

Rate Class Billing Determinants Approved in Docket No. 53601

Oncor DCRF Baseline, 12/31/2021 Test Year

			Billing Unit Type (1)	Reference Schedule Workpaper	Billing units approved in Docket No. 53601 (2)
LINE	DESCRIPTION	VOLT			
1	Residential	Sec	kWh	WP/Sched H	46,057,336,770
2	Secondary 10 kW and Below	Sec	kWh	WP/Sched H	1,879,492,852
3	Secondary Greater than 10 kW	Sec	kW	WP/Sched H	154,748,884
4	Primary 10 kW and Below	Primary	kWh	WP/Sched H	27,825,268
5	Primary Greater than 10 kW	Primary	kW	WP/Sched H	39,469,464
6	Substation	Primary	kW	WP/Sched H	12,298,888
7	Transmission	Trans	kW	WP/Sched H	43,125,273
8	Lighting	Sec	kWh	WP/Sched H	379,980,295
9	Wholesale - Substation	Primary	kW	WP/Sched H	1,579,356
10	Wholesale - Distribution Line	Primary	kW	WP/Sched H	1,821,139

Oncor Electric Delivery Company LLC
History of DCRF Charges
2018 - 2023

Effective Date	Residential Service	Secondary Service		Primary Service >10 kW Distribution		Transmission Service	Lighting Service	Wholesale Service			
		≤10 kW	>10 kW	≤10 kW	Line	Substation					
	(\$/kWh)	(\$/kWh)	(\$/Billing kW)	(\$/kWh)	(\$/Billing kW)	(\$/Billing kW)	(\$/Billing kW)	(\$/kWh)	(\$/Billing kW)		(\$/Billing kW)
Sep 1, 2023 (interim rates)	0.001851	0.001747	0.349875	0.001475	0.201323	0.063339	0.003845	0.002341	0.069767	0.249131	Docket No. 55190
May 1, 2023	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	Docket No. 53601
Sep 1, 2021	0.000183	0.000190	0.037928	0.000092	0.019495	0.005353	0.000486	0.000595	0.005748	0.028013	Docket No. 51996
Sep 1, 2020	0.000474	0.000503	0.099593	0.000221	0.046956	0.012099	0.001175	0.001633	0.013982	0.065844	Docket No. 50734
Sep 1, 2019	0.001287	0.001374	0.266647	0.000620	0.111613	0.029207	0.002994	0.004595	0.045540	0.194644	Docket No. 49427
Sep 1, 2018	0.002130	0.002481	0.490802	0.001235	0.200420	0.044707	0.004528	0.008533	0.088025	0.350914	Docket No. 48231

6.1.1 Delivery System Charges
Applicable: Entire Certified Service Area
Effective Date: _____

Sheet: 6.4
Page 1 of 3
Revision: _____

6.1.1.6.4 Rider Distribution Cost Recovery Factor (DCRF)

APPLICABILITY

Each Retail Customer connected to the Company's transmission or distribution system will be assessed a nonbypassable distribution service charge adjustment pursuant to this rider. The charges derived herein, pursuant to Substantive Rule § 25.243, are necessitated by incremental distribution costs not included in the Company's last general rate case proceeding before the Commission.

MONTHLY RATE

The Competitive Retailer, on behalf of the Retail Customer, will be assessed this distribution service charge adjustment based on the monthly per unit cost (DCRF) multiplied times the Retail Customer's appropriate monthly billing determinant (kWh or Billing kW).

The DCRF shall be calculated for each rate according to the following formula:

$$DCRF = \frac{[(DIC_C - DIC_{RC}) * ROR_{AT}] + (DEPR_C - DEPR_{RC}) + (FIT_C - FIT_{RC}) + (OT_C - OT_{RC}) - \sum(DISTREV_{RC-CLASS} * \%GROWTH_{CLASS})}{BD_{C-CLASS}}$$

rounded to nearest \$ 000001

Where:

- DIC_C = Current Net Distribution Invested Capital
- DIC_{RC} = Net Distribution Invested Capital from the last comprehensive base-rate proceeding
- ROR_{AT} = After-Tax Rate of Return as defined in Substantive Rule § 25.243(d)(2)
- DEPR_C = Current Depreciation Expense, as related to Current Gross Distribution Invested Capital, calculated using the currently approved depreciation rates
- DEPR_{RC} = Depreciation Expense, as related to Gross Distribution Invested Capital, from the last comprehensive base-rate proceeding
- FIT_C = Current Federal Income Tax, as related to Current Net Distribution Invested Capital, including the change in federal income taxes related to the change in return on rate base and synchronization of interest associated with the change in rate base resulting from additions to and retirements of distribution plant as used to compute Net Distribution Invested Capital
- FIT_{RC} = Federal Income Tax, as related to Net Distribution Invested Capital from the last comprehensive base-rate proceeding.
- OT_C = Current Other Taxes (taxes other than income taxes and taxes associated with the return on rate base), as related to Current Net Distribution Invested capital, calculated using current tax rates and the methodology from the last comprehensive base-rate proceeding, and not including municipal franchise fees
- OT_{RC} = Other Taxes, as related to Net Distribution Invested Capital from the last comprehensive base-rate proceeding, and not including municipal franchise fees.

DISTREV_{RC-CLASS} (Distribution Revenues by rate class based on Net Distribution Invested Capital from the last comprehensive base-rate proceeding) = (DIC_{RC-CLASS} * ROR_{AT}) + DEPR_{RC-CLASS} + FIT_{RC-CLASS} + OT_{RC-CLASS}.

**Tariff for Retail Delivery Service
Oncor Electric Delivery Company LLC**

Exhibit MAT-4

6.1.1 Delivery System Charges
Applicable: Entire Certified Service Area
Effective Date:

Sheet: 6.4
Page 2 of 3
Revision:

IT

$\%GROWTH_{CLASS}$ (Growth in Billing Determinants by Class) = $(BD_{C-CLASS} - BD_{RC-CLASS}) / BC_{RC-CLASS}$.

$DIC_{RC-CLASS}$ = Net Distribution Invested Capital allocated to the rate class from the last comprehensive base-rate proceeding.

$DEPR_{RC-CLASS}$ = Depreciation Expense, as related to Gross Distribution Invested Capital, allocated to the rate class in the last comprehensive base-rate proceeding.

$FIT_{RC-CLASS}$ = Federal Income Tax, as related to Net Distribution Invested Capital, allocated to the rate class in the last comprehensive base-rate proceeding.

$OT_{RC-CLASS}$ = Other Taxes, as related to Net Distribution Invested Capital, allocated to the rate class in the last comprehensive base-rate proceeding, and not including municipal franchise fees.

$ALLOC_{CLASS}$ = Rate Class Allocation Factor approved in the last comprehensive base-rate proceeding, calculated as: total net distribution plant allocated to rate class, divided by total net distribution plant. For situations in which data from the last comprehensive base-rate proceeding are not available to perform the described calculation, the Rate Class Allocation Factor shall be calculated as the total distribution revenue requirement allocated to the rate class (less any identifiable amounts explicitly unrelated to Distribution Invested Capital) divided by the total distribution revenue requirement (less any identifiable amounts explicitly unrelated to Distribution Invested Capital) for all classes as approved by the commission in the electric utility's last comprehensive base-rate case.

The Allocation Factor for each listed rate schedule is as follows:

Residential Service	55.8203%
Secondary Service Less Than or Equal to 10 kW	2.0953%
Secondary Service Greater Than 10 kW	34.9913%
Primary Service Less Than or Equal to 10 kW	0.0284%
Primary Service Greater Than 10 kW Distribution Line	5.5524%
Primary Service Greater Than 10 kW Substation	0.5328%
Transmission Service	0.1234%
Lighting Service	0.5060%
Wholesale Service	
Substation	0.0638%
Distribution Line	0.2863%

$BD_{C-CLASS}$ = Rate Class Billing Determinants (weather-normalized and adjusted to reflect the number of customers at the end of the period) for the 12 months ending on the date used for purposes of determining the Current Net Distribution Invested Capital. For customer classes billed primarily on the basis of kilowatt-hour billing determinants, the DCRF shall be calculated using kilowatt-hour billing determinants. For customer classes billed primarily on the basis of demand billing determinants, the DCRF shall be calculated using demand billing determinants.

$BD_{RC-CLASS}$ = Rate Class Billing Determinants used to set rates in the last comprehensive base-rate proceeding

NOTICE

This rate schedule is subject to the Company's Tariff and Applicable Legal Authorities.

**Tariff for Retail Delivery Service
Oncor Electric Delivery Company LLC**

Exhibit MAT-4

6.1.1 Delivery System Charges

Applicable: Entire Certified Service Area

Effective Date:

Sheet: 64

Page 3 of 3

Revision:

IT

Distribution Cost Recovery Factor (DCRF)

Effective Date	Residential Service	Secondary Service		Primary Service			Transmission Service	Lighting Service
		≤ 10 kW	>10 kW	≤ 10 kW	>10 kW			
	(\$/kWh)	(\$/kWh)	(\$/Billing kW)	(\$/kWh)	(\$/Billing kW)	(\$/Billing kW)	(\$/Billing kW)	(\$/kWh)
Nov 14, 2023	0.002527	0.002446	0.459315	0.002047	0.254994	0.078408	0.004740	0.002887
Sept 1, 2023	0.001851	0.001747	0.349875	0.001475	0.201323	0.063339	0.003845	0.002341
May 1, 2023	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000	0.000000
Sept 1, 2021	0.002213	0.002481	0.490802	0.001235	0.200042	0.044707	0.004528	0.008533
Sept 1, 2020	0.001287	0.001374	0.266647	0.000620	0.111613	0.029207	0.002994	0.004595
Sept 1, 2019	0.000474	0.000503	0.099593	0.000221	0.046956	0.012099	0.001175	0.001633
Sept 1, 2018	0.000183	0.000190	0.037928	0.000092	0.019495	0.005353	0.000486	0.000595

I
ALL

**TARIFF FOR TRANSMISSION SERVICE
ONCOR ELECTRIC DELIVERY COMPANY LLC**

3.0 Rate Schedules**Applicable: Wholesale Transmission Service****Effective Date:**

Sheet: 6

Revision: _____

Page 1 of 3

T

3.6 Rider WDCRF – Wholesale Distribution Cost Recovery Factor**Application**

Each WDSC will be assessed a nonbypassable distribution service charge adjustment pursuant to this rider. The charges derived herein, pursuant to Substantive Rule § 25.243, are necessitated by incremental distribution costs not included in the Company's last general rate case proceeding before the Commission.

Monthly Rate

The WDSC receiving service will be assessed this distribution service charge adjustment based on the monthly per unit cost (WDCRF) multiplied times the WDSC's appropriate monthly billing determinant.

The WDCRF shall be calculated for each rate according to the following formula:

$$\text{WDCRF} = \frac{[(\text{DIC}_C - \text{DIC}_{RC}) * \text{ROR}_{AT}] + (\text{DEPR}_C - \text{DEPR}_{RC}) + (\text{FIT}_C - \text{FIT}_{RC}) + (\text{OT}_C - \text{OT}_{RC}) - \sum(\text{DISTREV}_{RC\text{-CLASS}} * \% \text{GROWTH}_{\text{CLASS}})] * \text{ALLOC}_{\text{CLASS}} / \text{BDC}_{\text{CLASS}}}{\text{BDC}_{\text{CLASS}}}$$

rounded to nearest \$.000001

Where:

DIC_C	=	Current Net Distribution Invested Capital
DIC_{RC}	=	Net Distribution Invested Capital from the last comprehensive base-rate proceeding.
ROR_{AT}	=	After-Tax Rate of Return as defined in Substantive Rule § 25.243(d)(2).
DEPR_C	=	Current Depreciation Expense, as related to Current Gross Distribution Invested Capital, calculated using the currently approved depreciation rates.
DEPR_{RC}	=	Depreciation Expense, as related to Gross Distribution Invested Capital, from the last comprehensive base-rate proceeding.
FIT_C	=	Current Federal Income Tax, as related to Current Net Distribution Invested Capital, including the change in federal income taxes related to the change in return on rate base and synchronization of interest associated with the change in rate base resulting from additions to and retirements of distribution plant as used to compute Net Distribution Invested Capital.
FIT_{RC}	=	Federal Income Tax, as related to Net Distribution Invested Capital from the last comprehensive base-rate proceeding.
OT_C	=	Current Other Taxes (taxes other than income taxes and taxes associated with the return on rate base), as related to Current Net Distribution Invested capital, calculated using current tax rates and the methodology from the last comprehensive base-rate proceeding, and not including municipal franchise fees.
OT_{RC}	=	Other Taxes, as related to Net Distribution Invested Capital from the last comprehensive base-rate proceeding, and not including municipal franchise fees.

$\text{DISTREV}_{RC\text{-CLASS}}$ (Distribution Revenues by rate class based on Net Distribution Invested Capital from the

**TARIFF FOR TRANSMISSION SERVICE
ONCOR ELECTRIC DELIVERY COMPANY LLC**

Exhibit MAT-5

3.0 Rate Schedules

Applicable: Wholesale Transmission Service

Effective Date:

Sheet: 6

Revision: _____

Page 2 of 3

T

last comprehensive base-rate proceeding) = $(DIC_{RC-CLASS} * ROR_{AT}) + DEPR_{RC-CLASS} + FIT_{RC-CLASS} + OT_{RC-CLASS}$.

$\%GROWTH_{CLASS}$ (Growth in Billing Determinants by Class) = $(BD_{C-CLASS} - BD_{RC-CLASS}) / BD_{RC-CLASS}$.

$DIC_{RC-CLASS}$ = Net Distribution Invested Capital allocated to the rate class from the last comprehensive base-rate proceeding.

$DEPR_{RC-CLASS}$ = Depreciation Expense, as related to Gross Distribution Invested Capital, allocated to the rate class in the last comprehensive base-rate proceeding.

$FIT_{RC-CLASS}$ = Federal Income Tax, as related to Net Distribution Invested Capital, allocated to the rate class in the last comprehensive base-rate proceeding.

$OT_{RC-CLASS}$ = Other Taxes, as related to Net Distribution Invested Capital, allocated to the rate class in the last comprehensive base-rate proceeding, and not including municipal franchise fees.

$ALLOC_{CLASS}$ = Rate Class Allocation Factor approved in the last comprehensive base-rate proceeding, calculated as: total net distribution plant allocated to rate class, divided by total net distribution plant. For situations in which data from the last comprehensive base-rate proceeding are not available to perform the described calculation, the Rate Class Allocation Factor shall be calculated as the total distribution revenue requirement allocated to the rate class (less any identifiable amounts explicitly unrelated to Distribution Invested Capital) divided by the total distribution revenue requirement (less any identifiable amounts explicitly unrelated to Distribution Invested Capital) for all classes as approved by the commission in the electric utility's last comprehensive base-rate case.

The Allocation Factor for each listed rate schedule is as follows:

Residential Service	55.8203%
Secondary Service Less Than or Equal to 10 kW	2.0953%
Secondary Service Greater Than 10 kW	34.9913%
Primary Service Less Than or Equal to 10 kW	0.0284%
Primary Service Greater Than 10 kW Distribution Line	5.5524%
Primary Service Greater Than 10 kW Substation	0.5328%
Transmission Service	0.1234%
Lighting Service	0.5060%
Wholesale Service	
Substation	0.0638%
Distribution Line	0.2863%

$BD_{C-CLASS}$ = Rate Class Billing Determinants (weather-normalized and adjusted to reflect the number of customers at the end of the period) for the 12 months ending on the date used for purposes of determining the Current Net Distribution Invested Capital. For customer classes billed primarily on the basis of kilowatt-hour billing determinants, the WDCRF shall be calculated using kilowatt-hour billing determinants. For customer classes billed primarily on the basis of demand billing determinants, the WDCRF shall be calculated using demand billing determinants.

$BD_{RC-CLASS}$ = Rate Class Billing Determinants used to set rates in the last comprehensive base-rate proceeding.

**TARIFF FOR TRANSMISSION SERVICE
ONCOR ELECTRIC DELIVERY COMPANY LLC**

Exhibit MAT-5

3.0 Rate Schedules

Applicable: Wholesale Transmission Service

Effective Date: _____

Sheet: 6

Revision: _____

Page 3 of 3

T

Monthly Surcharge

The WDCRF surcharge for each of the Company's applicable wholesale rate schedules is as follows:

<u>Rate Schedule</u>	<u>WDCRF Surcharge</u>
Wholesale Substation Service	\$0.090334 per kW, billed at Annual Demand (kW)
Wholesale Distribution Line Service	\$0.327017 per Billing kW

I

I

Annual Demand (kW) is the highest 15-minute kW recorded at the Point of Interconnection in the 12-month period ended with the current month.

The Billing kW applicable to the Distribution System Charge shall be the higher of the NCP kW for the current billing month or 80% of the highest monthly NCP kW established in the 11 months preceding the current billing month (80% ratchet).

Notice

This Rate Schedule is subject to the Company's Tariff for Transmission Service and Applicable Legal Authorities.

**INDEX TO THE DIRECT TESTIMONY
OF COLER D. SNELLEMAN, WITNESS FOR
ONCOR ELECTRIC DELIVERY COMPANY LLC**

I.	POSITION AND QUALIFICATIONS.....	2
II.	PURPOSE OF DIRECT TESTIMONY.....	3
III.	INVESTMENTS IN METERS	3
IV.	INVESTMENTS IN DISTRIBUTION TRANSFORMERS, REGULATORS, AND CAPACITORS.....	8
V.	INVESTMENTS IN CAPITAL SPARE SUBSTATION TRANSFORMERS AND MOBILE SUBSTATION EQUIPMENT	13
VI.	INVESTMENTS IN SUBSTATION LAND PURCHASES.....	16
VII.	SUMMARY AND CONCLUSION	19
X.	AFFIDAVIT	21

PUC Docket No. _____

**Snelleman - Direct
Oncor Electric Delivery
September 2023 DCRF Application**

1 **DIRECT TESTIMONY OF COLER D. SNELLEMAN**

2 **I. POSITION AND QUALIFICATIONS**

3 Q. PLEASE STATE YOUR NAME, CURRENT EMPLOYMENT POSITION
4 AND BUSINESS ADDRESS.

5 A. My name is Coler D. Snelleman. I am employed by Oncor Electric Delivery
6 Company LLC ("Oncor" or "Company"). I hold the position of Director of
7 Strategic Sourcing - Transmission and Distribution Supply Chain
8 Management. My business address is 777 Main Street, Fort Worth, Texas.

9 Q. PLEASE DESCRIBE YOUR EDUCATIONAL BACKGROUND AND
10 PROFESSIONAL EXPERIENCE.

11 A. I graduated with a bachelor's degree in Economics from the United States
12 Military Academy at West Point, New York in 1998. From there, I went on
13 to obtain a master's degree in Engineering Management from Southern
14 Methodist University in Dallas, Texas in 2001. After receiving my master's
15 degree, I spent fifteen years working in a variety of manufacturing and
16 sourcing roles within the supply chain organization at General Mills,
17 including in plant leadership and in business operations at the company's
18 global headquarters in Minneapolis, Minnesota. From 2014 to 2018, I was
19 the head of General Mills' sourcing organization for all of the Latin American
20 region. I joined Oncor on August 13, 2018.

21 Q. WHAT HAVE YOUR RESPONSIBILITIES BEEN WITH ONCOR AS THEY
22 RELATE TO ITS APPLICATION TO AMEND ITS DISTRIBUTION COST
23 RECOVERY FACTOR ("DCRF")?

24 A. I am responsible for purchasing all materials and services relating to the
25 supply chain for Oncor's transmission and distribution systems.

26 Q. HAVE YOU PREVIOUSLY SUBMITTED TESTIMONY BEFORE THE
27 PUBLIC UTILITY COMMISSION OF TEXAS ("COMMISSION")?

28 A. Yes. I presented pre-filed testimony in Docket No. 51100 on behalf of the
29 City of Lubbock, acting by and through Lubbock Power & Light. I also

PUC Docket No. _____

Snelleman - Direct
Oncor Electric Delivery
September 2023 DCRF Application

1 submitted testimony in Docket No. 55190 on behalf of Oncor.

2 **II. PURPOSE OF DIRECT TESTIMONY**

3 Q. WHAT IS THE PURPOSE OF YOUR DIRECT TESTIMONY?

4 A. The purpose of my direct testimony is to support Oncor's application to
5 amend its DCRF by addressing Oncor's investments, including working
6 reserves, in meters and meter-related hardware and distribution
7 transformers, regulators, and capacitors. I describe the details regarding
8 Oncor's utilization of these assets, the operational reasons why Oncor must
9 periodically replace them and, for those reasons, why it is critical for the
10 Company to maintain a working reserve in order to provide adequate and
11 uninterrupted service to its customers. I also explain that the associated
12 investment is used and useful and ensures the reliability and overall service
13 quality of Oncor's distribution system. I discuss Oncor's need for capital
14 spare substation transformers and mobile substation equipment and the
15 reasons why these assets are appropriately included for recovery in this
16 proceeding. In addition, my testimony discusses Oncor's need to purchase
17 land for substations and the reasons why Oncor's substation land should
18 be included for recovery in this proceeding.

19 Please see the direct testimony of Company witness Mr. W. Alan
20 Ledbetter for the appropriate regulatory accounting treatment of these
21 assets.

22 My direct testimony, sponsored schedules, and workpapers were
23 prepared by me or under my direction, supervision or control, and are true
24 and correct. I will address each topic in the same order reflected in the
25 above listing.

26 **III. INVESTMENTS IN METERS**

27 Q. WHAT PROCESS DOES ONCOR USE TO DETERMINE HOW MANY
28 METERS IT NEEDS TO PURCHASE EACH YEAR?

- 1 A. Each year, Oncor conducts a detailed review of the growth experienced
2 within its service territory, the number and type of meters that have failed
3 over the course of the year, and any other unique circumstances that may
4 impact Oncor's meter requirements. As part of Oncor's detailed annual
5 review, Oncor determines the number and type of meters it will need to keep
6 on hand across its service territory where active meters are installed, as
7 well as the number and type of meters needed to keep the approximately
8 800 measurement and distribution field resources who are responsible for,
9 among other tasks, installing meters across Oncor's service territory
10 properly stocked. These meter needs are monitored throughout the year,
11 and purchases are adjusted as needed. This strategy allows Oncor to
12 promptly respond to customers' service needs and comply with its tariff
13 requirements.
- 14 Q. PLEASE EXPLAIN HOW GROWTH INFLUENCES ONCOR'S METER
15 PURCHASING NEEDS.
- 16 A. Oncor continues to experience significant load and premise growth in parts
17 of its service territory. The Company added, on average, 68,573 new
18 Electric Points of Delivery over the past four years. Currently Oncor is
19 projecting that it will add approximately 78,000 new Electric Points of
20 Delivery in 2023, and as of the end of June 2023, approximately 37,100
21 Electric Points of Delivery have been added. As of the end of December
22 2022, the five-year compound annual growth rate for Oncor's customers
23 was 1.9%. As Oncor continues to serve new premises, it must purchase
24 and install new meters at those new locations and maintain a reserve of
25 meters should one or more need to be replaced.
- 26 Q. WHAT ACTION DOES ONCOR TAKE WHEN A METER FAILURE
27 OCCURS?
- 28 A. Oncor's meters continually perform a self-diagnostic health check. As part
29 of this process, each meter is programmed to send event and/or alarm

1 notifications to the Company that identify any issue with the meter's ability
2 to function properly. When event or alarm notifications indicating a failure
3 are received from a meter, Oncor replaces the existing meter as soon as
4 practical. Examples of these events or alarms include those for when a
5 meter clock is out of sync, a meter's non-volatile memory is corrupted, or
6 when a meter has a communication failure. Meters may also need to be
7 replaced by Oncor as a result of a failure to accept firmware upgrades that
8 are pushed over Oncor's communication network to the meter.

9 Q. ARE THERE ANY OTHER REASONS THAT ONCOR MAY NEED TO
10 REPLACE A METER?

11 A. Yes. There are other reasons for replacing meters such as customer
12 tampering, which is an issue that has been recognized by the Commission
13 and addressed with specific rules. Also, weather-related impacts or
14 vandalism may cause Oncor to replace a meter to ensure continuity and
15 accurate measurement of electric service to the customer.

16 Additionally, meters may be replaced due to equipment either being
17 missing, stolen, damaged, or not fully functioning due to a component
18 failure. A non-functioning meter is removed from service and returned to
19 the manufacturer which, depending on failure type, may be able to upgrade
20 the meter with a new circuit board, after which time Oncor can re-install the
21 meter at a customer's premise. The newly installed circuit boards are
22 equipped with more memory and a faster processor, resulting in an
23 advanced metering system meter with the latest functionality.

24 Q. DOES ONCOR REPLACE METERS IN A TIMELY MANNER?

25 A. Yes, it is Oncor's standard practice to take prompt action on all meter
26 replacements. Oncor's customers and market participants expect accurate
27 metering for billing. In fact, under Sections 4.7.2 and 4.7.2.2 of Oncor's
28 Tariff for Retail Delivery Service, the Company is precluded from
29 performing estimated meter reads for more than three consecutive months

1 before performing an actual meter read, except in cases where the retail
2 customer has failed to provide access to the meter.

3 Q. DOES ONCOR ORDER METERS IN ADVANCE OF INSTALLATION AND
4 ENERGIZATION?

5 A. Yes. Oncor maintains a working reserve of meters to ensure customer and
6 market participant requirements are met given variable manufacturing lead
7 times, customer-service dates, and replacement needs. Typical lead times
8 to obtain meters from the manufacturer are approximately 52 weeks. If
9 specialty meter items are required, the lead time can be even longer.
10 Another factor that impacts meter lead times is manufacturer plant closings
11 at the end of each year for the holidays. Other factors such as customer
12 timelines can also impact the number of meters Oncor maintains in working
13 reserves at a given time. For example, Oncor has high-rise apartment
14 development projects for which the currently expected due dates for service
15 can extend six months to a year beyond the deadline originally anticipated
16 due to factors impacting the customer's project that are nearly all outside of
17 Oncor's control. Oncor orders meters and holds them for the project based
18 on the original anticipated customer-service date, without knowing whether
19 (or for how long) the date may be extended due to customer circumstances.

20 Q. DOES ONCOR IMMEDIATELY INSTALL METERS WHEN THEY ARE
21 RECEIVED FROM THE MANUFACTURER?

22 A. No. Once meters are received from the manufacturer at the Company's
23 centralized systems operating center, the devices must be added to the
24 Company's meter management system and sample tests conducted before
25 making the units available for installation, which typically takes less than a
26 week. The meters are then deployed to the service centers and field
27 resources described above. Each service center has an established target
28 minimum and maximum reserve level necessary to provide timely service
29 to customers based upon historical and projected meter needs.

1 Q. DO METERS AND METER-RELATED HARDWARE HELD IN RESERVE
2 HAVE TO BE INSTALLED OR ENERGIZED TO BE CONSIDERED TO BE
3 "IN SERVICE"?

4 A. No, they do not. From an operational perspective, the units held in reserve
5 at any time during the eighteen-month period ending June 30, 2023 (the
6 DCRF update period in this proceeding) are part and parcel of Oncor's day-
7 to-day service to the public. Using meters as an example, it would not be
8 feasible from a reliability or customer service perspective for Oncor to
9 purchase only the exact number and type of meters it needs to install and
10 energize immediately upon receipt from the manufacturer. Rather, Oncor
11 must purchase meters to be kept on hand in order to adequately provide
12 electric service. The meters and meter-related hardware that Oncor
13 purchases and provides to its service center storerooms and to its field
14 resource teams are critical to ensuring that Oncor keeps electricity flowing
15 to all customer premises as well as ensuring all consumption is captured
16 and properly accounted for in the Electric Reliability Council of Texas
17 market in a timely manner. For all these reasons, Oncor's meter
18 investments, whether energized or held in reserve, were placed in service
19 during the DCRF update period to provide timely and reliable service to
20 customers.

21 Q. ARE ONCOR'S METER INVESTMENTS THAT WERE HELD IN
22 RESERVE AS OF THE END OF THE DCRF UPDATE PERIOD USED AND
23 USEFUL IN THE COMPANY'S PROVISION OF ELECTRIC SERVICE?

24 A. Yes. Given the lead time needed for purchasing meters from the
25 manufacturer and the need to have meters on hand for the purposes
26 described above, having additional meters in reserve, on a day-to-day
27 basis, was and is essential to Oncor's provision of electric service. The
28 reliability and overall service quality of Oncor's distribution system would be
29 impaired if Oncor purchased only the exact number of meters it expects to

1 install and energize at any particular point in time. By purchasing and
2 keeping adequate working reserves of meters and meter-related hardware
3 to address unanticipated meter failures, outages, weather-related damage,
4 or new customer installations in the near-term, Oncor was and is able to
5 provide adequate and continuous service to the public and, therefore, the
6 associated investment is used and useful.

7 **IV. INVESTMENTS IN DISTRIBUTION TRANSFORMERS, REGULATORS,**
8 **AND CAPACITORS**

9 Q. DOES ONCOR INCLUDE AS PART OF ITS NET DISTRIBUTION
10 INVESTED CAPITAL CERTAIN COSTS SPENT ON ACQUIRING
11 DISTRIBUTION ASSETS THAT ARE NOT YET ENERGIZED, BUT HELD
12 IN RESERVE? PLEASE EXPLAIN.

13 A. Yes. As I detail further below, and similar to the meter example above, from
14 a customer service and reliability perspective, Oncor must purchase in
15 advance certain long-lead-time distribution assets (such as transformers,
16 including regulators or regulating transformers, and capacitors), some of
17 which must be held in reserve. For example, the lead times for distribution
18 transformers vary, by style, from 14 to 52 weeks from the time that Oncor
19 orders a transformer until the transformer is received from the manufacturer.
20 The lead time in any particular case will be dependent upon manufacturing
21 capacity and availability of raw materials and specific components required
22 to build the transformer at the specified voltage, rating, and configuration
23 requested. Due to global supply chain constraints, the lead times have
24 extended.

25 Having transformers available for installation is imperative to Oncor's
26 ability to provide reliable service with minimal interruption to electric
27 customers. Given the cost and the lead time for this type of distribution
28 asset, as well as the large variability in types of transformers on Oncor's
29 system, it is not feasible from either an operational perspective or a

1 reliability perspective for Oncor to wait to purchase the asset until Oncor
2 has an immediate need to install and energize it; doing so would
3 significantly prolong new customer installation and impair Oncor's ability to
4 respond to unexpected, emergency needs as they arise.

5 For these reasons, Oncor maintains a working reserve supply of
6 distribution transformers. During the last 6 months, Oncor purchased
7 approximately 16,900 transformer units, approximately 21,800 of which
8 Oncor has subsequently installed in that time period. The Company held
9 the remainder in reserve to meet emergency and customer needs. On
10 average, Oncor installed approximately 120 distribution transformers a day.
11 This number could be substantially higher during storms and other times
12 when the need for replacements on the system is high. As I explain further
13 below, all of these assets, whether energized or held in working reserve,
14 were in service from an operational perspective and used and useful in
15 connection with Oncor's service to the public.

16 Q. IN ADDITION TO DISTRIBUTION TRANSFORMERS, ARE THERE
17 OTHER TYPES OF DISTRIBUTION ASSETS WITH LONG LEAD TIMES?

18 A. Yes, the average lead time for capacitors exceeds the lead time for some
19 transformers. Currently, the lead time for capacitors is roughly 24-28
20 weeks. While this is still a lengthy lead time, this is actually a reduction to
21 recent lead times experienced by Oncor of an even longer, approximately
22 40-weeks. In the last 18 months, Oncor purchased approximately 2,200
23 capacitor units. Oncor also installed 1,200 capacitors during this same
24 period. As with transformers, for these types of long-lead-time assets for
25 which Oncor is currently waiting approximately 24-28 weeks to receive in
26 hand, Oncor cannot wait to purchase the assets until there is an immediate
27 need to install and energize them. Instead, it is essential that Oncor
28 maintain a working reserve quantity to meet unexpected failures or
29 emergency needs in order to maintain system power quality.

1 Q. HOW DOES ONCOR'S PRACTICE OF MAINTAINING A WORKING
2 RESERVE OF DISTRIBUTION TRANSFORMERS AND CAPACITORS
3 IMPACT CUSTOMER RELIABILITY?

4 A. In the six-month period ending June 2023, there were over one million
5 distribution transformers, approximately 7,800 regulators, and
6 approximately 89,000 capacitors installed on Oncor's system. Failures of
7 these types of distribution equipment occur for many reasons, but are often
8 elevated during storms and extreme weather events. By maintaining an
9 adequate working reserve of this equipment, Oncor is able to both serve
10 new customers in a timely fashion and quickly address equipment failures
11 sustained during storms or extreme weather, thereby reducing delay in
12 fulfillment of new service requests and duration of customer outages in
13 order to maintain the reliable operation of the system.

14 Q. HOW DOES ONCOR'S PRACTICE OF MAINTAINING A WORKING
15 RESERVE OF DISTRIBUTION TRANSFORMERS AND CAPACITORS
16 IMPACT ONCOR'S ABILITY TO SERVE NEW CUSTOMERS?

17 A. Oncor continues to experience load and customer growth within its service
18 territory. By purchasing certain quantities of these distribution assets in
19 advance and holding them in working reserve, Oncor is able to ensure that
20 an adequate supply is readily available to satisfy new customer growth as
21 it arises, rather than having to wait weeks or months to receive the assets
22 from the manufacturer.

23 Q. HOW DOES ONCOR DETERMINE THE APPROPRIATE QUANTITIES OF
24 DISTRIBUTION TRANSFORMERS THAT IT NEEDS TO MAINTAIN IN
25 WORKING RESERVE?

26 A. There are approximately 1,300 unique styles of distribution transformers on
27 Oncor's distribution system. However, to minimize the amount of working
28 reserve needed, Oncor currently uses approximately 480 unique
29 transformer styles specifically designed to serve as compatible working

1 reserve to back stand all transformer styles in the event of equipment
2 failure, as well as to provide service to new customers. In any given year,
3 40% to 60% of Oncor's total demand for transformers is reactive in nature
4 and varies based on style of the transformer and seasonal adverse weather
5 conditions. To provide for the possibility of a significant increase in demand
6 due to weather, working reserve target levels are increased for the summer
7 and winter seasons and then reduced during the spring and fall. In addition
8 to the unpredictable Texas weather, Oncor must also consider national
9 demand and account for limited production capacity of the four major
10 distribution transformer manufacturers in North America to respond
11 immediately to a national weather demand event.

12 In addition, Oncor has to ensure adequate working reserves are
13 available at all of its field service centers. Field service center stock levels
14 are maintained based on open or pending construction projects, historical
15 and seasonal reactive demand, and the number of similar units installed
16 within a given service area. Oncor may assign additional units to a
17 particular field service center based on its distance from the central
18 warehouse as well as supply replenishment shipping schedules. Working
19 reserve at the field service centers are based on one week of historical
20 reactive demand for single-phase transformers in addition to all
21 transformers required for pending open projects within two weeks of each
22 project's scheduled construction start date. Oncor resupplies the field
23 service centers weekly from the equipment central warehouse. As with the
24 central warehouse reserve levels, the Company seasonally adjusts reserve
25 levels at the field service centers based on the higher probability of
26 significant weather events during the summer and winter seasons.

27 Q. DOES ONCOR TAKE ANY STEPS TO MODERATE ITS WORKING
28 RESERVE LEVELS?

1 A. Yes. The Company minimizes the working reserve at the central
2 warehouse by leveraging the use of vendor-owned inventory that annually
3 represents approximately 10% of anticipated system needs and up to 21%
4 during heightened seasonal demand. In addition, Oncor administers an
5 equipment refurbishment and repair program that accounts for
6 approximately 10% of Oncor's annual demand. Oncor designs the working
7 reserve at the central warehouse to provide sufficient replenishment to the
8 field service locations weekly and provide for heightened seasonal
9 demands during the summer and winter seasons. The Company has
10 established the central warehouse standard target working reserve at one
11 to two weeks' demand to provide for unplanned manufacturing and shipping
12 delays. Seasonally, this buffer is increased by one to two weeks during the
13 summer and winter seasons. If a heightened demand is not experienced,
14 then Oncor utilizes the elevated reserve stock during the spring and fall
15 seasons. In addition to maintaining working reserves at field locations, the
16 central warehouse also maintains the primary working reserve for three-
17 phase transformers, regulating transformers, and specialized transformers,
18 such as large distribution auto transformers, as well as distribution network
19 and underground vault transformers. We centralize these higher value units
20 to reduce overall cost, and they are only supplied to the field service
21 locations for scheduled upcoming projects, for reactive demand, or for
22 holding in a working reserve status to back stand critical customer
23 installations such as hospitals and first responders.

24 Q. HOW DOES ONCOR DETERMINE THE APPROPRIATE QUANTITIES OF
25 CAPACITORS THAT IT NEEDS TO MAINTAIN IN WORKING RESERVE?

26 A. For the majority of Oncor's capacitor needs, Oncor determines its working
27 reserve requirements based on annually planned power factor correction
28 and system improvement project requirements, as well as historically
29 projected quantities needed to serve new customers and to meet reactive

1 capacitor demand. For all approved, planned projects, the Company orders
2 capacitors for a first quarter delivery date in order to provide adequate time
3 for installation before summer peak demand. For serving new customers
4 and meeting reactive capacitor requirements, monthly forecasts are
5 provided to the manufacturer in order to reduce lead times. Oncor typically
6 maintains three to six weeks' demand of capacitor products at its central
7 warehouse to provide for maintenance and reactive demand throughout the
8 year. Oncor replenishes field service centers through the central
9 warehouse as needed to maintain existing capacitor requirements in their
10 respective service areas.

11 Q. ARE ONCOR'S INVESTMENTS IN DISTRIBUTION TRANSFORMERS
12 AND CAPACITORS HELD IN WORKING RESERVE IN THE EIGHTEEN
13 MONTHS ENDING JUNE 30, 2023 USED AND USEFUL IN THE
14 COMPANY'S PROVISION OF ELECTRIC SERVICE?

15 A. Yes, for all the reasons discussed above, these assets are essential to
16 Oncor being able to provide adequate and continuous service to the public
17 and, therefore, the associated investment is used and useful.

18 **V. INVESTMENTS IN CAPITAL SPARE SUBSTATION TRANSFORMERS**
19 **AND MOBILE SUBSTATION EQUIPMENT**

20 Q. DOES ONCOR INCLUDE IN ITS NET DISTRIBUTION INVESTMENT THE
21 COSTS OF "SPARE" SUBSTATION POWER TRANSFORMERS?

22 A. Yes. Substation power transformers are large, high-cost assets with long-
23 lead purchase times. The average lead time for Oncor to purchase a
24 substation spare transformer ranges from 40 to 52 weeks. Therefore,
25 Oncor must maintain a fleet of spare transformers at all times in order to
26 supply emergency needs that may arise.

27 Q. HOW DOES ONCOR'S PRACTICE OF MAINTAINING A WORKING
28 RESERVE OF CAPITAL SPARE SUBSTATION TRANSFORMERS
29 IMPACT CUSTOMER RELIABILITY?

1 A. At the eighteen months ending June 2023, there were approximately 1,700
2 distribution substation power transformers placed throughout Oncor's
3 system. By maintaining a fleet of capital spare substation transformers,
4 Oncor is able to provide continuous operations during times of equipment
5 failure or loss of the use of the substation transformers on the Oncor
6 system. Through the use of its capital spare substation transformers, Oncor
7 is also able to relieve installed mobile substations so that they can be used
8 for the minimum duration possible and can be made available for the next
9 emergency that may arise. By maintaining an adequate working reserve of
10 this equipment, Oncor is able to quickly address equipment failures, thereby
11 reducing customer outage durations and ensuring the reliable operation of
12 the system.

13 Q. ARE ALL SUBSTATION POWER TRANSFORMERS THE SAME?

14 A. No. There are many different types of transformers utilized across the
15 Oncor system with various winding configurations, high-side voltages, low-
16 side voltages, and Mega Volt Amp or "MVA" ratings.

17 Q. IS IT CONSIDERED GOOD UTILITY PRACTICE TO MAINTAIN CAPITAL
18 SPARE SUBSTATION POWER TRANSFORMERS?

19 A. Yes, it is.

20 Q. HOW MANY CAPITAL SPARE SUBSTATION POWER TRANSFORMERS
21 DOES ONCOR CURRENTLY HAVE?

22 A. Currently, Oncor has 94 capital spare transformers.

23 Q. HOW DOES ONCOR DETERMINE THE REQUIRED NUMBER OF
24 CAPITAL SPARE SUBSTATION POWER TRANSFORMERS IT NEEDS
25 TO PURCHASE IN A GIVEN YEAR?

26 A. Oncor bases this determination on the characteristics of its existing
27 substation power transformer fleet (taking into consideration voltages and
28 winding configurations), transformer failure rates, the average life span of
29 transformers, and manufacturing lead times. Oncor continuously monitors

1 and actively manages its level of capital spare transformers to ensure
2 availability of these critical assets. Oncor procures additional capital spares
3 as its current units are consumed or as equipment failure rates or
4 manufacturing lead times fluctuate.

5 Q. ARE SUBSTATION POWER TRANSFORMERS PERIODICALLY
6 REPLACED ACCORDING TO A CERTAIN TIME SCHEDULE?

7 A. No. The Company does not replace substation power transformers on a
8 set schedule. Instead, Oncor replaces them when required due to
9 increased loading, system changes, or failures.

10 Q. WHAT ARE ONCOR'S SOURCES FOR OBTAINING CAPITAL SPARE
11 SUBSTATION POWER TRANSFORMERS?

12 A. Oncor purchases new substation power transformers from the
13 manufacturer to be kept as capital spare units. Additionally, used
14 transformers that are being replaced on Oncor's system due to various
15 reasons (such as the need for a higher rating or system changes) may be
16 retained by Oncor to be used as capital spare units.

17 Q. ARE ONCOR'S INVESTMENTS IN CAPITAL SPARE SUBSTATION
18 POWER TRANSFORMERS AS OF THE EIGHTEEN MONTHS ENDING
19 JUNE 2023 USED AND USEFUL IN THE COMPANY'S PROVISION OF
20 ELECTRIC SERVICE?

21 A. Yes, for all the reasons discussed above, having capital spare substation
22 power transformers on hand was essential to Oncor being able to provide
23 adequate and continuous service to the public and, therefore, the
24 associated investment is used and useful.

25 Q. DOES ONCOR INCLUDE IN ITS NET DISTRIBUTION INVESTMENT THE
26 COSTS OF MOBILE SUBSTATION EQUIPMENT?

27 A. Yes. Because substation power transformers are large, high-cost assets
28 with long-lead purchase times, Oncor must maintain mobile substation
29 transformers and associated equipment to respond to emergency needs of

1 the system. Mobile transformers are not permanent parts of the system,
2 but they play a vital role in maintaining the reliability of the system. The
3 availability of mobile transformers and related equipment enables Oncor to
4 quickly restore distribution service when there is equipment failure, when
5 there are forced outages for repairs, or in emergency situations due to
6 natural disasters or storm response. When mobile transformers and
7 equipment are used to restore electrical service, they function as part of the
8 grid system and allow for the system to be reliably served during emergency
9 events or critical outage situations.

10 Q. IS IT CONSIDERED GOOD UTILITY PRACTICE TO MAINTAIN MOBILE
11 SUBSTATION EQUIPMENT?

12 A. Yes, it is.

13 Q. ARE ONCOR'S INVESTMENTS IN MOBILE SUBSTATION EQUIPMENT
14 AS OF THE EIGHTEEN MONTHS ENDING JUNE 2023 USED AND
15 USEFUL IN THE COMPANY'S PROVISION OF ELECTRIC SERVICE?

16 A. Yes, for all the reasons discussed above, having mobile transformers and
17 associated equipment on hand was essential to Oncor being able to provide
18 adequate and continuous service to the public and, therefore, the
19 associated investment is used and useful.

20 **VI. INVESTMENTS IN SUBSTATION LAND PURCHASES**

21 Q. HAS ONCOR INCLUDED AS PART OF ITS NET DISTRIBUTION
22 INVESTED CAPITAL THE COSTS OF LAND PURCHASES RELATED TO
23 SUBSTATION CONSTRUCTION FOR SUBSTATIONS THAT WERE NOT
24 ENERGIZED DURING THE DCRF UPDATE PERIOD?

25 A. Yes. As with the working reserve meters, transformers, regulators, and
26 capacitors discussed in my testimony above, there are operational and
27 reliability reasons why Oncor must purchase land for substations in
28 advance, even if the substations on the land may not be immediately built
29 and energized. Population or industry growth commonly drive the need for

1 substations. Oncor must, therefore, be strategic in its planning and
2 preparing for needed substations by acquiring property in areas where land
3 acquisition or other development would preclude later purchase of real
4 estate for substation purposes. Once the proper location for a substation is
5 determined, Oncor needs to be able to begin the process of purchasing the
6 land because (1) real estate purchases and permitting take a considerable
7 amount of time, (2) expanded development can eliminate Oncor's ability to
8 acquire suitable property, and (3) properties must meet certain physical
9 requirements to be eligible for substation placement.

10 Q. ONCE ONCOR PLANS A NEW SUBSTATION, HOW LONG DOES IT
11 TYPICALLY TAKE ONCOR TO ACQUIRE THE LAND FOR THE
12 SUBSTATION?

13 A. The length of time it takes to acquire land for a substation varies based on
14 the land's location, size, and ownership, as well as the applicable permitting
15 requirements. Typically, this process takes between 18 and 24 months.
16 Even before beginning the land acquisition process, however, Oncor
17 attempts to work proactively with the relevant cities and landowners to
18 identify the appropriate location for the substation. Additionally, if a
19 transmission line extension is required, then additional land rights or
20 landowner consent and an amendment to Oncor's certificate of
21 convenience and necessity may be required.

22 Q. ARE THERE BENEFITS TO ACQUIRING SUBSTATION LAND IN
23 ADVANCE OF THE PLANNED SUBSTATION IN-SERVICE DATE?

24 A. Yes. Acquiring the substation land in advance provides Oncor with certainty
25 of land availability so that Oncor can be assured that it will be able to meet
26 customer and reliability needs. It also affords flexibility in construction
27 timing. It should be noted, however, that various factors can impact the
28 planned timing for the substation energization date, such as issues with

1 identifying suitable sites, zoning, and permitting activities, floodplain
2 mitigation, and timing of load additions.

3 Q. CAN ANY PROPERTY BE USED AS A SUBSTATION SITE?

4 A. No. There are numerous physical requirements for substation development
5 that make only a certain few properties compatible with substation
6 construction. For example, substations generally cannot have sub-surface
7 facilities, so the property must be free of pipelines and other encumbrances
8 or easements. A new substation property must also be located out of the
9 floodplain and have quality road access for equipment transport and service
10 restoration purposes. All of these physical requirements demonstrate why
11 Oncor must be able to acquire substation property in advance of
12 construction while the property is still available, rather than waiting until just
13 prior to starting physical construction.

14 Q. ONCE ONCOR ACQUIRES THE SUBSTATION LAND, HOW SOON
15 DOES CONSTRUCTION OF THE SUBSTATION TYPICALLY BEGIN?

16 A. While the construction timeline varies among substations, construction of
17 the substation typically begins within 24 months of the substation land
18 acquisition. Construction schedules may occasionally change, however,
19 due to factors, such as timing of customer load additions, resource and
20 clearance availability, permitting requirements, supply chain delays, or
21 other system needs. These factors cannot always be anticipated at the time
22 the substation land is acquired; instead, these factors may arise a year or
23 more after the land is purchased and can result in unexpected delays in the
24 commencement of construction of (and, consequently, the completion of
25 construction and the energization of) the substation.

26 Q. HOW DOES ONCOR DETERMINE WHETHER SUBSTATION LAND
27 SHOULD BE PLACED IN ELECTRIC PLANT IN SERVICE ("EPIS") OR
28 ELECTRIC PLANT HELD FOR FUTURE USE ("EPHFU")?

1 A. As explained in more detail in Company witness Mr. Ledbetter's direct
2 testimony, land purchased for the purpose of substation construction is
3 placed into EPIS if substation design, site preparation, and construction of
4 facilities are planned to begin in the near future. Otherwise, if Oncor does
5 not intend for site design, preparation, and construction to begin until a later
6 date, then the substation land is placed into Electric Plan Held for Future
7 Use (EPHFU). This is the same treatment that Oncor applies to easements
8 acquired for transmission line projects.

9 Q. ARE ONCOR'S SUBSTATION LAND PURCHASES AS OF THE
10 EIGHTEEN MONTHS ENDING JUNE 2023 USED AND USEFUL IN THE
11 COMPANY'S PROVISION OF ELECTRIC SERVICE?

12 A. Yes, for all the reasons discussed above, the land that was purchased for
13 use in the near future was essential to Oncor being able to provide adequate
14 and continuous service to the public and, therefore, the associated
15 investment is used and useful.

16 **VII. SUMMARY AND CONCLUSION**

17 Q. PLEASE SUMMARIZE YOUR DIRECT TESTIMONY.

18 A. In summary, due to engineering concerns and manufacturing constraints,
19 and in order to provide reliable service to the public, Oncor must purchase
20 in advance certain distribution assets to be held in working reserve so that
21 an adequate supply is available to satisfy new customer growth, to make
22 necessary unit replacements, and to supply emergency needs as they arise.
23 Due to long-lead purchase times, the potential for significant weather
24 events, and seasonal variations in manufacturer supply and shipping times,
25 Oncor cannot wait to purchase the assets until Oncor has an immediate
26 need to install and energize them. Accordingly, these working reserve
27 assets are used and useful. For similar reasons, Oncor's capital spare
28 transformer and mobile substation equipment investments are also
29 necessary, used, and useful. Additionally, there are operational and


1 reliability reasons why Oncor must purchase land for substations in
2 advance, even if the substations on the land may not be immediately
3 constructed and energized. For all of these reasons, the Commission
4 should allow these investments in Oncor's net distribution invested capital.
5 Q. DOES THIS CONCLUDE YOUR DIRECT TESTIMONY?
6 A. Yes, it does.

AFFIDAVIT

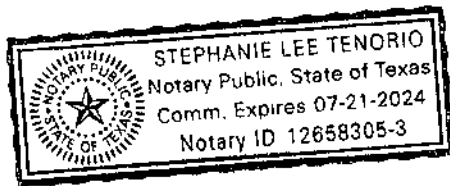
STATE OF TEXAS §
 §
COUNTY OF DALLAS §

BEFORE ME, the undersigned authority, on this day personally appeared Coler D. Snelleman, who, having been placed under oath by me, did depose as follows:

My name is Coler D. Snelleman. I am of legal age and a resident of the State of Texas. The Application in this proceeding complies with 16 TAC § 25.243 and Oncor's tariffs. The Application and the foregoing direct testimony offered by me are true and correct, and the opinions stated therein are, to the best of my knowledge and belief, accurate, true and correct.


Coler D. Snelleman

SUBSCRIBED AND SWORN TO BEFORE ME by the said Coler D. Snelleman
this 11th day of September, 2023.




Notary Public, State of Texas

PUC Docket No. _____

**Snelleman - Direct
Oncor Electric Delivery
September 2023 DCRF Application**

Schedule A : Summary of Distribution Cost of Service (DCOS)
Sponsor: W. Alan Ledbetter

Summary of Distribution Cost of Service Oncor Electric Delivery Company LLC Update Period 01/01/2022 - 06/30/2023							
Line No.	Description	Total Docket No. 53601* (1)	Exclusions for DCRF (2)	Total Docket No. 53601 After Exclusions * (3) = (1)+(2)	Annual Change at 06/30/2023 (4)	Revenue Requirement (5) = (1) + (4)	Reference Schedule
1	Operation & Maintenance , including (A&G)	2,538,516,451	(2,538,516,451)	-	-	2,538,516,451	Docket No. 53601
2	Depreciation and Amortization	543,360,740	(32,269,230)	511,091,510	69,522,835	612,883,575	E-1
3	Taxes Other Than Income Taxes	458,954,797	(315,657,939)	143,296,858	25,648,030	484,602,827	E-2
4	Federal Income Tax	68,683,857	(14,477,773)	54,206,084	19,387,853	88,071,710	E-3
5	Return on Rate Base	641,314,733	(87,781,292)	553,533,441	117,580,476	758,895,209	B
6	Total Revenue Requirement	4,250,830,577	(2,988,702,685)	1,262,127,892	232,139,195	4,482,969,772	
7	Other Revenues	(70,078,084)	70,078,084	-	-	(70,078,084)	Docket No 53601
8	Total	4,180,752,493	(2,918,624,601)	\$1,262,127,892	232,139,195	\$4,412,891,688	

* Docket No. 53601 DCRF baseline approved in Compliance Docket No. 54817 (Docket No. 53601 - 2022 rate case proceeding).

Schedule B: Summary of Distribution Rate Base
Sponsor: W. Alan Ledbetter

Summary of Distribution Rate Base Oncor Electric Delivery Company LLC Update Period 01/01/2022 - 06/30/2023						
Line No	Description	Balance per Docket No. 53601* (1)	Exclusions for DCRF (2)	Balance per Docket No. 53601* With DCRF Exclusions (3) = (1) + (2)	Balance at 6/30/2023 (4)	Increase in Rate Base & Return (5) = (4) - (1)
	Direct Assigned*					
1	Original Plant In Service	16,698,730,341	-	16,698,730,341	18,679,636,468	1,980,906,127
2	(Accumulated Depreciation)	(6,534,021,048)	-	(6,534,021,048)	(6,723,468,122)	(187,447,075)
3	Net Plant In Service	10,164,709,293	0	10,164,709,293	11,958,168,346	1,793,459,053
4	Allocated Plant Accounts- Net *	262,412,268	(262,412,268)	-	262,412,268	-
5	CWIP *	-	-	-	-	-
6	Working Capital *	(12,898,686)	12,898,686	-	(12,898,686)	-
7	Plant Held for Future Use *	1,745,979	(1,745,979)	-	1,745,979	-
8	Regulatory Assets excl plant-related excess deferred F	903,452,153	(903,452,153)	-	903,452,153	-
9	Other *	176,276,176	(176,276,176)	-	176,276,176	-
10a	Accumulated Deferred FIT (ADFIT) - Non Plant *	5,949,630	(5,949,630)	-	5,949,630	-
10b	Excess ADFIT - Non Plant *	(16,918,089)	16,918,089	-	(16,918,089)	-
10c	Acc ADFIT & Excess ADFIT -Non Plant *	(10,968,459)	10,968,459	-	(10,968,459)	-
10d	Accumulated Deferred FIT (ADFIT) - Plant Related	(1,260,470,111)	-	(1,260,470,111)	(1,327,479,590)	(67,009,479)
10e	Protected Excess ADFIT - Plant Related	(491,578,167)	-	(491,578,167)	(474,308,539)	17,269,628
10f	Unprotected Excess ADFIT - Plant Related	(88,849,874)	-	(88,849,874)	(64,441,616)	24,408,258
10g	Acc ADFIT & Excess ADFIT -Plant Related	(1,840,898,152)	-	(1,840,898,152)	(1,866,228,746)	(25,331,594)
11	Subtotal	(781,290,989)	(1,057,607,163)	(1,840,898,152)	(808,022,583)	(125,331,594)
12	Total Rate Base	9,643,830,572	(1,320,019,431)	8,323,811,141	11,411,958,030	1,768,127,458
13	Rate of Return *	6.65%	6.65%	6.65%	6.65%	6.65%
14	Return on Rate Base	\$643,314,733	(\$87,781,292)	\$553,533,441	\$758,895,209	\$117,560,476

* Docket No. 53601 DCRF baseline approved in Compliance Docket No. 54817 (Docket No. 53601 - 2022 rate case proceeding)

Non-tax related regulatory assets	912,045,627	Line 8
Tax-related regulatory assets/(liabilities)	(597,346,130)	(details below)
Total - Regulatory assets/(liabilities)	314,699,497	
Materials & Supplies	74,798,188	
Prepayments	104,576,673	
Other Rate Base Items	(3,096,684)	
Other	176,276,176	Line 9
ADFIT plant-related liability	(1,260,470,111)	Line 10d
ADFIT non-plant related liability	(211,674,829)	Excluded in DCRF baseline, line 10a
ADFIT non-plant related asset	217,618,981	Excluded in DCRF baseline, line 10a
Total - ADFIT	(1,254,525,959)	
Protected excess deferred taxes	(491,578,167)	Excess deferred taxes - plant-related**, line 10e
Non-protected excess deferred taxes		
Oncor plant-related basis differences	(97,762,907)	Excess deferred taxes - plant-related**, line 10f
Oncor non-plant temporary differences	(16,918,089)	Excluded in DCRF baseline, line 10b
Oncor excess reserve plant-related	8,913,033	Excess deferred taxes - plant-related**, line 10f
Total - Tax-related regulatory assets/(liabilities)	(597,346,130)	Excess deferred federal income taxes
Plant-related excess deferred taxes	(580,428,041)	Excess deferred taxes - plant-related**
Non-tax related regulatory assets	912,045,627	
Oncor non-plant temporary differences	(16,918,089)	
Reg assets excl plant-related excess DFITs	895,127,538	

Schedule B-1: Distribution Plant - Gross
Sponsor: W. Alan Ledbetter

Distribution Plant - Gross Oncor Electric Delivery Company LLC Update Period 01/01/2022 - 06/30/2023							
Line No	Account No	Description	Reference Schedule Worksheet	Balance In Docket No 53601 * (1)	Additions since Docket No 53601 (2)	Retirements/Adjustments since Docket No 53601 (3)	Balance at 06/30/2023 (4) = (1)+(2)-(3)
Distribution Intangible Plant							
1a	A303	Intangible Plant - 3 Year Life	WP/Sch B 1/1	214,682	-	(0)	214,682
1b	A303	Intangible Plant - 5 Year Life	WP/Sch B 1/1	18,575,398	11,842,213	(1,534,618)	28,882,993
1c	A303	Intangible Plant - 8 Year Life	WP/Sch B 1/1	172,777,634	79,322,087	(18,555,032)	233,544,689
1d	A303	Intangible Plant - 15 Year Life	WP/Sch B 1/1	481,308,731	100,034,567	(24,523,098)	556,820,201
1e	A303	Intangible Plant - AMS 7 Year Life	WP/Sch B 1/1	146,167,816	-	(44,752,040)	101,415,776
1f	A303	Subtotal Intangible Plant		819,044,261	191,198,867	(89,364,787)	920,878,341
Transmission Plant							
2	A352	Structures and Improvements	WP/Sch B 1/1	-	-	-	-
3a	A353	Station Equipment	WP/Sch B 1/1	330,462,584	34,712,895	(8,534,806)	356,640,673
3b	A353	Station Equipment - DC Tie	WP/Sch B 1/1	-	-	11,956,638	11,956,638
3c	A353	Station Equipment - SVC	WP/Sch B 1/1	51,398,067	3,479	(39,855)	51,361,691
4		Sub-Total		381,860,651	34,716,374	3,381,977	419,959,002
Distribution Plant							
5a	A360	Land and Land Rights (substation)	WP/Sched B-1/1	4,537,807	481,145	70,313	5,089,265
5b	A360	Land and Land Rights	WP/Sched B 1/1	18,508,221	687,088	(909,054)	18,286,256
6	A361	Structures and Improvements	WP/Sched B 1/1	137,062,053	40,915,394	687,205	178,644,652
7	A362	Station Equipment	WP/Sched B-1/1	1,757,053,883	238,002,472	9,537,945	2,004,594,299
8	A363	Storage Battery Equipment	WP/Sched B-1/1	-	-	-	-
9	A364	Poles, Towers & Structures	WP/Sched B-1/1	2,678,358,261	372,477,245	(40,652,359)	3,010,183,147
10	A365	O H Conductors & Devices	WP/Sched B-1/1	1,675,410,858	320,293,828	(26,969,386)	1,968,735,300
11	A366	Underground Conduits	WP/Sched B-1/1	1,082,118,478	191,348,778	(2,678,948)	1,271,788,308
12	A367	U G Conductors & Devices	WP/Sched B-1/1	2,553,927,528	332,125,569	(25,076,268)	2,860,976,829
13	A368	Line Transformers	WP/Sched B-1/1	2,493,077,762	328,169,574	(48,007,748)	2,773,239,588
14	A369	Services	WP/Sched B-1/1	1,652,238,990	161,616,134	(29,064,163)	1,784,790,961
15a	A370	Meters	WP/Sched B-1/1	199,955,073	40,352,399	(6,303,167)	234,004,306
15b	A370	Meters (IDR)	WP/Sched B-1/1	162,996,844	20,895,614	(3,758,246)	180,134,212
15c	A370	Meters (AMR/AMS)	WP/Sched B-1/1	211,195,565	-	(35,234,872)	175,960,693
16	A371	Install on Customer Prem	WP/Sched B-1/1	54,631,097	1,234,018	(347,170)	55,517,945
17	A372	Leased Prop on Cust Premises		-	-	-	-
18	A373	Street Lights	WP/Sched B-1/1	437,403,826	54,971,145	(11,083,271)	481,291,700
19	A374	Land Owned In Fee	WP/Sched B-1/1	71,344,821	13,015,071	(390,108)	83,969,785
20		Sub-Total		15,189,821,069	2,116,585,474	(219,199,297)	17,087,207,246
General Plant							
21a	A391	Office furniture and equipment - computer equipment	WP/Sch B 1/1	219,019,754	20,155,606	(81,773,210)	157,402,150
21b	A391	Office furniture and equipment - computer equipment (AMS)	WP/Sch B-1/1	16,170,086	0	(640,330)	15,529,756
22a	A397	Communication Equipment (amortized)	WP/Sch B-1/1	24,799,846	5,771,408	(2,565,072)	28,006,181
22b	A397	Communication Equipment Dkt 53601 disallowance (amortized)	WP/Sch B 1/1	(35,767,189)	(2,484,480)	0	(38,251,669)
22c	A397	Communication Equipment (depreciated)	WP/Sch B-1/1	42,233,358	5,780,681	(611,047)	47,402,992
22d	A397	Communication Equipment (routers)	WP/Sch B-1/1	41,548,504	0	(46,036)	41,502,468
23		Sub-Total		308,004,360	29,223,215	(85,635,696)	251,591,880
24		TOTAL	Schedule B	16,698,730,341	2,371,723,930	(390,817,803)	18,679,636,468

Not subject to update in DCRF

A388	Land Owned in Fee	25,876,197
A389	Land and Land Rights	82,104
A390	Structures and Improvements	179,909,716
A391	Office Furniture and Equipment- excluding computer equipment	11,853,979
A392	Tools, Shop and Garage Equipment	12,716,429
A393	Stores Equipment	3,803,355
A394	Tools, Shop and Garage Equipment	28,551,509
A395	Laboratory Equipment	21,471,308
A396	Power Operated Equipment	8,557,216
A398	Miscellaneous Equipment	6,947,719
	Subtotal	299,769,532
	Total Plant	16,998,499,873

* Docket No 53601 DCRF baseline approved in Compliance Docket No 54817 (Docket No 53601 - 2022 rate case proceeding)

Schedule B-5: Distribution Accumulated Depreciation
Sponsor: W. Alan Ledbetter

Distribution Accumulated Depreciation Oncor Electric Delivery Company LLC Update Period 01/01/2022 - 06/30/2023							
Line No	Account No	Description	Reference Schedule Worksheet	Balance in Docket No 53601* (1)	Depreciation Expense/ Adjustments since Docket No 53601 (2)	Retirements since Docket No 53601 (3)	Balance at 06/30/2023 (4) = (1) + (2) + (3)
Accumulated Depreciation							
Distribution Intangible Plant							
1e	A303	Intangible Plant - 3 Year Life	WP/Sched B-5/1	94,990	84,165	0	179,155
1b	A303	Intangible Plant - 5 Year Life	WP/Sched B-5/1	4,056,315	9,681,043	(8,537,504)	10,199,854
1c	A303	Intangible Plant - 8 Year Life	WP/Sched B-5/1	71,612,442	33,742,650	(10,513,198)	94,841,894
1d	A303	Intangible Plant - 15 Year Life	WP/Sched B-5/1	139,556,545	41,729,703	(29,390,382)	145,895,867
1e	A308	Intangible Plant - AMS 7 Year Life	WP/Sched B-5/1	144,110,138	1,625,008	(44,752,040)	100,983,105
1f	A303	Subtotal Intangible Plant		359,430,430	86,862,569	(88,193,124)	352,099,875
Transmission Plant							
2	A352	Structures and improvements	WP/Sched B-5/1	0	0	0	0
3a	A353	Station Equipment	WP/Sched B-5/1	75,028,805	15,064,828	(7,459,247)	82,634,386
3b	A353	Station Equipment - DC Tie	WP/Sched B-5/1	0	5,643,462	0	5,643,462
3c	A353	Station Equipment - SVC	WP/Sched B-5/1	22,143,672	3,785,001	0	25,928,674
4		Sub-Total		97,170,477	28,491,292	(7,459,247)	118,202,522
Distribution Plant							
5a	A360	Land and Land Rights (substation)	WP/Sched B-5/1	928,018	20,997	0	949,015
5b	A360	Land and Land Rights	WP/Sched B-5/1	8,767,327	832,313	(909,054)	8,690,586
6	A361	Structures and improvements	WP/Sched B-5/1	41,745,978	3,259,336	(235,786)	44,769,528
7	A362	Station Equipment	WP/Sched B-5/1	463,683,929	32,967,225	(19,628,454)	477,022,701
8	A363	Storage Battery Equipment	WP/Sched B-5/1	0	0	0	0
9	A364	Poles, Towers & Fixtures	WP/Sched B-5/1	1,107,719,584	79,834,291	(40,652,359)	1,146,901,516
10	A365	O H Conductors & Devices	WP/Sched B-5/1	635,328,008	46,010,763	(26,978,014)	654,360,758
11	A366	Underground Conduits	WP/Sched B-5/1	452,193,524	45,953,416	(1,729,437)	496,417,503
12	A367	U G Conductors & Devices	WP/Sched B-5/1	578,041,306	88,193,511	(25,067,640)	641,167,177
13	A368	Line Transformers	WP/Sched B-5/1	743,686,994	62,661,385	(47,653,605)	758,694,774
14	A369	Services	WP/Sched B-5/1	1,097,314,113	64,845,965	(29,064,163)	1,133,095,915
15a	A370	Meters	WP/Sched B-5/1	25,049,410	15,730,123	(6,303,167)	34,476,367
15b	A370	Meters (IDR)	WP/Sched B-5/1	89,799,408	9,324,624	(3,758,246)	95,365,785
15c	A370	Meters (AMR/AMS)	WP/Sched B-5/1	221,391,040	(724,082)	(35,234,872)	185,432,086
16	A371	Install on Customer Prem	WP/Sched B-5/1	75,069,053	1,064,932	(347,170)	75,786,816
17	A372	Leased Prop on Cust Premises		0	0	0	0
18	A373	Street Lights	WP/Sched B-5/1	372,032,657	24,879,116	(11,083,271)	385,828,502
19	A374	Land Owned in Fee	WP/Sched B-5/1	0	0	0	0
20		Sub-Total		5,912,750,349	468,847,918	(248,645,237)	6,132,953,030
General Plant							
21a	A391	Office furniture and equipment - computer equipment	WP/Sched B-5/1	107,929,875	17,807,928	(81,773,210)	43,964,593
21b	A391	Office furniture and equipment - computer equipment (AMS)	WP/Sched B-5/1	12,803,166	4,165,947	(640,330)	16,328,782
22a	A397	Communication Equipment (amortized)	WP/Sched B-5/1	4,370,243	7,135,863	(2,741,743)	8,764,363
22b	A397	Communication Equipment Dkt 53601 disallowance (amortized)	WP/Sched B-5/1	0	(390,218)	0	(390,218)
22c	A397	Communication Equipment (depreciated)	WP/Sched B-5/1	4,018,003	5,331,589	(593,008)	8,756,584
22d	A397	Communication equipment (routers)	WP/Sched B-5/1	41,548,504	(713,877)	(46,036)	40,788,591
23		Sub-Total		170,669,791	33,337,231	(85,794,328)	118,212,695
24		TOTAL	Schedule B	56,534,021,048	5617,539,010	(5430,091,935)	56,721,468,122

Balance shown as credit on DCRF Sch B

Not subject to update in DCRF

A388	Land Owned in Fee	
A389	Land and Land Rights	13,719
A390	Structures and Improvements	15,143,311
A391	Office Furniture and Equipment- excluding computer equipment	783,998
A392	Tools, Shop and Garage Equipment	2,889,835
A393	Stores Equipment	756,988
A394	Tools, Shop and Garage Equipment	11,021,309
A395	Laboratory Equipment	3,404,154
A396	Power Operated Equipment	2,662,613
A398	Miscellaneous Equipment	681,340
	Subtotal	37,357,264
	Total accumulated depreciation	56,571,378,312

* Docket No 53601 DCRF baseline approved in Compliance Docket No 54837 (Docket No 53601 - 2022 rate case proceeding).

Note for Column (2) Docket No 53601 D&A rates were effective May 1, 2023 with Docket No 53601 base rates. (Docket No 46957 D&A rates were effective during 2022 pending the outcome of Docket No 53601.)

Note 2 See WP/Schedule B-5/2 for proforma retirements consistent with depreciation and amortization rates approved in the Docket No 53601 order on rehearing.

Schedule B-7: DIC-Related Accumulated Deferred Federal Income Taxes (ADFIT)
Sponsor: Bonnie L. Clutter and W. Alan Ledbetter

Schedule B-7
Page 1 of 2

Distribution Accumulated Deferred Federal Income Taxes Onco Electric Delivery Company LLC Update Period 01/01/2022 - 06/30/2023									
Line No	Account No	Description	Gross Incremental Distribution Investment since Docket No. 53601 (1)	Accumulated Depreciation since Docket No. 53601 (2)	Net Plant Additions since Docket No. 53601 (3) = (1) - (2)		Change in ADFIT since Docket No. 53601 (5)	Reference Schedule	
1		Incremental Distribution Plant in Service Note: This line is intended to represent the increase in total distribution plant, not just the DIC (see related worksheet)	2,064,550,076	203,743,323	1,860,806,753		(26,282,842)	Sched E-3 10, Column 3	
			(1)	(2)	(3) = (1) - (2)		(5)		
Distribution Intangible Plant			(1)	(2)	(3) = (1) - (2)	% of Net Distribution Plant Additions by FERC Asset (4)	Net Deferred Income Tax Change since Docket No. 53601 (5)	Reference Schedule	
2a	A303	Intangible Plant - 3 Year Life	(0)	84,165	(84,165)	0.00%	1,185	B-1 Column 2&3, B-5 Column 2&3	
2b	A303	Intangible Plant - 5 Year Life	10,307,595	6,248,589	4,166,056	0.22%	(58,815)	B-1 Column 2&3, B-5 Column 2&3	
2c	A303	Intangible Plant - 8 Year Life	60,767,086	23,229,452	37,537,604	2.02%	(590,197)	B-1 Column 2&3, B-5 Column 2&3	
2d	A303	Intangible Plant - 15 Year Life	75,511,469	12,339,322	63,172,148	3.39%	(892,271)	B-1 Column 2&3, B-5 Column 2&3	
2e	A303	Intangible Plant - AMS 7 Year Life	(44,752,040)	(43,127,033)	(1,625,008)	-0.09%	22,957	B-1 Column 2&3, B-5 Column 2&3	
2f	A303	Subtotal Intangible Plant	101,834,080	(1,830,555)	103,164,635	5.54%	(1,457,142)	B-1 Column 2&3, B-5 Column 2&3	
Transmission Plant									
3	A352	Structures and Improvements				0.00%		B-1 Column 2&3, B-5 Column 2&3	
4a	A353	Station Equipment	26,178,089	7,805,582	18,372,508	1.00%	(282,326)	B-1 Column 2&3, B-5 Column 2&3	
4b	A353	Station Equipment - DC Tie	11,956,638	9,643,462	2,313,176	0.12%	(32,672)	B-1 Column 2&3, B-5 Column 2&3	
4c	A353	Station Equipment - SVC	(36,375)	9,783,001	(13,819,377)	-0.21%	53,947	B-1 Column 2&3, B-5 Column 2&3	
5		Sub-Total	38,098,351	21,032,045	17,066,306	0.97%	(241,052)		
Distribution Plant									
6	A360	Land and Land Rights (Substation)	551,458	20,997	530,461	0.08%	(7,492)	B-1 Column 2&3, B-5 Column 2&3	
7	A360	Land and Land Rights	(221,966)	(76,740)	(145,225)	-0.01%	2,053		
8	A360	Structures and Improvements	41,583,599	3,017,550	38,566,049	2.07%	(544,709)	B-1 Column 2&3, B-5 Column 2&3	
9	A362	Station Equipment	247,540,416	15,358,772	232,201,645	12.59%	(3,307,966)	B-1 Column 2&3, B-5 Column 2&3	
10	A363	Storage Battery Equipment				0.00%		B-1 Column 2&3, B-5 Column 2&3	
11	A364	Poles, Towers & Fixtures	321,824,887	33,181,981	288,642,954	16.05%	(4,218,163)	B-1 Column 2&3, B-5 Column 2&3	
12	A365	O.H. Conductors & Devices	293,324,442	19,032,749	274,291,693	14.74%	(3,874,215)	B-1 Column 2&3, B-5 Column 2&3	
13	A366	Underground Conductors	189,669,830	44,223,979	145,445,851	7.82%	(2,056,340)	B-1 Column 2&3, B-5 Column 2&3	
14	A367	U.G. Conductors & Devices	307,049,301	63,125,871	243,923,430	13.11%	(3,445,280)	B-1 Column 2&3, B-5 Column 2&3	
15	A368	Line Transformers	280,161,826	15,007,780	265,154,046	14.25%	(3,745,151)	B-1 Column 2&3, B-5 Column 2&3	
16	A369	Services	132,551,971	35,781,802	96,770,169	5.20%	(1,358,824)	B-1 Column 2&3, B-5 Column 2&3	
17a	A370	Meters	34,049,233	9,426,957	24,622,276	1.32%	(347,776)	B-1 Column 2&3, B-5 Column 2&3	
17b	A370	Meters (IDR)	17,137,368	5,566,378	11,570,990	0.62%	(163,434)	B-1 Column 2&3, B-5 Column 2&3	
17c	A370	Meters (AMR/AMS)	(35,234,872)	(35,958,954)	724,082	0.04%	(10,227)		
18	A371	Install on Customer Prem	886,848	717,753	169,095	0.01%	(2,388)	B-1 Column 2&3, B-5 Column 2&3	
19	A372	Leased Prop on Cust. Premises				0.00%		B-1 Column 2&3, B-5 Column 2&3	
20	A373	Street Lights	43,887,874	13,795,845	30,092,029	1.62%	(425,031)	B-1 Column 2&3, B-5 Column 2&3	
21	A374	Land Owned in Fee	12,624,964		12,624,964	0.68%	(178,320)	B-1 Column 2&3, B-5 Column 2&3	
22		Sub-Total	1,897,386,177	220,702,681	1,677,183,496	90.13%	(79,689,248)		
General Plant									
23a	A391	Office furniture and equipment - computer equipment	(61,617,604)	(63,865,282)	2,347,678	0.13%	(33,160)	B-1 Column 2&3, B-5 Column 2&3	
23b	A391	Office furniture and equipment - computer equipment (AMS)	(640,330)	3,525,437	(4,165,947)	-0.22%	58,842	B-1 Column 2&3, B-5 Column 2&3	
24a	A397	Communication Equipment (amortized)	8,206,835	4,894,120	(1,187,785)	-0.06%	16,777	B-1 Column 2&3, B-5 Column 2&3	
24b	A397	Communication Equipment Dist 53601: disallowance (amortized)	(2,484,480)	(380,718)	(2,094,261)	-0.11%	29,580	B-1 Column 2&3, B-5 Column 2&3	
24c	A397	Communication Equipment (depreciated)	5,169,634	4,718,581	451,054	0.02%	(6,086)	B-1 Column 2&3, B-5 Column 2&3	
24d	A397	Communication Equipment (routers)	(46,036)	(759,914)	713,877	0.04%	(10,093)	B-1 Column 2&3, B-5 Column 2&3	
25		Sub-Total	(56,412,481)	(52,457,086)	(3,955,385)	-0.21%	55,868		
26		TOTAL ADFIT Allocated to DIC				96.38%	(25,331,584)	Schedule E-3 10	

Plant Totals for DCRF 1,880,906,717 187,447,075 1,793,459,058 951,248

Calculation of Increase in Total Distribution Plant

For PP&E Worksheet, WP/Sch E 3 7/3 Gross Plant 19,063,049,945 Accum Depr 6,775,123,635 Net Plant 12,287,926,314 NP DCRF Sch B 12,220,580,614 DIST NP not in DCRF 67,847,701

53601 Direct Distribution Accounts 16,898,230,341 6,534,021,048 10,364,709,293
53601 General Plant Distr Accounts 289,769,582 87,357,264 202,412,288
53601 Distribution Plant 16,998,499,873 6,571,378,312 10,427,121,561

Net Plant Increase (Total Distr) 2,064,550,076 203,743,323 1,860,806,753

WP/Schedule A/1, Page 2
WP/Schedule A/1, Page 7

Distribution Accumulated Deferred Federal Income Taxes Oncor Electric Delivery Company LLC Update Period 01/01/2022 - 06/30/2023			This worksheet shows, consistent with the Schedule B-7 DCRF-RFP Instructions, the percentage of net plant additions for each FERC account relative to the total net distribution plant in service from Doctel No. 53601.					Schedule B-7 Page 2 of 2	
Line No	Account No	Description	Gross Distribution Investment from Doctel No. 53601 (1)	Accumulated Depreciation from Doctel No. 53601 (2)	Net Plant Balances from Doctel No. 53601 (3) = (1) - (2)	Net Plant Additions since Doctel No. 53601 (4)	Percentage Change since Doctel No. 53601 (5) = (4) / (3)	Reference Schedule	
1		Total Net Distribution Plant	16,898,730,341	6,524,021,048	10,374,709,293	1,793,459,053	17.64%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
Distribution Intangible Plant									
2a	A303	Intangible Plant - 3 Year Life	214,682	94,880	119,802	(84,165)	-70.82%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
2b	A303	Intangible Plant - 5 Year Life	18,575,398	4,056,315	14,519,082	4,164,056	28.68%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
2c	A303	Intangible Plant - 8 Year Life	172,777,634	71,612,442	101,165,191	87,537,604	87.11%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
2d	A303	Intangible Plant - 15 Year Life	481,308,731	130,556,545	347,752,186	68,172,148	18.17%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
2e	A303	Intangible Plant - AMS 7 Year Life	146,167,816	144,110,138	2,057,678	(1,625,008)	-78.87%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
2e	A303	Subtotal Intangible Plant	819,044,261	353,430,430	465,613,830	103,164,635	22.16%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
Transmission Plant									
3	A352	Structures and improvements	-	-	-	-	N/A	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
4a	A353	Station Equipment	330,462,584	75,028,805	255,433,779	18,572,508	7.27%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
4b	A353	Station Equipment - SVC	51,398,067	22,141,672	29,256,395	(8,828,377)	-30.05%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
5		Sub-Total	381,860,651	97,170,477	284,690,174	14,753,130	5.18%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
Distribution Plant									
6	A360	Land and Land Rights (substation)	4,537,807	928,018	3,609,789	530,481	14.70%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
7	A360	Land and Land Rights	18,508,221	8,767,327	9,740,894	(145,225)	-1.49%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
8	A361	Structures and improvements	137,062,058	61,745,978	75,316,079	88,565,069	40.46%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
9	A362	Station Equipment	1,757,093,888	463,683,979	1,293,369,909	234,201,645	18.11%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
10	A363	Storage Battery Equipment	-	-	-	-	N/A	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
11	A364	Poles, Towers & Fixtures	2,678,358,761	1,107,739,584	1,570,619,177	298,642,954	19.01%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
12	A365	G/H Conductors & Devices	1,675,410,858	835,328,009	840,082,849	774,291,693	26.87%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
13	A366	Underground Conductors	1,062,214,476	482,199,524	580,014,952	145,445,851	23.09%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
14	A367	U/G Conductors & Devices	2,553,927,528	578,061,906	1,975,865,622	143,923,430	12.35%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
15	A368	Line Transformers	2,493,077,762	743,686,994	1,749,390,768	265,154,044	15.16%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
16	A369	Services	1,652,238,990	1,097,314,113	554,924,877	96,770,169	17.44%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
17a	A370	Meters	190,955,073	26,049,410	174,905,663	24,622,276	14.08%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
17b	A370	Meters (IDR)	162,996,844	85,789,408	77,207,436	11,570,990	15.81%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
17c	A370	Meters (AMR/AMS)	211,195,585	221,391,040	(10,195,454)	774,082	7.10%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
18	A371	Installation Customer Prem	54,631,687	75,069,053	(20,437,366)	169,085	-0.83%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
19	A372	Leased Prop on Cust Premises	-	-	-	-	N/A	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
20	A373	Street Lights	437,409,876	873,032,657	(435,622,781)	80,092,028	46.03%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
21	A374	Land Owned in Fee	71,344,821	-	71,344,821	12,624,864	17.70%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
22		Sub-Total	15,189,879,069	5,912,750,348	9,277,070,720	1,677,183,496	18.08%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
General Plant									
23a	A391	Office furniture and equipment - computer equipment	218,019,754	107,929,875	110,089,879	2,347,678	2.11%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
23b	A391	Office furniture and equipment - computer equipment (AMS)	16,170,086	12,803,106	3,366,980	(4,165,947)	-123.73%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
24a	A397	Communication Equipment (amortized)	24,799,846	4,370,743	20,429,103	(1,187,785)	-5.81%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
24b	A397	Communication Equipment (DCI 53601 Disallowance (amortized))	(15,767,189)	-	(15,767,189)	(2,094,261)	5.86%	B-1 Col 1, B-7 Page 1 Col 3	
24c	A397	Communication Equipment (depreciated)	42,283,358	4,018,003	38,265,355	481,054	1.13%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
24d	A397	Communication Equipment (routers)	41,548,504	41,548,504	-	713,877	N/A	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	
		Sub-Total	908,004,360	170,669,793	737,334,566	(3,955,385)	-0.54%	B-1 Col 1, B-5 Col 1, B-7 Page 1 Col 3	

Schedule E-1 Distribution Depreciation Expense
Sponsor: W. Alan Ledbetter

Distribution Depreciation Expense Oncor Electric Delivery Company LLC Change in Depreciation Expense Update Period 01/01/2022 - 06/30/2023										
Line No	Account No	Description	Reference Schedule Worksheet	Depreciation Expense in Docket No. 53601 ¹ [1]	Gross Plant Balance at 12/31/2021 Per Docket No. 53601 [2]	Gross Plant Balance at 06/30/2023 Including Requested Additions [3]	Increase in Gross Plant Balance (Requested Additions) (4) = (3) - (2)	Depreciation rate approved in Docket No. 53601 [5]	Additional Depreciation Expense on Gross Plant Additions (6) = (4) * (5)	Total Annual Depreciation Expense at 06/30/2023 (7) = (1) + (6)
Depreciation Expense										
Distribution Intangible Plant										
1a	A303	Intangible Plant - 3 Year Life		57946.79	214,682	214,682	[0]	31.65%	0	67,947
1b	A305	Intangible Plant - 5 Year Life	B-1	3,562,363	18,575,398	28,882,999	10,307,595	19.18%	1,976,776	5,539,139
1c	A303	Intangible Plant - 8 Year Life	B-1	19,462,154	172,777,634	235,544,689	60,767,056	11.26%	6,844,970	26,302,124
1d	A305	Intangible Plant - 15 Year Life	B-1	31,098,479	481,308,781	556,870,201	75,511,469	6.46%	4,878,972	35,977,451
1e	A308	Intangible Plant - AMS 7 Year Life	B-1	1,083,338	146,167,816	101,415,776	(44,752,040)	Amortized	0	1,083,338
1f	A309	Subtotal Intangible Plant		55,214,281	819,044,261	970,878,341	151,834,080		13,700,718	68,974,999
Transmission Plant										
2	A352	Structures and Improvements	B-1	0	0	0	0	2.65%	0	0
3a	A353	Station Equipment	B-1	7,083,159	330,462,584	356,640,671	26,178,089	2.15%	562,829	7,643,988
3b	A353	Station Equipment - DC Tie	B-1	0	0	11,956,638	11,956,638	2.81%	335,391	335,391
3c	A353	Station Equipment - SVC	B-1	1,908,257	51,298,067	51,361,691	63,624	3.71%	1,351	1,909,606
4		Sub-Total		8,991,416	381,860,651	419,959,002	38,098,351		898,869	9,886,285
Distribution Plant										
5a	A360	Land and Land Rights (substation)	B-1	62,774	4,597,807	5,089,265	551,458	1.38%	7,679	70,403
5b	A360	Land and Land Rights	B-1	229,983	18,508,221	19,286,256	(221,966)	1.24%	(2,758)	227,225
6	A361	Structures and Improvements	B-1	2,856,984	137,062,053	178,644,652	41,582,599	2.08%	866,767	372,751
7	A362	Station Equipment	B-1	36,635,077	1,757,053,883	2,004,594,299	247,540,416	2.09%	5,168,164	41,803,241
8	A363	Storage Battery Equipment	B-1	0	0	0	0		0	0
9	A364	Poles, Towers & Fixtures	B-1	95,043,646	2,678,358,261	3,010,183,147	331,824,887	3.55%	11,777,544	106,841,190
10	A365	O H Conductors & Devices	B-1	53,354,777	1,675,410,858	1,968,735,300	293,324,442	3.18%	9,341,078	62,695,455
11	A366	Underground Conductors	B-1	25,578,854	1,082,118,478	1,271,788,308	189,669,830	2.27%	4,132,817	27,711,671
12	A367	U G Conductors & Devices	B-1	56,746,034	2,553,927,528	2,860,976,829	307,049,301	2.27%	6,821,164	63,557,198
13	A368	Line Transformers	B-1	56,703,640	2,493,077,762	2,775,219,588	280,161,826	2.77%	6,372,122	63,075,762
14	A369	Services	B-1	50,248,720	1,652,238,990	1,784,790,961	132,551,971	3.04%	4,041,077	54,777,797
15a	A370	Meters	B-1	10,466,010	198,955,073	234,004,306	34,049,233	5.23%	1,787,198	17,248,208
15b	A370	Meters (DR)	B-1	6,779,285	162,956,844	180,134,212	17,137,368	4.19%	707,512	7,436,797
15c	A370	Meters (AMR/AMS)	B-1	0	211,195,565	175,960,639	(35,234,926)	NA	0	0
16	A371	Installation Customer Prem	B-1	2,390,143	54,631,097	55,517,345	886,848	4.38%	38,800	2,428,943
17	A372	Leased Prem on Cust Premises	B-1	0	0	0	0	NA	0	0
18	A373	Street Lights	B-1	21,013,687	437,403,826	481,291,700	43,887,874	4.80%	2,108,454	23,122,141
19	A374	Land Owned in Fee	B-1	0	71,344,821	83,969,785	12,624,964	NA	0	0
20		Sub-Total		418,067,214	15,189,823,068	17,087,207,246	1,897,385,177		53,152,568	469,219,782
General Plant										
21a	A391	Office furniture and equipment - computer equipment (amortized)	B-1	21,358,171	219,019,754	157,402,150	(61,617,604)	14.29% Amortized	1,126,650	22,486,021
21b	A391	Office furniture and equipment - computer equipment (AMS)	B-1	2,310,705	16,170,086	15,529,754	(640,330)	8-yr amortization	0	2,297,063
21c	A391	Office furniture and equipment - computer equipment (amortized - reserve imbalance)	B-1	5,726,222	0	0	0		0	5,726,222
21d	A397	Communication Equipment (amortized)	B-1	1,480,206	24,799,846	28,006,181	3,206,335	6.67%	386,872	1,867,079
21e	A397	Communication Equipment (amortized - reserve imbalance)	B-1	(2,581,194)	(35,767,189)	(38,251,668)	(2,484,480)	6.67%	31,183	(2,550,111)
21f	A397	Communication Equipment (amortized - reserve imbalance)	B-1	491,501	0	0	0	8-yr amortization	0	491,501
22a	A397	Communication Equipment (depreciated)	B-1	1,973,885	42,233,358	47,402,992	5,169,634	4.67%	241,616	2,215,501
22b	A397	Communication Equipment (depreciated)	B-1	0	41,548,504	41,502,469	(46,036)	NA	0	0
22c	A397	Communication Equipment (routers)	B-1	0	0	0	0		0	0
23		Sub-Total		30,760,598	308,004,360	251,591,890	(56,412,481)		1,772,680	32,533,278
24		Subtotal, Subject to DCRF Update	Schedule A	511,091,510	16,698,730,341	18,479,636,468	1,980,906,127		69,572,835	580,614,345
25		GP Accounts Not Subject to Update	Docket 53601	32,269,230	0	0	0	NA	0	32,269,230
26		GRAND TOTAL	Schedule A	\$543,360,740	\$16,698,730,341	\$18,679,636,468	\$1,980,906,127		\$69,572,835	\$612,883,575

¹ Docket No. 53601 DCRF baseline approved in Compliance Docket No. 54917 (Docket No. 53601 - 2022 rate case proceedings)

Note 1 Accounts with AMS assets have a specific annual amortization schedule, as approved in the Docket No. 53601 rate case. See WP/Schedule E-1/1

Note 2 Proforma AR-15 retirements at 12/31/2021 for computer equipment and communication equipment were recognized for D&A expense and therefore reduced the D&A expense approved in Docket No. 53601. These proforma retirements were not recognized in Docket No. 53601. Invested capital for net plant (plant in serv. and the accumulated depreciation reserve). Reference General Plant reserve imbalance approved in Docket No. 53601. See WP/Schedule E-1/3. Related proforma retirements for 2021 and 2022 were included in net plant for the update period (retirements processed on the books in Q2 2023). See WP/Schedule E-1/3. Note 3

Note 3 Amortization of reserve imbalance approved in Docket No. 53601. Reference Docket No. 53601 order on rehearing, Finding of Fact No. 219 - the annualized depreciation increase includes recovery of the General Plant reserve imbalance of \$12.5 million per year based on an eight-year recovery period. See WP/Schedule E-1/3.

Schedule E-2: Distribution Taxes Other Than Federal Income Taxes
Sponsor: Bonnie L. Clutter

Distribution Taxes Other Than Federal Income Taxes Oncor Electric Delivery Company LLC Change in Other Taxes Update Period 01/01/2022 - 06/30/2023								
Line No	FERC Account	Account Description	Schedule / Workpaper Reference	Total Approved per Docket 53601* (1)	Exclusions for DCRF (2)	Total per Docket 53601 with DCRF Exclusions* (3) = (1) + (2)	Annual Increase at 06/30/2023 (4)	Total Other Taxes (5) = (1) + (4)
Taxes Other Than Income Taxes:								
1	408.2602	Ad Valorem Taxes	WP/Sched E-2/1	\$ 140,471,714	\$ (3,535,156)	\$ 136,936,558	24,161,056	\$ 164,632,770
2	408 1X,408.2X	Payroll Taxes		13,351,589	(13,351,589)	-	-	13,351,589
3	409 11,409 21	State Gross Margin (Franchise) Tax	WP/Sched E-2/2	22,048,617	(15,688,317)	6,360,300	1,486,974	23,535,591
4	408 2415	Other - Franchise Fees		283,082,877	(283,082,877)	-	-	283,082,877
5	Total Taxes Other Than FIT Taxes			\$ 458,954,797	\$ (315,657,939)	\$ 143,296,858	25,648,030	\$ 484,602,827

* Docket No. 53601 DCRF baseline approved in Compliance Docket No. 54817 (Docket No. 53601 - 2022 rate case proceeding)

	Restated Amounts		Exclusions		
Ad Valorem Taxes	\$	140,471,714	\$	3,535,156	Schedule A, Rev Req & DISTREV 4,482,969,772
State Gross Margin Tax		22,048,617		15,688,317	Times 70% 70.00%
Subtotal	\$	162,520,331	\$	19,223,473	Times 0.75% 0.75%
				TGMT	23,535,591

Schedule E-3: Distribution Federal Income Taxes
Sponsor: Bonnie L. Clutter

Distribution Federal Income Taxes Oncor Electric Delivery Company LLC Change in Federal Taxes Update Period 01/01/2022 - 06/30/2023							
Line No	Account Description	Reference Schedule	Amount per Docket 53601* (1)	Exclusions for DCRF (2)	Amount per 53601 with Exclusions* (3) = (1) - (2)	Interim Annual Change (4)	Total Federal Income Taxes (5) = (1) + (4)
1	Federal Income Taxes						
2							
3	Return on Rate Base	Schedule B	\$ 641,314,733	(\$87,781,292)	\$ 553,533,441	\$ 117,580,476	\$ 758,895,209
4							
5	Deductions:						
6	Synchronized Interest	WP/Sched E-3	243,410,284	(33,317,290)	210,092,993	44,645,218	288,055,502
7	ITC Amortization	Docket 53601	191,148		191,148		191,148
8	Amortization of Protected Excess DFIT	Docket 53601	7,583,060		7,583,060		7,583,060
9	Amortization of Non-protected Excess DFIT	Docket 53601	22,936,199		22,936,199		22,936,199
10	Amortization of Reserved Non Ratable Net Excess	Docket 53601	(1,782,607)		(1,782,607)		(1,782,607)
11	Depletion	Docket 53601	-		-		-
12	Other	Docket 53601	361,612		361,612		361,612
13	Subtotal		272,699,696	(33,317,290)	239,382,406	44,645,218	317,344,914
14							
15	Additions:						
16	Depreciation Adjustment	Docket 53601	150,259		150,259		150,259
17	Other Permanent Additions	Docket 53601	(1,111,779)		(1,111,779)		(1,111,779)
18	Subtotal		(961,520)	0	(961,520)	0	(961,520)
19							
20							
21	Taxable Component of Return		367,653,517	(54,464,002)	313,189,516	72,935,258	440,588,775
22	Incremental Tax Factor (1/1 - 21)(21)		26.582278%	26.582278%	26.582278%	26.582278%	
23	Federal Income Taxes Before Adjust		97,730,682	(14,477,773)	83,252,909	19,387,853	117,118,535
24							
25	Tax Credits-Deduct						
26	ITC Amortization	Docket 53601	191,148		191,148		191,148
27	Amortization of Protected Excess ADFIT	Docket 53601	7,583,060		7,583,060		7,583,060
28	Amortization of Non-protected Excess ADFIT	Docket 53601	22,936,199		22,936,199		22,936,199
29	Amortization of Excess ADFIT Reserve	Docket 53601	(1,782,607)		(1,782,607)		(1,782,607)
30	R&D Tax Credit	Docket 53601	269,284		269,284		269,284
31	Add Depreciation Differences	Docket 53601	150,259		150,259		150,259
32							
33	TOTAL FEDERAL INCOME TAXES	Schedule A	68,683,857	(14,477,773)	54,206,084	19,387,853	88,071,710

* Docket No. 53601 DCRF baseline approved in Compliance Docket No. 54817 (Docket No. 53601 - 2022 rate case proceeding)

Schedule E-3.7: Summary of Plant-Related Accumulated Deferred Federal Income Tax (ADFIT) Balances
Sponsor: Bonnie L. Clutter

Summary of ADFIT Balances Oncor Electric Delivery Company LLC Update Period 01/01/2022 - 06/30/2023							
Line No	Account Number	Description	Reference Schedule Workpaper	Company Total at period end (1)	Funct Factor Name	Distribution Funct. Factor (2)	Distribution Total at period end (3) = (1) * (2)
1	282	Plant-Related (Net Plant Functionalization)	WP/Sched E-3.7/1	(2,201,504,380)	PLANT	54.771457%	(1,205,796,028)
2	282	Intangible Plant-Related (Intangible Func)	WP/Sched E-3.7/1	(163,349,661)	INTANG	76.033149%	(124,199,892)
3	254	Protected Excess ADFIT - Plant Related	WP/Sched E-3.7/2	(886,615,835)	DIRECT	53.423367%	(473,660,033)
4	254	Unprotected Excess ADFIT - Plant Related	WP/Sched E-3.7/2	(119,883,314)	DIRECT	52.989060%	(63,525,041)
Total Distribution Plant-related ADFIT			Schedule E-3.10	(3,371,353,190)	N/A	N/A	(1,867,180,994)

Schedule E-3.10: Distribution Plant Accumulated Deferred Federal Income Tax (ADFIT) Changes
Sponsor: Bonnie L. Clutter

Distribution Plant ADFIT Changes Oncor Electric Delivery Company LLC Update Period 01/01/2022 - 06/30/2023						
Line No	Description	Reference Schedule Workpaper	Distribution Total in Docket No. 53601* (1)	Distribution Total at period end (2)	Change in ADFIT (3) = (2) - (1)	Reference Schedule
1	Total Distribution Plant-related ADFIT & Excess	Schedule B-7	(1,840,898,152)	(1,867,180,994)	(26,282,842)	E-3.7, Column 3
2	Less Allocation per Schedule B-7	Schedule B-7	0	951,248	951,248	B-7, Column 5
3	Total DCRF Plant-Related ADFIT & Excess	Schedule B	(1,840,898,152)	(1,866,229,746)	(25,331,594)	B, Line 10b

96.38% B-7, L 26, Col 4

Accumulated Deferred FIT (ADFIT) - Plant Related	(1,260,470,111)	(1,329,995,920)	(69,525,809)
Protected Excess ADFIT - Plant Related	(491,578,167)	(473,660,033)	17,918,134
Unprotected Excess ADFIT - Plant Related	(88,849,874)	(63,525,041)	25,324,833
Total Distribution Plant-related ADFIT & Excess	(1,840,898,152)	(1,867,180,994)	(26,282,842)

Accumulated Deferred FIT (ADFIT) - Plant Related	(1,260,470,111)	(1,327,479,590)	(67,009,479)
Protected Excess ADFIT - Plant Related	(491,578,167)	(474,308,539)	17,269,628
Unprotected Excess ADFIT - Plant Related	(88,849,874)	(64,441,616)	24,408,258
Total DCRF Plant-Related ADFIT & Excess	(1,840,898,152)	(1,866,229,746)	(25,331,594)

Schedule H: Summary of Historic Year Billing Determinants
Sponsor: Matthew A. Troxle

Summary of Historic Year Billing Determinants
Oncor Electric Delivery Company LLC
Update Period 01/01/2022 - 06/30/2023

LINE	DESCRIPTION	VOLT	Billing Unit Type (1)	Reference Schedule Worksheet	Billing Units approved in Docket No 53601 (2)	12 Months ending 6/30/2023 Unadjusted Billing Units at Meter (3)	12 Months ending 6/30/2023 Billing Unit Weather Adjustment (4)	12 Months ending 6/30/2023 Adjusted Billing Units at Meter (5) = (3) + (4)	12 Months ending 6/30/2023 YE Customer Adjustment (6)	12 Months ending 6/30/2023 Adjusted Billing Units (7) = (5) + (6)	Change in Billing Units (8) = (7) - (2)	Percent Change (9) = (8) / (2)
1	Residential	Sec	kWh	WP/Schedule H	46,057,336,770	46,930,809,037	(1,281,045,431)	45,649,763,606	522,109,088	46,171,872,694	114,535,924	0.25%
2	Secondary 10 kW and Below	Sec	kWh	WP/Schedule H	1,879,492,852	1,848,780,780	(18,973,627)	1,829,807,153	(39,311,671)	1,790,495,482	(88,997,370)	-4.74%
3	Secondary Greater than 10 kW	Sec	kW	WP/Schedule H	151,748,884	157,078,993	(2,218,150)	154,860,843	4,392,908	159,253,751	4,504,867	2.91%
4	Primary 10 kW and Below	Primary	kWh	WP/Schedule H	27,825,268	28,722,062	-	28,722,062	283,780	29,005,851	1,180,583	4.24%
5	Primary Greater than 10 kW	Primary	kW	WP/Schedule H	39,469,484	43,914,353	(86,004)	43,828,349	1,689,895	45,518,244	6,048,860	15.33%
6	Substation	Primary	kW	WP/Schedule H	12,298,888	13,603,068	-	13,603,068	603,229	14,206,297	1,907,409	15.51%
7	Transmission	Trans	kW	WP/Schedule H	43,125,273	52,823,271	-	52,823,271	1,586,380	54,409,651	11,284,378	26.17%
8	Lighting	Sec	kWh	WP/Schedule H	379,980,295	365,470,191	-	365,470,191	952,227	366,422,418	(13,557,877)	-3.57%
9												
10	Wholesale - Substation	Primary	kW	WP/Schedule H	1,579,356	1,476,738	-	1,476,738	-	1,476,738	(102,618)	-6.50%
11	Wholesale - Distribution Line	Primary	kW	WP/Schedule H	1,821,139	1,824,985	-	1,824,985	5,007	1,829,992	8,853	0.49%

Schedule J: Summary of DCRF
Sponsor: Matthew A. Troxle

Schedule J
Page 1 of 2

Oncor Electric Delivery Company LLC
Update Period 01/01/2022 - 06/30/2023

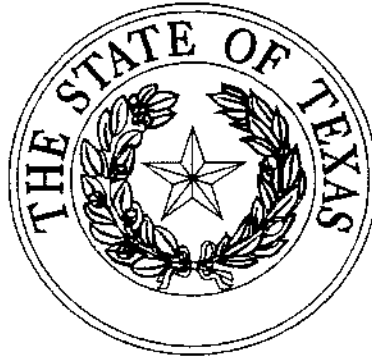
Rate Class	(1) DIC _{RC}	(2) ROR _{AT}	(3) = (1) * (2) Return	(4) DEPR _{RC-CLASS}	(5) FIT _{RC-CLASS}	(6) OT _{RC-CLASS}	(7) = (3)+(4)+(5)+(6) DISTREV _{RC-CLASS}	(8) = Sch H col (9) % GROWTH _{CLASS}	(9) = (7)*(8) DISTREV*GROWTH
Residential	4,646,371,272	6.65%	308,983,690	274,295,782	30,351,815	78,290,078	691,921,364	0.25%	1,720,678
Sec < 10 kW	174,412,228	6.65%	11,598,413	15,562,920	1,013,903	3,667,176	31,842,413	-4.74%	(1,507,796)
Sec > 10 kW	2,912,609,894	6.65%	193,688,558	165,112,390	19,086,723	48,147,625	426,035,296	2.91%	12,402,237
Pri < 10 kW	2,364,712	6.65%	157,253	286,717	8,913	48,033	500,917	4.24%	21,253
Pri > 10 kW	462,170,874	6.65%	30,734,363	26,652,599	2,966,194	7,416,115	67,769,271	15.33%	10,386,825
Pri > 10 kW Sub	44,353,261	6.65%	2,949,492	1,595,111	294,750	645,077	5,484,429	15.51%	850,569
Transmission	10,268,836	6.65%	682,878	717,537	33,895	180,448	1,614,759	26.17%	422,526
Lighting	42,119,566	6.65%	2,800,951	25,452,613	254,689	4,453,130	32,961,382	-3.57%	(1,176,078)
Wh Subst	5,311,757	6.65%	353,232	190,433	35,270	77,167	656,102	-6.50%	(42,630)
Wh DLS	<u>23,828,741</u>	6.65%	<u>1,584,611</u>	<u>1,225,408</u>	<u>159,932</u>	<u>372,009</u>	<u>3,341,960</u>	0.49%	<u>16,246</u>
Total	8,323,811,141	6.65%	553,533,441	511,091,510	54,206,084	143,296,858	1,262,127,892		23,093,830

Schedule J: Summary of DCRF
Sponsor: Matthew A. Troxle

Schedule J
Page 2 of 2

Oncor Electric Delivery Company LLC
Update Period 01/01/2022 - 06/30/2023

Rate Class	(10) TNETDISTPLT _{CLASS}	(11)=(10)/Σ(10) ALLOC _{CLASS}	(12) DCRF Rev Req Increase, Sch A	(13) DISTREV*GROWTH	(14) = (12)-(13) DCRF Increase/ (Decrease)	(15) = (11)*(14) DCRF Increase/ (Decrease) By Class	(16) Sch H, Col 7 BD _{C-CLASS}	(17) = (15)/(16) DCRF Rates
Residential	5,673,965,021	55.8202%				116,689,622	46,171,872,694	0.002527
Sec < 10 kW	212,985,321	2.0953%				4,380,213	1,790,495,482	0.002446
Sec > 10 kW	3,556,764,126	34.9913%				73,147,695	159,253,751	0.459315
Pri < 10 kW	2,887,692	0.0284%				59,388	29,005,851	0.002047
Pri > 10 kW	564,384,811	5.5524%				11,607,024	45,518,849	0.254994
Pri > 10 kW Sub	54,162,450	0.5328%				1,113,894	14,206,297	0.078408
Transmission	12,539,897	0.1234%				257,893	54,409,651	0.004740
Lighting	51,434,750	0.5060%				1,057,797	366,422,418	0.002887
Wh Subst	6,486,508	0.0638%				133,400	1,476,738	0.090334
Wh DLS	29,098,717	0.2863%				598,438	1,829,992	0.327017
Total	10,164,709,293		232,139,195	23,093,830	209,045,365	209,045,364		



ELECTRIC INVESTOR-OWNED UTILITIES
(Transmission & Distribution Service Providers in ERCOT)

EARNINGS REPORT

OF

Oncor Electric Delivery Company LLC (including Oncor NTU)

TO THE

PUBLIC UTILITY COMMISSION OF TEXAS

FOR THE

12 Months Ending December 31, 2022

Check one:

This is an original submission ☒ [X]

This is a revised submission ☐ []

Date of submission: May 15, 2023

GENERAL QUESTIONS

If additional space is required, please attach pages providing the requested information.

1. **State the exact name of the utility.**
Oncor Electric Delivery Company LLC ("Oncor") including Oncor Electric Delivery Company NTU LLC ("Oncor NTU")
Pursuant to the Order in Docket No. 48929 Ordering Paragraph No. 17 Oncor must consolidate the North Texas Utility (Oncor NTU) with Oncor for the purposes of calculation and reporting of its earnings-monitoring report and for the purposes of compliance with finding of fact 56 of the final order in Docket No. 47675
2. **State the date when the utility was originally organized.**
November 16, 2001 - Oncor Electric Delivery Company LLC
Originally June 28, 2006 as Sharyland Transmission Services, LP (name changed to Oncor Electric Delivery Company NTU LLC on May 16, 2019 upon acquisition by Oncor Electric Delivery Company LLC)
3. **Report any change in name during the most recent year and state the effective date.**

Not Applicable
4. **State the name, title, phone number, email address, and office address of the officer of the utility to whom correspondence should be addressed concerning this report.**

W. Alan Ledbetter
Vice President and Controller
(214) 486-3265 William.Ledbetter@oncor.com
1616 Woodall Rodgers Freeway
Dallas, Texas 75202
- 4a. **State the name, title, phone number, email address, and office address of any other individual designated by the utility to answer questions regarding this report (optional)**

J. Michael Sherburne
Vice President - Regulatory
(214) 486-4981 Mike.Sherburne@oncor.com
1616 Woodall Rodgers Freeway
Dallas, Texas 75202
5. **State the location of the office where the Company's accounts and records are kept.**

Oncor Electric Delivery Company LLC
1616 Woodall Rodgers Freeway
Dallas, Texas 75202
6. **State the name, address, phone number, and email address of the individual or firm, if other than a utility employee, preparing this report**

Not applicable

Oncor Electric Delivery Company LLC (including Oncor NTU)
12 Months Ending December 31, 2022

General Questions
Page 2 of 2

7. Please indicate the filing status of the Company regarding federal income taxes, e.g., S-Corps, Corporations, Partnerships, Individuals, etc.

As of November 5, 2008, Oncor Electric Delivery Company LLC is a partnership for federal income tax purposes. As such, it is no longer eligible to file as part of a consolidated income tax return. Since May 16, 2019, Oncor NTU's taxable income has been included in Oncor NTU Partnership LP's partnership return.

8. Please provide:

a. The period-ending number of utility employees (total company): 4,632

- b. The period-ending number of Electric Points of Delivery:

Total Company: 3,896,232

Texas Jurisdictional: 3,896,232

9. Will the Company have a rate proceeding pending before this commission on the due date of this Earnings Monitoring Report?

Yes or No ==>

Yes (Docket No. 53601)

10. IF THIS IS A REVISED REPORT, provide the schedule number, line number, and column designation where each change input data appears.

SUMMARY OF REVENUES AND EXPENSES

Line	(1) Total Company	(2) Non-Regulated or Non-Electric or Other Adjustments*	(3) Total Electric (1)+(2)	(4) Allocation Percentage (5)/(3)	(5) Tx Jurisdictional Wholesale and Retail	(6) Wholesale Transmission Allocation Percentage**	(7) Wholesale Transmission***	(8) Retail T&D
1	TOTAL REVENUES							
2	Energy Delivery Revenues (Note 1)	\$0	\$4,170,962,310	100.00%	\$4,170,962,310	N/A	\$0	\$4,170,962,310
3	Miscellaneous Service Revenues	\$507,580,462	\$1,579,179,633	100.00%	\$1,579,179,633	N/A	\$1,521,748,442	\$57,431,191
4	Revenue Sub-total	\$507,580,462	\$5,750,141,943		\$5,750,141,943		\$1,521,748,442	\$4,228,393,501
5								
6	Total Revenues	\$507,580,462	\$5,750,141,943	100.00%	\$5,750,141,943		\$1,521,748,442	\$4,228,393,501
7								
8								
9	EXPENSES							
10								
11	Operations and Maintenance Expense (Note 2)	\$68,725,194	\$2,805,982,282	100.00%	\$2,805,982,282	7.51%	\$210,827,683	\$2,595,154,599
12	Amortization Expense (Note 3)	\$977,879	\$71,700,698	100.00%	\$71,700,698	24.94%	\$17,885,209	\$53,815,489
13	Depreciation Expense	\$2,452,467	\$834,799,508	100.00%	\$834,799,508	47.47%	\$396,312,676	\$438,486,832
14	Interest on REP/CR Deposits	\$0	\$106	100.00%	\$106	0.00%	\$0	\$106
15	Taxes Other Than Income Taxes	\$124,502	\$561,047,882	100.00%	\$561,047,882	23.54%	\$132,080,996	\$428,966,886
16	State Income Taxes	\$0	\$27,225,303	100.00%	\$27,225,303	19.06%	\$5,189,639	\$22,035,664
17	Federal Income Taxes (Note 4)	\$(26,639,540)	\$147,223,650	100.00%	\$147,223,650	60.22%	\$88,658,507	\$58,565,143
18	Deferred Expenses	\$0	\$0	0.00%	\$0	0.00%	\$0	\$0
19	Nonbypassable charges (Note 5)	\$0	\$0	0.00%	\$0	0.00%	\$0	\$0
20	Other Expenses (Note 6)	\$0	\$0	0.00%	\$0	0.00%	\$0	\$0
21	TOTAL EXPENSES (lines 11 thru 20)	\$565,276,438	\$4,447,979,429	100.00%	\$4,447,979,429	19.13%	\$850,954,710	\$3,597,024,719
22	Return (line 6 minus line 21)	\$(57,695,976)	\$1,302,162,514	100.00%	\$1,302,162,514	51.51%	\$670,793,733	\$631,368,782
23								
24	Non-Operating Income	\$44,492,145	\$34,609,984	100.00%	\$34,609,984			
25	AFUDC (Debt and Equity)	\$0	\$4,092,815	100.00%	\$4,092,815			

* Include supporting documentation for "other adjustments."

** No inputs are made into the revenue (top) portion of this column; revenues for wholesale transmission are directly input into the top part of column 7. See Schedule I instructions for additional details on calculating the percentage inputs in the bottom portion of this column.

*** The revenues in this column should reflect the payments received from others for wholesale transmission service per the commission's wholesale transmission matrix. See instructions for additional details.

Note 1: See instructions for details regarding the reporting of revenues. Additionally, note that column 8 of this line should correspond to Schedule X 1a, line 13, column 11.

Note 2: This amount will be carried automatically from Schedule II, line 12.

Note 3: Columns 1, 3, and 5 for this line will be carried automatically from Supplementary Schedule I-1: Amortization Expense, line 22.

Note 4: Columns 3, 5, 7, and 8 of this line will be carried automatically from Schedule IV, line 41.

Note 5: This amount will be carried automatically from Schedule Ia, line 23, and includes only the NBP expenses included in the utility's T&D revenue requirement (i.e., not collected through a separate rider).

Note 6: This amount will be carried automatically from Supplementary Schedule I-2: Other Expenses, line 22.

[X] Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV.

SUMMARY OF OTHER NONBYPASSABLE CHARGES

Line		Texas Jurisdictional
1	REVENUES RELATED TO NONBYPASSABLE CHARGES	
2	Nuclear Decommissioning Expense	\$ 23,655,830
3	Competition Transition Charge (CTC)	\$ -
4	Municipal Franchise Fees	\$ -
5	System Benefit Fund	\$ -
6	Rate Case Expense	\$ (155)
7	Transmission Cost Recovery Factor (TCRF)	\$ 1,688,775,584
8	Energy Efficiency Cost Recovery Factor (EECRF)	\$ 77,973,986
9	Distribution Cost Recovery Factor (DCRF)	\$ 199,733,426
10	Remand Surcharge (Docket Nos. 46884 and 46957)	\$ (1,415)
11	Interest-rate Savings Refund (ISR & WISR - Docket Nos. 53320, 54053 & 54735)	\$ (5,970,644)
12	Subtotal	<u>\$1,984,166,612</u>
13		
14	Transition Charges (related to securitized costs)	<u>\$0</u>
15	TOTAL NONBYPASSABLE CHARGES	<u>\$1,984,166,612</u>
16		
17		
18	Amounts related to above NBP charges to be reflected in Sched I revenue requirement	
19	(actual amounts of expenses incurred during monitoring period):	
20	Nuclear Decommissioning Charges	\$0
21	Municipal Franchise Fees	\$0
22	System Benefit Fund	<u>\$0</u>
23	Total (Note 1)	<u>\$0</u>
24		

Note 1: The amount on line 18 is carried automatically to Schedule I, line 19.

[X] Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV.

OPERATIONS AND MAINTENANCE EXPENSE

Line	(1) Total Company	(2) Non-Regulated or Non-Electric or Other Adjustments*	(3) Total Electric (1)+(2)	(4) Allocation Percentage (5)/(3)	(5) Tx Jurisdictional Wholesale and Retail	(6) Wholesale Transmission Allocation Percentage**	(7) Wholesale Transmission	(8) Retail T&D
1	Transmission Operations Expenses	\$3,848,903	91,829,073	100.00%	\$91,829,073	98.74%	\$90,669,027	\$1,160,046
2	Transmission Maintenance Expenses	\$2,881,872	34,172,964	100.00%	\$34,172,964	99.25%	\$33,916,028	\$256,936
3	Distribution Operations Expense	\$103,766	157,114,264	100.00%	\$157,114,264	0.27%	\$425,091	\$156,689,173
4	Distribution Maintenance Expenses	\$197,587	200,840,254	100.00%	\$200,840,254	0.24%	\$476,976	\$200,363,278
5	Customer Accounts Expense	(\$179)	22,012,629	100.00%	\$22,012,629	0.00%	\$0	\$22,012,629
6	Customer Service and Informational Expense	\$0	50,993,345	100.00%	\$50,993,345	0.00%	\$0	\$50,993,345
7	Sales Expense	\$0	0	0.00%	\$0	0.00%	\$0	\$0
8	Wholesale transmission matrix payments to others	\$526,520,138	1,688,775,584	N/A	\$1,688,775,584	N/A	N/A	\$1,688,775,584
9	Admin. and General Operations Expenses	\$55,121,866	556,567,340	100.00%	\$556,567,340	15.02%	\$83,605,924	\$472,961,417
10	Admin. and General Maintenance Expenses	\$51,144	3,676,829	100.00%	\$3,676,829	47.18%	\$1,734,637	\$1,942,192
11								
12	TOTAL OPERATIONS AND MAINTENANCE EXP	\$588,725,194	\$2,805,982,282	100.00%	\$2,805,982,282	7.51%	\$210,827,683	\$2,595,154,599

* Include supporting documentation for "other adjustments"

** See instructions for Schedule II to calculate this column

[X] Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV.

INVESTED CAPITAL AT END OF REPORTING PERIOD

Line		(1) Total Company	(2) Non-Regulated or Non-Electric or Other Adjustments*	(3) Total Electric (1)+(2)	(4) Allocation Percentage (5)/(3)	(5) Tx Jurisdictional Wholesale and Retail	(6) Wholesale Transmission Allocation Percentage**	(7) Wholesale Transmission	(8) Retail T&D
1	Plant In Service	\$ 33,348,053,502	\$ 10,491,211,971	\$33,348,053,502	100.00%	\$33,348,053,502	44.44%	\$14,819,995,061	\$18,528,058,441
2	Accumulated Depreciation (Note 2)	\$ (10,054,232,374)	\$ (1,430,569,363)	(10,491,211,971)	100.00%	(\$10,491,211,971)	35.55%	(\$3,740,214,212)	(\$6,750,997,759)
3									
4	Net Plant In Service (lines 1 thru 2)	24,201,509,410	(1,344,667,879)	22,856,841,531	100.00%	22,856,841,531	48.47%	11,079,780,849	11,777,060,682
5	Construction Work In Progress	\$ 954,663,292	\$ 254,571	954,663,292	100.00%	\$954,663,292	55.26%	\$527,548,433	\$427,114,859
6	Plant Held For Future Use	\$ 47,785,408	\$0	47,785,408	100.00%	\$47,785,408	91.66%	\$43,798,406	\$3,987,002
7	Working Cash Allowance	\$ 24,252,897	\$0	(24,252,897)	100.00%	(\$24,252,897)	-0.05%	\$12,539	(\$24,265,436)
8	Materials and Supplies	\$ 203,625,961	\$0	203,625,961	100.00%	\$203,625,961	49.20%	\$100,182,551	\$103,443,410
9	Prepayments	\$ 110,269,847	\$ 130,679	110,269,847	100.00%	\$110,269,847	4.26%	\$4,701,992	\$105,567,855
10	Other Invested Capital Additions (Note 1)	515,751,125	(108,006,825)	409,744,300	100.00%	409,744,300	15.70%	\$68,413,226	\$341,331,074
11	Deferred Federal Income Taxes (Note 2)	\$ 3,528,508,197	\$0	(3,528,508,197)	100.00%	(\$3,528,508,197)	45.85%	(\$1,617,896,967)	(\$1,910,611,230)
12	Advances For Construction (Note 2)	\$ (162,100)	\$0	(162,100)	100.00%	(\$162,100)	0.00%	\$0	(\$162,100)
13	Property Insurance Reserve (Note 2)	\$ 743,528,871	\$0	743,528,871	100.00%	\$743,528,871	3.58%	\$28,646,361	\$716,882,510
14	Injuries and Damages Reserve (Note 2)	\$0	\$0	0	0.00%	\$0	0.00%	\$0	\$0
15	Customer Energy Prepayments (Note 2)	\$0	\$0	0	0.00%	\$0	0.00%	\$0	\$0
16	Unclaimed Dividends (Note 2)	\$0	\$0	0	0.00%	\$0	0.00%	\$0	\$0
17	Other Invested Capital Deductions (Note 3)	(1,508,824,189)	1,431,167,050	(77,657,139)	100.00%	(77,657,139)	17.33%	(\$13,455,787)	(\$64,201,352)
18									
19									
20	TOTAL INVESTED CAPITAL (lines 4 thru 17)	\$21,714,281,638	(\$18,402,761)	\$21,695,878,877	100.00%	\$21,695,878,877		\$10,219,731,602	\$11,476,147,275
21									
22	Less: CWIP and PHFU (Note 4)			\$0		\$0	55.18%	\$528,039,943	\$129,210,068
23	Plus: Ending CWIP in Rate Base			\$0		\$0	0.00%	\$0	\$0
24									
25	TOTAL INVESTED CAPITAL--ADJUSTED			\$20,738,628,826		\$20,738,628,826		\$9,691,691,618	\$11,046,937,208
26									
27	Return (Schedule I, line 22)			\$1,302,162,514		\$1,302,162,514		\$670,793,733	\$631,368,782
28	Rate of Return (line 27 / line 25)			6.28%		6.28%		6.92%	5.72%
29	Earned Return on Ending Equity (based on reported capital structure in Sch. V)			8.69%		8.69%		10.12%	7.43%
30	(Line 28 will automatically calculate correctly only after Schedules I, II,								
31	III, IV, and V are ALL completed.)								
32									
33	Weather-Adjusted Data								
34	Return (Schedule I, line 22, adjusted)			\$1,249,959,456		\$1,249,959,456		\$670,793,733	\$579,165,724
35	Rate of Return (line 34 / line 25)			6.03%		6.03%		6.92%	5.24%
36	Earned Return on Ending Equity (based on reported capital structure in Sch. V)			8.12%		8.12%		10.12%	6.37%
37	(Line 36 will automatically calculate correctly only after Schedules I, II,								
38	III, IV, and V are ALL completed.)								

* Include supporting documentation for "other adjustments."

** See instructions for Schedule III to calculate this column.

Note 1 This amount will be carried automatically from Supplementary Schedule III-1 Other Rate Base Additions, line 22.

Note 2 These items are typically DEDUCTIONS from invested capital and thus should normally be entered as NEGATIVE amounts.

Note 3 This amount will be carried automatically from Supplementary Schedule III-2 Other Rate Base Deductions, line 22.

Note 4 Include the appropriate amounts from lines 5 and 6 (only PHFU balances falling outside the 10-year construction window are excluded).

[X] Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV.

FEDERAL INCOME TAXES

Line No	(1) Total Electric	(2) Allocation Percentage (3)/(1)	(3) Texas Jurisdictional	(4) Wholesale Transmission	(5) Retail
1 TOTAL REVENUES (Note 1)	\$5,750,141,943	100.00%	\$5,750,141,943	\$1,521,748,442	\$4,228,393,501
2 LESS:					
3 Operations and Maintenance Expense	\$2,805,982,282	100.00%	\$2,805,982,282	\$210,827,683	\$2,595,154,599
4 Amortization Expense	\$71,700,698	100.00%	\$71,700,698	\$17,885,209	\$53,815,489
5 Depreciation Expense	\$834,799,508	100.00%	\$834,799,508	\$396,312,676	\$438,486,832
6 Interest on Customer Deposits	\$106	100.00%	\$106	\$0	\$106
7 Taxes Other Than Income Taxes	\$561,047,882	100.00%	\$561,047,882	\$132,080,996	\$428,966,886
8 State Income Taxes	\$27,225,303	100.00%	\$27,225,303	\$5,189,639	\$22,035,664
9 Deferred Expenses	\$0	0.00%	\$0	\$0	\$0
10 Other Expenses	\$0	0.00%	\$0	\$0	\$0
11 Nonbypassable charges (from Schedule I)	\$0	0.00%	\$0	\$0	\$0
12 Interest Included in Return (Note 2)	\$495,653,229	100.00%	\$495,653,229	\$231,631,430	\$264,021,799
13 ADD:					
14 Depreciation Addback - Permanent Differences	0	0.00%	0	0	0
15 Business Meals Not Deductible	502,000	100.00%	502,000	132,561	469,439
16 Other Permanent Differences	0	0.00%	0	0	0
17 LESS:					
18 Preferred Dividend Exclusion	0	0.00%	0	0	0
19 Other Permanent Differences (Attach Detail)	1,295,355	100.00%	1,295,355	312,508	982,847
20 Additional Tax Depreciation (Note 3)	218,944,044	100.00%	218,944,044	115,211,891	103,732,152
21 Other Timing Differences (Attach Detail)	178,538,594	100.00%	178,538,594	100,631,622	77,906,972
22					
23 OTHER					
24 Other adj. not shown elsewhere (Notes 8 & 9)	0	0.00%	0	0	0
25					
26 TAXABLE INCOME	555,556,942		555,556,942	311,791,289	243,765,653
27 TAX RATE	21%		21%	21%	21%
28					
29 CURRENT FEDERAL INCOME TAXES (Note 4)	116,666,958	100.00%	116,666,958	65,476,171	51,190,787
30 ADD:					
31 Current Provision for Deferred Taxes (Note 5)	83,471,354	100.00%	83,471,354	45,328,398	38,142,956
32 Adjustment for Prior Flowthrough (Note 6)	505,612	100.00%	505,612	229,625	275,987
33 LESS:					
34 Amortization of Investment Tax Credits	722,820	100.00%	722,820	326,226	396,594
35 Amortization of Excess Deferred Taxes					
36 a Protected (Note 7)	22,126,157	100.00%	22,126,157	9,678,792	12,447,365
37 b Unprotected (Attach Detail)	30,155,705	100.00%	30,155,705	12,181,795	17,973,910
38 OTHER					
39 Other adj. not shown elsewhere (Notes 8 & 9)	410,554	100.00%	410,554	186,650	223,904
40					
41 TOTAL FEDERAL INCOME TAXES	\$147,223,650	100.00%	\$147,223,650	\$88,658,507	\$58,565,143

Note 1 Lines 1 through 11 will be carried automatically from Schedule I

Note 2 This amount will be calculated automatically by applying the weighted cost of debt to the total invested capital

Note 3 Excess of tax depreciation over depreciation claimed on Schedule I adjusted to remove the effects of Line 14 for all plant reflected in Schedule III

Note 4 This amount will be calculated automatically by applying the applicable statutory tax rate for the report period on line 27 to the taxable income found on Line 26

Note 5 This amount will be calculated automatically by applying the applicable statutory tax rate for the report period on line 27 to the total of Lines 20 and 21

Note 6 This amount will be derived by multiplying non-normalized timing differences times the applicable statutory tax rate for the report period on line 27

Note 7 This amount may reflect the most recent year end balance

Note 8 Enter additions as positive amounts and deductions as negative amounts

Note 9 Include detailed accounting of this line's components on Supplemental Schedule IV

[X] Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV

Weighted Average Cost of Capital

Line	(a) Balance	(b) Percent of Total	(c) Cost	(d) Weighted Cost
1 Common Equity	\$ 9,113,950,744 (a)	44.77%	9.80% *	4.39%
2 Preferred Stock		0.00%	0.00%	0.00%
3 Long-Term Debt	11,243,135,174	55.23%	4.32%	2.39%
4 Short-Term Debt		0.00%	0.00%	0.00%
5				
6 Total	\$20,357,085,918	100.00%		6.78%

*This return on equity was
allowed in Docket No. 46957
The final order was issued on 10/13/2017

Notes: The costs and balances of preferred stock, long-term debt, and short-term debt
should correspond with those provided on Schedules VI, VII, VIII, and IX.

[X] Indicate here if footnote or comment relating to this schedule is included on Supp. Sched. IV

(a) Adjustments to Equity	
Membership interests (10-K \$13,462 million)	\$ 13,461,387,053
Excluding the effects of the 2007 merger (Docket No. 34077) and impacts of OCI	(3,671,382,398)
Regulated equity - compliance with Oncor's debt-to-equity ratio requirement (Docket No. 48929)	\$ 9,790,004,655
Less Docket No. 48929 equity contribution supporting Oncor NTU acquisition goodwill	(676,053,911)
Regulated equity	\$ 9,113,950,744

Docket No. 48929 Order, Ordering Paragraph No. 25: Oncor and the North Texas Utility (Oncor NTU) must not seek recovery of the goodwill recorded as an asset on Oncor's books as a result of the proposed transactions through Oncor's rates and must exclude that goodwill amount from Oncor's rate base.

* Docket No. 46957 rates were in effect during 2022 through April 2023. Allowed return on equity of 9.7% was approved in the order in Docket No. 53601 on April 6, 2023. Docket No. 53601 rates were effective beginning May 1, 2023.

Weighted Average Cost of Capital

Line	(a) Balance	(b) Percent of Total
1 Common Equity incl Docket No. 48929 equity contribution supporting Oncor NTU acquisition goodwill	\$ 9,790,004,655 (a)	46.55%
2 Preferred Stock		0.00%
3 Long-Term Debt	11,243,135,174	53.45%
4 Short-Term Debt		0.00%
5		
6 Total	\$21,033,139,829	100.00%

Return on equity was
allowed in Docket No. 46957
The final order was issued on 10/13/2017

Notes: The costs and balances of preferred stock, long-term debt, and short-term debt should correspond with those provided on Schedules VI, VIa, VII, VIIa, and VIII

[X] Indicate here if footnote or comment relating to this schedule is included on Supp Sched IV

(a) Adjustments to Equity:	
Membership interests	\$ 13,461,387,053
Excluding the effects of the 2007 merger (Docket No. 34077) and impacts of OCI	(3,671,382,398)
Regulated equity - compliance with Oncor's debt-to-equity ratio requirement (Docket No. 48929)	\$ 9,790,004,655

Docket No. 48929 Order, Ordering Paragraph No. 18: The cash equity contributions invested by Oncor's owners used to directly finance the transactions contemplated by the asset exchange agreement dated October 18, 2018 must be included in the calculations reported in Oncor's earnings-monitoring report solely for purposes of determining compliance with Oncor's debt-to-equity ratio requirement as set by finding of fact 56 in the final order in Docket No. 47675

* Docket No. 46957 rates were in effect during 2022 through April 2023. Allowed return on equity of 9.7% was approved in the order in Docket No. 53601 on April 6, 2023. Docket No. 53601 rates were effective beginning May 1, 2023.

Weighted Average Cost of Preferred Stock (Note 1)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
Line	Description	Issuance Date	Mandatory Redemption (Y/N)	Dividend Rate	Par Value at Issuance	Premium or (Discount)	Underwriting Fees and Issuance Expenses	Gain or (Loss) on Redeemed Stock	Original Net Proceeds	Par Value Currently Outstanding	Current Net Proceeds	Issue As % of Total Net Proceeds	Cost of Money	Weighted Average Cost
1	None								\$0	0.000%	\$0	\$0	0.000%	0.000%
							Total			\$0	\$0	0.000%		0.000%
							Plus: Unamortized Premium (Discount)			\$0				
							Less: Unamortized Fees and Issuance Expenses			\$0				
							Plus: Unamort. Gains (Losses) on Redeemed Stock			\$0				
							Net Balance of Preferred Stock			\$0				

Note 1: Exclude pre-September 1998 long-term debt and preferred stock transaction costs if they are being amortized as a cost-of-service item per the final order in the company's unbundled cost-of-service docket.
[] Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV.

Adjusted Cost of Preferred Stock

LINE		
1	Balance of Unamortized Gains (Losses) on	\$0
2	Redeemed Stock (Sched VI)	
3	- Balance Related to Gains (Losses) Identified	\$0
4	in Col.(h) of Schedule VI	
5		
6	Net Balance of Unamortized Gains (Losses) Not	\$0
7	Accounted for in Col (h) of Schedule VI	
8		
9		
10	Annual Amortization of Gains (Losses) on	\$0
11	Redeemed Stock	
12	- Annual Amortization Related to Gains (Losses)	\$0
13	Identified in Col (h) of Schedule VI	
14		
15	Net Annual Amortization of Gains (Losses) Not	\$0
16	Accounted for in Col (h) of Schedule VI	
17		
18		
19	Net Balance of Preferred Stock (Sched VI)	\$0
20	- Net Balance of Unamortized Gains (Losses) from Line 6	\$0
21		
22	Preferred Stock Balance Excluding Net Gains (Losses)	\$0
23		
24	x Weighted Average Cost of Preferred Stock (Sched VI)	0.00%
25		
26	Annual Preferred Stock Requirement	\$0
27		
28	- Net Amortization of Gains (Losses) from Line 15	\$0
29		
30	Adjusted Annual Preferred Stock Requirement	\$0
31		
32	Adjusted Cost of Preferred Stock (Line 30/Line 19)	0.00%

[] Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV

Weighted Average Cost of Long-Term Debt (Note 1)

(a)	(b)	(c)	(d)	(e)	(f)	(g)	(h)	(i)	(j)	(k)	(l)	(m)	(n)	(o)
Line	Description	Issuance Date	Maturity Date	Interest Rate	Principal Amount at Issuance	Premium or (Discount)	Underwriting Fees and Issuance Expenses	Gain or (Loss) on Recquired Debt	Original Net Proceeds	Net Proceeds As % of Par	Principal Currently Outstanding	Current Net Proceeds	As % of Total Net Proceeds	Cost of Debt
1	Sr Secured Notes	5/5/2006	5/5/2022	5.000%	1,000,000,000	(1,255,170)	5,321,170	\$0	\$486,407,843	97.282%	486,407,843	\$480,063,139	4.306%	7.223%
2	Sr Secured Notes	11/10/2006	11/10/2022	5.000%	1,000,000,000	(1,177,100)	5,932,000	\$0	\$341,356,101	97.530%	341,356,101	\$315,478,383	2.830%	7.456%
3	Sr Secured Notes	9/9/2009	9/9/2029	7.000%	1,000,000,000	(1,271,667)	7,124,400	\$0	\$295,753,312	98.584%	295,753,312	\$295,753,312	2.653%	8.201%
4	Sr Secured Notes	9/9/2009	9/9/2029	7.000%	400,000,000	(3,496,000)	3,994,434	\$0	\$466,622,566	98.236%	475,000,000	\$466,622,566	4.188%	8.359%
5	Sr Secured Notes	11/14/2011	11/14/2021	5.000%	1,000,000,000	(859,000)	5,959,000	\$0	\$355,111,673	98.778%	400,000,000	\$355,111,673	3.185%	8.301%
6	Sr Secured Notes	1/19/2012	1/19/2022	5.000%	1,000,000,000	(1,205,000)	5,994,000	\$0	\$493,604,125	98.721%	347,559,000	\$343,409,275	3.080%	8.389%
7	Sr Secured Notes	2/4/2014	2/4/2022	2.000%	21,000,000	(500,000)	2,175,000	\$0	\$345,958,143	98.845%	350,500,000	\$345,958,143	3.103%	3.085%
8	Sr Secured Notes	5/4/2015	5/4/2045	3.250%	50,000,000	(1,379,000)	5,255,000	\$0	\$553,083,247	100.561%	550,000,000	\$553,083,247	4.861%	3.719%
9	Sr Secured Notes	5/21/2015	5/21/2045	3.250%	321,000,000	(864,000)	3,166,000	\$0	\$320,764,375	98.697%	325,000,000	\$320,764,375	2.877%	2.874%
10	Sr Secured Notes	5/19/2019	5/19/2029	3.000%	500,000,000	(1,241,000)	5,959,000	\$0	\$655,920,140	100.911%	650,000,000	\$655,920,140	5.884%	3.503%
11	Sr Secured Notes	9/16/2019	9/16/2029	3.000%	450,000,000	(1,141,000)	5,211,000	\$0	\$444,336,500	98.741%	450,000,000	\$444,336,500	3.988%	4.173%
12	Sr Secured Notes	11/1/2019	11/1/2029	3.000%	10,000,000	(241,000)	3,178,000	\$0	\$315,190,128	99.014%	318,328,000	\$315,190,128	2.827%	6.978%
13	Sr Secured Notes	11/16/2019	11/16/2029	3.000%	10,000,000	(241,000)	3,178,000	\$0	\$172,580,009	99.184%	174,000,000	\$172,580,009	1.548%	3.002%
14	Sr Secured Notes	5/14/2020	5/14/2026	3.000%	10,000,000	(241,000)	3,178,000	\$0	\$37,482,471	98.638%	39,000,000	\$37,482,471	0.336%	4.095%
15	Sr Secured Notes	1/27/2021	1/27/2024	2.000%	50,000,000	(1,379,000)	4,144,000	\$0	\$495,863,567	99.133%	500,000,000	\$495,863,567	4.448%	2.937%
16	Sr Secured Notes	8/11/2021	8/11/2043	3.000%	200,000,000	(523,000)	4,841,000	\$0	\$491,388,567	98.278%	500,000,000	\$491,388,567	4.408%	3.298%
17	Sr Secured Notes	11/12/2021	11/12/2043	3.000%	200,000,000	(523,000)	4,841,000	\$0	\$688,458,384	98.351%	700,000,000	\$688,458,384	6.176%	3.196%
18	Sr Secured Notes	3/29/2020	3/29/2026	3.00%	300,000,000	(731,000)	3,131,000	\$0	\$706,129,235	100.876%	700,000,000	\$706,129,235	6.334%	2.051%
19	Sr Secured Notes	3/29/2020	3/29/2026	3.00%	400,000,000	(974,000)	3,111,000	\$0	\$365,400,097	91.350%	400,000,000	\$365,400,097	3.278%	4.209%
20	Sr Secured Notes	10/22/2020	10/22/2026	5.000%	50,000,000	(23,559,385)	3,241,000	\$17,404,580	\$285,751,500	98.584%	50,000,000	\$285,751,500	2.653%	5.444%
21	Sr Secured Notes	5/28/2021	5/28/2025	3.000%	50,000,000	(23,559,385)	3,241,000	\$0	\$442,597,385	98.355%	500,000,000	\$442,597,385	3.970%	0.035%
22	Sr Secured Notes	11/16/2021	11/16/2025	3.000%	50,000,000	(23,559,385)	3,241,000	\$0	\$484,567,000	96.913%	500,000,000	\$484,567,000	4.347%	2.854%
23	HB 2483 Mob Gen Lease (R2) - units 1-2	1/10/2021	1/10/2026	3.000%	5,145,041	(1,146)	\$0	\$0	\$3,145,941	100.000%	2,916,000	\$2,816,007	0.025%	1.800%
24	HB 2483 Mob Gen Lease (R2) - units 3-10	1/10/2021	1/10/2026	3.000%	9,114,146	(1,146)	\$0	\$0	\$834,146	100.000%	748,150	\$748,157	0.007%	1.800%
25	HB 2483 Mob Gen Lease (R2) - units 11-15	1/10/2021	1/10/2026	3.000%	4,890,000	(1,146)	\$0	\$0	\$989,614	100.000%	930,870	\$930,820	0.008%	2.190%
26	Sr Secured Notes	5/28/2021	5/28/2026	4.000%	30,000,000	(1,465,000)	1,430,000	\$0	\$94,602,000	98.651%	300,000,000	\$394,602,000	3.540%	4.317%
27	Sr Secured Notes	5/28/2021	5/28/2026	4.000%	30,000,000	(1,465,000)	1,430,000	\$0	\$92,458,000	98.115%	300,000,000	\$392,458,000	3.520%	4.318%
28	2022 Term Loan	5/6/2022	5/6/2022	1.000%	500,000,000	(2,000,000)	2,000,000	\$0	\$49,732,500	99.959%	100,000,000	\$99,958,846	0.897%	0.036%
29	Sr Secured Notes	3/8/2022	3/8/2024	4.000%	100,000,000	(4,000,000)	4,000,000	\$0	\$92,918,000	98.988%	100,000,000	\$92,918,000	6.216%	4.674%
30	Sr Secured Notes	10/2/2022	10/2/2024	4.000%	50,000,000	(2,000,000)	2,000,000	\$0	\$91,873,500	98.375%	500,000,000	\$491,873,500	4.412%	5.056%
Total											\$11,349,626,884	\$11,148,014,406	100.000%	4.274%

Note 1 Exclude pre-September 1999 long-term debt and preferred stock transaction costs if they are being amortized as a cost-of-service item per the final order in the company's unbundled cost-of-service docket
 [] Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV

Plus	Unamortized Premium (Discount)	\$28,052,544
Less	Unamortized Fees and Issuance Expenses	\$88,179,773
Plus	Unamortized Gains (Losses) on Recq Debt	\$10,646,054
Net Balance of Debt		\$11,243,135,174

Adjusted Cost of Long-Term Debt

LINE		
1	Balance of Unamortized Gains (Losses) on	\$10,646,064
2	Reacquired Debt (Sched VII)	
3	- Balance Related to Gains (Losses) Identified	\$25,975,671
4	in Col (h) of Schedule VII	
5		
6	Net Balance of Unamortized Gains (Losses) Not	(\$15,329,607)
7	Accounted for in Col.(h) of Schedule VII	
8		
9		
10	Annual Amortization of Gains (Losses) on	(\$3,767,769)
11	Reacquired Debt	
12	- Annual Amortization Related to Gains (Losses)	\$873,132
13	Identified in Col (h) of Schedule VII	
14		
15	Net Annual Amortization of Gains (Losses) Not	(\$4,640,901)
16	Accounted for in Col (h) of Schedule VII	
17		
18		
19	Net Balance of Debt (Sched VII)	\$11,243,135,174
20	- Net Balance of Unamortized Gains (Losses) from Line 6	(\$15,329,607)
21		
22	Debt Balance Excluding Net Gains (Losses)	\$11,258,464,781
23		
24	x Weighted Average Cost of Debt (Sched VII)	4.27%
25		
26	Annual Debt Requirement	\$481,138,380
27		
28	- Net Amortization of Gains (Losses) from Line 15	(\$4,640,901)
29		
30	Adjusted Annual Debt Requirement	\$485,779,280
31		
32	Adjusted Cost of Debt (Line 30/Line 19)	4.32%

[] Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV.

Weighted Average Cost of Short-Term Debt

Line	Balance at end of 2019	Balance at end of 2020	Balance at end of 2021	End of Monitoring Period 12 Months Ending December 31, 2022			
				(a) Balance Outstanding	(b) Balance As a % of Total	(c) Average Cost	(d) Weighted Average Cost
1 Bank Loans	\$0	\$0	\$0	\$0	0.00%	0.00%	0.00%
2 Other - Commercial pay	46,000,000	70,000,000	215,000,000	198,000,000	100.00%	4.58%	4.58%
3							
4 Total Notes Payable	\$46,000,000	\$70,000,000	\$215,000,000	\$198,000,000	100.00%		4.58%

[] Indicate here if footnote or comment relating to this schedule is included on Supp Sched IV

Historical Financial Statistics
(Total Company Basis)

Line	Fiscal Year	2018	2019	2020	2021	Monitoring Period
1	Total Debt as a Percent	57.23%	57.29%	54.92%	55.00%	55.20%
2	of Total Capital					
3						
4	CWIP as a Percent of Net Plant	2.55%	3.02%	2.75%	2.43%	3.78%
5						
6	Construction Expenditures as a	15.31%	15.78%	15.64%	14.02%	11.52%
7	Percent of Average Total Capital					
8						
9	Pre-Tax Interest Coverage	2.50	2.94	2.90	3.11	3.25
10						
11	Funds From Operations / Total Debt	26.07%	17.15%	16.52%	16.93%	16.59%
12						
13						
14	Fixed Charge Coverage	1.80	2.54	2.90	3.09	3.27
15						
16	Fixed Charge Coverage (Including	1.80	2.54	2.92	3.09	3.27
17	Distributions on Pref Trust Securities)					
18						
19	Funds From Operations Interest Coverage	4.55	4.75	4.54	4.81	4.98
20						
21	Net Cash Flow / Capital Outlays	64.57	58.10%	47.53%	54.90%	46.01%
22						
23						
24	Cash Coverage of Common Dividends	6.01	4.61	4.75	4.12	4.35
25						
26	AFUDC and Deferrals as a Percent	1.34%	3.58%	4.35%	4.39%	6.94%
27	of Net Income for Common					
28						
29	Return on Average Common Equity	12.35%	11.01%	12.16%	12.78%	12.45%

1. Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV

Revenues, Sales, and Customer Data
Unadjusted Revenue (\$)
(Texas Jurisdiction Only / Retail T&D Only)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Line	Year	Month	Residential	Secondary less than or equal to 10 kW	Secondary greater than 10 kW	Primary less than or equal to 10 kW	Primary greater than 10 kW (Distribution Line)	Primary greater than 10 kW (Substation)	Transmission	Lighting	(Over)/Under-Collection of Wholesale Transmission Costs	Reconcilable EECRF Weather Adjustment	Total E Columns (1) to (10)
1	2022		14,188,636	2,126,916	1,246,417	101,642	24,101,933	2,903,609	9,930,693	5,176,404	3,966,231	0	320,209,340
2	2022	1	180,894,411	2,469,012	1,377,744	101,346	1,358,493	2,729,244	1,193,384	1,184,885	(11,824,177)	0	340,398,027
3	2022	2	167,111,848	7,271,363	1,347,173	101,190	1,579,773	2,072,524	1,457,123	1,203,539	2,162,560	0	336,367,074
4	2022	3	134,341,041	1,217,869	1,213,131	101,214	24,536,790	2,894,405	1,085,180	1,200,045	23,472,417	0	314,548,426
5	2022	4	126,111,117	1,061,198	1,216,213	101,049	2,566,594	2,012,754	1,046,970	1,106,588	20,934,216	0	320,612,907
6	2022	5	175,129,701	1,009,097	1,066,698	101,410	24,126,722	2,629,930	1,104,971	1,182,094	(717,577)	0	352,342,339
7	2022	6	192,628,103	1,214,616	1,076,136	101,654	24,404,149	1,982,823	1,032,380	1,186,771	(24,936,404)	0	391,949,993
8	2022	7	172,607,511	1,246,171	1,011,919	101,047	24,045,115	2,694,107	1,026,131	1,185,393	(35,612,328)	0	404,586,049
9	2022	8	294,122,120	1,561,149	1,046,446	101,197	25,152,095	2,953,811	1,010,412	1,184,169	(34,925,295)	0	399,515,367
10	2022	9	116,367,311	1,011,111	1,111,111	101,111	25,078,733	2,813,540	1,270,158	1,182,188	(17,583,745)	0	345,157,887
11	2022	10	121,911,133	1,183,410	1,083,411	101,088	24,845,787	2,310,344	1,110,629	1,177,537	10,806,199	0	315,989,886
12	2022	11	151,581,310	1,210,369	1,092,581	101,210	24,092,938	3,542,006	1,040,088	1,067,420	(2,055,560)	0	329,285,015
13	Totals (Note 2)		2,090,359,628	95,858,418	1,544,483,995	1,219,700	289,223,200	34,843,304	119,171,682	62,116,846	(66,314,463)	0	4,170,952,310
14													
15	Monitoring Period												
16	Average (lines 1 thru 12)		174,196,636	7,988,202	128,707,000	101,642	24,101,933	2,903,609	9,930,973	5,176,404	(5,526,205)	0	347,580,192

Note 1 As allowed, the column headings above have been relabeled to reflect the customer classes arising from the stipulated agreement approved in the final order in Docket No. 46957

Note 2 Column 11 of this line should correspond to line 2, column 8 of Schedule 1

Revenues, Sales, and Customer Data
Weather-adjusted Revenue (\$)
(Texas Jurisdiction Only / Retail T&D Only)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Line	Year	Month	Residential	Secondary less than or equal to 10 kW	Secondary greater than 10 kW	Primary less than or equal to 10 kW	Primary greater than 10 kW (Distribution Line)	Primary greater than 10 kW (Substation)	Transmission	Lighting	(Over)/Under-Collection of Wholesale Transmission Costs	Reconcilable EECRF Weather Adjustment	Total
E Columns (1) to (10)													
1	2022		162,312,007	1,691,589	1,111,217,711	114,352	2,112,180,515	1,371,957	1,928,485	120,522	5,118,007	(450,925)	331,910,043
2	2022	2	162,710,576	1,691,139	1,111,514,612	110,782	2,112,577	2,746,245	1,124,194	1,184,885	(6,394,849)	272,180	333,841,231
3	2022	3	162,415,413	1,691,139	1,111,514,612	110,782	11,428,446	1,315,547	1,450,442	1,224,530	8,093,325	397,312	326,482,937
4	2022	4	162,661,112	1,691,139	1,111,514,612	110,782	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	312,477,760
5	2022	5	162,415,413	1,691,139	1,111,514,612	110,782	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	314,355,462
6	2022	6	162,415,413	1,691,139	1,111,514,612	110,782	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	340,326,322
7	2022	7	162,415,413	1,691,139	1,111,514,612	110,782	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	370,940,881
8	2022	8	162,415,413	1,691,139	1,111,514,612	110,782	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	383,362,605
9	2022	9	162,415,413	1,691,139	1,111,514,612	110,782	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	401,959,911
10	2022	10	162,415,413	1,691,139	1,111,514,612	110,782	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	344,801,597
11	2022	11	162,415,413	1,691,139	1,111,514,612	110,782	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	317,999,469
12	2022	12	162,415,413	1,691,139	1,111,514,612	110,782	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	1,111,514,612	326,424,272
13	Totals		1,977,486,887	94,050,491	1,543,525,855	1,219,700	289,217,664	34,843,304	119,171,682	62,116,846	(20,915,011)	4,165,072	4,104,882,490
14													
15	Monitoring Period												
16	Average (lines 1 thru 12)		164,790,574	7,837,541	128,627,155	101,642	24,101,472	2,903,609	9,930,973	5,176,404	(1,742,918)	347,089	342,073,541

Note: As allowed, the column headings above have been relabeled to reflect the customer classes arising from the stipulated agreement approved in the final order in Docket No. 46957

Revenues, Sales, and Customer Data
Weather-adjustments to Revenue (\$)
(Texas Jurisdiction Only / Retail T&D Only)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)	(10)	(11)
Line	Year	Month	Residential	Secondary less than or equal to 10 kW	Secondary greater than 10 kW	Primary less than or equal to 10 kW	Primary greater than 10 kW (Distribution Line)	Primary greater than 10 kW (Substation)	Transmission	Lighting	(Over)/Under-Collection of Wholesale Transmission Costs	Reconcilable EECRF Weather Adjustment	Total Σ Columns (1) to (10)
1	2022	1	21,493,967	138,619	4,480	0	(602)	0	0	0	(9,984,837)	(450,925)	11,700,703
2	2022	2	(12,056,062)	(180,833)	(21,479)	0	70	0	0	0	5,429,328	272,180	(6,556,796)
3	2022	3	(17,011,809)	(274,563)	(26,501)	0	178	0	0	0	6,930,835	507,812	(9,884,137)
4	2022	4	(3,554,674)	(65,241)	(13,487)	0	19	0	0	0	1,450,587	112,129	(2,070,667)
5	2022	5	(10,756,721)	(184,850)	(123,614)	0	(1,049)	0	0	0	4,385,798	422,991	(6,257,445)
6	2022	6	(20,570,992)	(342,297)	(171,945)	0	(1,249)	0	0	0	8,424,205	746,252	(12,016,016)
7	2022	7	(36,201,013)	(548,763)	(305,962)	0	(1,610)	0	0	0	14,737,985	1,310,251	(21,009,112)
8	2022	8	(36,575,672)	(549,885)	(313,498)	0	(1,603)	0	0	0	14,889,140	1,328,075	(21,223,444)
9	2022	9	4,774,100	68,423	34,450	0	300	0	0	0	(2,281,321)	(151,408)	2,444,544
10	2022	10	(891,121)	(13,658)	(15,005)	0	(127)	0	0	0	331,536	33,084	(358,290)
11	2022	11	3,922,665	57,797	11,105	0	122	0	0	0	(1,874,998)	(107,107)	2,009,584
12	2022	12	(5,545,321)	(112,686)	(5,564)	0	15	0	0	0	2,661,195	141,739	(2,860,743)
13	Totals		(112,872,742)	(1,807,927)	(958,140)	0	(5,536)	0	0	0	45,399,452	4,165,072	(66,079,820)
14													
15	Monitoring Period												
16	Average (Lines 1 thru 12)		(9,406,062)	(150,661)	(79,845)	0	(461)	0	0	0	3,783,288	347,089	(5,506,652)

Note: As allowed, the column headings above have been relabeled to reflect the customer classes arising from the stipulated agreement approved in the final order in Docket No. 46957

Revenues, Sales, and Customer Data
Unadjusted Sales (MWH)
(Texas Jurisdiction Only / Retail T&D Only)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Line	Year	Month	Residential	Secondary less than or equal to 10 kW	Secondary greater than 10 kW	Primary less than or equal to 10 kW	Primary greater than 10 kW (Distribution Line)	Primary greater than 10 kW (Substation)	Transmission	Lighting	Total Σ Columns (1) to (8)
1	2022	1	3,526,269	145,508	3,447,691	2,424	1,451,082	521,337	1,890,119	31,782	10,816,288
2	2022	2	4,127,372	162,148	3,515,451	2,952	1,429,180	554,512	1,891,816	31,658	11,760,703
3	2022	3	3,930,526	158,520	3,555,652	2,278	1,339,894	548,926	1,813,944	31,553	11,381,313
4	2022	4	2,891,175	140,191	3,515,057	2,435	1,539,478	562,465	2,010,089	31,395	10,695,303
5	2022	5	3,109,922	140,795	3,668,810	2,375	1,542,120	588,398	2,068,960	31,306	11,152,691
6	2022	6	4,425,096	151,405	4,204,641	2,891	1,582,712	582,431	2,034,526	31,183	12,924,565
7	2022	7	5,821,141	185,155	4,782,281	2,275	1,642,850	561,653	1,987,667	31,051	15,017,080
8	2022	8	6,337,216	197,254	5,071,214	2,114	1,718,688	518,164	2,162,138	31,011	16,138,298
9	2022	9	4,922,610	172,315	4,511,180	2,560	1,677,178	590,471	2,114,348	30,973	14,130,624
10	2022	10	3,842,924	153,287	4,094,254	2,358	1,710,262	559,150	2,126,773	30,891	12,519,798
11	2022	11	2,575,515	131,194	3,481,691	2,190	1,610,369	564,391	2,266,515	30,750	10,762,645
12	2022	12	3,259,477	145,242	3,473,938	2,352	1,582,814	590,110	2,171,949	27,937	11,363,520
13	Totals		48,624,782	1,896,226	47,414,679	29,455	18,926,629	6,861,024	24,538,845	371,190	148,662,829
14											
15	Monitoring Period										
16	Average (lines 1 thru 12)		4,052,065	158,019	3,951,223	2,455	1,577,219	571,752	2,044,904	30,932	12,388,569

Note: As allowed, the column headings above have been relabeled to reflect the customer classes arising from the stipulated agreement approved in the final order in Docket No. 46957

Revenues, Sales, and Customer Data
Weather-adjusted Sales (MWH)
(Texas Jurisdiction Only / Retail T&D Only)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Line	Year	Month	Residential	Secondary less than or equal to 10 kW	Secondary greater than 10 kW	Primary less than or equal to 10 kW	Primary greater than 10 kW (Distribution Line)	Primary greater than 10 kW (Substation)	Transmission	Lighting	Total Σ Columns (1) to (8)
1	2022	1	3,846,289	156,205	3,447,039	2,484	1,441,923	531,337	1,890,119	31,782	11,346,178
2	2022	2	3,881,234	157,023	3,470,240	2,952	1,430,253	564,517	1,891,816	31,658	11,419,694
3	2022	3	3,496,817	150,834	3,498,260	2,776	1,342,820	548,926	1,813,944	31,553	10,879,433
4	2022	4	2,799,299	138,342	3,496,854	2,435	1,539,797	562,465	2,010,089	31,395	10,580,718
5	2022	5	2,831,897	136,547	3,474,753	2,375	1,524,931	588,398	2,068,960	31,306	10,658,167
6	2022	6	1,790,813	151,682	2,034,589	2,594	1,562,232	582,431	2,034,525	31,183	12,090,157
7	2022	7	4,384,448	172,573	4,301,064	2,275	1,616,456	561,663	1,987,667	31,051	13,559,097
8	2022	8	5,351,840	181,647	4,570,066	2,614	1,692,409	618,164	2,162,138	31,011	14,658,882
9	2022	9	5,031,463	174,147	4,665,262	2,558	1,682,089	599,471	2,114,348	30,973	14,300,302
10	2022	10	3,827,066	152,922	4,069,128	2,358	1,708,173	559,150	2,126,773	30,891	12,476,461
11	2022	11	2,764,985	132,741	3,499,125	2,190	1,612,364	564,391	2,266,515	30,750	10,873,061
12	2022	12	3,143,939	142,226	3,465,614	2,352	1,683,058	590,110	2,171,949	27,637	11,225,386
13		Totals	45,684,289	1,844,888	45,901,434	29,455	18,836,410	6,861,024	24,538,845	371,190	144,067,534
14											
15		Monitoring Period									
16		Average (lines 1 thru 12)	3,807,024	153,741	3,825,119	2,455	1,569,701	571,752	2,044,904	30,932	12,005,628

Note: As allowed, the column headings above have been relabeled to reflect the customer classes arising from the stipulated agreement approved in the final order in Docket No. 46957

Revenues, Sales, and Customer Data
Weather-adjustments to Sales (MWH)
(Texas Jurisdiction Only / Retail T&D Only)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Line	Year	Month	Residential	Secondary less than or equal to 10 kW	Secondary greater than 10 kW	Primary less than or equal to 10 kW	Primary greater than 10 kW (Distribution Line)	Primary greater than 10 kW (Substation)	Transmission	Lighting	Total Σ Columns (1) to (8)
1	2022	1	520,120	5,597	9,433	0	(5,260)	0	0	0	529,890
2	2022	2	(291,738)	(5,125)	(15,218)	0	1,073	0	0	0	(341,008)
3	2022	3	(139,709)	(1,795)	(57,302)	0	2,926	0	0	0	(501,880)
4	2022	4	(91,878)	(1,852)	(21,173)	0	319	0	0	0	(114,584)
5	2022	5	(278,030)	(5,248)	(194,057)	0	(17,189)	0	0	0	(494,525)
6	2022	6	(534,286)	(9,718)	(250,929)	0	(20,475)	0	0	0	(834,409)
7	2022	7	(935,693)	(15,580)	(480,317)	0	(26,364)	0	0	0	(1,457,984)
8	2022	8	(945,377)	(15,612)	(492,147)	0	(26,280)	0	0	0	(1,479,416)
9	2022	9	(68,854)	1,831	54,082	0	4,911	0	0	0	169,678
10	2022	10	(15,758)	1,365	(25,126)	0	(2,088)	0	0	0	(43,338)
11	2022	11	89,446	1,547	17,434	0	1,964	0	0	0	110,415
12	2022	12	(126,438)	(3,015)	(6,124)	0	244	0	0	0	(138,134)
13	Totals		(2,940,493)	(51,337)	(1,513,245)	0	(90,220)	0	0	0	(4,595,295)
14											
15	Monitoring Period										
16	Average (lines 1 thru 12)		(245,041)	(4,278)	(126,104)	0	(7,518)	0	0	0	(382,941)

Note. As allowed, the column headings above have been relabeled to reflect the customer classes arising from the stipulated agreement approved in the final order in Docket No. 46957

Revenues, Sales, and Customer Data
Weather Data (Residential)
(Texas Jurisdiction Only / Retail T&D Only)

Line	Year	Month	(1) Cooling Degree Days	(2) Normal Cooling Degree Days	(3) Heating Degree Days	(4) Normal Heating Degree Days
1	2022	1	15	3	127	212
2	2022	2	1	2	254	211
3	2022	3	3	7	221	155
4	2022	4	26	26	56	46
5	2022	5	127	74	1	11
6	2022	6	285	207	0	1
7	2022	7	508	369	0	0
8	2022	8	586	446	0	0
9	2022	9	374	390	0	0
10	2022	10	223	219	1	3
11	2022	11	56	63	27	33
12	2022	12	9	10	134	116
13						
14						
15	Monitoring Period					
16	Total (lines 1 thru 12)		2,218	1,815	823	789

[]) Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV.

Normal Cooling Degree and Heating Degree levels derived from the ten-year average temperature ranges from 2012-2021

Revenues, Sales, and Customer Data
Weather Data (Secondary Service)
(Texas Jurisdiction Only / Retail T&D Only)

Line	Year	Month	(1) Cooling Degree Days	(2) Normal Cooling Degree Days	(3) Heating Degree Days	(4) Normal Heating Degree Days
1	2022	1	19	4	206	446
2	2022	2	1	2	522	438
3	2022	3	4	8	444	312
4	2022	4	33	32	123	96
5	2022	5	146	87	3	24
6	2022	6	322	234	0	2
7	2022	7	543	405	0	0
8	2022	8	621	482	0	0
9	2022	9	408	424	0	0
10	2022	10	246	242	2	6
11	2022	11	64	71	60	71
12	2022	12	12	11	295	247
13						
14						
15	Monitoring Period					
16	Total (lines 1 thru 12)		2,419	2,003	1,714	1,641

[]) Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV.

Normal Cooling Degree and Heating Degree levels derived from the ten-year average temperature ranges from 2012-2021

Revenues, Sales, and Customer Data
Number of Delivery Points
(Texas Jurisdiction Only / Retail T&D Only)

			(1)	(2)	(3)	(4)	(5)	(6)	(7)	(8)	(9)
Line	Year	Month	Residential	Secondary less than or equal to 10 kW	Secondary greater than 10 kW	Primary less than or equal to 10 kW	Primary greater than 10 kW (Distribution Line)	Primary greater than 10 kW (Substation)	Transmission	Lighting	Total Σ Columns (1) to (8)
1	2022	1	3,262,500	305,032	204,877	3,113	7,144	130	285	55,114	3,837,390
2	2022	2	3,267,827	305,421	204,484	3,106	7,141	132	285	54,984	3,843,383
3	2022	3	3,277,199	305,464	204,226	3,110	7,101	133	285	54,848	3,848,374
4	2022	4	3,277,749	305,280	204,377	3,106	7,094	131	285	54,698	3,854,690
5	2022	5	3,283,133	305,848	204,594	3,116	7,100	131	287	54,558	3,860,967
6	2022	6	3,289,200	305,778	204,001	3,127	7,102	130	283	54,423	3,867,201
7	2022	7	3,295,222	306,032	205,996	3,131	7,107	132	290	54,275	3,872,786
8	2022	8	3,299,673	306,606	206,906	3,123	7,095	132	292	54,120	3,877,269
9	2022	9	3,303,837	306,386	207,076	3,130	7,103	132	294	53,922	3,880,876
10	2022	10	3,308,121	306,506	207,090	3,121	7,121	131	294	53,805	3,885,128
11	2022	11	3,313,416	306,022	207,297	3,122	7,121	131	294	53,723	3,890,627
12	2022	12	3,319,692	303,881	208,093	3,121	7,127	133	294	53,597	3,896,232
13											
14	Monitoring										
15	Period										
16	Average (lines 1 thru 12)		3,291,152	306,009	205,752	3,124	7,113	132	289	54,339	3,867,910

Note: As allowed, the column headings above have been relabeled to reflect the customer classes arising from the stipulated agreement approved in the final order in Docket No. 46957.

|| Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV.

Revenues, Sales, and Customer Data
Weather Adjustment Procedure

Please provide a brief explanation of the procedure that the company used to derive the weather- adjustment results provided in Schedules XI.1-XI.3. If models are used in the development of the weather-adjusted results, please provide a brief explanation of the models used.

Include all supporting workpapers.

Weather normalization adjustments are calculated in a six-step process. In the first step, system daily temperatures are converted into heating and cooling degree days using several reference temperatures (or bases), which are then combined using sales weights to obtain total system degree days by rate class. Second, the degree days for these multiple bases are then used, along with daily load research data, to determine the varying responses to different temperature levels by customer class. Third, daily degree days from the first step are spline-weighted and billing cycle adjusted to develop the appropriate monthly actual weather measures for inclusion in the weather normalization regressions. Fourth, monthly billed weather models by class are developed using spline-weighted heating and cooling degree days and other explanatory variables including indices of household size, household income, inflation-adjusted electric prices and appliance saturations and efficiencies.

Steps one through four serve to develop the weather adjustment coefficients or weather responsiveness. In the fifth step, daily normal degree days are calculated as the 31-day centered moving average of the simple 10-year average (2012-2021). These daily normal degree days are spline-weighted and billing cycle-adjusted to develop class normal degree day variables consistent with the variables employed in the regressions. In the final step, the regression coefficients for each of the final weather models are used along with applicable scaling factors, number of premises (if the predicted variable was use per premise), normal degree days and actual degree days to quantify monthly weather normalization adjustments by customer class.

Revenues, Sales, and Customer Data
Other Adjustments to Revenue

Did you experience in the monitoring period any of the following that might have affected your base revenue significantly:

- (a) major loss of load;
- (b) significant expansion;
- (c) any other event causing significant change in base revenue.

If yes, please explain. If possible, enumerate base revenue adjustments for each of these factors. (Note: Do not identify individual customers loads.)

- (a) No
- (b) No
- (c) No

COMPANY ADJUSTMENTS

For each adjustment please provide a full description. Supporting workpapers (if any) should be provided as a supplemental attachment to the Earnings Report

Ref Line	Description	Total Electric	Allocation Percentage	Texas Jurisdictional
Sch I, Ln 3	Record affiliate transmission matrix revenues	\$ 442,812,448	100%	\$ 442,812,448
Sch I, Ln 3	Record affiliate transmission matrix revenues - Oncor NTU	\$ 83,707,690	100%	\$ 83,707,690
Sch I, Ln 3	Record affiliate operating revenues for operations services provided to Oncor NTU	\$ 9,157,671	100%	\$ 9,157,671
Sch I, Ln 3	Remove Energy Efficiency performance bonus recognized (Docket No. 53671)	\$ (28,029,733)	100%	\$ (28,029,733)
Sch I, Ln 3	Remove EECRF revenues - collection of interest on under-recovery (Docket No. 52178)	\$ (67,614)	100%	\$ (67,614)
Sch I, Ln 3, Column (7)	Other revenues - rent from fiber optics	\$ 961,339	100%	\$ 961,339
Sch I, Ln 3, Column (7)	Other revenues - rent from antenna leases	\$ 15,188,921	100%	\$ 15,188,921
Sch I, Ln 3, Column (7)	Other revenues - rent from property & right of way	\$ 1,097,246	100%	\$ 1,097,246
Sch I, Ln 3, Column (7)	Other revenues - other electric - DC Ties	\$ 2,581,339	100%	\$ 2,581,339
Sch I, Ln 3, Column (7)	Other revenues - other electric - operations services	\$ 9,157,671	100%	\$ 9,157,671
Sch I, Ln 3, Column (7)	Other revenues - other electric	\$ 22,086,681	100%	\$ 22,086,681
Sch I, Ln 13	Reclass non-service costs for pension and OPEBs to depreciation from non-operating - other deductions (from GAAP to regulatory)	\$ 2,462,407	100%	\$ 2,462,407
Sch I, Ln 15	Reclass other taxes (ad valorem taxes) for non-utility property to non-operating	\$ (249,502)	100%	\$ (249,502)
Sch I, Ln 24	Reclass other taxes (ad valorem taxes) for non-utility property to non-operating (post-tax)	\$ (197,107)	100%	\$ (197,107)
Sch I, Ln 24	Reclass recoverable non-service costs for pension and OPEBs to depreciation from non-operating - other deductions for GAAP (net of FIT)	\$ 1,845,301	100%	\$ 1,845,301
Sch I, Ln 24	Reclass recoverable non-service costs for pension and OPEBs to O&M from non-operating - other deductions for GAAP (net of FIT)	\$ 42,071,426	100%	\$ 42,071,426
Sch II, Ln 8	Record affiliate transmission matrix costs	\$ 442,812,448	100%	\$ 442,812,448
Sch II, Ln 8	Record affiliate transmission matrix costs - Oncor NTU	\$ 83,707,690	100%	\$ 83,707,690
Sch II, Ln 1	Record affiliate operating costs incurred by Oncor NTU	\$ 3,549,842	100%	\$ 3,549,842
Sch II, Ln 2	Record affiliate operating costs incurred by Oncor NTU	\$ 2,881,870	100%	\$ 2,881,870
Sch II, Ln 3	Record affiliate operating costs incurred by Oncor NTU	\$ 112,900	100%	\$ 112,900
Sch II, Ln 4	Record affiliate operating costs incurred by Oncor NTU	\$ 197,687	100%	\$ 197,687
Sch II, Ln 8	Record affiliate operating costs incurred by Oncor NTU	\$ 2,064,228	100%	\$ 2,064,228
Sch II, Ln 10	Record affiliate operating costs incurred by Oncor NTU	\$ 51,144	100%	\$ 51,144
Sch II, Ln 1	Remove social club dues and fees	\$ (939)	100%	\$ (939)
Sch II, Ln 3	Remove social club dues and fees	\$ (9,135)	100%	\$ (9,135)
Sch II, Ln 6	Remove social club dues and fees	\$ (179)	100%	\$ (179)
Sch II, Ln 9	Remove social club dues and fees	\$ (197,332)	100%	\$ (197,332)
Sch II, Ln 9	Reclass recoverable non-service costs for pension and OPEBs to O&M from non-operating - other deductions for GAAP	\$ 53,254,970	100%	\$ 53,254,970
Sch III, Ln 1	Reclass recoverable non-service costs for pension and OPEBs to plant in service (from regulatory asset for GAAP)	\$ 135,237,563	100%	\$ 135,237,563
Sch III, Ln 1	Reclass HB 2483/PURA 39 918 Mobile Gen Capital leases - plant in service (GAAP operating lease - RCU asset)	\$ 4,969,702	100%	\$ 4,969,702
Sch III, Ln 1	Reclass Oncor NTU Plant Acquisition Adjustment - Docket No. 41430 to regulatory asset	\$ (22,474,788)	100%	\$ (22,474,788)
Sch III, Ln 1	Exclusion of plant in service - leasehold improvement offset by operating lease liability	\$ (19,251,400)	100%	\$ (19,251,400)
Sch III, Ln 2	Reclassify estimated net removal costs	\$ (1,431,167,050)	100%	\$ (1,431,167,050)
Sch III, Ln 2	Reclass recoverable non-service costs for pension and OPEBs to accumulated depreciation (from regulatory asset for GAAP)	\$ (7,695,252)	100%	\$ (7,695,252)
Sch III, Ln 2	Reclass HB 2483/PURA 39 918 Mobile Gen Capital leases - accumulated depreciation (GAAP operating lease - RCU asset)	\$ (697,988)	100%	\$ (697,988)
Sch III, Ln 2	Exclusion of accumulated depreciation - leasehold improvement offset by operating lease liability	\$ 2,581,193	100%	\$ 2,581,193
Sch III, Ln 5	Reclass recoverable non-service costs for pension and OPEBs to construction (from regulatory asset for GAAP)	\$ 1,254,571	100%	\$ 1,254,571
Sch III, Ln 9	Remove prepayment	\$ (146,678)	100%	\$ (146,678)
Sch III, Ln 22	Remove PHFU projects beyond 2032	\$ 2,586,759	100%	\$ 2,586,759
Suppl Sch I-1, Ln 3	Reclass amortization of plant acquisition adjustment - Oncor NTU (Docket No. 41430) from non-operating	\$ 877,879	100%	\$ 877,879
Sch I, Ln 24	Reclass amortization of plant acquisition adjustment - Oncor NTU (Docket No. 41430) from non-operating	\$ 772,524	100%	\$ 772,524
Suppl Sch II-1	HB 2483/PURA 39 918 Mobile Gen Capital leases - return (non-GAAP)	\$ 315,269	100%	\$ 315,269
		Total Company	Allocation Percentage	Total Electric
Sch III, Ln 1	Remove non-regulated plant	\$ (6,169,859)	0%	\$ -

EXTRAORDINARY AND NONRECURRING ITEMS

A. Reporting Period

Ref. Schedule	Column	Line Number	Description	Total Electric	Texas Juris.
------------------	--------	----------------	-------------	-------------------	-----------------

B. Prospective Period

Ref. Schedule	Column	Line Number	Description	Total Electric	Texas Juris.
------------------	--------	----------------	-------------	-------------------	-----------------

I	(1)	11 and 24	Total Company write-off (pre-tax) in March 2023, as set forth in the Order approved April 6, 2023 in Docket No. 53601, of disallowances for certain employee benefit and compensation related costs that were previously capitalized primarily to plant in service 2017 through 2022.	\$ 18,681,180	\$ 68,581,180
---	-----	-----------	---	---------------	---------------

AMORTIZATION EXPENSE

Line	Description	Total Company	Total Electric	Texas Jurisdictional
1	Amortization of Intangible Plant	\$70,753,493	\$70,753,493	\$70,753,493
2	Amortization of plant acquisition adjustments	(30,674)	(30,674)	(30,674)
3	Amortization of plant acquisition adjustment - Oncor NTU (Docket No. 41430)	0	977,878	977,878
4		0	0	0
5		0	0	0
6		0	0	0
7		0	0	0
8		0	0	0
9		0	0	0
10		0	0	0
11		0	0	0
12		0	0	0
13		0	0	0
14		0	0	0
15		0	0	0
16		0	0	0
17		0	0	0
18		0	0	0
19		0	0	0
20		0	0	0
21				
22	Total Amortization Expense Other	\$70,722,819	\$71,700,698	\$71,700,698

Note: Include pre-September 1999 long-term debt and preferred stock transaction costs if they are being amortized as a cost-of-service item per the final order in the company's unbundled cost-of-service docket. The reported amount should also include any allowed return granted in the company's unbundled cost-of-service docket and not included as an addition to rate base. Post-September 1999 long-term debt and preferred stock transaction costs should be included in Schedule VIa and VIa.

1. Indicate here if footnote or comment relating to this schedule is included on Supp Sched IV

OTHER EXPENSES

Line	Description	Total Company	Total Electric	Texas Jurisdictional
1		\$0	\$0	\$0
2		0	0	0
3		0	0	0
4		0	0	0
5		0	0	0
6		0	0	0
7		0	0	0
8		0	0	0
9		0	0	0
10		0	0	0
11		0	0	0
12		0	0	0
13		0	0	0
14		0	0	0
15		0	0	0
16		0	0	0
17		0	0	0
18		0	0	0
19		0	0	0
20		0	0	0
21				
22	Total Other Expenses	\$0	\$0	\$0

☐ Indicate here if footnote or comment relating to this schedule is included on Supp Sched IV

Summary of 16 Tex. Admin. Code § 25.77 Expenditures

Line	Description	Total Electric	Texas Jurisdiction	FERC Account No.
1	Business gifts and Entertainment	\$373,204	\$373,204	580 921 930
2	Institutional Advertising	\$0	\$0	-
3	Consumption-Inducing Advertising	\$0	\$0	-
4	Other Advertising	\$2,071,903	\$2,071,903	903 906 921 923 930 931
5	Public Relations Expense	\$0	\$0	-
6	Legislative Advocacy (Note A)	\$3,375,540	\$3,375,540	426
7	Representation Before a Gov't Body (Note B)	\$913,520	\$913,520	185
8	Legal Expenses (Note C)	\$14,410,829	\$14,410,829	107 108 182 186 232 426 921 923 925 930
9	Charitable, Civic, and Religious Donations	\$4,863,907	\$4,863,907	186 566 588 921 923 930 931
10	Political Contributions	\$0	\$0	-
11	Dues and Membership Fees	\$4,699,614	\$4,699,614	107,153 184 186 228 560 561 566 568 580 586 588 590 593 597 903 908 921 923 925 930 931 932
12				
13	Total	\$30,708,517	\$30,708,517	

Note A: Information shall include, but not be limited to, advocacy before any legislative body.

Note B: Information shall include representation before any governmental agency or body, including municipalities.

Note C: Information shall include legal expenses not accounted for in other categories.

[] Indicate here if footnote or comment relating to this schedule is included on Supplemental Schedule IV.

OTHER INVESTED CAPITAL ADDITIONS
End of Reporting Period

Line	Description	Total Company	Total Electric	Texas Jurisdictional
1	2005 Legislative Deferrals			
2	Retirement Plan Costs	\$ 104,607,455	\$ 104,607,455	\$ 104,607,455
3	Other Post-Employment Benefit Costs	14,568,361	14,568,361	14,568,361
4	Advanced Metering Costs including Under-Recovery	106,824,078	106,824,078	106,824,078
5	Bad Debt Expenses	8,091,839	8,091,839	8,091,839
6	Wholesale Distribution Substation Service	96,515,575	96,515,575	96,515,575
7	Recoverable plant-related non-service costs pension/OPEBs for GAAP	127,542,311	0	0
8	Recoverable construction-related non-service costs pension/OPEBs for GAAP	1,354,571	0	0
9	Oncor NTU Study Costs/Transition to Competition	2,436,072	2,436,072	2,436,072
10	Power Line Safety Act (PURA 36.065)	10,434,514	10,434,514	10,434,514
11	COVID-19 Incremental Expenses (Project No. 50654)	36,940,726	36,940,726	36,940,726
12	Mobile Generators (HB 2483 & PURA 39.918)	2,258,498	2,258,498	2,258,498
13	Sharvland Interim Residential Rate	627,363	627,363	627,363
14	Dkt 48522 Capital structure refund (over-refund)	81,418	81,418	81,418
15	Dkt 48325 FIT refund - rate (over-refund)	2,354,715	2,354,715	2,354,715
16	Rocky Mount Series Compensator	1,116,896	1,116,896	1,116,896
17	Oncor NTU Plant Acquisition Adjustment - Docket No. 41430	0	21,474,786	21,474,786
18		0	0	0
19		0	0	0
20		0	0	0
21				
22	Total Other Invested Capital Additions	\$515,751,125	\$409,744,300	\$409,744,300

|| Indicate here if footnote or comment relating to this schedule is included on Supp Sched IV

OTHER INVESTED CAPITAL DEDUCTIONS
End of Reporting Period

Line	Description	Total Company	Total Electric	Texas Jurisdictional
1	Estimated Net Removal Costs	\$ 11,421,167,050	\$0	\$0
2	2005 Legislative Deferrals			
3	Other Post-Employment Benefit Costs	60,388,070	(60,388,070)	60,388,070
4	Over-amortization of intangible investment	(17,269,069)	(17,269,069)	(17,269,069)
5		0	0	0
6		0	0	0
7		0	0	0
8		0	0	0
9		0	0	0
10		0	0	0
11		0	0	0
12		0	0	0
13		0	0	0
14		0	0	0
15		0	0	0
16		0	0	0
17		0	0	0
18		0	0	0
19		0	0	0
20		0	0	0
21				
22	Total Other Invested Capital Deductions	(\$1,508,824,189)	(\$77,657,139)	(\$77,657,139)

Indicate here if footnote or comment relating to this schedule is included on Supp Sched IV.

COMMENTS/FOOTNOTES/PROPOSED ADJUSTMENTS

Ref. Schedule	Column	Line Number	Comments/Footnotes/Proposed Adjustments	Amount
I	(7)	3	Wholesale transmission revenues include payments received from the affiliate Retail T&D business for wholesale transmission service per the Commission's wholesale transmission matrix.	526,520,138
I	(8)	3	Retail T&D revenues exclude the Energy Efficiency performance bonus recognized (Docket No. 53671).	(28,029,733)
I	(8)	11	Expenses include the payments for wholesale transmission from Retail T&D to its affiliate wholesale transmission service providers per the Commission's wholesale transmission matrix.	526,520,138
Ia		2	Oncor Electric Delivery remits all collections for Nuclear Decommissioning Funds (NDF) directly to Vistra Operations Company LLC, where the funds are deposited in the Nuclear Decommissioning Trust. Oncor does not recognize NDF billings as revenues.	23,655,830
II	(5)	8	Expenses include the payments for wholesale transmission from Retail T&D to its affiliate wholesale transmission service providers per the Commission's wholesale transmission matrix.	526,520,138
IV	1	39	Research & Development Credit	(410,994)
V, Va	(a)	1	As shown in the footnote on Schedule V and Va, Common Equity excludes the effects of the merger per the commitments in Docket No. 34077 and impacts of OCI.	(3,671,382,398)
V	(a)	1	As shown in the footnote on Schedule V, Common Equity excludes the equity contribution supporting the goodwill per the commitments in Docket No. 48929.	(676,053,911)
I-V			Impacts from the determinations in the Order approved in Docket No. 53601 (2022 rate case) on April 6, 2023 are not included in this earnings report for 12 months ending December 31, 2022. Docket No. 46957 base rates were in effect during the 12 months ending December 31, 2022. The effective date of Docket No. 53601 rates is May 1, 2023.	
V, Va			Allowed return on equity in the Order approved in Docket No. 53601 (2022 rate case) on April 6, 2023 is 9.7%.	

DEFINITION. Special rates include rates such as legislatively mandated rates

Please complete the information required by items 1, 2, 3, and 4 in the table below

Answer the following in the table below

1. Name and describe the qualification criteria for each special rate schedule available to customers and reported in each row of the following table. Separate jurisdictions should also be identified in this column
2. Provide the total number of delivery points taking service at each special rate
3. Provide the total actual base revenue recovered during the reporting period from all delivery points taking service at each special rate
4. Assuming that special-rate services were provided at corresponding standard tariff rates, calculate the total amount of base revenues that would result

Revenue Imputation for Special Rates

(1)	(2)	(3)	(4)
Name of Special Rates	Total Number of Delivery Pts	Total Actual Base Revenues Recovered	Total Amount of Base Revenues Assuming Standard Tariffs
	0	\$0	\$0
	0	\$0	\$0
	0	\$0	\$0
	0	\$0	\$0
	0	\$0	\$0
	0	\$0	\$0
	0	\$0	\$0
	0	\$0	\$0
TOTAL		\$0	\$0

Revenue Imputation

Base Revenues at Standard Tariff	Col (4)	\$0
Less Actual Base Revenues	Col (3)	\$0

Signature Page
Public Utility Commission of Texas--Earnings Report
12 Months Ending December 31, 2022

I certify that I am the responsible official of Oncor Electric Delivery Company LLC;
that I have examined the foregoing report; that to the best of my knowledge, information, and belief, all
statements of fact contained in the said report are true and the said report is a correct statement of the
business and affairs of the above-named respondent in respect to each and every matter set forth
therein during the period from January 1, 2022 to December 31, 2022 inclusive.

May 11, 2023
Date


Signature

Vice President and Controller
Title

Address: 1616 Woodall Rodgers Freeway
Dallas, TX 75202

Phone: (214) 486-3265

Email address: William.Ledbetter@oncor.com

Alternative contact regarding this report:

Name: J. Michael Sherburne
Title: Vice President - Regulatory

Address: 1616 Woodall Rodgers Freeway
Dallas, TX 75202

Phone: (214) 486-4981

Email address: Mike.Sherburne@oncor.com

Oncor Electric Delivery Company LLC (including Oncor NTU)
Total to Date January 1, 2018 through December 31, 2022

Schedule CapEx

CAPITAL EXPENDITURES COMMITMENT

Line	(1) 12 Months Ending December 31, 2022	(2) To Date December 31, 2022
1 Capital Expenditures Commitment (Note 1)		\$ 7,500,000,000
2 Less: Siting Delays		-
3 Less: Cancellations of Projects by Third-Parties		-
4 Less: Weaker than Expected Economic Conditions		-
5 Less: Oncor Determines Expenditure Would Not Be Prudent		-
6		
7 Adjusted Capital Expenditures Commitment		\$ 7,500,000,000
8		
9		
10 Capital Expenditures		
11 Construction	\$ 2,920,891,968	\$ 11,505,901,947
12 Costs to Remove Retired Property Less Salvage and Other Recoveries	103,682,730	\$ 419,987,147
13		
14 TOTAL CAPITAL EXPENDITURES	\$ 3,024,574,698	\$ 11,925,889,094
15		
16		
17 Total Capital Expenditures Above Commitment through December 31, 2022		\$ 4,425,889,094
18		
19		
20		
21		

Note 1 Docket No. 47675 Capital Expenditure Commitment: Oncor shall make minimum capital expenditures equal to a budget of at least \$7.5 billion over the five-year period beginning January 1, 2018, and ending December 31, 2022, subject to the following adjustments to the extent reported to the Commission in Oncor's earnings monitor report. Oncor may reduce capital spending due to conditions not under Oncor's control, including, without limitation, siting delays, cancellations of projects by third-parties, weaker-than-expected economic conditions, or if Oncor determines that a particular expenditure would not be prudent.

Schedule A : Summary of Distribution Cost of Service (DCOS)

Distribution Cost Recovery Factor Oncor Electric Delivery Company LLC Oncor DCRF Baseline, 12/31/2021 Test Year					
Line No.	Description	Balance Approved Per Rate Case Final Order (1)	Exclusions for DCRF (2)	Balance Approved For DCRF (3) = (1) + (2)	Reference Schedule
1	Operation & Maintenance , including (A&G)	2,538,516,451	(2,538,516,451)	-	Docket No. 53601
2	Depreciation and Amortization	543,360,740	(32,269,230)	511,091,510	E-1
3	Taxes Other Than Income Taxes	458,954,797	(315,657,939)	143,296,858	E-2
4	Federal Income Tax	68,683,857	(14,477,773)	54,206,084	E-3
5	Return on Rate Base	641,314,733	(87,781,292)	553,533,441	B
6	Total Revenue Requirement	4,250,830,577	(2,988,702,685)	1,262,127,892	
7	Other Revenues	(70,078,084)	70,078,084	-	Docket No. 53601
8	Total	\$4,180,752,493	(\$2,918,624,601)	\$1,262,127,892	

DCRF Baseline approved in Compliance Docket No. 54817, Order No. 6 on August 8, 2023

Schedule B: Summary of Distribution Rate Base

Distribution Rate Base Oncor Electric Delivery Company LLC Oncor DCRF Baseline, 12/31/2021 Test Year					
Line No	Description	Balance Approved Per Rate Case Final Order (1)	Exclusions for DCRF (2)	Balance Approved For DCRF (3) = (1) - (2)	Reference Schedules
1	Direct Assigned:				
1	Original Plant In Service	16,698,730,341		16,698,730,341	B-1
2	(Accumulated Depreciation)	(6,534,021,048)		(6,534,021,048)	B-5
3	Net Plant In Service	10,164,709,293	0	10,164,709,293	
4	Allocated Plant Accounts- Net	262,412,268	262,412,268	-	Docket No 53601
5	CWIP	-	-	-	Docket No 53601
6	Working Capital	(12,898,686)	(12,898,686)	-	Docket No 53601
7	Plant Held for Future Use	1,745,979	1,745,979	-	Docket No 53601
8	Regulatory Assets/Liabilities excluding non-tax	903,452,153	903,452,153	-	Docket No 53601
9	Other	176,276,176	176,276,176	-	Docket No 53601
10a	Accumulated Deferred FIT (ADFIT) - Non Plant	5,949,630	5,949,630	-	Docket No 53601
10b	Excess ADFIT - Non Plant	(16,918,089)	(16,918,089)	-	Docket No 53601
10c	Acc ADFIT & Excess ADFIT -Non Plant	(10,968,459)	(10,968,459)	-	Docket No 53601
10d	Accumulated Deferred FIT (ADFIT) - Plant Related	(1,260,470,111)		(1,260,470,111)	E-3 10
10e	Protected Excess ADFIT - Plant Related *	(491,578,167)		(491,578,167)	E-3 10
10f	Non-protected Excess ADFIT - Plant Related *	(88,849,874)		(88,849,874)	E-3 10
10g	Acc. ADFIT & Excess ADFIT -Plant Related	(1,840,898,152)	-	(1,840,898,152)	B-7, L 24, Col 5, E-3.10
11	Subtotal	(783,290,989)	1,057,607,163	(1,840,898,152)	
12	Total Rate Base	9,643,830,572	1,320,019,431	8,323,811,141	
13	Rate of Return	6.65%	6.65%	6.65%	Docket No 53601
14	Return on Rate Base	\$641,314,733	\$87,781,292	\$553,533,441	

* Docket No 53601 Order Finding of Fact No 370

Non-tax related regulatory assets	903,452,153	Line 8
Tax-related regulatory assets/(liabilities)	(597,346,130)	(details below)
Total - Regulatory assets/(liabilities)	306,106,023	
Less plant-related excess deferred taxes	(580,428,041)	Lines 10e & 10f
Regulatory Assets excl plant-related excess deferred FIT	886,534,064	
Materials & Supplies	74,796,188	
Prepayments	104,576,673	
Other Rate Base Items	(3,096,684)	
Other	176,276,176	Line 9
ADFIT plant-related liability	(1,260,470,111)	Line 10b
ADFIT non-plant related liability	(211,669,351)	Line 10a
ADFIT non-plant related asset	217,618,981	Line 10a
Total - ADFIT	(1,254,520,481)	
Protected excess deferred taxes	(491,578,167)	Line 10e
Non-protected excess deferred taxes.		
Oncor plant-related basis differences	(97,762,907)	Line 10f
Oncor non-plant temporary differences	(16,918,089)	Line 10b
Oncor excess reserve plant-related	8,913,033	Line 10f
Total - Tax-related regulatory assets/(liabilities)	(597,346,130)	Excess deferred federal income taxes
Plant-related excess deferred taxes	(580,428,041)	Lines 10e & 10f
Non-tax related regulatory assets	903,452,153	Line 8
Oncor non-plant temporary differences	(16,918,089)	Line 10b
Reg assets excl plant-related excess DFITs	886,534,064	

DCRF Baseline approved in Compliance Docket No 54817, Order No 6 on August 8, 2023

Schedule B-1: Distribution Plant

Distribution Plant Oncor Electric Delivery Company LLC Oncor DCRF Baseline, 12/31/2021 Test Year			Reference Schedule Worksheet	Balance Approved Per Rate Case Final Order (1)
Line No	Account No	Description		
Distribution Intangible Plant				
1a	A303	Miscellaneous Intangible Plant - 3 year life		214,681.57
1b	A303	Miscellaneous Intangible Plant - 5 year life		18,575,397.65
1c	A303	Miscellaneous Intangible Plant - 8 year life		172,777,633.63
1d	A303	Miscellaneous Intangible Plant - 15 year life		481,308,731.46
1e	A303	Miscellaneous Intangible Plant - 7 year life (AMS)		146,167,816.21
1f		Sub-Total		819,044,261
Transmission Plant				
2	A352	Structures and improvements		-
3a	A353	Station Equipment		330,462,584
3b	A353	Station Equipment - SVC		51,398,067
4		Sub-Total		381,860,651
Distribution Plant				
5a	A360	Land and Land Rights (substation)		4,537,807
5b	A360	Land and Land Rights		18,508,221
6	A361	Structures and Improvements		137,062,053
7	A362	Station Equipment		1,757,053,883
8	A363	Storage Battery Equipment		-
9	A364	Poles, Towers & Fixtures		2,678,358,261
10	A365	O H. Conductors & Devices		1,675,410,858
11	A366	Underground Conduits		1,082,118,478
12	A367	U G Conductors & Devices		2,553,927,528
13	A368	Line Transformers		2,493,077,762
14	A369	Services		1,652,238,990
15a	A370	Meters		199,955,073
15b	A370	Meters (IDR)		162,996,844
15c	A370	Meters (AMR/AMS)		211,195,565
16	A371	Install on Customer Prem		54,631,097
17	A372	Leased Prop on Cust Premises		-
18	A373	Street Lights		437,403,826
19	A374	Land Owned in Fee		71,344,821
20		Sub-Total		15,189,821,069
General Plant				
21a	A391	Office furniture and equipment - computer equipment		219,019,754
21b	A391	Office furniture and equipment - computer equipment (AMS)		16,170,086
22a	A397	Communication Equipment (amortized)		24,799,846
22b	A397	Communication Equipment Dkt 53601 disallowance (amortized)		(35,767,189)
22c	A397	Communication Equipment (depreciated)		42,233,358
22d	A397	Communication Equipment (routers)		41,548,504
23		Sub-Total		308,004,360
24		TOTAL		16,698,730,341

Not subject to update in DCRF

A388	Land Owned in Fee	25,876,197
A389	Land and Land Rights	82,104
A390	Structures and Improvements	179,909,716
A391	Office Furniture and Equipment- excluding computer equipment	11,853,979
A392	Tools, Shop and Garage Equipment	12,716,429
A393	Stores Equipment	3,803,355
A394	Tools, Shop and Garage Equipment	28,551,509
A395	Laboratory Equipment	21,471,308
A396	Power Operated Equipment	8,557,216
A398	Miscellaneous Equipment	6,947,719
	Subtotal	299,769,532
	Total Plant	16,998,489,873

DCRF Baseline approved in Compliance Docket No. 54817, Order No. 6 on August 8, 2023

Schedule B-5: Distribution Accumulated Depreciation

Distribution Accumulated Depreciation Oncor Electric Delivery Company LLC Oncor DCRF Baseline, 12/31/2021 Test Year				
Line No	Account No	Description	Reference Schedule Worksheet	Balance Approved Per Rate Case Final Order (1)
		Accumulated Depreciation		
		Distribution Intangible Plant		
1a	A303	Miscellaneous Intangible Plant - 3 year life		94,990
1b	A303	Miscellaneous Intangible Plant - 5 year life		4,056,315
1c	A303	Miscellaneous Intangible Plant - 8 year life		71,612,442
1d	A303	Miscellaneous Intangible Plant - 15 year life		133,556,545
1e	A303	Miscellaneous Intangible Plant - 7 year life (AMS)		144,110,138
1f		Sub-Total		353,430,430
		Transmission Plant		
2	A352	Structures and improvements		0
3a	A353	Station Equipment		75,028,805
3b	A353	Station Equipment - SVC		22,141,672
4		Sub-Total		97,170,477
		Distribution Plant		
5a	A360	Land and Land Rights (substation)		928,018
5b	A360	Land and Land Rights		8,767,327
6	A361	Structures and Improvements		41,745,978
7	A362	Station Equipment		463,683,929
8	A363	Storage Battery Equipment		0
9	A364	Poles, Towers & Fixtures		1,107,719,584
10	A365	O H Conductors & Devices		635,328,009
11	A366	Underground Conductors		452,193,524
12	A367	U G Conductors & Devices		578,041,306
13	A368	Line Transformers		743,686,994
14	A369	Services		1,097,314,113
15a	A370	Meters		25,049,410
15b	A370	Meters (IDR)		89,799,408
15c	A370	Meters (AMR/AMS)		221,391,040
16	A371	Install on Customer Prem		75,069,053
17	A372	Leased Prop on Cust Premises		0
18	A373	Street Lights		372,032,657
19	A374	Land Owned in Fee		0
20		Sub-Total		5,912,750,349
		General Plant		
21a	A391	Office furniture and equipment - computer equipment		107,929,875
21b	A391	Office furniture and equipment - computer equipment (AMS)		12,803,166
22a	A397	Communication Equipment (amortized)		4,370,243
22b	A397	Communication Equipment (depreciated)		4,018,003
22c	A397	Communication Equipment (routers)		41,548,504
23		Sub-Total		170,669,791
24		TOTAL		\$6,534,021,048

Not subject to update in DCRF

A388	Land Owned in Fee	-
A389	Land and Land Rights	13,719
A390	Structures and Improvements	15,143,311
A391	Office Furniture and Equipment- excluding computer equipment	783,998
A392	Tools, Shop and Garage Equipment	2,889,835
A393	Stores Equipment	756,988
A394	Tools, Shop and Garage Equipment	11,021,309
A395	Laboratory Equipment	3,404,154
A396	Power Operated Equipment	2,652,611
A398	Miscellaneous Equipment	681,340
	Subtotal	37,357,264
	Total accumulated depreciation	\$6,571,378,312

DCRF Baseline approved in Compliance Docket No 54817, Order No 6 on August 8, 2023

Schedule E-1: Distribution Depreciation Expense

Distribution Depreciation Expense Oncor Electric Delivery Company LLC Oncor DCRF Baseline, 12/31/2021 Test Year			Reference Schedule Worksheet	Balance Approved Per Rate Case Final Order (1)	Depreciation % Approved in Final Order (2)
Line No	Account No.	Description			
		Depreciation Expense			
		Distribution Intangible Plant			
1a	A303	Miscellaneous Intangible Plant - 3 year life		67,947	31.65%
1b	A303	Miscellaneous Intangible Plant - 5 year life		3,562,363	19.18%
1c	A303	Miscellaneous Intangible Plant - 8 year life		19,462,154	11.26%
1d	A303	Miscellaneous Intangible Plant - 15 year life		31,098,478	6.46%
1e	A303	Miscellaneous Intangible Plant - 7 year life (AMS)		1,083,338	amortization
1f		Sub-Total		55,274,281	
		Transmission Plant			
2	A352	Structures and Improvements		0	2.65%
3a	A353	Station Equipment		7,081,159	2.15%
3b	A353	Station Equipment - SVC		1,908,257	3.71%
4		Sub-Total		8,989,416	
		Distribution Plant			
5a	A360	Land and Land Rights (substation)		62,774	1.38%
5b	A360	Land and Land Rights		229,983	1.24%
6	A361	Structures and Improvements		2,856,984	2.08%
7	A362	Station Equipment		36,635,077	2.09%
8	A363	Storage Battery Equipment		0	0.00%
9	A364	Poles, Towers & Fixtures		95,063,646	3.55%
10	A365	O H Conductors & Devices		\$3,354,377	3.18%
11	A366	Underground Conduits		23,578,854	2.18%
12	A367	U G Conductors & Devices		56,786,034	2.22%
13	A368	Line Transformers		56,703,640	2.17%
14	A369	Services		50,246,720	3.04%
15a	A370	Meters		10,466,010	5.23%
15b	A370	Meters (IDR)		6,729,285	4.13%
16	A371	Install on Customer Prem		2,390,143	4.38%
17	A372	Leased Prop on Cust Premises		0	0.00%
18	A373	Street Lights		21,013,687	4.80%
19	A374	Land Owned in Fee			
20		Sub-Total		416,067,214	
		General Plant			
21a	A391	Office furniture and equipment - computer equipment		21,359,371	14.29%
21b	A391	Office furniture and equipment - computer equipment (AMS)		2,310,705	amortization
21c	A391	Office furniture and equipment - computer equipment (amortized - reserve imbalance)		5,726,222	amortization
22a	A397	Communication Equipment (amortized)		1,480,206	6.67%
22b	A397	Communication Equipment Dkt 53601 disallowance - amortization		(2,581,294)	6.67%
22c	A397	Communication Equipment (amortized - reserve imbalance)		491,503	amortization
22d	A397	Communication Equipment (depreciated)		1,973,885	4.67%
22e	A397	Communication Equipment (routers)		0	amortization
23		Sub-Total		80,760,598	
24	Various	Not subject to update in DCRF		32,269,230	Docket No 56301
25		TOTAL		\$543,360,740	

Not subject to update in DCRF

A389	1	Land and Land Rights	1,679	
A390		Structures and Improvements	3,631,194	
A391		Office Furniture	592,699	5.00%
A392		Transportation equipment	1,013,263	
A393		Store Equipment	211,944	
A394		Tools, Shop & Garage Equip	1,774,622	
A395		Lab Equip	1,393,868	
A396		Power Operated Equipment	541,366	
A398		Misc Equip	421,543	
A407, A431		Other amortization expense (details below)	22,687,054	detail below
Line 24		D&A - not subject to update in DCRF	32,269,231	

A406	Amortization of Electric Plant Acquisition Adjustments - Stanton (Sharyland I	(98,236)
A407	AMS under-recovered costs (6)	25,459,958
A407	Over-collection - Intangible Asset Over-Amortization (7)	(2,674,765)
A431	Interest on customer deposits	97
	Other amortization expense	22,687,054

DCRF Baseline approved in Compliance Docket No 54817, Order No. 6 on August 8, 2023

Schedule E-2: Summary of Distribution Taxes Other Than Income Taxes

Distribution Taxes Other Than Income Taxes Oncor Electric Delivery Company LLC Oncor DCRF Baseline, 12/31/2021 Test Year						
Line No.	FERC Account	Account Description	Schedule / Workpaper Reference	Balance Approved per Rate Case Final Order (1)	Exclusions for DCRF (2)	Balance Approved for DCRF (3) = (1) + (2)
		Taxes Other Than Income Taxes:				
1		Ad Valorem Taxes		\$ 140,471,714	(3,535,156)	\$ 136,936,558
2		Payroll Taxes		13,351,589	(13,351,589)	\$ -
3		State Gross Margin (Franchise) Tax		22,048,617	(15,688,317)	\$ 6,360,300
4		Other		283,082,877	(283,082,877)	\$ -
5		Total Taxes Other Than FIT Taxes		\$ 458,954,797	(315,657,939)	\$ 143,296,858

DCRF Baseline approved in Compliance Docket No. 54817, Order No. 6 on August 8, 2023.

Schedule E-3: Summary of Distribution Federal Income Taxes

Distribution Federal Income Taxes Oncor Electric Delivery Company LLC Oncor DCRF Baseline, 12/31/2021 Test Year					Balance Approved For DCRF (3) = (1) + (2)
Line No.	Account Description	Reference Schedule	Balance Approved per Rate Case Final Order (1)	Exclusions for DCRF (2)	
1	<u>Federal Income Taxes</u>				
2					
3	Return on Rate Base	Schedule B	\$ 641,314,733	\$ (87,781,292)	\$ 553,533,441
4					
5	Deductions:				
6	Synchronized Interest		243,410,284	(33,317,290)	210,092,993
7	ITC Amortization		191,148		191,148
8	Amortization of Protected Excess ADIT		7,583,060		7,583,060
9	Amortization of Non-protected Excess ADIT		22,936,199		22,936,199
10	Amortization of Excess ADIT Reserve		(1,782,607)		(1,782,607)
11	Depletion		-		-
12	Other		361,612		361,612
13	Subtotal		272,699,696	(33,317,290)	239,382,406
14					
15	Additions:				
16	Depreciation Differences		150,259		150,259
17	Meals, Commuter Expense, Empl Comp Plans		(1,111,779)		(1,111,779)
18	Subtotal		(961,520)	0	(961,520)
19					
20					
21	Taxable Component of Return		367,653,517	(54,464,002)	313,189,515
22	Tax Factor		26.58228%	26.58228%	26.58228%
23					
24	Federal Income Taxes Before Adjust.		97,730,682	(14,477,773)	83,252,909
25					
26	Tax Credits-Deduct				
27	ITC Amortization		191,148		191,148
28	Amortization of Protected Excess ADIT		7,583,060		7,583,060
29	Amortization of Non-protected Excess ADIT		22,936,199		22,936,199
30	Amortization of Excess ADIT Reserve		(1,782,607)		(1,782,607)
31	R&D Tax Credit		269,284		269,284
32	Add Depreciation Differences		150,259		150,259
33					
34	TOTAL FEDERAL INCOME TAXES		68,683,857	(14,477,773)	54,206,084

Recap of amortization of Excess ADIT (reduces FIT, lines 8-10 and 28-30).

Amortization of Protected Excess ADIT	(7,583,060)	-	(7,583,060)
Amortization of Non-protected Excess ADIT	(22,936,199)	-	(22,936,199)
Amortization of Excess ADIT Reserve	1,782,607	-	1,782,607
Reduction to FIT	(28,736,652)	-	(28,736,652)

DCRF Baseline approved in Compliance Docket No. 54817, Order No. 6 on August 8, 2023

Schedule E-3.10: Distribution Plant Accumulated Deferred Federal Income Taxes (ADFIT) Change

Distribution Plant ADFIT Oncor Electric Delivery Company LLC Oncor DCRF Baseline, 12/31/2021 Test Year			
Line No.	Description	Reference Schedule Workpaper	Distribution Total approved per Rate Case Final Order (1)
1	Total Distribution Plant-related ADFIT incl. Excess	B	(1,840,898,152)

DCRF Baseline approved in Compliance Docket No. 54817, Order No. 6 on August 8, 2023.

ONCOR ELECTRIC DELIVERY COMPANY LLC
COMMISSION DCRF BASELINES
TEST YEAR ENDING 12/31/2021
DOCKET 53601

DCRF Baseline Values

ONCOR

	DIST	Residential	Secondary ≤10 kW	Secondary > 10 kW	Primary ≤10 kW	Primary > 10 kW	Primary Substation	Transmission	Lighting	Wholesale XFMR	Wholesale DLS
DIC _{RC}	8,323,811,141	4,646,371,272	174,412,228	2,912,609,894	2,364,712	462,170,874	44,353,261	10,268,636	42,119,566	5,311,757	23,828,741
ROR _{AT}	0.066500	0.066500	0.066500	0.066500	0.066500	0.066500	0.066500	0.066500	0.066500	0.066500	0.066500
DEPR _{RC}	511,091,510	274,295,782	15,562,920	165,112,390	288,717	26,652,599	1,595,111	717,537	25,452,613	190,433	1,225,408
FIT _{RC}	54,206,084	30,351,815	1,013,903	19,086,723	8,913	2,966,194	294,750	33,895	254,869	35,270	158,932
OT _{RC}	143,296,858	78,290,078	3,667,176	48,147,625	48,033	7,416,115	645,077	180,448	4,453,130	77,167	372,009
DISTREV _{RC}	1,262,127,892	691,921,364	31,842,413	426,035,296	500,917	67,769,271	5,484,429	1,614,759	32,961,382	656,102	3,341,960
ALLOC _{CLASS}		55.820239%	2.095341%	34.991302%	0.028409%	5.552395%	0.532848%	0.123367%	0.506013%	0.063814%	0.286272%
BD _{RC-CLASS}		46,057,336,770	1,879,492,852	154,748,884	27,825,268	39,469,464	12,298,888	43,125,273	379,980,295	1,579,356	1,821,139
BD _{RC-CLASS,BASIS}		KWH	KWH	KW	KWH	KW	KW	KW	KWH	KW	KW

DCRF Baseline approved in Compliance Docket No. 54817, Order No. 6 on August 8, 2023

Oscar Electric Delivery Company LLC
DCRF Summary of Distribution Plant Investment
Update Period 01/01/2022 - 06/30/2023
Sponsor: W. Allen Ledbetter

Line No		Reference			For Original Plant In Service	For Accumulated Depreciation	Reference Worksheet
		Original Plant in Service	Accumulated Depreciation	Net Plant in Service	Reference	Reference	
1	12/31/2021 Balance approved in Docket No. 54817 - Schedule B, Column (1)(A)(1), Lines 1-3	\$ 16,690,730,343	\$ 16,534,021,048	\$ 10,194,709,293	Schedule B (Rate Base) Column (1)(B)(3), Lines 1-3	Schedule B-1 (Distribution Plant - Gross) Column (1), Line 24	Schedule B-5 (Distribution Acc Depr) Column (1), Line 24
3	2022 additions	\$ 1,520,316,270	\$ -	\$ 1,520,316,270			WP/Schedule B 1/1/2022 and WP/Schedule B-1/1/2022 through WP/Schedule B-1/1/3/2022
4	2022 retirements	\$ (325,448,299)	\$ 325,448,299	\$ -			WP/Schedule B-5/1/2022, WP/Schedule B-5/1/1/2022 and WP/Schedule B 5/2
5	2022 adjustments	\$ 12,623,192	\$ -	\$ 12,623,192			
6	2022 depreciation expense	\$ -	\$ (400,299,641)	\$ (400,299,641)			
7	12/31/2022 Balance at end of the update period - Docket No. 55140 Schedule B, Column (1), Lines 1-3	\$ 1,267,690,164	\$ (75,150,342)	\$ 1,132,339,822			
8	Six months ending June 30, 2023 additions	\$ 851,407,660	\$ -	\$ 851,407,660			WP/Schedule B-1/1/6 ME 6/30/2023 and WP/Schedule B 1/1/1/6 ME 6/30/2023 through WP/Schedule B 1/1/1/6 ME 6/30/2023
9	Six months ending June 30, 2023 retirements	\$ (104,642,637)	\$ 104,642,637	\$ -			WP/Schedule B 5/1/6 ME 6/30/2023, WP/Schedule B 5/1/1/6 ME 6/30/2023
10	Six months ending June 30, 2023 adjustments	\$ 26,650,940	\$ -	\$ 26,650,940			
11	Six months ending June 30, 2023 depreciation expense	\$ -	\$ (216,939,369)	\$ (216,939,369)			
12	Six months ending June 30, 2023 (Current DCRF Application)	\$ 773,415,964	\$ (132,296,733)	\$ 641,119,231			
13	January 1, 2022 through June 30, 2023 additions	\$ 2,371,723,930	\$ -	\$ 2,371,723,930		Column (2), Line 24	
14	January 1, 2022 through June 30, 2023 retirements	\$ (430,081,975)	\$ 430,081,935	\$ -			Column (3), Line 24
15	January 1, 2022 through June 30, 2023 adjustments	\$ 39,274,132	\$ -	\$ 39,274,132			WP/Schedule B-5/1/6 ME 6/30/2023
16	January 1, 2022 through June 30, 2023 depreciation expense	\$ -	\$ (617,538,010)	\$ (617,538,010)			Column (2), Line 24
17	Increase in Rate Base 01/01/2022 through 06/30/2023 - Schedule B, Column (5), Lines 1-3	\$ 1,980,906,137	\$ (187,447,075)	\$ 1,793,459,062	Column (5), Lines 1-3		
18	06/30/2023 Balance at end of the update period - Schedule B, Column (4), Lines 1-3	\$ 18,679,856,468	\$ (6,721,448,112)	\$ 11,958,188,346	Column (4), Lines 1-3	Column (4), Line 24	Column (4), Line 24

Oncor Electric Delivery Company LLC
Distribution Cost Recovery Factor
Distribution Plant-Gross
Listing of Distribution Projects over \$100,000 Added During 2022, including Expanded Project Description
As of June 30, 2023
Sponsors: W. Alan Ledbetter and Coler D. Snelleman

Project	Project Title	Expanded Project Description	Plant Account	Addition Amount	In-service Date
OPG45997	2021 Transmission Engineering	Installed, configured and integrated remote radios with the 700 MHz backhaul network at the Hutto, Round Rock, and Pflugerville Transmission substations.	397	210,659.40	12/30/2021
OPG45997 Total				210,659.40	
OPT03065	Davis Street Distribution Auto	Davis Street Distribution Auto	361	70,347.43	2/15/2022
			362	562,192.90	2/15/2022
OPT03065 Total				632,540.34	
OPT03971	Tyler Substation Rebuild to 13	Tyler Substation Rebuild to 13	361	18,342.75	6/26/2020
			362	203,339.77	6/26/2020
OPT03971 Total				221,682.52	
OPT04143	Millers Ferry Substation Insta	Millers Ferry Substation Insta	361	64,815.38	7/13/2022
			362	1,031,491.89	7/13/2022
OPT04143 Total				1,096,307.27	
OPT04152	Farmers Branch SubstationInsta	Farmers Branch SubstationInsta	361	487.87	12/9/2020
			362	283,403.04	12/9/2020
OPT04152 Total				283,890.90	
OPT04155	Blagg Sub Establish Substation	Blagg Sub Establish Substation	361	5,786.68	12/31/2020
			362	287,920.83	12/31/2020
OPT04155 Total				293,707.51	
OPT38432	Big Spring CRMWD Sub Convert s	Big Spring CRMWD Sub Convert s	361	324,880.60	3/29/2022
			362	931,443.52	3/29/2022
OPT38432 Total				1,256,324.12	
OPT39201	West Network Sub Rebuild stat	West Network Sub Rebuild stat	361	3,330.71	6/28/2021
			362	105,625.32	6/28/2021
OPT39201 Total				108,956.03	
OPT39284	KELLER WALL PRICE SUBSTATION I	Keller Wall Price Sub Install	361	448.58	5/15/2020
			362	160,127.44	5/15/2020
OPT39284 Total				160,576.02	
OPT39289	Waxahachie Replace the 228 MV	Waxahachie Replace the 228 MV	353	426,803.48	12/29/2021
OPT39289 Total				426,803.48	
OPT39293	Elkhart Sub Rebuild as Two Tr	Elkhart Sub Install transform	361	78,673.54	12/16/2021
			362	206,694.57	12/16/2021
OPT39293 Total				285,368.11	
OPT39486	Lakecrest Sub Fish Creek Esta	Lakecrest Sub Fish Creek Esta	361	35,602.64	12/30/2020
			362	85,798.43	12/30/2020
OPT39486 Total				121,401.07	
OPT40025	Carrollton Josey Lane Sub In	Carrollton Josey Lane Sub In	362	691,466.60	5/26/2022
OPT40025 Total				691,466.60	
OPT40036	Waxahachie Sub Install Distri	Waxahachie Sub Install Distri	353	100,466.52	2/14/2022
OPT40036 Total				100,466.52	
OPT40733	Boomtown Sub Install Distribu	Boomtown Sub Install Distribu	362	319,737.66	3/22/2022
OPT40733 Total				319,737.66	
OPT40736	Cryovac East Sub Install Dis	Cryovac East Sub Install Dis	362	376,227.07	10/25/2022
OPT40736 Total				376,227.07	
OPT40740	Wichita Falls Sub Install Dis	Wichita Falls Sub Install Dis	353	390,036.42	4/8/2022
OPT40740 Total				390,036.42	
OPT40745	Compton Street Sub Install D	Compton Street Sub Install D	362	154,648.81	2/8/2022
OPT40745 Total				154,648.81	
OPT40781	Mckinney South Sub Install Di	Mckinney South Sub Install Di	362	291,851.48	7/19/2022
OPT40781 Total				291,851.48	
OPT40876	SL Triangle Sub Install 138	SL Triangle Sub Install 138	361	223,197.69	12/1/2022
			362	3,224,491.48	12/1/2022
OPT40876 Total				3,447,689.17	
OPT40918	Odessa EHV CRE2 Switch Instal	Odessa EHV CRE2 Switch Instal	353	262,949.90	12/29/2020
OPT40918 Total				262,949.90	
OPT40937	Blair Lake Sub Establish sct	Coyanosa Sub Replace Bank 1	361	15,193.46	12/30/2021
			362	106,331.23	12/30/2021
OPT40937 Total				121,524.70	
OPT41016	Duval Sub Remove 69 kV Station	Duval Sub Remove 69 kV Station	353	4,039,963.39	12/21/2022
OPT41016 Total				4,039,963.39	
OPT41032	Everman Switch Reconfigure 345	Everman Switch Reconfigure 345	353	281,390.94	6/1/2022
OPT41032 Total				281,390.94	
OPT41754	Oil Mill Lake Sub Rebuild Mar	Oil Mill Lake Sub Rebuild Mar	361	801,219.35	12/10/2021
			362	(667,342.00)	12/10/2021
OPT41754 Total				133,877.35	
OPT41935	Centerville Road Sub Install	Centerville Road Sub Install	362	305,249.17	3/29/2022
OPT41935 Total				305,249.17	
OPT41963	Gamma formerly Palmer Sub Est	Gamma formerly Palmer Sub Est	361	15,014.55	10/6/2021
			362	213,713.91	10/6/2021
OPT41963 Total				228,728.46	
OPT42124	Waxahachie Northwest Sub Repl	Waxahachie Northwest Sub Repl	361	206.15	11/3/2021

Oneor Electric Delivery Company LLC
Distribution Cost Recovery Factor
Distribution Plant-Gross
Listing of Distribution Projects over \$100,000 Added During 2022, Including Expanded Project Description
As of June 30, 2023
Sponsors: W. Alan Ledbetter and Coler D. Snellman

Project	Project Title	Expanded Project Description	Plant Account	Addition Amount	In-service Date
OPT42124 Total			362	164,657.98	11/1/2021
OPT42125	Tyler GE Sub Install one 15 k	Tyler GE Sub Install one 15 k	361	9.72	6/25/2021
			362	108,885.12	6/25/2021
OPT42125 Total				108,894.85	
OPT42130	Irving Valley View Sub Install	Irving Valley View Sub Install	361	345.85	6/1/2021
			362	104,301.96	6/1/2021
OPT42130 Total				104,648.81	
OPT42143	SL Driver Sub Install transfo	SL Driver Sub Install transfo	361	12,492.95	12/19/2021
			362	268,405.59	12/19/2021
OPT42143 Total				280,898.54	
OPT42148	Mansfield Sub Install transfo	Mansfield Sub Install transfo	361	1,018.44	12/30/2021
			362	590,407.46	12/30/2021
OPT42148 Total				591,425.90	
OPT42151	Desert Wind fka Garden City We	Desert Wind fka Garden City We	361	660,221.18	8/2/2022
			362	1,958,520.44	8/2/2022
OPT42151 Total				2,618,741.62	
OPT42153	Killeen Stagecoach Sub Establ	Killeen Stagecoach Sub Establ	361	28,632.67	12/16/2021
			362	102,006.89	12/16/2021
OPT42153 Total				130,641.56	
OPT42164	Marak Sub Install FAN Radio	Marak Sub Install FAN Radio	362	115,370.24	2/15/2022
OPT42164 Total				115,370.24	
OPT42207	Alcatraz Sub Establish substa	Alcatraz Sub Establish substa	361	12,232.95	12/6/2021
			362	145,984.38	12/6/2021
OPT42207 Total				158,217.33	
OPT42283	Alliance Sub Spare PURCHASE A	Alliance Sub Spare PURCHASE A	362	445,978.46	12/29/2021
OPT42283 Total				445,978.46	
OPT42301	Aqueduct Sub formerly known as	Aqueduct Sub formerly known as	360	161,812.27	6/29/2022
OPT42301 Total				161,812.27	
OPT42512	Venus Switch Establish a new	Venus Switch Establish a new	353	151,565.11	12/8/2021
OPT42512 Total				151,565.11	
OPT42559	Desert Wind Substation fka Gar	Desert Wind Sub	360	170,016.87	6/28/2022
OPT42559 Total				170,016.87	
OPT42651	Kennedale Sub Remove the exis	Kennedale Sub Remove the exis	361	100,350.97	12/17/2021
			362	438,078.41	12/17/2021
OPT42651 Total				538,429.38	
OPT42794	Plano Shiloh Road Sub Install	Plano Shiloh Road Sub Install	361	24,162.47	6/30/2021
			362	171,279.68	6/30/2021
OPT42794 Total				195,442.15	
OPT42880	Ayers Sub Relay Upgrade on Fe	Ayers Sub Relay Upgrade on Fe	362	180,250.90	4/5/2022
OPT42880 Total				180,250.90	
OPT42884	Cedar Hill Sub Relay Upgrade	Cedar Hill Sub Relay Upgrade	353	378,570.75	8/25/2022
OPT42884 Total				378,570.75	
OPT42915	Dalrock Sub Relay Upgrade on	Dalrock Sub Relay Upgrade on	361	46,047.51	3/17/2022
			362	680,240.82	3/17/2022
OPT42915 Total				726,288.33	
OPT42916	Davis Sub Relay Upgrade on Fe	Davis Sub Relay Upgrade on Fe	361	32,587.77	8/2/2022
			362	634,206.88	8/2/2022
OPT42916 Total				666,794.65	
OPT42919	Decatur Sub Relay Upgrade on	Decatur Sub Relay Upgrade on	353	373,795.11	9/16/2022
OPT42919 Total				373,795.11	
OPT42920	Duncanville South Sub Relay U	Duncanville South Sub Relay U	362	374,874.72	4/18/2022
OPT42920 Total				374,874.72	
OPT42922	Eules South Sub Relay Upgrad	Eules South Sub Relay Upgrad	361	11,234.37	3/30/2022
			362	417,276.97	3/30/2022
OPT42922 Total				428,511.34	
OPT42923	Forreston Sub Relay Upgrade o	Forreston Sub Relay Upgrade o	362	177,897.90	4/22/2022
OPT42923 Total				177,897.90	
OPT42929	Compton Street Sub Replace tr	Compton Street Sub Replace tr	361	212,470.14	12/27/2022
			362	3,181,990.42	12/27/2022
OPT42929 Total				3,394,460.56	
OPT42930	Rocky Creek Switch Install tr	Rocky Creek Switch Install tr	353	1,577,597.43	5/5/2022
OPT42930 Total				1,577,597.43	
OPT42934	Garland Sub Relay Upgrade on	Garland Sub Relay Upgrade on	361	2,359.93	6/9/2022
			362	281,811.90	6/9/2022
OPT42934 Total				284,171.83	
OPT42951	Richland Hills Sub Relay Upg	Richland Hills Sub Relay Upg	362	191,978.37	2/1/2022
OPT42951 Total				191,978.37	
OPT42953	Rowlett Sub Relay Upgrade on	Rowlett Sub Relay Upgrade on	361	3,553.54	4/18/2022
			362	735,008.50	4/18/2022
OPT42953 Total				738,562.04	
OPT42957	Witt Road Sub Relay Upgrade	Witt Road Sub Relay Upgrade	362	195,510.03	4/18/2022

Oncor Electric Delivery Company LLC
Distribution Cost Recovery Factor
Distribution Plant-Gross
Listing of Distribution Projects over \$100,000 Added During 2022, Including Expanded Project Description
As of June 30, 2023
Sponsors: W. Alan Ledbetter and Coler D. Snellman

Project	Project Title	Expanded Project Description	Plant Account	Addition Amount	In-service Date
OPT42957 Total				195,510.03	
OPT43010	Gunsolus Creek Sub. Establish	Gunsolus Creek Sub. Establish	361	13,603.51	12/28/2021
			362	189,998.97	12/28/2021
OPT43010 Total				203,602.48	
OPT43163	Smith Creek Formerly Bellevue	Smith Creek Formerly Bellevue	361	409,583.57	12/20/2022
			362	1,134,699.29	12/20/2022
OPT43163 Total				1,544,282.86	
OPT43373	Athens Sub. Relay Upgrade on F	Athens Sub. Relay Upgrade on F	353	296,361.10	2/2/2022
OPT43373 Total				296,361.10	
OPT43374	Athens NorthWest Sub. Relay Up	Athens NorthWest Sub. Relay Up	362	322,168.83	1/10/2022
OPT43374 Total				322,168.83	
OPT43376	Big Spring Switch Sub. Relay U	Big Spring Switch Sub. Relay U	353	135,534.24	3/23/2022
OPT43376 Total				135,534.24	
OPT43378	Brownwood South Sub. Relay Upg	Brownwood South Sub. Relay Upg	362	142,241.01	5/13/2022
OPT43378 Total				142,241.01	
OPT43382	Gorman Sub. Relay Upgrade on F	Gorman Sub. Relay Upgrade on F	362	241,289.19	3/21/2022
OPT43382 Total				241,289.19	
OPT43383	Graham Sub. Relay Upgrade on F	Graham Sub. Relay Upgrade on F	353	140,645.11	4/7/2022
OPT43383 Total				140,645.11	
OPT43384	Graham East Sub. Relay Upgrade	Graham East Sub. Relay Upgrade	362	236,670.26	2/1/2022
OPT43384 Total				236,670.26	
OPT43389	Killeen Park Street Sub. Relay	Killeen Park Street Sub. Relay	361	7,465.47	7/22/2022
			362	206,745.00	7/22/2022
OPT43389 Total				214,210.47	
OPT43390	Killeen Taft Sub. Relay Upgrad	Killeen Taft Sub. Relay Upgrad	361	2,887.90	4/26/2022
			362	431,825.90	4/26/2022
OPT43390 Total				434,713.80	
OPT43391	Lake Belton Sub. Relay Upgrade	Lake Belton Sub. Relay Upgrade	362	260,314.55	3/23/2022
OPT43391 Total				260,314.55	
OPT43393	McKinney Sub. Relay Upgrade on	McKinney Sub. Relay Upgrade on	361	12,592.87	5/25/2022
			362	323,573.59	5/25/2022
OPT43393 Total				336,166.46	
OPT43394	McKinney Southwest Sub. Relay	McKinney Southwest Sub. Relay	362	471,935.22	3/31/2022
OPT43394 Total				471,935.22	
OPT43395	Mineral Wells Sub. Relay Upgra	Mineral Wells Sub. Relay Upgra	362	401,631.92	2/2/2022
OPT43395 Total				401,631.92	
OPT43399	Rathgeber Sub. Relay Upgrade o	Rathgeber Sub. Relay Upgrade o	361	17,414.84	5/12/2022
			362	246,241.67	5/12/2022
OPT43399 Total				263,656.51	
OPT43401	Sweetwater Downtown Sub. Relay	Sweetwater Downtown Sub. Relay	361	112,433.95	12/23/2022
			362	439,641.04	12/23/2022
OPT43401 Total				552,074.99	
OPT43402	Temple NorthWest Sub. Relay Up	Temple NorthWest Sub. Relay Up	361	1,004.15	2/8/2022
			362	353,270.26	2/8/2022
OPT43402 Total				354,274.41	
OPT43403	Temple South Sub. Relay Upgrad	Temple South Sub. Relay Upgrad	362	247,259.27	1/21/2022
OPT43403 Total				247,259.27	
OPT43404	Waco Colonial Avenue Sub. Rela	Waco Colonial Avenue Sub. Rela	361	1,189.19	4/20/2022
			362	516,284.43	4/20/2022
OPT43404 Total				517,473.61	
OPT43406	Waco North Sub. Relay Upgrade	Waco North Sub. Relay Upgrade	362	315,681.45	8/2/2022
OPT43406 Total				315,681.45	
OPT43409	Wichita River Bend Sub. Relay	Wichita River Bend Sub. Relay	362	288,676.42	5/24/2022
OPT43409 Total				288,676.42	
OPT43417	Brownwood Sub. Upgrade relayin	Brownwood Sub. Upgrade relayin	353	788,099.12	7/22/2022
OPT43417 Total				788,099.12	
OPT43419	Lamesa Sub. Relay Upgrade on F	Lamesa Sub. Relay Upgrade on F	353	345,862.51	2/15/2022
OPT43419 Total				345,862.51	
OPT43420	Odessa North Sub. Relay Upgrad	Odessa North Sub. Relay Upgrad	353	347,809.88	2/15/2022
OPT43420 Total				347,809.88	
OPT43523	Moore's Mill Sub. Establish Sub	Moore's Mill Sub. Establish Sub	361	74,051.47	11/15/2021
			362	172,780.03	11/15/2021
OPT43523 Total				246,831.50	
OPT43598	Marlin South Sub. Install 276 M	Marlin South Sub. Install 276 M	361	83,560.17	12/27/2022
			362	176,757.78	12/27/2022
OPT43598 Total				260,317.94	
OPT43602	Prosper Sub. Establish substat	Prosper Sub. Establish substat	361	54,494.19	6/29/2021
			362	205,637.95	6/29/2021
OPT43602 Total				260,132.13	
OPT43655	Lamesa Switch Replace existing	Lamesa Switch Replace existing	353	209,191.07	6/20/2022
OPT43655 Total				209,191.07	
OPT43738	Allen North Sub. Relay Upgrade	Allen North Sub. Relay Upgrade	362	285,076.86	8/9/2022

Oncor Electric Delivery Company LLC
Distribution Cost Recovery Factor
Distribution Plant-Gross
Listing of Distribution Projects over \$100,000 Added During 2022, Including Expanded Project Description
As of June 30, 2023
Sponsors: W. Alan Ledbetter and Coler D. Snelleman

Project	Project Title	Expanded Project Description	Plant Account	Addition Amount	In-Service Date
OPT43738 Total				285,076.36	
OPT43745	Carrollton Sub Relay Upgrade	Carrollton Sub Relay Upgrade	361	41,246.69	3/22/2022
			362	943,743.00	3/22/2022
OPT43745 Total				984,989.69	
OPT43754	Haltom Sub Relay Upgrade on F	Haltom Sub Relay Upgrade on F	361	33,872.00	11/13/2022
			362	409,673.49	11/11/2022
OPT43754 Total				443,545.49	
OPT43756	Irving Sub Relay Upgrade on F	Irving Sub Relay Upgrade on F	361	106,979.62	11/7/2022
			362	1,195,960.59	11/7/2022
OPT43756 Total				1,302,940.21	
OPT43757	Irving Valley View Sub Relay	Irving Valley View Sub Relay	362	220,261.51	11/7/2022
OPT43757 Total				220,261.51	
OPT43758	Kaufman Northwest Sub Relay	Kaufman Northwest Sub Relay	362	238,801.83	4/22/2022
OPT43758 Total				238,801.83	
OPT43759	Lancaster Sub Relay Upgrade	Lancaster Sub Relay Upgrade	361	2,288.31	4/19/2022
			362	781,522.48	4/19/2022
OPT43759 Total				783,810.79	
OPT43760	Liggett Switch Relay Upgrade	Liggett Switch Relay Upgrade	353	554,351.38	8/30/2022
OPT43760 Total				554,351.38	
OPT43761	Mayfield Sub Relay Upgrade on	Mayfield Sub Relay Upgrade on	362	203,771.86	5/23/2022
OPT43761 Total				203,771.86	
OPT43765	Mesquite Western Electric Sub	Mesquite Western Electric Sub	361	1,665.87	2/14/2022
			362	106,811.53	2/14/2022
OPT43765 Total				108,477.39	
OPT43781	Richardson East Sub Relay Upg	Richardson East Sub Relay Upg	353	482,127.97	5/10/2022
OPT43781 Total				482,127.97	
OPT43784	Saint Augustine Sub Relay Upg	Saint Augustine Sub Relay Upg	362	145,994.92	5/9/2022
OPT43784 Total				145,994.92	
OPT43786	Springdale Sub Relay Upgrade	Springdale Sub Relay Upgrade	361	41,236.76	5/24/2022
			362	411,806.77	5/24/2022
OPT43786 Total				453,043.53	
OPT43788	Watauga Sub Relay Upgrade on	Watauga Sub Relay Upgrade on	361	5,312.23	11/7/2022
			362	506,180.25	11/7/2022
OPT43788 Total				511,492.48	
OPT43795	Temple Taylors Valley Sub Re	Temple Taylors Valley Sub Re	361	12,498.48	4/5/2022
			362	504,316.69	4/5/2022
OPT43795 Total				516,815.18	
OPT43824	Creslenn Ranch Formerly known	Creslenn Ranch Formerly known	358	165,835.13	12/22/2022
OPT43824 Total				165,835.13	
OPT43825	Taylor Sub Establish 138 kV ri	Taylor Sub Establish 138 kV ri	353	311,501.79	12/22/2022
OPT43825 Total				311,501.79	
OPT43926	BRITTON RD Spare PURCHASE AND	BRITTON RD Spare PURCHASE AND	362	2,847,376.25	12/28/2021
OPT43926 Total				2,847,376.25	
OPT43957	Midland East Switch 345 kV Sta	Midland East Switch 345 kV Sta	353	1,528,688.22	12/6/2022
OPT43957 Total				1,528,688.22	
OPT43970	Loy Lake Sub Establish with o	Loy Lake Sub Establish with o	361	700,139.20	12/28/2022
			362	2,086,875.81	12/28/2022
OPT43970 Total				2,787,015.02	
OPT43989	Centralia Install 552 MVAR 138	Centralia Install 552 MVAR 138	361	144,727.90	5/24/2022
			362	146,263.20	5/24/2022
OPT43989 Total				290,990.50	
OPT43991	SL Grady Install 552 MVAR 138	SL Grady Install 552 MVAR 138	361	124,651.44	6/14/2022
			362	176,231.35	6/14/2022
OPT43991 Total				300,882.79	
OPT44057	Cosden Switch Upgrade Revenue	Cosden Switch Remove existing revenue meters and install new Advanced Metering System (AMS) revenue meters	353	134,605.21	12/13/2022
OPT44057 Total				134,605.21	
OPT44076	Irving Hunter Ferrell Sub Rel	Irving Hunter Ferrell Sub Rel	362	244,171.00	4/22/2022
OPT44076 Total				244,171.00	
OPT44089	Beacon Hill Sub Establish sta	Beacon Hill Sub Establish sta	361	694,579.15	6/21/2022
			362	2,470,478.81	6/21/2022
OPT44089 Total				3,165,057.97	
OPT44103	Flat Iron formerly Targa Parks	Flat Iron formerly Targa Parks	361	1,280,457.23	8/10/2022
			362	8,589,237.23	8/10/2022
OPT44103 Total				9,869,694.47	
OPT44197	Irving Northeast Sub Install	Irving Northeast Sub Relocate	361	9,186.65	12/9/2022
			362	381,556.90	12/9/2022
OPT44197 Total				390,743.56	
OPT44210	Gifford Hill Lake Substation	Gifford Hill Lake Substation	374	200,801.32	3/29/2022
OPT44210 Total				200,801.32	
OPT44218	Moore's Mill Sub install trans	Moore's Mill Sub install trans	361	97,328.92	2/27/2022

Oncor Electric Delivery Company LLC
Distribution Cost Recovery Factor
Distribution Plant-Gross
Listing of Distribution Projects over \$100,000 Added During 2022, Including Expanded Project Description
As of June 30, 2023
Sponsors: W. Alan Ledbetter and Coler D. Snelleman

Project	Project Title	Expanded Project Description	Plant Account	Addition Amount	In-service Date
OPT44218 Total			362	1,698,876.81	2/27/2022
OPT44226	White Settlement West Sub Ins	White Settlement West Sub Ins	361	345,635.75	12/16/2022
			362	1,524,506.52	12/16/2022
OPT44226 Total				1,870,142.27	
OPT44228	Bird Nest Sub Install station	Bird Nest Sub Install station	361	413,221.76	6/1/2022
			362	1,000,392.28	6/1/2022
OPT44228 Total				1,413,614.05	
OPT44229	Trinity Sub Install 2nd 13812	Trinity Sub Install 2nd 13812	361	9,279.32	12/30/2022
			362	1,404,398.10	12/30/2022
OPT44229 Total				1,413,677.42	
OPT44230	Kimball Road Sub Install bank	Kimball Road Sub Install bank	361	63,790.41	5/31/2022
			362	3,605,711.63	5/31/2022
OPT44230 Total				3,669,502.04	
OPT44232	Apple Sub formerly Pleasant Fa	Pleasant Farms Sub Establish	361	482,954.10	12/14/2022
			362	2,126,424.32	12/14/2022
OPT44232 Total				2,609,378.42	
OPT44234	Taylor West Sub Install trans	Taylor West Sub Install trans	361	165,553.85	6/20/2022
			362	1,087,553.16	6/20/2022
OPT44234 Total				1,253,107.01	
OPT44237	Tyler East Sub Install SELRet	Tyler East Sub Install SELRet	362	119,067.57	7/8/2022
OPT44237 Total				119,067.57	
OPT44242	Sabana Sub Formerly known as	Sabana Sub Formerly known as	361	628,025.94	12/19/2022
			362	2,291,960.00	12/19/2022
OPT44242 Total				2,919,985.93	
OPT44243	Kieberg Sub Replace transform	Kieberg Sub Replace transform	361	327,775.09	6/1/2022
			362	1,346,322.56	6/1/2022
OPT44243 Total				1,674,097.65	
OPT44244	Inwood Road Sub Install transf	Inwood Road Sub Install transf	361	596,842.28	12/28/2022
			362	3,273,784.88	12/28/2022
OPT44244 Total				3,870,627.16	
OPT44246	Temple Northwest Sub Replace	Temple Northwest Sub Replace	361	685,906.20	12/20/2022
			362	2,569,623.09	12/20/2022
OPT44246 Total				3,255,529.29	
OPT44257	Cleburne West Sub Install ban	Cleburne West Sub Install ban	361	269,994.84	12/14/2022
			362	1,254,517.07	12/14/2022
OPT44257 Total				1,524,451.91	
OPT44258	Temple Southeast Sub Replace	Temple Southeast Sub Replace	361	2,191.26	12/6/2022
			362	1,531,721.86	12/6/2022
OPT44258 Total				1,533,913.12	
OPT44264	Battleground formerly known as	Battleground formerly known as	361	620,906.97	6/29/2022
			362	2,598,407.98	6/29/2022
OPT44264 Total				3,419,314.95	
OPT44266	Killeen Switch Replace 345138	Killeen Switch Replace 345138	353	565,728.47	5/17/2022
OPT44266 Total				565,728.47	
OPT44267	Rockdale Sub Install Transfor	Rockdale Sub Install Transfor	361	351,345.85	12/29/2022
			362	1,824,956.96	12/29/2022
OPT44267 Total				2,176,302.81	
OPT44276	Pinkney Sub Establish new 1381	Pinkney Sub Establish new 1381	361	669,612.58	6/30/2022
			362	2,167,253.45	6/30/2022
OPT44276 Total				2,836,866.03	
OPT44280	SL Salt Flat Road Sub Install	SL Salt Flat Road Sub Install	361	131,255.53	5/9/2022
			362	115,118.40	5/9/2022
OPT44280 Total				246,373.93	
OPT44313	Short Grass formerly Archer Cr	Short Grass formerly Archer Cr	361	552,672.68	12/22/2022
			362	1,572,084.55	12/22/2022
OPT44313 Total				2,124,757.22	
OPT44340	Forreston Sub 69 kV Line Termi	Forreston Sub 69 kV Line Termi	361	20,434.52	12/22/2022
			362	261,174.50	12/22/2022
OPT44340 Total				281,609.02	
OPT44366	Midland West Sub Install 125	Midland West Sub Install 125	361	56,642.02	5/9/2022
			362	80,675.58	5/9/2022
OPT44366 Total				137,317.60	
OPT44443	Blain formerly known as Dew	Blain formerly known as Dew	361	578,022.81	11/1/2022
			362	2,108,120.63	11/1/2022
OPT44443 Total				2,686,143.44	
OPT44558	2021 Equipment Support Mobile	2021 Equipment Support Mobile	362	154,864.64	12/30/2021
OPT44558 Total				154,864.64	
OPT44755	Nolan Creek Sub Purchase Land	Nolan Creek Sub Purchase Land	374	501,116.66	4/26/2022
OPT44755 Total				501,116.66	
OPT44779	Wilshire Substation fka Burles	Wilshire Substation fka Burles	374	1,222,153.48	11/17/2022
OPT44779 Total				1,222,153.48	

Oncor Electric Delivery Company LLC
Distribution Cost Recovery Factor
Distribution Plant-Gross
Listing of Distribution Projects over \$100,000 Added During 2022, Including Expanded Project Description
As of June 30, 2023
Sponsors: W. Alan Ledbetter and Coler D. Snelleman

Project	Project Title	Expanded Project Description	Plant Account	Addition Amount	In-service Date
OPT44780	Saginaw Southeast Substation	Saginaw Southeast Substation	374	579,729.59	9/11/2022
OPT44780 Total				579,729.59	
OPT44819	Temple North Sub. Relay Upgrad	Temple North Sub. Relay Upgrad	353	303,062.71	10/25/2022
OPT44819 Total				303,062.71	
OPT44887	Waco MM Mars Sub. Install bank	Waco MM Mars Sub. Add a 3rd 1	361	906,507.56	12/15/2022
			362	4,183,226.54	12/15/2022
OPT44887 Total				5,089,733.90	
OPT44999	Bowman Switch. Relay Upgrades	Bowman Switch. Relay Upgrades	353	528,204.63	6/20/2022
OPT44999 Total				528,204.63	
OPT45025	Odessa EHV. Switch. Relay upgr	Odessa EHV. Switch. Relay upgr	353	140,260.13	7/26/2022
OPT45025 Total				140,260.13	
OPT45121	Wall Street Sub. Replace stat	Wall Street Sub. Replace stat	361	429,314.04	6/30/2022
			362	4,874,134.54	6/30/2022
OPT45121 Total				5,303,448.58	
OPT45122	Calmont Sub. Add transformer 8	Calmont Sub. Add transformer 8	353	3,211,994.45	12/31/2022
OPT45122 Total				3,211,994.45	
OPT45124	Lakecrest Sub. Add station 2 w	Lakecrest Sub. Add station 2 w	361	263,434.08	6/30/2022
			362	2,481,511.32	6/30/2022
OPT45124 Total				2,744,945.41	
OPT45200	Midland West 138 kV Substation	Midland West 138 kV Substation	362	114,427.51	6/15/2022
OPT45200 Total				114,427.51	
OPT45260	SOSF SPARE PURCHASE AND STORE	SOSF SPARE PURCHASE AND STORE	353	897,143.44	2/1/2022
OPT45260 Total				897,143.44	
OPT45343	Irving Northeast Sub. Relay Up	Irving Northeast Sub. Relay Up	362	140,115.91	4/22/2022
OPT45343 Total				140,115.91	
OPT45355	Cleburne North Sub. Install FA	Cleburne North Sub. Install FA	362	130,236.79	2/17/2022
OPT45355 Total				130,236.79	
OPT45356	Mineral Wells West Sub. Instal	Mineral Wells West Sub. Instal	362	110,869.12	5/23/2022
OPT45356 Total				110,869.12	
OPT45376	Irving Northeast Sub. Incremen	Irving Northeast Sub. Incremen	362	355,643.29	12/15/2022
OPT45376 Total				355,643.29	
OPT45394	Midlothian South Sub. Replace	Midlothian South Sub. Replace	361	417,857.17	12/30/2022
			362	4,124,415.70	12/30/2022
OPT45394 Total				4,542,272.87	
OPT45395	Sikes Sub. Install one 125 kV	Sikes Sub. Install one 125 kV	361	555.07	12/21/2022
			362	125,721.15	12/21/2022
OPT45395 Total				126,276.21	
OPT45472	Oakhill Sub. Replace 5 Switchg	Oakhill Sub. Replace 5 Switchg	362	161,720.40	12/28/2021
OPT45472 Total				161,720.40	
OPT45474	Midland Basin Sub. Install MAS	Midland Basin Sub. Install MAS	362	122,569.79	4/21/2022
OPT45474 Total				122,569.79	
OPT45479	Carswell Sub. Install FAN Radi	Carswell Sub. Install FAN Radi	362	103,092.46	5/19/2022
OPT45479 Total				103,092.46	
OPT45481	Forest Hill Sub. Replace 12.5	Forest Hill Sub. Replace 12.5	353	462,934.71	12/28/2021
OPT45481 Total				462,934.71	
OPT45486	Blackstone Sub. Replace 6 Swr	Blackstone Sub. Replace 6 Swr	362	233,146.66	12/28/2021
OPT45486 Total				233,146.66	
OPT45638	San Andres Sub. Install Fiber	San Andres Sub. Install Fiber	362	115,771.41	3/1/2022
OPT45638 Total				115,771.41	
OPT45741	Wichita Falls Riverbend Sub. U	Wichita Falls Riverbend Sub. U	361	462,901.77	7/11/2022
			362	3,938,462.93	7/11/2022
OPT45741 Total				4,401,364.70	
OPT45742	Prairie Creek Sub. Replace tra	Prairie Creek Sub. Replace tra	361	294,870.85	12/1/2022
			362	5,473,750.50	12/1/2022
OPT45742 Total				5,768,621.36	
OPT45743	Decordova SES 1 WSL Establish	Decordova SES 1 WSL Establish W	353	190,810.78	4/29/2022
OPT45743 Total				190,810.78	
OPT45777	Record Crossing Sub. Relay Upg	Record Crossing Sub. Relay Upg	362	318,972.84	10/19/2022
OPT45777 Total				318,972.84	
OPT45781	Mesquite Western Electric Sub	Mesquite Western Electric Sub	361	656.62	9/14/2022
			362	237,042.52	9/14/2022
OPT45781 Total				237,699.14	
OPT45782	Terrell North Sub. Relay Upgra	Terrell North Sub. Relay Upgra	361	929.85	10/17/2022
			362	369,021.76	10/17/2022
OPT45782 Total				369,951.61	
OPT45787	Carrollton Country Club Sub. R	Carrollton Country Club Sub. R	362	269,206.39	9/21/2022
OPT45787 Total				269,206.39	
OPT45822	Plano Custer Road Sub. Relay U	Plano Custer Road Sub. Relay U	361	2,386.01	8/12/2022
			362	474,713.89	8/12/2022
OPT45822 Total				477,099.90	
OPT45865	SOSF SPARE PURCHASE AND STORE	SOSF SPARE PURCHASE AND STORE	362	2,324,779.88	12/1/2022
OPT45865 Total				2,324,779.88	

Oncor Electric Delivery Company LLC
Distribution Cost Recovery Factor
Distribution Plant-Gross
Listing of Distribution Projects over \$100,000 Added During 2022, Including Expanded Project Description
As of June 30, 2023
Sponsors: W. Alan Ledbetter and Coler D. Snelleman

Project	Project Title	Expanded Project Description	Plant Account	Addition Amount	In-service Date
OPT45886	Judkins Sub Replace transform	Judkins Sub Replace transform	361	307,688.22	12/9/2022
			362	4,044,610.16	12/9/2022
OPT45886 Total				4,352,298.38	
OPT46004	Wildhorse POD Establish 138kV	Wildhorse POD Establish 138kV	353	188,807.59	5/20/2022
OPT46004 Total				188,807.59	
OPT46052	High Plains POD Establish 138k	High Plains POD Establish 138k	353	253,200.77	12/23/2022
OPT46052 Total				253,200.77	
OPT46091	Keller Magnolia Sub Install F	Keller Magnolia Sub Install F	362	103,073.43	2/18/2022
OPT46091 Total				103,073.43	
OPT46115	Century Sub Replace Totalize	Century Sub Replace Totalize	361	31.28	6/15/2022
			362	392,846.86	6/15/2022
OPT46115 Total				392,878.14	
OPT46116	Haskell Avenue Sub Replace To	Haskell Avenue Sub Replace To	361	12.18	3/4/2022
			362	129,428.60	3/4/2022
OPT46116 Total				129,440.79	
OPT46117	Westmoreland Sub Replace Tota	Westmoreland Sub Replace Tota	361	11.98	4/6/2022
			362	166,676.07	4/6/2022
OPT46117 Total				166,688.05	
OPT46120	Trinity River Authority Sub R	Trinity River Authority Sub R	361	9,712.05	12/22/2022
			362	366,069.87	12/22/2022
OPT46120 Total				375,781.91	
OPT46134	Tin Roof POD Install POD and C	Tin Roof POD Install POD and C	353	105,985.48	8/15/2022
OPT46134 Total				105,985.48	
OPT46207	Copperas Cove East Switch Ins	Copperas Cove East Switch Ins	361	214,030.63	12/15/2022
			362	1,868,040.26	12/15/2022
OPT46207 Total				2,082,070.87	
OPT46250	Beals Creek Sub Install a 25	Beals Creek Sub Install a 25	361	701.24	5/16/2022
			362	166,001.23	5/16/2022
OPT46250 Total				166,702.47	
OPT46273	Paris North Sub Relay Upgrade	Paris North Sub Relay Upgrade	361	6,338.24	11/7/2022
			362	715,881.87	11/7/2022
OPT46273 Total				722,220.11	
OPT46315	2021 Equipment Support Mobile	2021 Equipment Support Mobile	362	3,009,633.98	12/21/2022
OPT46315 Total				3,009,633.98	
OPT46316	2021 Equipment Support Mobile	2021 Equipment Support Mobile	362	2,881,857.44	12/21/2022
OPT46316 Total				2,881,857.44	
OPT46329	Breckenridge North Sub Replac	Breckenridge North Sub Replac	361	49,325.39	12/29/2022
			362	433,750.84	12/29/2022
OPT46329 Total				483,076.23	
OPT46419	Centralia Sub Install 138216	Centralia Sub Install 138216	361	100,642.83	12/19/2022
			362	1,101,616.37	12/19/2022
OPT46419 Total				1,202,259.19	
OPT46484	Burleson Sub Replace electrom	Burleson Sub Replace electrom	353	157,360.01	12/15/2022
OPT46484 Total				157,360.01	
OPT46508	Dollarhide Sub Upgrade relay	Dollarhide Sub Upgrade relay	361	7,885.34	12/27/2022
			362	252,932.77	12/27/2022
OPT46508 Total				260,818.11	
OPT46585	Little River Sub Install 125	Little River Sub Install 125	361	691.13	12/14/2022
			362	155,028.00	12/14/2022
OPT46585 Total				155,719.12	
OPT46587	Mustang Sub Install 47 MVA 13	Mustang Sub Install 47 MVA 13	361	295,264.88	12/30/2022
			362	2,312,656.40	12/30/2022
OPT46587 Total				2,607,921.28	
OPT46628	Caddo Mills Explorer Tap Rebu	Caddo Mills Explorer Tap Rebu	353	102,615.95	12/29/2022
OPT46628 Total				102,615.95	
OPT46665	Lake Texoma Pump Sub Install	Lake Texoma Pump Sub Install	362	110,535.90	3/21/2022
OPT46665 Total				110,535.90	
OPT46673	SOSF SPARE PURCHASE AND STORE	SOSF SPARE PURCHASE AND STORE	362	1,204,167.38	6/1/2022
OPT46673 Total				1,204,167.38	
OPT46716	Moorehead Sub Install two 138	Moorehead Sub Install two 138	361	461,915.23	12/20/2022
			362	2,676,380.90	12/20/2022
OPT46716 Total				3,138,296.13	
OPT45806	SOSF Spare - Purchase & Store	SOSF SPARE PURCHASE AND STORE ONE 138-26.4 KV, 47 MVA, DELTA-WYE TRANSFORMER	362	1,513,174.07	12/12/2022
OPT45806 Total				1,513,174.07	
OPT46809	ODESSA SPARE PURCHASE A	ODESSA SPARE PURCHASE AND STORE ONE 138-22.86 KV, 47 MVA, DELTA-WYE TRANSFORMER	362	431,746.35	12/20/2022
OPT46809 Total				431,746.35	
OPT46856	Cedardale Substation Acquisit	Cedardale Substation Acquisit	374	808,391.13	12/16/2022
OPT46856 Total				808,391.13	
OPT46892	Sandhills Sub Replace Bank 1 w	Sandhills Sub Replace bank 1	361	593,610.01	12/29/2022

Oneor Electric Delivery Company LLC
Distribution Cost Recovery Factor
Distribution Plant-Gross
Listing of Distribution Projects over \$100,000 Added During 2022, Including Expanded Project Description
As of June 30, 2023
Sponsors: W. Alan Ledbetter and Coler D. Snelleman

Project	Project Title	Expanded Project Description	Plant Account	Addition Amount	In-service Date
OPT46892 Total			362	1,427,678.17	12/29/2022
OPT46905	Castleman Substation Purchase	Castleman Substation Purchase	374	132,794.28	9/28/2022
OPT46905 Total				132,794.28	
OPT46907	Holly Spring Substation Purchase	Holly Spring Purchase in Fee	374	106,349.71	7/29/2022
OPT46907 Total				106,349.71	
OPT46908	Mallory Creek Purchase in Fee	Mallory Creek Purchase in Fee	374	116,508.98	11/11/2022
OPT46908 Total				116,508.98	
OPT46924	Blackstock Sub fka Nevada Subs	Blackstock Sub fka Nevada Subs	374	679,662.87	12/27/2022
OPT46924 Total				679,662.87	
OPT46961	Scurry County South Sub Repla	Scurry County South Sub Repla	353	161,300.95	3/14/2022
OPT46961 Total				161,300.95	
OPT46969	Flint Sub Install a 467 MVA 1	Flint Sub Install a 467 MVA 1	361	172,260.22	12/12/2022
			362	668,239.96	12/12/2022
OPT46969 Total				840,500.18	
OPT46970	Taylor West Sub Install bank	Taylor West Sub Install bank	361	105,851.28	12/30/2022
			362	695,519.06	12/30/2022
OPT46970 Total				801,370.33	
OPT46971	Parker Maxwell Creek Sub Inst	Parker Maxwell Creek Sub Inst	361	38,114.62	12/29/2022
			362	1,300,075.86	12/29/2022
OPT46971 Total				1,338,190.48	
OPT47016	Lake June Pump Sub regasketin	Lake June Pump Sub regasketin	362	123,264.92	6/1/2022
OPT47016 Total				123,264.92	
OPT47035	Gainesville East Sub Replace	Gainesville East Sub Replace	362	108,325.26	12/16/2022
OPT47035 Total				108,325.26	
OPT47071	Navigation Sub West Mitchell C	Navigation Sub West Mitchell C	374	153,625.12	6/30/2022
OPT47071 Total				153,625.12	
OPT47104	Templeton Sub (fka Reagor Spr	Templeton Substation (fka Reagor Springs Sub) Purchase of land	374	237,968.78	11/22/2022
OPT47104 Total				237,968.78	
OPT47127	Donahoe Substation Purchase i	Donahoe Substation Purchase i	374	239,102.96	11/11/2022
OPT47127 Total				239,102.96	
OPT47163	SOSF SPARE PURCHASE AND STORE	SOSF SPARE PURCHASE AND STORE ONE 138Yx69Y-13 BY KV, 47 MVA, WYE-WYE TRANSFORMER	362	1,292,972.35	12/28/2022
OPT47163 Total				1,292,972.35	
OPT47257	Mesquite Forney Road Sub repl	Mesquite Forney Road Sub repl	362	110,271.23	5/2/2022
OPT47257 Total				110,271.23	
OPT47294	Alliance Sub Replace 1 failed	Alliance Sub Replace 1 failed	362	134,866.48	2/16/2022
OPT47294 Total				134,866.48	
OPT47317	Mary Avenue Substation Purcha	Mary Avenue Substation Purcha	374	961,311.62	11/9/2022
OPT47317 Total				961,311.62	
OPT47324	Sycamore Creek Sub Regasket X	Sycamore Creek Sub Regasket X	362	117,086.78	6/20/2022
OPT47324 Total				117,086.78	
OPT47377	2022 Mobile Trailer Corsicana	2022 Mobile Trailer Corsicana	362	179,243.32	12/15/2022
OPT47377 Total				179,243.32	
OPT47378	2022 Mobile Trailer Texoma Em	2022 Mobile Trailer Texoma Em	361	213,093.88	12/15/2022
OPT47378 Total				213,093.88	
OPT47383	2022 Mobile Trailer Temple Fi	2022 Mobile Trailer Temple Fi	362	178,964.80	12/15/2022
OPT47383 Total				178,964.80	
OPT47386	2022 Mobile Trailer Sweetwater	2022 Mobile Trailer Sweetwater	361	174,175.10	11/30/2022
OPT47386 Total				174,175.10	
OPT47388	2022 Equipment Support Emerge	2022 Equipment Support Emerge	361	175,139.16	12/6/2022
OPT47388 Total				175,139.16	
OPT47389	2022 Equipment Support Emerge	2022 Equipment Support Emerge	361	175,139.16	12/6/2022
OPT47389 Total				175,139.16	
OPT47527	Bofes Substation Purchase in	Quinlan Purchase in Fee	374	195,978.02	5/27/2022
OPT47527 Total				195,978.02	
OPT47528	2022 Equipment Support Mobile	2022 Equipment Support Mobile	362	486,327.41	12/15/2022
OPT47528 Total				486,327.41	
OPT47786	Harris Creek Sub Establish on	Harris Creek Sub Establish on	361	833,878.55	12/31/2022
			362	1,232,222.98	12/31/2022
OPT47786 Total				2,066,101.52	
OPT47827	Duncanville Transformer 1 ReGa	Duncanville Transformer 1 ReGa	362	114,753.98	12/13/2022
OPT47827 Total				114,753.98	
OPT47831	Irving Northeast Sub ReGasket	Irving Northeast Sub ReGasket	362	146,793.59	12/21/2022
OPT47831 Total				146,793.59	
OPT47838	Irving Grant Street Sub ReGas	Irving Grant Street Sub ReGas	362	143,745.90	12/13/2022
OPT47838 Total				143,745.90	
OPT47855	Fairmount Sub Replace 5 Five	Fairmount Sub Replace 5 Five	362	318,271.62	12/22/2022
OPT47855 Total				318,271.62	
OPT47898	Collville Sub Regasket and Pu	Collville Sub Regasket and Pu	362	137,911.35	12/21/2022

Onor Electric Delivery Company LLC
Distribution Cost Recovery Factor
Distribution Plant-Gross
Listing of Distribution Projects over \$100,000 Added During 2022, Including Expanded Project Description
As of June 30, 2023
Sponsors: W. Alan Ledbetter and Coler D. Snelleman

Project	Project Title	Expanded Project Description	Plant Account	Addition Amount	In-service Date
OPT47898 Total				137,911.35	
OPT48304	Waco Colonial Sub Upgrade Tra	Waco Colonial Sub Upgrade Tra	362	121,840.58	7/20/2022
OPT48304 Total				121,840.58	
OPT48636	Bryan Street Sub Replace rel	Bryan Street Sub Replace rel	362	180,907.39	12/22/2022
OPT48636 Total				180,907.39	
OPT48685	Bear Creek 138 kV Sub Replace	Bear Creek 138 kV Sub Replace	361	72,612.55	11/8/2022
			362	677,034.87	11/8/2022
OPT48685 Total				749,647.42	
OPT48765	White Rock Sub Install Catast	White Rock Sub Install Catast	361	124,116.53	12/13/2022
OPT48765 Total				124,116.53	
OPT48766	Lawther Sub Install Catastro	Lawther Sub Install Catastro	361	165,681.38	12/13/2022
OPT48766 Total				165,681.38	
OPT48767	Abrams Road Sub Install Catas	Abrams Road Sub Install Catas	361	156,787.45	12/13/2022
OPT48767 Total				156,787.45	
OPT48803	Lancaster Sub Replace Failed	Lancaster Sub Replace Failed	361	5,651.18	12/1/2022
			362	510,463.35	12/1/2022
OPT48803 Total				516,114.53	
OPT49033	EPDC Electrical power distribu	EPDC Electrical power distribu	362	202,928.59	11/16/2022
OPT49033 Total				202,928.59	
OPT49150	Lake Highlands Sub Install Le	Lake Highlands Sub Install Le	361	284,930.99	12/14/2022
OPT49150 Total				284,930.99	
OPT49153	Killeen Clear Creek Sub Repla	Killeen Clear Creek Sub Repla	362	251,668.80	12/19/2022
OPT49153 Total				251,668.80	
OPT49268	Roanoke West Sub Replace Fail	Roanoke West Sub Replace Fail	361	52,502.35	11/18/2022
			362	185,416.06	11/18/2022
OPT49268 Total				237,918.40	
OPT49504	Dealey Street Replace Failed	Dealey Street Replace Failed	361	92,625.71	11/1/2022
			362	166,304.49	11/1/2022
OPT49504 Total				258,930.20	
13T65029	Lawrence Sub Establish with o	LAWRENCE SUB ESTABLISH STATION #1, 1-23 MVA 138 KV XFMR AN	361	1,018,119.81	12/16/2022
			362	1,435,707.96	12/16/2022
13T65029 Total				2,453,827.77	
17T62139	RINGGOLD MAGNOLIA SUBSTATION	RINGGOLD MAGNOLIA SUBSTATION INSTALL MAS RADIO EQUIPMENT	362	126,334.27	5/1/2022
17T62139 Total				126,334.27	
22CAPCTR	CAPACITOR - INTALL & REPLACE	CAPACITOR - INSTALLATION AND/OR REPLACEMENT	368	8,977,337.52	1/31/2022
22CAPCTR Total				8,977,337.52	
22DUCTTS	2022 FEASIBILITY - TRIP SAVERS	2022 FEASIBILITY STUDY FOR TRIP SAVERS DOT TIME TO ACCEPT OR PROPOSE NEW LOCATION FOR TRIP SAVER INSTALLATIONS RESULTING IN A CAPITAL WR NO AFUDC TO BE ACCRUED	364	6,032.90	12/30/2022
			365	96,362.96	12/30/2022
			366	20.48	12/30/2022
			367	10.24	12/30/2022
22DUCTTS Total				102,426.58	
22LOWCST	CAPITAL RELATED LOW COST MAT	CAPITAL RELATED LOW COST MAT	364	1,812,334.01	1/31/2022
			365	4,333,843.55	1/31/2022
			366	78,797.10	1/31/2022
			367	1,181,957.03	1/31/2022
			369	472,782.77	1/31/2022
22LOWCST Total				7,879,714.46	
22METERS	ELECTRIC METERS	ELECTRIC METERS	370	28,344,611.43	1/31/2022
22METERS Total				28,344,611.43	
22METHRD	METER RELATED HARDWARE	METER RELATED HARDWARE	370	12,280,856.52	1/31/2022
22METHRD Total				12,280,856.52	
22MOPRMV	2022 Mandatory Pole Removals	2022 Mandatory Pole Removals	364	807,627.63	12/15/2022
22MOPRMV Total				807,627.63	
22NTPROT	NETWORK PROTECTORS	NETWORK PROTECTORS - INSTALLATION AND/OR REPLACEMENT	368	4,179,049.09	1/31/2022
22NTPROT Total				4,179,049.09	
22REGULT	DISTRIBUTION REGULATORS	INSTALL / REPLACE / REMOVE DISTRIBUTION REGULATORS	368	7,574,846.32	1/31/2022
22REGULT Total				7,574,846.32	
22RMSVOH	OVERHEAD SERVICES-SRV EXISTING	OVERHEAD SERVICES-SRV EXISTING	369	6,625,194.06	1/31/2022
22RMSVOH Total				6,625,194.06	
22RMSVUG	UNDERGROUND SERVICES-SRV EXIST	UNDERGROUND SERVICES-SRV EXIST	369	1,267,551.40	1/31/2022
22RMSVUG Total				1,267,551.40	

Oncor Electric Delivery Company LLC
Distribution Cost Recovery Factor
Distribution Plant-Gross
Listing of Distribution Projects over \$100,000 Added During 2022, Including Expanded Project Description
As of June 30, 2023
Sponsors: W. Alan Ledbetter and Coler D. Snelleman

Project	Project Title	Expanded Project Description	Plant Account	Addition Amount	In-service Date
22SECBOX	REPLACEMENT OF SECONDARY BOX	REPLACEMENT OF SECONDARY BOX	366	903,154.69	1/31/2022
22SECBOX Total				903,154.69	
22SNSVOH	OVERHEAD SERVICES - SERVE NEW	OVERHEAD SERVICES - SERVE NEW	369	6,562,303.83	1/31/2022
22SNSVOH Total				6,562,303.83	
22SNSVUG	UNDERGROUND SERVICES-SRV NEW	UNDERGROUND SERVICES-SRV NEW	369	85,969,851.03	1/31/2022
22SNSVUG Total				85,969,851.03	
22STELLA	PRICE ADJ FOR STELLA JONES	PRICE ADJUSTMENT FOR POLES FOR STELLA JONES DUE TO INFLATION PRICE CHANGES BETWEEN CONSIGNMENT AND TAKING OWNERSHIP.	364	329,077.11	11/30/2022
22STELLA Total				329,077.11	
22XFRMER	TRANSFORMERS - INSTALL & REPL	TRANSFORMERS - INSTALLATION AND/OR REPLACEMENT	368	173,255,817.56	1/31/2022
22XFRMER Total				173,255,817.56	
3093719E	FBR EXT FRMBR 1851 INTO VITRU	FBR.ADD: CONVERT 12.5 KV TO 25 KV VITRUVIAN PARK K&DS	364	8,790.36	7/6/2022
			366	325,243.53	7/6/2022
			367	545,002.70	7/6/2022
3093719E Total				879,036.59	
3293440E	FWE MMP_2017_HORNE1933_FDR MAI	FWE MMP_2017_HORNE1933_FDR MAINT	364	147,884.36	3/21/2022
			367	1,493.77	3/21/2022
3293440E Total				149,378.13	
3299237E	MCK MMP_2016_RCHRD1208_FDR MAI	MCK MMP_2016_RCHRD1208_FDR MAINT.	364	151,517.71	6/9/2022
			365	1,530.47	6/9/2022
3299237E Total				153,048.18	
3302975E	COR CR5GL1306_HWY XING - IH 45	COR CR5GL 1306 HWY CROSSING IH 45 S OF US 287 MS	364	243,339.87	7/5/2022
			365	81,133.28	7/5/2022
3302975E Total				324,453.15	
3315270E	WAXA WXNTH2304_HWY XING US 287	WAXA WXNTH2304_HWY XING US 287 BYPASS AT WAXA N SUB MS	364	328,076.22	4/29/2022
3315270E Total				328,076.22	
3318573E	WAXA WXNTH2301_HWY XING US 287	WAXA WXNTH2301_HWY XING US 287 BYPASS AT WAXA N SUB MS	364	324,710.10	4/29/2022
			365	48,519.87	4/29/2022
3318573E Total				373,229.97	
3324581E	CORSICANA CR5GL1306_HWY XING I	CORSICANA CR5GL1306_HWY XING IH 45 S AT MOUNTAIN DRIVE	364	254,191.83	10/11/2022
			365	37,982.68	10/11/2022
3324581E Total				292,174.51	
3334128E	DES ADC REL FOR DALLAS CO ON	DES ADC REL FOR DALLAS CO ON WILDLIFE BTWN BELTL & LOW TAR	364	825,045.96	4/29/2022
			365	312,517.87	4/29/2022
			366	12,500.67	4/29/2022
			367	75,004.18	4/29/2022
			369	12,500.67	4/29/2022
			373	12,500.67	4/29/2022
3334128E Total				1,250,070.02	
3351360E	FBR ADD ADDISON GROVES TOW	FBR ADD ADDISON GROVES TOWNHOMES 178 LOTS	366	46,645.59	9/7/2022
			367	53,309.26	9/7/2022
			369	6,663.65	9/7/2022
			373	559,747.45	9/7/2022
3351360E Total				666,365.95	
3360666E	ARL UPS ARLINGTON RT	ARL UPS ARLINGTON RT	364	6,682.65	6/20/2022
			365	43,437.36	6/20/2022
			367	61,257.90	6/20/2022
3360666E Total				111,377.91	
3361078E	TEM KEGLEY WIDENING PH 2-TL	TEM-KEGLEY WIDENING PH 2-TL	364	110,982.04	1/3/2022
			365	101,117.13	1/3/2022
			366	7,398.79	1/3/2022
			367	27,128.92	1/3/2022
3361078E Total				246,626.88	
3363836E	BWD MMP_BRNWD1202-2017 FDR MAI	BWD MMP_BRNWD1202-2017 FDR MAINT	364	167,796.65	8/9/2022
			365	1,694.91	8/9/2022
3363836E Total				169,491.56	
3398245E	BEN BUR. HIGH COUNTRY PH 1 - G	BEN BUR. HIGH COUNTRY PH 1 - GS/BS	366	111,591.87	1/6/2022
			367	76,209.13	1/6/2022
			373	84,374.40	1/6/2022
3398245E Total				272,175.40	