.9%	1.9%	1.8%	1.9%	2.0%	1.9%
9	Longview	3.9%	3.9%	3.8%	3.8%	3.6%	3.6%	3.4%	3.5%	3.5%	3.5%	3.6%	3.6%	3.6%
10	Austin	3.4%	3.3%	3.4%	4.2%	4.4%	4.5%	4.3%	4.3%	4.4%	4.4%	4.2%	3.7%	4.1%
11		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%

SEASONAL WEIGHTS

Line No	Weather Station	Nov to Mar Winter	May to Sep Summer
16	Dallas-Fort Worth	68.9%	70.5%
17	Midland-Odessa	5.7%	5.6%
18	Lufkin	2.9%	2.6%
19	Abilene	1.4%	1.2%
20	Sherman-Dennison	2.7%	2.3%
21	Killeen-Temple	5.1%	4.5%
22	Waco	3.9%	3.6%
23	Wichita Falls.	2.0%	1.9%
24	Longview	3.8%	3.5%
25	Austin	3.6%	4.4%
26		100.0%	100.0%

PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

WEATHER WEIGHTS  
SECONDARY SERVICE LESS THAN OR EQUAL TO 10 KW MONTHLY WEIGHTS

Line No	(a) Weather Station	(b) Jan	(c) Feb	(d) Mar	(e) Apr	(f) May	(g) Jun	(h) Jul	(i) Aug	(j) Sep	(k) Oct	(l) Nov	(m) Dec	(n) Annual
1	Dallas-Fort Worth	61.0%	59.4%	59.9%	60.2%	60.0%	60.0%	59.1%	59.2%	59.6%	60.7%	60.9%	60.8%	60.0%
2	Midland-Odessa	11.5%	13.2%	13.3%	13.2%	13.2%	12.2%	12.9%	12.4%	11.8%	11.4%	11.7%	11.7%	12.4%
3	Lufkin	3.7%	3.7%	3.5%	3.5%	3.6%	3.9%	3.9%	3.9%	3.9%	3.8%	3.6%	3.6%	3.7%
4	Abilene	3.0%	2.9%	2.8%	2.9%	2.9%	2.9%	3.1%	3.1%	3.0%	2.9%	3.0%	3.0%	3.0%
5	Sherman-Dennison	3.3%	3.4%	3.3%	3.1%	3.1%	3.2%	3.3%	3.4%	3.4%	3.2%	3.2%	3.2%	3.3%
6	Killeen-Temple	3.4%	3.3%	3.3%	3.3%	3.3%	3.4%	3.3%	3.4%	3.5%	3.4%	3.4%	3.4%	3.4%
7	Waco	3.7%	3.7%	3.8%	3.7%	3.7%	3.8%	3.8%	3.9%	4.0%	4.0%	3.9%	3.8%	3.8%
8	Wichita Falls	2.7%	2.6%	2.6%	2.6%	2.6%	2.6%	2.6%	2.7%	2.6%	2.6%	2.6%	2.6%	2.6%
9	Longview	4.3%	4.4%	4.2%	4.1%	4.2%	4.4%	4.5%	4.6%	4.7%	4.5%	4.2%	4.3%	4.4%
10	Austin	3.4%	3.4%	3.3%	3.4%	3.4%	3.4%	3.3%	3.4%	3.5%	3.5%	3.6%	3.5%	3.4%
11		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%

SEASONAL WEIGHTS

Line No	Weather Station	Nov to Mar Winter	May to Sep Summer
16	Dallas-Fort Worth	60.4%	59.6%
17	Midland-Odessa	12.3%	12.5%
18	Lufkin	3.6%	3.8%
19	Abilene	2.9%	3.0%
20	Sherman-Dennison	3.3%	3.3%
21	Killeen-Temple	3.4%	3.4%
22	Waco	3.8%	3.9%
23	Wichita Falls	2.6%	2.6%
24	Longview	4.3%	4.5%
25	Austin	3.4%	3.4%
26		100.0%	100.0%

PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

WEATHER WEIGHTS  
SECONDARY SERVICE GREATER THAN 10 KW MONTHLY WEIGHTS

Line No.	(a) Weather Station	(b) Jan	(c) Feb	(d) Mar	(e) Apr	(f) May	(g) Jun	(h) Jul	(i) Aug	(j) Sep	(k) Oct	(l) Nov	(m) Dec	(n) Annual
1	Dallas-Fort Worth	74.6%	74.2%	74.1%	74.3%	73.9%	74.0%	74.2%	74.1%	74.0%	74.4%	74.0%	73.9%	74.1%
2	Midland-Odessa	6.6%	6.7%	6.9%	6.6%	6.9%	6.4%	6.4%	6.4%	6.3%	6.2%	6.7%	7.0%	6.6%
3	Lufkin	2.4%	2.5%	2.4%	2.5%	2.5%	2.6%	2.5%	2.5%	2.5%	2.5%	2.5%	2.4%	2.5%
4	Ablene	1.2%	1.2%	1.1%	1.1%	1.1%	1.1%	1.2%	1.2%	1.2%	1.1%	1.1%	1.2%	1.2%
5	Sherman-Dennison	2.4%	2.5%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%	2.4%
6	Killeen-Temple	2.6%	2.6%	2.6%	2.6%	2.6%	2.7%	2.7%	2.7%	2.8%	2.7%	2.7%	2.7%	2.7%
7	Waco	3.2%	3.3%	3.3%	3.3%	3.3%	3.4%	3.3%	3.4%	3.5%	3.4%	3.3%	3.2%	3.3%
8	Wichita Falls	1.5%	1.6%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.5%	1.4%	1.5%
9	Longview	3.0%	3.1%	3.0%	3.1%	3.1%	3.2%	3.2%	3.1%	3.2%	3.1%	3.1%	3.1%	3.1%
10	Austin	2.6%	2.6%	2.6%	2.6%	2.7%	2.7%	2.6%	2.6%	2.7%	2.7%	2.7%	2.7%	2.7%
11		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%

SEASONAL WEIGHTS

Line No.	Weather Station	Nov to Mar Winter	May to Sep Summer
16	Dallas-Fort Worth	74.1%	74.0%
17	Midland-Odessa	6.8%	6.5%
18	Lufkin	2.4%	2.5%
19	Ablene	1.2%	1.2%
20	Sherman-Dennison	2.4%	2.4%
21	Killeen-Temple	2.6%	2.7%
22	Waco	3.3%	3.4%
23	Wichita Falls	1.5%	1.5%
24	Longview	3.1%	3.1%
25	Austin	2.6%	2.7%
26		100.0%	100.0%

PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

WEATHER WEIGHTS  
PRIMARY SERVICE GREATER THAN 10 KW DISTRIBUTION MONTHLY WEIGHTS

Line No.	(a) Weather Station	(b) Jan	(c) Feb	(d) Mar	(e) Apr	(f) May	(g) Jun	(h) Jul	(i) Aug	(j) Sep	(k) Oct	(l) Nov	(m) Dec	(n) Annual
1	Dallas-Fort Worth	32.8%	32.3%	32.7%	31.7%	32.3%	34.5%	33.9%	34.1%	34.2%	32.6%	31.9%	30.5%	32.8%
2	Midland-Odessa	48.7%	50.2%	49.0%	50.5%	50.0%	46.8%	47.8%	47.5%	48.1%	49.4%	51.0%	53.1%	49.3%
3	Lufkin	2.7%	2.5%	2.7%	2.6%	2.6%	2.6%	2.6%	2.5%	2.5%	2.5%	2.5%	2.5%	2.6%
4	Abilene	6.1%	5.5%	6.0%	5.7%	5.3%	5.8%	5.4%	5.2%	4.8%	5.2%	5.1%	4.7%	5.4%
5	Sherman-Dennison	1.9%	1.9%	1.9%	1.9%	2.0%	2.1%	2.1%	2.3%	2.2%	2.1%	1.9%	1.9%	2.0%
6	Killeen-Temple	1.3%	1.2%	1.3%	1.3%	1.3%	1.4%	1.4%	1.5%	1.4%	1.4%	1.3%	1.2%	1.3%
7	Waco	2.9%	2.9%	2.9%	3.1%	3.1%	3.3%	3.3%	3.4%	3.3%	3.3%	3.1%	2.9%	3.1%
8	Wichita Falls	1.3%	1.1%	1.2%	1.2%	1.1%	1.1%	1.1%	1.1%	1.2%	1.1%	1.1%	1.1%	1.1%
9	Longview	1.6%	1.6%	1.6%	1.4%	1.6%	1.7%	1.7%	1.8%	1.8%	1.7%	1.6%	1.5%	1.7%
10	Austin	0.7%	0.7%	0.7%	0.7%	0.7%	0.7%	0.6%	0.6%	0.4%	0.5%	0.5%	0.5%	0.6%
11		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%

SEASONAL WEIGHTS

Line No.	Weather Station	Nov to Mar	May to Sep
		Winter	Summer
16	Dallas-Fort Worth	32.0%	33.8%
17	Midland-Odessa	50.4%	48.0%
18	Lufkin	2.6%	2.6%
19	Abilene	5.5%	5.3%
20	Sherman-Dennison	1.9%	2.1%
21	Killeen-Temple	1.3%	1.4%
22	Waco	3.0%	3.3%
23	Wichita Falls	1.2%	1.1%
24	Longview	1.6%	1.7%
25	Austin	0.6%	0.6%
26		100.0%	100.0%

PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021

SPONSOR: D. E. NELSON

WEATHER WEIGHTS  
SUBSTATION MONTHLY WEIGHTS

Line No.	(a) Weather Station	(b) Jan	(c) Feb	(d) Mar	(e) Apr	(f) May	(g) Jun	(h) Jul	(i) Aug	(j) Sep	(k) Oct	(l) Nov	(m) Dec	(n) Annual
1	Dallas-Fort Worth	21.8%	18.7%	17.4%	21.2%	21.4%	20.3%	20.6%	20.8%	20.5%	19.3%	19.6%	18.0%	19.9%
2	Midland-Odessa	50.1%	58.1%	60.9%	53.9%	53.6%	55.3%	54.9%	54.3%	54.6%	56.7%	57.0%	58.4%	56.6%
3	Lufkin	2.8%	2.5%	2.3%	2.5%	2.5%	2.7%	3.0%	2.8%	2.8%	2.7%	2.6%	1.7%	2.6%
4	Abilene	10.5%	10.3%	8.4%	9.0%	9.6%	8.5%	8.0%	7.5%	7.7%	7.2%	7.4%	9.6%	8.6%
5	Sherman-Dennison	0.8%	0.9%	0.7%	0.8%	0.7%	1.1%	1.3%	1.2%	1.4%	1.1%	1.1%	0.5%	1.0%
6	Killeen-Temple	7.6%	4.8%	5.1%	5.6%	5.7%	6.2%	6.2%	7.0%	6.7%	6.5%	6.5%	6.2%	6.2%
7	Waco	1.8%	1.8%	1.2%	2.0%	1.4%	1.3%	1.4%	1.4%	1.2%	1.4%	1.1%	1.3%	1.4%
8	Wichita Falls	3.5%	3.8%	3.1%	3.7%	3.8%	3.5%	3.5%	3.5%	3.3%	3.5%	3.3%	3.0%	3.5%
9	Longview	1.1%	1.1%	0.8%	1.1%	1.2%	1.1%	1.3%	1.5%	1.9%	1.7%	1.5%	1.3%	1.3%
10	Austin	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%	0.0%
11		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%

SEASONAL WEIGHTS

Line No.	Weather Station	Nov to Mar	May to Sep
		Winter	Summer
16	Dallas-Fort Worth	19.1%	20.7%
17	Midland-Odessa	56.5%	54.5%
18	Lufkin	2.4%	2.8%
19	Abilene	9.2%	8.2%
20	Sherman-Dennison	0.8%	1.1%
21	Killeen-Temple	6.0%	6.4%
22	Waco	1.4%	1.3%
23	Wichita Falls	3.4%	3.5%
24	Longview	1.2%	1.4%
25	Austin	0.0%	0.0%
26		100.0%	100.0%

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
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FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

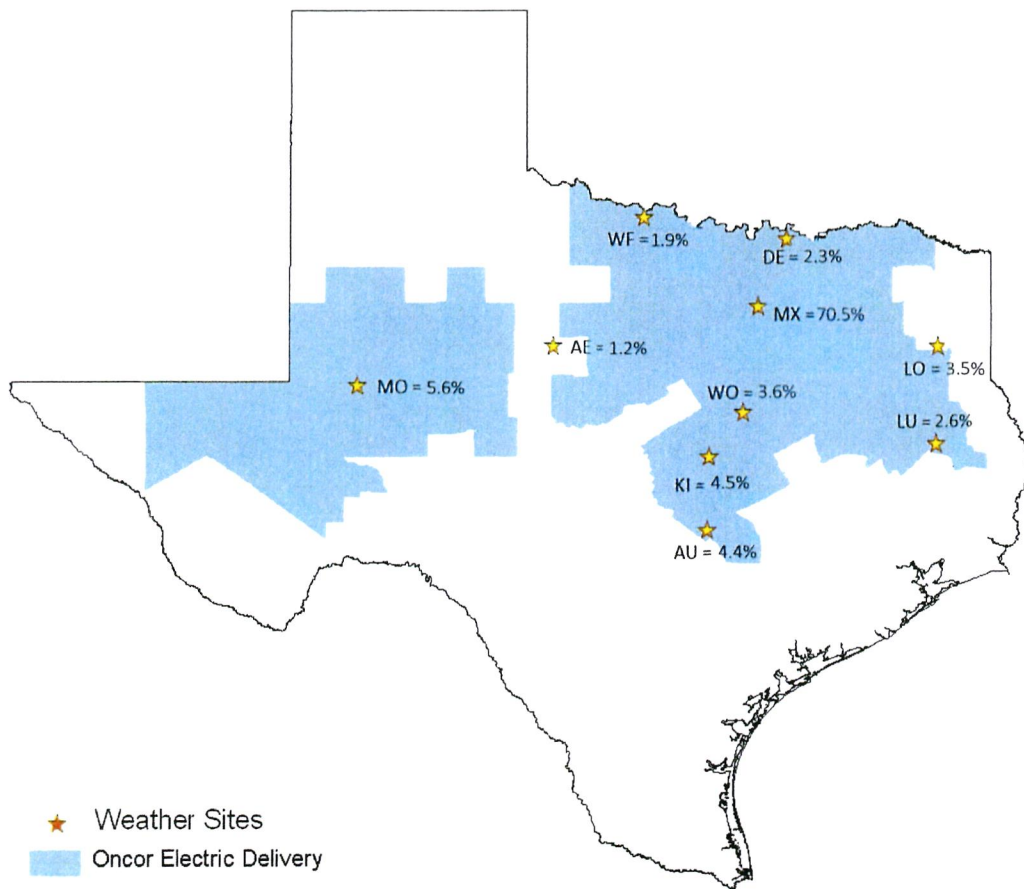
**SPLINE WEIGHTS BY CLASS**

Line No.	(a)	(b)	(c)	(d)	(e)	(f)
	<b>Residential Heating</b>			<b>Residential Cooling</b>		
1	Temperature Base	Coefficient	Weight	Temperature Base	Coefficient	Weight
2	65	408.43	7.552%			
3	60	988.327	18.275%	65	1462.072	26.171%
4	55	1896.28	35.063%	70	2075.154	37.145%
5	45	880.419	16.279%	75	1562.961	27.977%
6	40	1234.77	22.831%	80	486.469	8.708%
7	Total	5408.226	100.000%	Total	5586.656	100.001%
8						
	<b>Secondary Service Less Than or Equal to 10 kW Heating</b>			<b>Secondary Service Less Than or Equal to 10 kW Cooling</b>		
9	Temperature Base	Coefficient	Weight	Temperature Base	Coefficient	Weight
10						
11				65	15.156	18.266%
12	60	18.439	37.453%	70	22.432	27.035%
13	55	13.441	27.301%	75	25.371	30.577%
14	45	17.353	35.247%	85	20.015	24.122%
15	Total	49.233	100.001%	Total	82.974	100.000%
16						
	<b>Secondary Service Greater Than 10 kW Heating</b>			<b>Secondary Service Greater Than 10 kW Cooling</b>		
17	Temperature Base	Coefficient	Weight	Temperature Base	Coefficient	Weight
18						
19				60	523.01	25.864%
20				65	346.225	17.121%
21	55	530.556	45.607%	70	676.207	33.439%
22	45	632.775	54.393%	75	476.746	23.576%
23	Total	1163.331	100.000%	Total	2022.188	100.000%
24						
	<b>Primary Service Greater Than 10 kW Distribution Heating</b>			<b>Primary Service Greater Than 10 kW Distribution Cooling</b>		
25	Temperature Base	Coefficient	Weight	Temperature Base	Coefficient	Weight
26						
27				55	58.096	42.683%
28				70	78.014	57.317%
29				Total	136.11	100.000%
	<b>Substation Heating</b>			<b>Substation Cooling</b>		
	Temperature Base	Coefficient	Weight	Temperature Base	Coefficient	Weight
				50	14.089	212.472%
				70	21.438	323.300%
				85	-28.896	-435.771%
				Total	6.631	100.001%

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ONCOR ELECTRIC DELIVERY COMPANY LLC  
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**SPONSOR: D. E. NELSON**

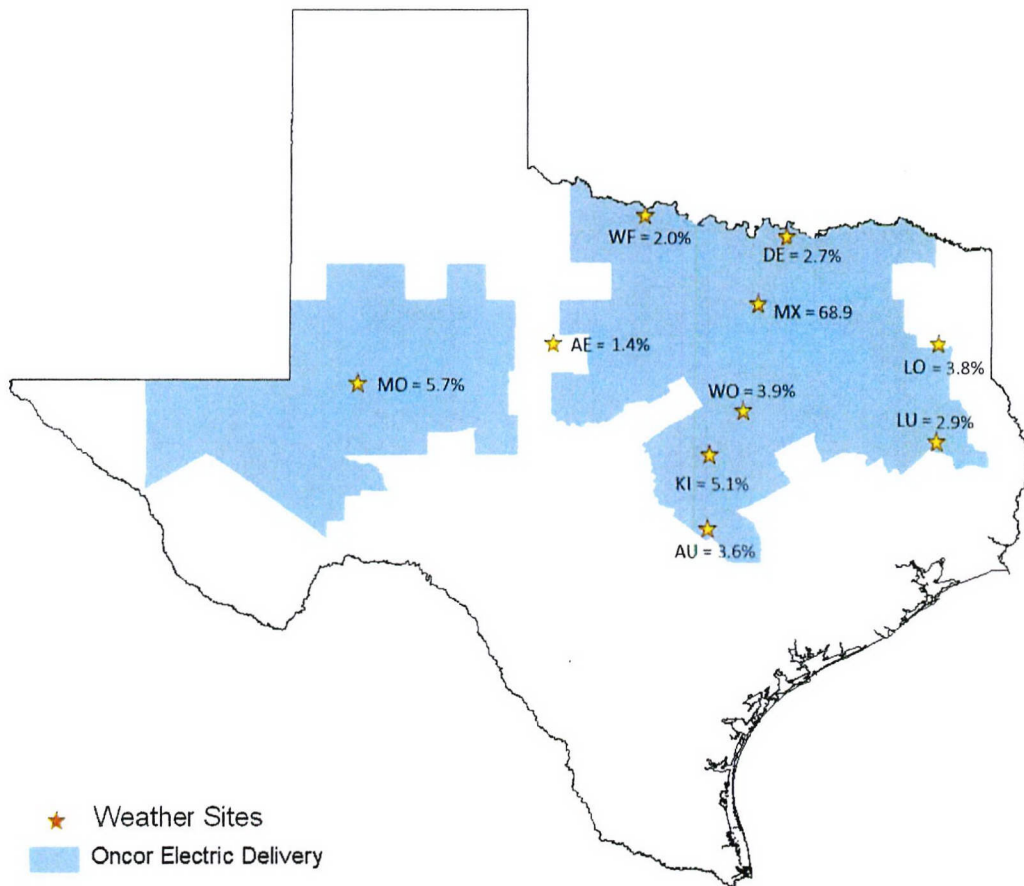
**WEATHER SITE LOCATION & RESIDENTIAL CDD WEIGHT PERCENTAGES**



**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADJUSTED WEATHER STATION DATA  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**WEATHER SITE LOCATION & RESIDENTIAL HDD WEIGHT PERCENTAGES**





**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADDITIONAL WEATHER INFORMATION  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

Actual and normal heating and cooling degree days at base 65 degrees by site are provided in Schedule II-H-5.1, pages 8 and 12. Billing cycle adjusted and system weighted actual and normal cooling and heating degree days at base 65 degrees by class are provided on Schedule II-H-5.3, pages 2-3.

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADDITIONAL WEATHER INFORMATION  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**System Weighted and Billing Cycle Adjusted Actual Heating Degree Days by Weather Sites (Base 65)**

Line No.		Residential	SECONDARY SERVICE LESS	SECONDARY SERVICE	PRIMARY SERVICE	PRIMARY SERVICE
			THAN OR EQUAL TO 10 KW	GREATER THAN 10 KW	GREATER THAN 10 KW	GREATER THAN 10 KW Substation
1	Jan-21	520	532	523	585	595
2	Feb-21	547	554	552	584	589
3	Mar-21	583	589	587	616	621
4	Apr-21	133	141	133	172	181
5	May-21	84	91	85	122	131
6	Jun-21	10	11	10	14	15
7	Jul-21	0	0	0	0	0
8	Aug-21	0	0	0	0	0
9	Sep-21	0	0	0	0	0
10	Oct-21	2	3	2	4	5
11	Nov-21	77	80	76	95	98
12	Dec-21	234	240	234	267	272
13	Annual	2191	2241	2203	2459	2507

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**System Weighted and Billing Cycle Adjusted Normal Heating Degree Days by Weather Sites (Base 65)**

Line No.		Residential	SECONDARY SERVICE LESS	SECONDARY SERVICE	PRIMARY SERVICE	PRIMARY SERVICE
			THAN OR EQUAL TO 10 KW	GREATER THAN 10 KW	GREATER THAN 10 KW	GREATER THAN 10 KW Substation
17						
18	Jan-21	529	538	531	581	590
19	Feb-21	516	524	519	553	559
20	Mar-21	405	410	407	429	433
21	Apr-21	184	188	185	200	203
22	May-21	58	60	58	65	67
23	Jun-21	7	8	7	10	11
24	Jul-21	0	0	0	0	0
25	Aug-21	0	0	0	0	0
26	Sep-21	0	0	0	1	1
27	Oct-21	13	14	13	18	19
28	Nov-21	107	112	107	129	134
29	Dec-21	338	347	339	386	395
30	Annual	2158	2201	2168	2374	2414

**PUC DOCKET NO.  
ONCOR ELECTRIC DELIVERY COMPANY LLC  
ADDITIONAL WEATHER INFORMATION  
FOR THE TEST YEAR ENDING DECEMBER 31, 2021**

**SPONSOR: D. E. NELSON**

**System Weighted and Billing Cycle Adjusted Actual Cooling Degree Days by Weather Sites (Base 65)**

Line No.		Residential	SECONDARY SERVICE LESS	SECONDARY SERVICE	PRIMARY SERVICE	PRIMARY SERVICE
			THAN OR EQUAL TO 10 KW	GREATER THAN 10 KW	GREATER THAN 10 KW	GREATER THAN 10 KW Substation
1	Jan-21	0	0	0	0	0
2	Feb-21	0	0	0	0	0
3	Mar-21	10	10	10	7	6
4	Apr-21	46	44	46	36	33
5	May-21	103	101	102	100	99
6	Jun-21	272	270	273	271	268
7	Jul-21	536	525	538	494	480
8	Aug-21	566	551	568	502	485
9	Sep-21	564	550	565	506	493
10	Oct-21	377	367	378	340	331
11	Nov-21	152	147	152	130	125
12	Dec-21	24	22	23	14	12
13	Annual	2650	2587	2656	2398	2331

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16

**System Weighted and Billing Cycle Adjusted Normal Cooling Degree Days by Weather Sites (Base 65)**

Line No.		Residential	SECONDARY SERVICE LESS	SECONDARY SERVICE	PRIMARY SERVICE	PRIMARY SERVICE
			THAN OR EQUAL TO 10 KW	GREATER THAN 10 KW	GREATER THAN 10 KW	GREATER THAN 10 KW Substation
17						
18	Jan-21	6	5	6	3	2
19	Feb-21	4	4	4	2	2
20	Mar-21	15	14	15	11	10
21	Apr-21	60	59	60	56	55
22	May-21	165	163	164	166	166
23	Jun-21	366	363	366	367	365
24	Jul-21	568	562	569	555	549
25	Aug-21	624	614	625	589	579
26	Sep-21	559	547	559	513	501
27	Oct-21	344	334	344	304	294
28	Nov-21	120	115	119	99	95
29	Dec-21	26	24	25	17	15
30	Annual	2857	2804	2857	2682	2632

Description	Total	Residential	Secondary ≤10kW	Secondary >10kW	Primary DL ≤10kW	Primary DL >10kW	Primary Substation	Transmission	Lighting	Wholesale Substation	Wholesale DLS
DIST Function Revenue ex 565 & A928. Adjusted	2,306,625,915	1,207,545,358	41,122,596	818,254,176	295,364	133,694,019	13,404,715	24,606,815	59,672,372	1,480,635	6,549,864
MET Function Revenue Req	200,341,062	111,684,992	17,198,917	53,110,886	744,279	15,544,460	532,403	1,172,829	142,786	62,823	146,686
CUSTOMER Function Revenue Req	104,379,391	57,205,975	8,455,437	27,857,670	359,398	7,883,823	305,331	741,937	1,471,849	29,391	68,581
<b>DIST+MET+CUST:</b>											
Total Plant Gross	17,037,413,208	9,298,089,222	459,760,142	5,684,926,249	6,766,368	884,030,313	75,057,775	21,799,669	554,643,385	8,980,455	43,359,630
Return on Rate Base (cost-based)	683,000,510	379,834,070	15,300,982	237,996,209	245,204	38,356,623	3,620,199	1,383,463	3,922,746	432,137	1,908,878
Depreciation Expense	546,347,840	293,773,706	17,898,989	175,240,361	385,591	29,457,396	1,951,234	869,061	25,252,299	232,808	1,286,394
Federal Income Tax (cost-based)	82,404,686	45,850,278	1,770,897	28,788,315	25,536	4,606,241	442,044	162,488	473,466	52,629	232,791
Taxes Other Than FIT	460,498,199	210,697,997	8,641,669	178,652,944	71,540	28,656,332	3,850,802	22,791,529	5,993,923	330,065	811,399
<b>DIST Plant Function:</b>											
Distribution Plant - Net	9,042,309,242	5,041,542,813	168,914,817	3,186,699,293	1,134,336	480,108,121	41,534,062	9,445,431	81,890,651	4,978,117	26,061,601
A3f Land and Land Rights - Net	13,350,684	7,271,694	299,569	4,523,794	1,536	650,080	51,625	12,272	498,638	6,188	35,288
A3f Structures and Improvements - Net	95,316,076	51,915,646	2,138,750	32,297,244	10,966	4,641,192	368,570	87,615	3,559,982	44,175	251,937
A3f Station Equipment - Net	1,296,516,101	682,386,223	16,664,019	439,369,611	248,394	105,132,741	38,019,650	-	4,431,673	4,556,893	5,706,897
4CP Retail Allocation Factor	1 000000	0.458807	0 012824	0 333536	0 000133	0 083854	0 027464	0.083383	-	-	-
<b>NCP (kW)</b>		15,210,693	371,448	9,793,744	5,537	2,343,456	847,475	2,790,486	98,784	101,575	127,209
DIST Function Revenue. Adjusted	3,960,794,562	1,966,558,316	62,349,174	1,369,989,856	515,183	272,378,641	58,811,986	162,461,695	59,696,005	1,481,240	6,552,466
TRAN Function Revenue Requirement	1,445,176,353										
<b>DIST Function:</b>											
O&M Expenses	1,967,625,127	925,628,833	25,721,821	658,414,734	291,840	160,201,274	47,191,842	137,854,134	10,957,441	214,704	1,148,505
Customer Expenses	245,306	211,382	20,459	10,111	238	204	(91)	(385)	3,372	4	11
A&G Expenses	423,126,452	228,351,198	7,879,418	144,052,746	73,200	24,811,551	2,275,901	333,313	13,755,289	268,581	1,325,255
Depreciation & Amortization Expense	459,817,145	245,541,116	10,276,121	152,545,189	53,564	22,671,112	1,729,044	355,895	25,207,217	207,237	1,230,651
Other Expenses (II-E-4)	(2,772,904)	(1,543,391)	(51,306)	(976,084)	(353)	(149,599)	(14,830)	(2,808)	(24,635)	(1,777)	(8,121)
Taxes Other Than Federal Income Tax	447,450,199	203,428,716	7,522,309	175,192,550	23,085	27,643,694	3,816,059	22,715,111	5,980,509	326,077	802,089
Federal Income Tax	78,221,385	43,523,262	1,413,378	27,675,494	10,070	4,281,733	430,786	136,516	468,981	51,351	229,815
Return on Rate Base	638,839,835	355,272,832	11,529,737	226,242,269	82,110	34,931,887	3,501,360	1,107,732	3,875,734	418,677	1,877,498
Minus Other Revenues	51,757,982	33,855,633	1,962,762	13,167,153	18,571	2,013,214	118,086	37,813	527,901	3,613	53,236
Proposed Adjustment to Return On Rate Base	-	-	-	-	-	-	-	-	-	-	-
RateCaseExpense A928	1,646,626	824,746	33,961	560,216	623	114,082	22,961	63,197	23,633	605	2,602
A565 Transmission of Electricity by Others	1,652,522,021	758,188,213	21,192,617	551,175,464	219,196	138,570,540	45,384,309	137,791,683	-	-	-
Total Distribution Facilities Less A565 & A928	2,306,625,915	1,207,545,358	41,122,596	818,254,176	295,364	133,694,019	13,404,715	24,606,815	59,672,372	1,480,635	6,549,864