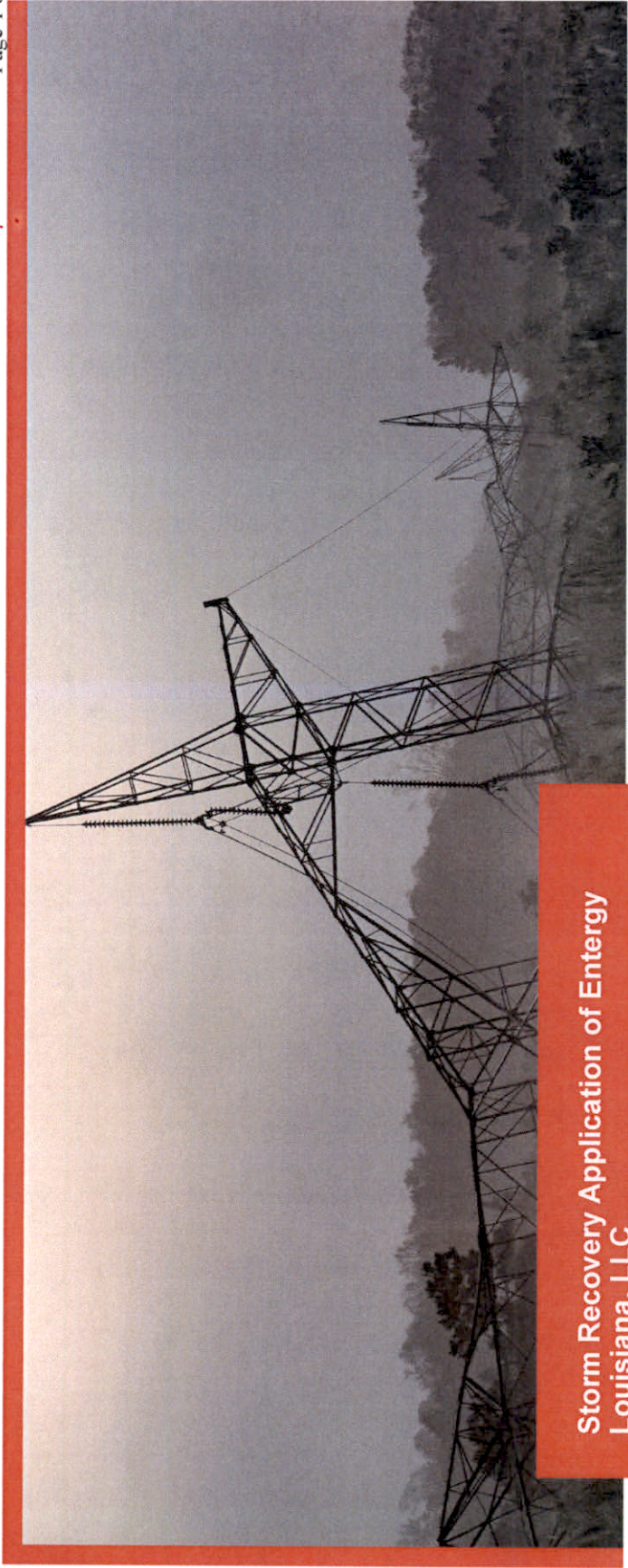


Listing of Previous Testimony Filed by Phillip R. May

<u>DATE</u>	<u>TYPE</u>	<u>SUBJECT MATTER</u>	<u>REGULATORY BODY</u>	<u>DOCKET NO.</u>
05/31/2000	Direct	UCOS & ECOM	PUCT	22356
08/28/2000	Supplemental Direct	UCOS & ECOM	PUCT	22356
03/30/2001	Rebuttal	UCOS & ECOM	PUCT	22356
05/15/2001	Settlement	Stranded Costs	LPSC	U-22092
05/15/2001	Settlement	Stranded Costs	LPSC	U-20925
06/25/2001	Direct	Qualified Power Region	PUCT	24309
06/29/2001	Direct	Transition to Competition Costs	APSC	01-041-U
07/02/2001	Direct	Price to Beat	PUCT	24336
09/25/2001	Rebuttal	Price to Beat	PUCT	24336
05/08/2002	Supplemental	Price to Beat	PUCT	24336
07/12/2002	Supplemental Rebuttal	Price to Beat	PUCT	24336
03/01/2004	Supplemental	Business Separation Plan	LPSC	U-21453 (Sub. B)
08/25/2004	Direct	2004 Rate Case	PUCT	30123
05/17/2005	Direct	Formula Rate Plan & Generation Performance Based Resource Plan	Council of the City of N.O. ("Council")	UD-01-04 & UD-03-01
07/05/2005	Direct	Capacity Rider	PUCT	31315
08/15/2005	Direct	TTC	PUCT	31544
10/05/2005	Rebuttal	Capacity Rider	PUCT	31315
02/10/2006	Rebuttal	TTC	PUCT	31544
04/26/2006	Direct	Jurisdictional Separation Plan	LPSC	U-21453 (Sub. J)
05/14/2007	Rebuttal	TTC Plan	PUCT	33687
09/26/2007	Direct	2007 Rate Case	PUCT	34800
05/02/2008	Rebuttal	2007 Rate Case	PUCT	34800
12/12/2008	Answering	Spindletop	FERC	EL08-51-002
01/09/2009	Direct	Bandwidth	FERC	ER08-1056-002
02/03/2009	Cross Answering	Spindletop	FERC	ER08-51-002
09/18/2009	Direct	PCRF	PUCT	37482
10/09/2009	Direct	Bandwidth	FERC	ER09-1224-001
12/21/2009	Direct	2009 Rate Case	PUCT	37744
09/01/2010	Direct	ICT	LPSC	S-31509
09/20/2010	Direct	ICT	Council	undocketed
10/12/2010	Answering	Depreciation Complaint	FERC	EL10-55-001
10/25/2010	Cross Answering	Depreciation Complaint	FERC	EL10-55-001
02/23/2011	Rebuttal	Depreciation Complaint	FERC	EL10-55-001
7/22/2011	Direct	MSS-4 Repricing	Council	UD-11-02
11/28/2011	Direct	2011 Rate Case	PUCT	39896
1/26/2012	Supplemental Direct	CGS	PUCT	38951
4/13/2012	Rebuttal	2011 Rate Case	PUCT	39896
4/24/2012	Supplemental Rebuttal	CGS	PUCT	38951
4/30/2012	Direct	MISO Change of Control	PUCT	40346
9/5/2012	Direct	ITC Transaction	LPSC	U-32538
9/12/2012	Direct	ITC Transaction	Council	UD-12-01
2/15/2013	Direct	EGSL 2013 Rate Case	LPSC	U-32707
2/15/2013	Direct	ELL 2013 Rate Case	LPSC	U-32708
3/28/2013	Direct	ELL Algiers 2013 Rate Case	Council	UD-13-01
4/9/2013	Direct	ELL EGSL Hurricane Isaac Storm Recovery	LPSC	U-32674
5/21/2013	Rebuttal	ITC Transaction	LPSC	U-32538

<u>DATE</u>	<u>TYPE</u>	<u>SUBJECT MATTER</u>	<u>REGULATORY BODY</u>	<u>DOCKET NO.</u>
5/29/2013	Errata-Rebuttal	ITC Transaction	LPSC	U-32538
2/18/2014	Rebuttal	ELL Algiers 2013 Rate Case	Council	UD-13-01
4/04/2014	Rejoinder	ELL Algiers 2013 Rate Case	Council	UD-13-01
9/30/2014	Direct	ELL/EGSL Business Combination	LPSC	U-33244
11/06/2014	Direct	ELL/EGSL Business Combination	Council	UD-14-03
1/13/2015	Direct	EGSL Union Power Station	LPSC	U-33510
5/1/2015	Rebuttal	ELL/EGSL Business Combination	LPSC	U-33244
6/5/2015	Direct	Ninemile 6 Prudence Review	LPSC	U-33633
7/13/2015	Settlement	ELL/EGSL Business Combination	LPSC	U-33244
8/25/2015	Direct	St. Charles Power Station	LPSC	U-33770
3/11/2016	Rebuttal	St. Charles Power Station	LPSC	U-33770
11/2/2016	Direct	Lake Charles Power Station	LPSC	U-34283
11/15/2016	Direct	Oxy PPA Amendment	LPSC	U-34303
11/22/2016	Direct	Advanced Metering System	LPSC	U-34320
2/23/2017	Direct	Carville PPA	LPSC	U-34401
4/21/2017	Direct	MISO Renewal	LPSC	U-34447
4/24/2017	Rebuttal	Lake Charles Power Station	LPSC	U-34283
5/23/2017	Direct	Washington Parish Energy Center	LPSC	U-34472
8/21/2017	Direct	2016 FRP Extension	LPSC	U-34631
5/29/2020	Direct	ELL FRP Extension	LPSC	U-35565
6/24/2020	Direct	J. Wayne Leonard Power Station Prudence Review	LPSC	U-35581
10/14/2020	Direct	ELL Laura Interim Financing	LPSC	U-35762



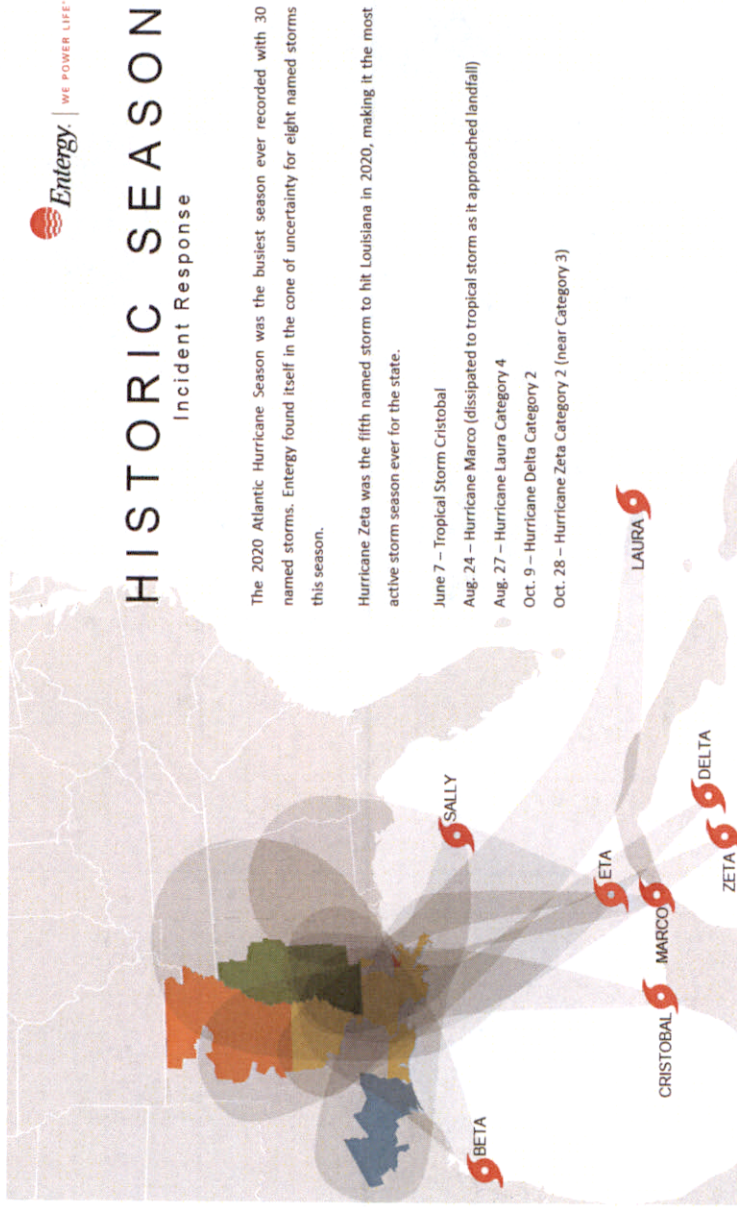
**Storm Recovery Application of Entergy
Louisiana, LLC**

Executive Summary



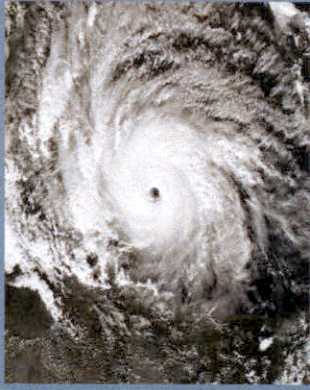
Historic Season

The 2020 Atlantic Hurricane Season was the most active hurricane season on record.



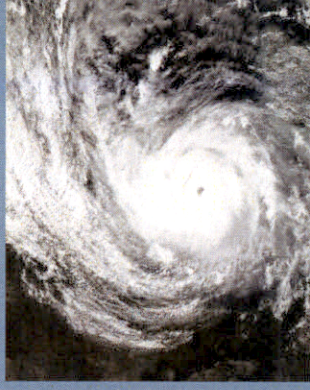
Storm Comparisons

Louisiana was battered by **three** significant hurricanes in a **62-day** period, impacting over **1 million** Entergy customers.



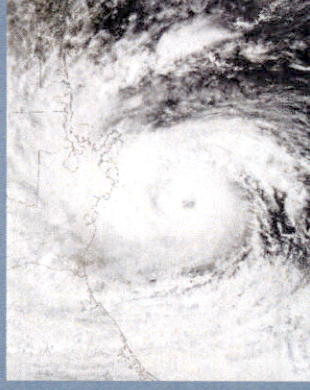
Laura

- Category 4
- 150 mph sustained winds
- 436,000 outages
- 22,290 restoration workers



Delta

- Category 2
- 100 mph sustained winds
- 616,000 outages
- 9,249 restoration workers



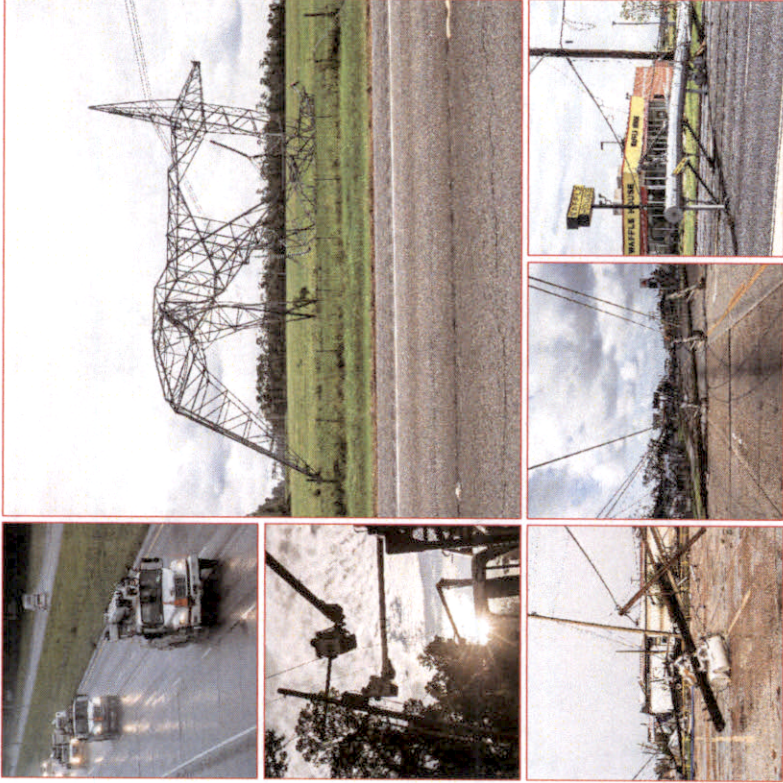
Zeta

- Category 2
- 110 mph sustained winds
- 303,097 outages
- 5,910 restoration workers

Hurricane Laura

Hurricane Laura came first and caused catastrophic and unprecedented damage to ELL's utility system and the communities that we serve.

- Made landfall near Cameron, Louisiana, on August 27, 2020, as a Category 4 hurricane.
- Hurricane Laura was the strongest hurricane to make landfall in Louisiana in 164 years.
- The sustained power of the storm as it moved through Louisiana damaged utility infrastructure on a scale not experienced with prior hurricanes.
- The damage was so severe that it was more consistent with destruction caused by a tornado but across a much wider path – stretching from southwest Louisiana all the way through North Louisiana.
- Hurricane Laura was the first major restoration requiring COVID-19 protocols.



Hurricane Laura: Damage

Damage to the Company's transmission and distribution systems included destroyed and damaged structures, downed trees on lines, vegetation and other debris that blocked roads and rights-of-way, and wind damage to substations.

Hurricane Laura destroyed **more than double** the number of transmission structures as Hurricane Rita, which was a strong Category 3 hurricane that made landfall in Louisiana near its border with Texas, and was the most destructive storm in recent history to impact the Company's facilities in the Lake Charles area prior to Hurricane Laura.

By the numbers:

- **12,453** distribution poles damaged and/or destroyed
- **4,264** transformers damaged and/or destroyed
- **27,166** spans of distribution wire damaged and/or destroyed
- **9,263** cross-arms damaged and/or destroyed
- **1,822** transmission structures damaged and/or destroyed
- **188** substations damaged and/or impacted
- **152** transmission lines out of service
- **Three** generating plant sites impacted

Hurricane Laura: Restoration

Hurricane Laura was the most damaging and expensive storm to ever strike ELL's utility system, and restoring that system required an unprecedented response.

It took creative thinking to successfully rebuild the decimated transmission and distribution system in southwest Louisiana and restore power to nearly all affected customers in just over **three** weeks.

We are proud that Entergy will be presented this summer with the 2021 Southeastern Electric Exchange Industry Excellence Award (Transmission-Line Category) for its Hurricane Laura Restoration.

None of the efforts to restore the utility system would have been possible without the **thousands** of workers involved in those restoration efforts, all of which had to be housed and fed in the middle of a pandemic. ELL's storm team totaled **22,290** workers – the largest restoration effort the Company has ever mobilized. The massive logistical effort required to house, feed, transport, and support the restoration workforce included:

-  **72** Worksites  **82,226** Bed-Nights
-  **682,677** Meals Served  **2,655,326** Gallons of Fuel

Hurricane Delta

Just **six** weeks after Hurricane Laura devastated the area, Hurricane Delta made landfall just **12** miles to the east of where Hurricane Laura came ashore.

● Made landfall near Creole, Louisiana, on October 9, 2020, as a Category 2 hurricane.

● Hurricane Delta had a large circulation and rain shield, extending the range of hurricane-force winds from southeast Texas to south central Louisiana and resulting in widespread flooding.

● Like Laura, Hurricane Delta damaged the Company's transmission and distribution systems.

● Damage included fallen trees on lines; downed and damaged structures and associated facilities; loss of communication facilities; vegetation and other debris that blocked the roads and rights-of-way; and wind damage to substations.



Hurricane Delta: Damage

ELL mobilized a storm team of **9,249** workers to support the Hurricane Delta restoration.

By the numbers:

- **969** distribution poles damaged and/or destroyed
- **356** transformers damaged and/or destroyed
- **2,407** spans of distribution wire damaged and/or destroyed
- **793** cross-arms damaged and/or destroyed

- **171** transmission structures damaged and/or destroyed
- **142** substations out of service
- **116** transmission lines out of service
- **Six** generating plant sites impacted

Hurricane Zeta

In late October 2020, Hurricane Zeta became a record 11th named storm to make landfall in the United States.

Made landfall near Cocodrie, Louisiana, on October 28, 2020, as a strong Category 2 hurricane (one mph shy of Category 3 strength).

Hurricane Zeta was the fifth named storm to make landfall in Louisiana during 2020, making it the most active storm season in the state's history.

Hurricane Zeta's rapid forward motion – which was nearly double the speed of many other hurricanes that have made landfall along the Gulf Coast – meant that the storm was more intense and that hurricane-force winds were carried much farther inland than forecasters were expecting.

Damage to transmission and distribution systems in the coastal parishes of southeast Louisiana was extensive.



Hurricane Zeta: Damage

ELL mobilized a storm team of **5,910** workers to support the Hurricane Zeta restoration.

By the numbers:

- **2,424** distribution poles damaged and/or destroyed
- **481** transformers damaged and/or destroyed
- **1,593** spans of distribution wire damaged and/or destroyed
- **655** cross-arms damaged and/or destroyed

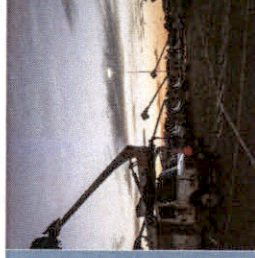
- **199** transmission structures damaged and/or destroyed
- **24** substations experienced an outage
- **32** transmission lines out of service
- **Two** generating plant sites impacted

Restoration Challenges

ELL faced multiple challenges in restoring service to customers after Hurricanes Laura, Delta and Zeta, which directly relate to the amount of storm costs incurred by the Company.



The intensity of the hurricanes and the sheer magnitude of the damage caused by each storm.



Limited supply of personnel, material, and logistical resources due to the record number of hurricanes across the country.

Providing meals and lodging to the restoration workforce while navigating the COVID-19 pandemic.






Special equipment to assess and then access damaged areas, including drone technology.



Restoration Focus

Our overriding concern was to get the lights back on as quickly and safely as possible for the health and safety of the communities we serve.

-  *ELL restored service to 75% of Louisiana customers affected by Hurricane Laura within 2 weeks, and 90% of customers within 3 weeks. Power to all customers who were able to accept service was restored by October 1 (35 days after Hurricane Laura made landfall).*
-  *ELL restored service to more than 90% of customers in Louisiana within 3 days following Hurricane Delta. Power to all customers who were able to accept service was restored by October 17 (8 days after Hurricane Delta made landfall).*
-  *ELL restored service to nearly 90% of customers in Louisiana within 4 days following Hurricane Zeta. Power to all customers who were able to accept service was restored by November 12 (15 days after Hurricane Zeta made landfall).*

Service restoration would have taken significantly longer had ELL not incurred the additional costs associated with overcoming the challenges presented by the unprecedented 2020 hurricane season and the COVID-19 pandemic.

Resilient Communities

We remain thankful for the tireless and selfless efforts of thousands of men and women in the Entergy restoration effort who restored service to customers and helped bring some sense of normalcy back to a region that had been devastated by the most active storm season ever for the State of Louisiana.

"It seems like every couple of hours we get an update that a new neighborhood or a new area of town has some lights on. I can't tell you how proud I am of our city employees and Entergy . . . for moving mountains to make these things happen . . . If you would've told me two weeks ago that we would be sitting here today talking about power in Lake Charles over the next several days, I would've said there's no way. I think the government can take a page out of Entergy's book sometimes."

- Nic Hunter, Mayor of Lake Charles

"Commissioners, these companies did just a miracle of a job. Little did we think that we would have power up as quickly as we did considering the fact that there were, I think, close to or over 11,000 pole[s] – just right here and I'm talking about Calcasieu and the Calcasieu area proper, Entergy replaced over 11,000 poles, pulled hundreds of miles of new wire, replaced close to 7,000 transformers, and then that had – was not even talked about was the huge transmission lines coming into our areas that had to be completely replaced. So I will tell you that they are heroes in our area. There's actually – believe or not, there's talk of a permanent monument of a lineman here in Calcasieu Parish and one day you may actually see that happen. So I just want to give a special thanks to those companies that you regulate because they performed in the way that they should have performed for the people of Southwest Louisiana."

- Ronnie Johns, Louisiana State Senator

Winter Storm Uri

In February 2021, back-to-back winter storms brought multiple waves of ice and snow to Louisiana.

- Much of north Louisiana spent from 120-130 hours with below-freezing temperatures.
- As with other storms, multiple facilities and lines were damaged.
- Travel was extremely difficult, delaying workers from reaching damaged equipment to make repairs. Roads were refreezing overnight throughout the week, particularly in north Louisiana, hampering travel until roads thawed.
- We also saw challenges with cold load pickup, which impacted the speed with which we were able to safely restore power.



Winter Storm Uri: Damage

ELL mobilized a storm team of more than **4,000** workers to support the Winter Storm Uri restoration.

By the numbers:

- **260** distribution poles damaged
- **158** transformers damaged
- **1,863** spans of distribution wire damaged

- **14** transmission lines damaged
- **Two** transmission structures damaged
- **One** transmission pole damaged

Storm Costs

\$1.988 billion

The costs incurred by ELL to repair the catastrophic damage caused by Hurricanes Laura, Delta, and Zeta.

\$2.033 billion

After adding carrying costs through January 2022, ELL is requesting a Commission determination that \$2.033 billion incurred as a result of Hurricanes Laura, Delta, and Zeta is eligible for recovery.

\$60 million

The costs incurred by ELL to repair the damage caused by Winter Storm Uri total \$60 million.

\$64.4 million

After adding carrying costs through January 2022, ELL is requesting a Commission determination that \$64.4 million incurred as a result of Winter Storm Uri is eligible for recovery.

All of these costs were both reasonable and necessary to repair the damage to – and rebuild in some cases – ELL’s transmission, distribution, and generation systems promptly, safely, and efficiently in the wake of the damage caused by Hurricanes Laura, Delta, Zeta, and Winter Storm Uri.