Company-owned duct lines. All City-owned conductors and cables, whether on poles or in duct lines, shall be constructed, maintained and operated in such manner as to not interfere with or create a hazard in the operation of Company's System or Company's business. If after installation, City's equipment is found to interfere with Company's System or business, Company and City shall work together to address the problem and, if deemed practical by Company, preserve City's access.

In addition to the consideration set forth in Section 11, Company shall permit City to use, free of charge, extra space on its street light poles to install City-owned traffic control signs and decorative banners, with prior written approval from Company and provided that such use is consistent with the NESC and other applicable engineering and operational codes and standards.

Notwithstanding any other provision in this Franchise, it is further agreed that Company shall not be responsible to any party or parties whatsoever for any claims, demands, losses, suits, judgments for damages or injuries to Persons or property by reason of the construction, maintenance, inspection or use of the traffic signal light systems, police and fire alarm systems, traffic control signs, or decorative banners belonging to City and constructed upon Company's poles or street light poles or in its ducts, and City shall indemnify and hold Company harmless against all such claims, losses, demands, suits and judgments, to the extent permitted by the Texas Tort Claims Act, but City does not, by this agreement, admit primary liability to any third party by reason of City's operation and use of such traffic signal light systems, police and fire alarm systems, traffic control signs, or decorative banners, such being a function of government.

Section 16. City may conduct an audit or other inquiry, or may pursue a cause of action in relation to the payment of the Annual Franchise Fee only if such audit, inquiry, or pursuit of a cause of action concerns a payment made less than two (2) years before commencement of such audit, inquiry, or pursuit of a cause of action. City shall bear the costs of any such audit or inquiry. All books and records related to Company's operations under this Franchise shall be available to City. Upon receipt of a written request from City, such documents shall be made available for inspection and copying no later than thirty (30) days from the receipt of such request. Amounts due to City for past underpayments or amounts due Company for past overpayments shall include interest calculated using the annual interest rates for overcharges as set by the Texas Public Utility Commission. Said interest shall be payable on such sum from the date the initial payment was due until it is paid.

Section 17. The parties agree to waive any and all claims, asserted or unasserted, arising out of prior franchise agreements including, without limitation, the Prior Franchise, except those claims relating to Company's obligations as determined in an audit underway as of March 1, 2006.

Section 18. Nothing contained in this Franchise shall ever be construed as conferring upon Company any exclusive rights or privileges of any nature whatsoever.

Section 19. It shall be Company's obligation as provided in Section 8 hereof to furnish efficient electrical service to the public at reasonable rates and to maintain its property in good repair and working order except when prevented from so doing by forces and conditions not reasonably within the control of Company. Should Company fail or refuse to maintain its System in good order and furnish efficient service at all times throughout the life of this grant, except only when prevented from so doing by Force Majeure, or should Company fail or refuse to furnish efficient service at reasonable rates, lawfully determined by City, throughout the life of this grant, excepting only during such periods as Company shall in good faith and diligently contest the reasonableness of the rates in question, then it shall forfeit and pay to City the sum of Twenty Five Dollars ($25) for each day it shall so fail or refuse after reasonable notice thereof and a hearing thereon by City. Any suit to recover such penalty shall be filed within one year from the date the penalty accrues.

Section 20. If any term or other provision of the Franchise is determined by a nonappealable decision by a court, administrative agency, or arbitrator to be invalid, illegal, or incapable of being enforced by any rule of law or public policy, all other conditions and provisions of the Franchise shall nevertheless remain in full force and effect so long as the economic or legal substance is not affected in any manner materially adverse to either party. Upon such determination that any term or other provision is invalid, illegal, or incapable of being enforced, the parties shall negotiate in good faith to modify the Franchise so as to effect the original intent of the parties as closely as possible.

SECTION 21. ***Subject to Section 15, Company, its successors and assigns, shall protect and hold City harmless against all claims for damages or demands for damages to any Person or property by reason of the construction and maintenance of its electricity transmission and distribution System, or in any way growing out of the granting of this Franchise, either directly or indirectly, or by reason of any act, negligence, or nonfeasance of the contractors, agents or employees of Company, its successors or assigns, and shall refund to City all sums which it may be adjudged to pay on any such claim, or which may arise or grow out of the exercise of the rights and privileges hereby granted, or by the abuse thereof, and Company, its successors and assigns, shall indemnify and hold City harmless from and on account of all damages, costs, expenses, actions, and causes of action, to the extent permitted by the Texas Tort Claims Act, that may accrue to or be brought by any Person, Persons, company or companies at any time hereafter by reason of the exercise of the rights and privileges hereby granted, or of the abuse thereof.***

Section 22. In granting this Franchise, it is understood that the lawful power vested by law in City to regulate all public utilities within City, and to regulate the local

rates of public utilities within City within the limits of the Constitution and laws, and to require all persons or corporations to discharge the duties and undertakings, for the performance of which this Franchise was made, is reserved; and this grant is made subject to all lawful rights, powers and authorities, either of regulation or otherwise, reserved to City by its Charter or by the general laws of this State.

Section 23. This Franchise amends the Prior Franchise, and extends the term of the Prior Franchise for an additional thirty (30) years [to June 28, 2046] and replaces all other former franchise agreements with Company, or its predecessors, which are hereby repealed.

Section 24. City by the granting of this Franchise does not surrender or to any extent lose, waive, impair or lessen the lawful powers and rights, now or hereafter vested in City under the Constitution and statutes of the State of Texas and under the Charter of City to regulate the rates and services of Company; and Company by its acceptance of this Franchise agrees that all such lawful regulatory powers and rights as the same may be from time to time vested in City shall be in full force and effect and subject to the exercise thereof by City at any time and from time to time.

Section 25. Within 30 days following the final passage and approval of this ordinance, the Company shall file with the City Secretary, accompanied by appropriate authorized corporate resolutions in a form acceptable to the City Attorney, a written statement in the following form signed in its name and behalf:

"To the Honorable Mayor and the City Council of the City of Mont Belvieu, Texas:

For itself, its successors and assigns, Grantee, CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC, hereby accepts the attached ordinance and agrees to be bound by all of its terms, conditions and provisions."

CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC

By: _____

Name: _____

Title: _____

"Dated this the _____ day of _____, 2006."

Section 27. Every notice, order, petition, document, or other direction or communication to be served upon the City or the Company shall be deemed sufficiently given if sent by registered or certified mail, return receipt requested. Every such communication to the Company shall be sent to:

Vice President, Regulatory Relations
CenterPoint Energy, Inc.
1111 Louisiana Street
Houston, Texas 77002

Unless and until changed by written notice given in accordance with this section, every such communication to the City or the City Council shall be sent to the

MAYOR, CITY OF MONT BELVIEU

P. O. BOX 1048

MONT BELVIEU, TEXAS 77580

and, as applicable, to the

CITY MANAGER, CITY OF MONT BELVIEU

P. O. BOX 1048

MONT BELVIEU, TEXAS 77580

The mailing of such notice, direction, or order shall be equivalent to direct personal notice and shall be deemed to have been given the earlier of receipt or two business days after it was mailed.

Section 28. The rights and remedies provided herein are cumulative and not exclusive of any remedies provided by law, and nothing contained in this Franchise shall impair any of the rights of the City or the Company under applicable law, subject in each case to the terms and conditions of this Franchise.

Passed, approved and adopted this the 24 day of July, 2006.

Rick Dixon
MAYOR

ATTEST:

Phyllis B. Sickwell
CITY SECRETARY

(SEAL)

THE STATE OF TEXAS

COUNTY OF CHAMBERS

I, PHYLLIS B SOCKWELL, the duly appointed, qualified and acting Secretary of the City of Mont Belvieu, Texas, hereby certify that the above and foregoing ordinance of the City of Mont Belvieu was passed at a regular meeting of the City Council of the City of Mont Belvieu held on the 24th day of July, 2006; that written notice of the date, hour, place and subject of said meeting was posted for at least 72 hours preceding the scheduled time of said meeting on a bulletin board located in a place in the city hall which is convenient and readily accessible to the general public at all times; that the Mayor, Nick Dixon, and Councilmembers, Mike Pomykal, Lydia Schneider, Charlotte Carley, and Tommy Grimeswere present at said meeting and acted as the Council throughout; that said ordinance has been approved by the Mayor and is duly attested by the Secretary; and that the same has been duly engrossed and enrolled in the records of the City of Mont Belvieu, Texas.

EXECUTED under my hand and the official seal of the City of Mont Belvieu, Texas, this 25th day of July, 2006.

Phyllis B Sockwell

CITY SECRETARY
OF THE CITY OF MONT BELVIEU, TEXAS

(SEAL)

Expires 01/01/2031

CERTIFICATION

I, Lorri Coody, the duly appointed and acting City Clerk of the City of Baytown, Harris County, Texas, do hereby certify and attest that as part of my duties, I do supervise and act as lawful custodian of the records of the City of Baytown; that the attached document is a true and correct copy of Ordinance No. 10,398

ORDINANCE NO. 10,398

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF BAYTOWN, TEXAS, GRANTING TO CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC THE RIGHT, PRIVILEGE AND FRANCHISE TO USE THE PUBLIC RIGHTS-OF-WAY AND TO USE, LICENSE, OR EXPLOIT THE COMPANY'S FACILITIES WITHIN THE PUBLIC RIGHTS-OF-WAY TO CONDUCT AN ELECTRIC DELIVERY BUSINESS IN THE CITY AND FOR SUCH OTHER BUSINESS PURPOSES AS THE COMPANY MAY DESIRE FROM TIME TO TIME, SPECIFICALLY INCLUDING, BUT NOT LIMITED TO, THE GRANTING OF ACCESS TO THOSE FACILITIES FOR THE DELIVERY OF BROADBAND OVER POWER LINES OR SIMILAR SERVICE WITHIN THE CITY OF BAYTOWN, TEXAS; AND PROVIDING FOR THE EFFECTIVE DATE THEREOF.

Adopted by the City Council at its meeting held on September 28, 2006.

WITNESS MY HAND AND SEAL of the City on September 29, 2006.

Lorri Coody, City Clerk

CITY OF BAYTOWN, TEXAS (SEAL)

ORDINANCE NO. 10,398

AN ORDINANCE OF THE CITY COUNCIL OF THE CITY OF BAYTOWN, TEXAS, GRANTING TO CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC THE RIGHT, PRIVILEGE AND FRANCHISE TO USE THE PUBLIC RIGHTS-OF-WAY AND TO USE, LICENSE, OR EXPLOIT THE COMPANY'S FACILITIES WITHIN THE PUBLIC RIGHTS-OF-WAY TO CONDUCT AN ELECTRIC DELIVERY BUSINESS IN THE CITY AND FOR SUCH OTHER BUSINESS PURPOSES AS THE COMPANY MAY DESIRE FROM TIME TO TIME, SPECIFICALLY INCLUDING, BUT NOT LIMITED TO, THE GRANTING OF ACCESS TO THOSE FACILITIES FOR THE DELIVERY OF BROADBAND OVER POWER LINES OR SIMILAR SERVICE WITHIN THE CITY OF BAYTOWN, TEXAS; AND PROVIDING FOR THE PUBLICATION AND THE EFFECTIVE DATE THEREOF.

****

WHEREAS, City of Baytown, Texas Ordinance No. 488 (the "Prior Franchise") granted an electrical lighting and power franchise to Houston Lighting & Power Company, for a term expiring September 30, 2008; and

WHEREAS, Company is the successor to Reliant Energy, Incorporated ("REI"), which was the successor to Houston Lighting & Power Company, by virtue of a corporate restructuring of REI that occurred in August 2002, in which REI was merged with and into an indirect wholly owned subsidiary of CenterPoint Energy, Inc., which was converted into a limited liability company and was renamed CenterPoint Energy Houston Electric, LLC; and

WHEREAS, Company owns and operates an electric delivery business within the corporate limits of the City and Company is willing to continue to provide electric delivery services within the corporate limits of the City; and

WHEREAS, Company and the City have reached agreement on the terms and conditions by which they will terminate the Prior Franchise and enter into a new franchise for thirty (30) years to August 30, 2036; and

WHEREAS, it is hereby found and determined by the City Council of the City of Baytown that it is in the best interests of the City that a Franchise granting to the Company the right to use the public rights-of-way to conduct an electric delivery business in the City and for such other business purposes as the Company may desire from time to time be granted subject to the terms and conditions described in this ordinance; NOW, THEREFORE,

BE IT ORDAINED BY THE CITY COUNCIL OF THE CITY OF BAYTOWN, TEXAS:

Section 1: That the facts contained in the preamble to the Ordinance are determined to be true and correct and are hereby adopted.

Section 2: Definitions.

Annual Adjustment Factor has the meaning set forth in Section 11 below.

Annual Franchise Fee has the meaning set forth in Section 11 below.

Broadband over Power Lines (BPL) or *"Access BPL"* has the same meaning as that used by the Federal Communications Commission in Section 15.3 of its Rules as reprinted below:

> Access Broadband over Power Line (Access BPL). A carrier current system installed and operated on an electric utility service as an unintentional radiator that sends radio frequency energy on frequencies between 1.705 MHz and 80 MHz over medium voltage lines or over low voltage lines to provide broadband communications and is located on the supply side of the utility service's points of interconnection with customer premises. Access BPL does not include power line carrier systems as defined in Section 15.3(t) of this part or In-House BPL as defined in Section 15.3(gg) of this part.

City means the City of Baytown, Texas, a municipal corporation of the State of Texas.

City Council means the governing body of the City, or its designee.

Company means CenterPoint Energy Houston Electric, LLC, a Texas limited liability company.

Effective Date means September 1, 2006.

First Rate Case has the meaning set forth in Section 14 below.

Force Majeure means forces or conditions not reasonably within the control of a party, including a strike; war or act of war (whether an actual declaration of war is made or not); insurrection; riot; act of public enemy; accident; fire; flood or other act of God; sabotage; shortages in materials, supplies and equipment; governmental regulations, limitations and restrictions as to the use and availability of materials, supplies and equipment and as to the use of services; unforeseen and unusual demands for service; or other events, where the affected party has exercised all due care in the prevention thereof and such causes or other events are without the fault or negligence of the affected party.

Franchise means this Ordinance and the rights and privileges granted by this Ordinance.

Franchise Year has the meaning set forth in Section 11, below.

Franchise Area means the area within the boundaries of the City as of the Effective Date and as same may change from time to time during the term of the Franchise.

Initial Franchise Period shall have the meaning set forth in Section 11, below.

Other Services means any service, exclusive of the transmission and distribution of electricity, provided or allowed to be provided through the use or license of the System for a fee, including but not limited to BPL.

Person means any individual, firm, partnership, association, corporation, company or organization of any kind.

Prior Franchise has the meaning set forth in the first Whereas clause, above.

Public Rights-of-Way means the areas in, under, upon, over, across, and along any and all of the present and future Streets or streams now or hereafter owned or controlled by City.

Public Works Improvement Projects has the meaning set forth in Section 5, below.

PUC means the Public Utility Commission of Texas or its successor agency with equivalent jurisdiction.

Retail Customer means any Person taking delivery of electricity from Company, at a point of delivery within the Franchise Area.

Street means the surface and the space above and below any public street, road, highway, alley, bridge, sidewalk, or other public place or way.

System means the Company's facilities erected, constructed, maintained, operated, used, extended, removed, replaced, and repaired, as necessary, by Company pursuant to this Franchise, including without limitation, all poles, pole lines, towers, transmission lines, wires, guys, conduits, cables, and other desirable instrumentalities and appurtenances (including telegraph and telephone poles and wires for use of Company), necessary and proper for the purpose of transmitting and distributing electricity to the City and the inhabitants of said City or other Persons, for any purpose for which electricity may be used.

Section 3: Subject to the terms, conditions and provisions of this Franchise, City hereby grants to Company the right, privilege and franchise to use City's Public Rights-of-Way to construct, maintain, operate and use Company's System to conduct within the City an electric delivery business and the right to use, license, or exploit the System within the Public Rights-of-Way for Other Services. This Franchise does not restrict City's right to impose reasonable fees upon third parties for the use of the Public Rights-of-Way to provide Other Services, so long as such fees are assessed on a non-discriminatory basis with those charged to other companies providing services competitive with the Other Services.

Section 4: Upon the effective date of this Franchise, the City and the Company agree that the Prior Franchise is terminated and this Franchise shall be in full force and effect from September 1, 2006 to August 30, 2036.

Section 5: All poles erected by Company pursuant to the authority herein granted shall be of sound material and reasonably straight, and shall be so set that they shall not interfere with the flow of water in any gutter or drain, and so that the same shall interfere as little as practicable with the ordinary travel, on the Streets or other Public Rights-of-Way. Within the Streets or other Public Rights-of-Way of City, the location and route of all poles, stubs, guys, anchors, lines, conduits and cables placed and constructed and to be placed and constructed by Company in the construction and maintenance of Company's System in the City, shall be subject to the reasonable and proper regulation, control and direction of City, or of any City official to whom

such duties have or may be duly delegated, which regulation and control shall include, but not by way of limitation, the right to require in writing, to the extent provided in Section 10, the relocation of Company's System at Company's cost within the Streets or other Public Rights-of-Way whenever such shall be reasonably necessary to accommodate improvement projects within such Streets or Public Rights-of-Way by the city department with primary responsibility for public works projects ("Public Works Improvement Projects").

Section 6: In consideration for the compensation set forth in Sections 11 and 15, City agrees that if City sells, conveys, or surrenders possession of any portion of the Public Right-of-Way that is being used by Company pursuant to this Franchise, City, to the maximum extent of its right to do so, shall first grant Company an easement for such use; and the sale, conveyance, or surrender of possession of the Public Right-of-Way shall be subject to the right and continued use of Company.

Section 7: Following completion of work in Public Rights-of-Way, Company shall repair the affected Public Rights-of-Way as soon as possible, but in all cases shall comply with all valid City ordinances governing time periods and standards relating to excavating in the Public Rights-of-Way. No Street or other Public Right-of-Way shall be encumbered by construction, maintenance or removal work by Company for a longer period than shall be necessary to execute such work.

Section 8: The service furnished hereunder to City and its inhabitants shall be first-class in all respects, considering all circumstances, and Company shall furnish the grade of service to Retail Customers as provided by its rate schedules and shall maintain its System in reasonable operating condition during the continuance of this Franchise. Company's tariffs shall govern the rates, access to service, terms and quality of electric delivery services provided by Company. An exception to this requirement is automatically in effect when due to Force Majeure. In any Force Majeure event, Company shall do all things reasonably within its power to restore normal service.

Section 9: Company, on the written request of any person, shall remove or raise or lower its wires temporarily to permit construction work in the vicinity thereof or to permit the moving of vessels, houses or other bulky structures. The expense of such temporary removal, raising or lowering of wires shall be paid by the benefited party or parties, and Company may require such payment in advance, being without obligation to remove, raise, or lower its wires until such payment has been made. Company shall be given adequate, and in no event less than forty-eight (48) hours, advance notice to arrange for such temporary wire changes.

Section 10: Company shall construct, operate, and maintain its transmission and distribution facilities in substantial accordance with Company's own Service Standards and the National Electrical Safety Code ("NESC"). Company shall determine the specific location and the method of construction and types of materials used in building, maintaining, and operating Company's transmission and distribution facilities. City shall require its employees and contractors performing work for the benefit of City to comply with all applicable laws, statutes, codes and standards (including, without limitation, Section 752 of the Texas Health and Safety Code, as the same may be amended or replaced, and the NESC) when working near Company's System and to report as soon as practicable any damage done to Company's System. Company

also agrees to require its employees and contractors performing work for the benefit of City to comply with all applicable laws, statutes, codes and standards (including, without limitation, Section 752 of the Texas Health and Safety Code, as the same may be amended or replaced, and the NESC) when working near City's facilities and to report as soon as practicable any damage done to City's facilities. Company shall relocate facilities within Public Rights-of-Way at Company's own expense, exclusive of street lighting and facilities installed for service directly to City, to accommodate Public Works Improvement Projects, including, but not limited to street widening, change of grade, water, sewer, or drainage upgrades, construction or reconstruction projects and minor relocation of traffic lanes. City shall bear the costs of all relocations of street lighting and facilities installed for service directly to City and of any relocation of other facilities requested by City for reasons other than Public Works Improvement Projects. Except in the event of an emergency, City shall give Company at least seventy-two (72) hours notice when City or City's contractor is requesting the bracing of Company's poles. Company shall pay for the bracing to accommodate Public Works Improvement Projects, including but not limited to street widening, change of grade, water, sewer, or drainage upgrades, construction or reconstruction projects and minor relocation of traffic lanes.

Section 11: In consideration for the rights and privileges herein granted, Company agrees to pay to City, beginning on the Effective Date and continuing throughout the (30) year term of this Franchise provided for in Section 4, above, an annual franchise fee (referred to herein as "Annual Franchise Fee"), subject to an Annual Adjustment Factor as set forth below. Except as set forth in Section 15, payment of the Annual Franchise Fee shall be the total compensation payable to City in consideration for the right, privilege and franchise herein conferred for Company's use of the Public Rights-of-Way to construct, operate, use and maintain its System for the provision of electric transmission and distribution service and its right to use, license, or exploit its System for Other Services.

The Annual Franchise Fee shall be calculated as follows:

1. The "Annual Franchise Fee," for the period beginning on the Effective Date and continuing through June 30, 2007 (the "Initial Franchise Period"), shall be prorated by dividing $2,406,137.78 by 12 and multiplying that monthly payment by the number of months the Franchise will actually be in force and effect.

2. The Annual Franchise Fee for each succeeding twelve-month period (each a "Franchise Year"), including the Franchise Year beginning July 1, 2007, shall be adjusted by multiplying $2,406,137.78 by the Annual Adjustment Factor. The "Annual Adjustment Factor" for any given year shall be a fraction, the numerator of which shall be the kWh delivered by Company within the Franchise Area (inclusive of street lighting) in the previous calendar year and the denominator of which shall be the kWh delivered by Company within the Franchise Area (inclusive of street lighting) in 2005, said amount being 768,091,285 kWh. (Example: The Annual Franchise Fee for the Franchise Year beginning July 1, 2010 = $2,406,137.78 x 2009 kWh/768,091,285 kWh).

In no case, however, shall the Annual Franchise Fee be less than $2,406,137.78 except as provided in (1) above, for the Initial Franchise Period.

In calculating the amount to be paid each year, Company shall offset its Annual Franchise Fee payments with the amount of the Municipal Account Franchise Credits and Municipal Franchise Fee Credits provided in Company's tariffs and applicable to City in the prior calendar year. The Annual Franchise Fee shall be payable in equal monthly installments due the first day of each calendar month. Company shall calculate the new franchise fee to be payable for each Franchise Year beginning July 1st and shall provide the same along with the basis for such calculation to City for its review no later than April 1st of each year. If Company does not receive an objection from City by May 31st, Company shall implement the adjusted Annual Franchise Fee payment on July 1st. If the additional thirty (30) year term of this Franchise provided for in Section 4, above, ends on any day other than the last day of the last Franchise Year, then the Annual Franchise Fee for the final Franchise Year shall first be calculated pursuant to this Section 11 and then pro rated accordingly.

Section 12: The parties agree that the franchise payments due under this Franchise are reasonable and necessary and that the parties shall use their best efforts to enable Company to recover these payments through its electric rates.

Section 13:. Except as provided in Section 15, the Annual Franchise Fee payable hereunder shall be the total compensation payable by Company to City for Company's use of the Public Rights-of-Way for the conduct of its business under the Franchise. City shall not charge any additional license, charge, fee, street or alley rental, or other character of charge or levy for the use or occupancy of the Public Rights-of-Way in City, or any pole tax or inspection fee tax. If City does charge Company any additional license, charge, fee, street or alley rental, or other character of charge or levy, then Company may deduct the amount charged from the next succeeding franchise payment or payments until fully reimbursed. The Franchise shall constitute a permit to perform all work on Company's System within the Public Rights-of-Way and to park vehicles in the Streets and other Public Rights-of-Way when necessary for the installation, removal, operation or maintenance of Company's System. Company and contractors performing work for Company shall not be required to obtain any permits in addition to the Franchise or to pay any fee in addition to the Annual Franchise Fee in order to perform work on Company's System or to park within the Streets and other Public Rights-of-Way. Company shall cooperate with City to avoid unnecessary disruption, and Company shall comply with all valid City ordinances governing time periods and standards relating to excavating in the Public Rights-of-Way.

Section 14: In the first rate case to review Company's base rates following the Effective Date (the "First Rate Case"), City shall support Company's request to include in Company's base rates the entire then-effective Annual Franchise Fee. If, as a result of the First Rate Case, or any subsequent rate case, Company's entire then-effective Annual Franchise Fee is not included in Company's base rates, then Company shall be required to pay only so much in franchise fees as the amount of franchise fees used by the PUC to calculate Company's then-effective rates.

Section 15: In addition to the considerations set forth in Section 11, Company shall furnish, free of charge, subject to the use of City, such pole and/or duct space as may be required from time to time for City-owned traffic, police and fire alarm system conductors; provided such conductor space does not exceed the available capacity on any one existing pole or in one existing interior duct. Company shall allow for the expanded use of existing energized

conductors by City for the purposes of providing traffic signal communication interconnectivity with prior written approval from Company, which approval shall not be unreasonably withheld, conditioned, delayed or denied. The specific location for these traffic, police and fire alarm conductors on Company poles or ducts shall be determined by Company and shall be allotted at the time specific applications for space are received from City. All City traffic, police and fire alarm circuits on Company poles and ducts shall be designed and installed, operated and maintained in compliance with the applicable provisions of the NESC and other laws, statutes, codes and ordinances applicable to private parties and so as to create no interference, corrosion, harm, damage or hazard with, to or from Company's System or Company's business. All plans for such City traffic, police and fire alarm circuits must be submitted for Company's written approval prior to installation. Any modifications to Company's System necessary to accommodate such installation shall be paid by City. If, after installation, City's equipment is found to interfere with Company's System or business, Company and City shall work together to address the problem and, if deemed practical by Company, preserve City's access. Where main underground duct lines are located between manholes, Company shall permit free of charge the installation in one interior duct by City of its traffic, police or fire alarm signal cables; provided space is available in an interior duct not suitable for power circuits without interference with Company's system neutral conductors. All cables installed by City in Company ducts shall be of the non-metallic sheath type to prevent corrosive or electrolytic action between City- and Company-owned cables. A request for duct assignment shall in each instance be submitted to Company and a sketch showing duct allocation shall be received from Company prior to the installation of City cables in Company-owned duct lines. All City-owned conductors and cables, whether on poles or in duct lines, shall be constructed, maintained and operated in such manner as to not interfere with or create a hazard in the operation of Company's System or Company's business. If after installation, City's equipment is found to interfere with Company's System or business, Company and City shall work together to address the problem and, if deemed practical by Company, preserve City's access.

In addition to the consideration set forth in Section 11, Company shall permit City to use, free of charge, extra space on its street light poles to install City-owned traffic control signs and decorative banners, with prior written approval from Company, which approval shall not be unreasonably withheld, conditioned, delayed or denied and provided that such use is consistent with the NESC and other applicable engineering and operational codes and standards.

Notwithstanding any other provision in this Franchise, it is further agreed that Company shall not be responsible to any party or parties whatsoever for any claims, demands, losses, suits, judgments for damages or injuries to Persons or property by reason of the construction, maintenance, inspection or use of the traffic signal light systems, police and fire alarm systems, traffic control signs, or decorative banners belonging to City and constructed upon Company's poles or street light poles or in its ducts, and City shall indemnify and hold Company harmless against all such claims, losses, demands, suits and judgments, to the extent permitted by the Texas Constitution and Texas Tort Claims Act, but City does not, by this agreement, admit primary liability to any third party by reason of City's operation and use of such traffic signal light systems, police and fire alarm systems, traffic control signs, or decorative banners, such being a function of government.

Section 16: City may conduct an audit or other inquiry, or may pursue a cause of action in relation to the payment of the Annual Franchise Fee only if such audit, inquiry, or pursuit of a cause of action concerns a payment made less than two (2) years before commencement of such audit, inquiry, or pursuit of a cause of action. City shall bear the costs of any such audit or inquiry. All books and records related to Company's operations under this Franchise shall be available to City. Upon receipt of a written request from City, such documents shall be made available for inspection and copying no later than thirty (30) days from the receipt of such request. Amounts due to City for past underpayments or amounts due Company for past overpayments shall include interest calculated using the annual interest rates for overcharges as set by the Texas Public Utility Commission. Said interest shall be payable on such sum from the date the initial payment was due until it is paid.

Section 17: The parties agree to waive any and all claims, asserted or unasserted, arising out of prior franchise agreements including, without limitation, the Prior Franchise, except those claims relating to Company's obligations two years prior to the effective date of this Franchise.

Section 18: Nothing contained in this Franchise shall ever be construed as conferring upon Company any exclusive rights or privileges of any nature whatsoever.

Section 19: It shall be Company's obligation as provided in Section 8 hereof to furnish efficient electrical service to the public at reasonable rates and to maintain its property in good repair and working order except when prevented from so doing by forces and conditions not reasonably within the control of Company. Should Company fail or refuse to maintain its System in good order and furnish efficient service at all times throughout the life of this grant, except only when prevented from so doing by Force Majeure, or should Company fail or refuse to furnish efficient service at reasonable rates, lawfully determined by City, throughout the life of this grant, excepting only during such periods as Company shall in good faith and diligently contest the reasonableness of the rates in question, then it shall forfeit and pay to City the sum of Twenty Five Dollars ($25) for each day it shall so fail or refuse after reasonable notice thereof and a hearing thereon by City. Any suit to recover such penalty shall be filed within one year from the date the penalty accrues.

Section 20: If any term or other provision of the Franchise is determined by a nonappealable decision by a court, administrative agency, or arbitrator to be invalid, illegal, or incapable of being enforced by any rule of law or public policy, all other conditions and provisions of the Franchise shall nevertheless remain in full force and effect so long as the economic or legal substance is not affected in any manner materially adverse to either party. Upon such determination that any term or other provision is invalid, illegal, or incapable of being enforced, the parties shall negotiate in good faith to modify the Franchise so as to effect the original intent of the parties as closely as possible.

SECTION 21: ***Subject to Section 15, Company, its successors and assigns, shall protect and hold City harmless against all claims for damages or demands for damages to any Person or property by reason of the construction and maintenance of its electricity transmission and distribution System, or in any way growing out of the granting of this Franchise, either directly or indirectly, or by reason of any act, negligence, or nonfeasance of the contractors, agents or employees of Company, its successors or assigns, and shall refund***

to City all sums which it may be adjudged to pay on any such claim, or which may arise or grow out of the exercise of the rights and privileges hereby granted, or by the abuse thereof, and Company, its successors and assigns, shall indemnify and hold City harmless from and on account of all damages, costs, expenses, actions, and causes of action, to the extent permitted by the Texas Tort Claims Act, that may accrue to or be brought by any Person, Persons, company or companies at any time hereafter by reason of the exercise of the rights and privileges hereby granted, or of the abuse thereof.

Section 22: In granting this Franchise, it is understood that the lawful power vested by law in City to regulate all public utilities within City, and to regulate the local rates of public utilities within City within the limits of the Constitution and laws, and to require all persons or corporations to discharge the duties and undertakings, for the performance of which this Franchise was made, is reserved; and this grant is made subject to all lawful rights, powers and authorities, either of regulation or otherwise, reserved to City by its Charter or by the general laws of this State.

Section 23: This Franchise replaces all other former franchise agreements with Company, or its predecessors, which are hereby repealed.

Section 24: City by the granting of this Franchise does not surrender or to any extent lose, waive, impair or lessen the lawful powers and rights, now or hereafter vested in City under the Constitution and statutes of the State of Texas and under the Charter of City to regulate the rates and services of Company; and Company by its acceptance of this Franchise agrees that all such lawful regulatory powers and rights as the same may be from time to time vested in City shall be in full force and effect and subject to the exercise thereof by City at any time and from time to time.

Section 25: Within 30 days following the final passage and approval of this ordinance, the Company shall file with the City Clerk, accompanied by appropriate authorized corporate resolutions in a form acceptable to the City Attorney, a written statement in the following form signed in its name and behalf:

"To the Honorable Mayor and the City Council of the City of Baytown, Texas:

For itself, its successors and assigns, Grantee, CENTERPOINT ENERGY HOUSTON ELECTRIC, LLC, hereby accepts the attached ordinance and agrees to be bound by all of its terms, conditions and provisions."

CENTERPOINT ENERGY HOUSTON
ELECTRIC, LLC

By:_____
Name: _____

Title: _____

"Dated this the ___ day of _____, 2006."

Section 26: This Franchise, having been published as required by Section 117 of the City Charter shall take effect and be in force from and after 60 days following its final passage and approval, and receipt by the City of Company's acceptance filed pursuant to Section 25. In compliance with the provisions of Section 117 of the City Charter, the Company shall pay the cost of those publications and any costs associated with any elections held regarding this Franchise required by such City Charter provisions.

Section 27: Every notice, order, petition, document, or other direction or communication to be served upon the City or the Company shall be deemed sufficiently given if sent by registered or certified mail, return receipt requested. Every such communication to the Company shall be sent to:

Vice President, Regulatory Relations
CenterPoint Energy, Inc.
1111 Louisiana Street
Houston, Texas 77002

Unless and until changed by written notice given in accordance with this section, every such communication to the City or the City Council shall be sent to the

Mayor, City of Baytown, Texas
P. O. Box 424
Baytown, Texas 77522

and, as applicable, to the

City Manager, City of Baytown, Texas
P. O. Box 424
Baytown, Texas 77522

The mailing of such notice, direction, or order shall be equivalent to direct personal notice and shall be deemed to have been given the earlier of receipt or two business days after it was mailed.

Section 28: The rights and remedies provided herein are cumulative and not exclusive of any remedies provided by law, and nothing contained in this Franchise shall impair any of the rights of the City or the Company under applicable law, subject in each case to the terms and conditions of this Franchise.

INTRODUCED, READ AND PASSED by the affirmative vote of the City Council of the City of Baytown, this the 24th day of August, 2006.

STEPHEN H. DONCARLOS, Mayor

ATTEST:

LORRI COODY, City Clerk

APPROVED AS TO FORM:

IGNACIO RAMIREZ, SR., City Attorney

INTRODUCED, READ AND PASSED by the affirmative vote of the City Council of the City of Baytown, this the 14th day of September, 2006.

STEPHEN H. DONCARLOS, Mayor

CITY OF BAYTOWN, TEXAS

ATTEST:

LORRI COODY, City Clerk

APPROVED AS TO FORM:

IGNACIO RAMIREZ, SR., City Attorney

INTRODUCED, READ AND PASSED by the affirmative vote of the City Council of the City of Baytown, this the 28th day of September, 2006.

STEPHEN H. DONCARLOS, Mayor

CITY OF BAYTOWN, TEXAS
ATTEST:

LORRI COODY, City Clerk

APPROVED AS TO FORM:

IGNACIO RAMIREZ, SR., City Attorney

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ATTACHMENT 3

Cost Estimates for Proposed Alternative Routes

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ATTACHMENT 3

COST ESTIMATES FOR PROPOSED ALTERNATIVE ROUTES

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ATTACHMENT 4

"New 138 kV Kilgore Substation" Study

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New 138 kV Kilgore Substation

July, 2021

Prepared by:
CenterPoint Energy Houston Electric, LLC
Transmission Planning Division

1. Table of Contents

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Executive Summary

CenterPoint Energy Houston Electric, LLC (CenterPoint Energy or CNP) is proposing a new 138 kV transmission line that is needed to deliver electric power to the new 138/35 kV Kilgore substation in the Jordan/Trinity Bay/Mont Belvieu area. This project includes the following:

- Double tap new CenterPoint Energy Kilgore substation on 138 kV circuits: EAGLE to WINFRE ckt 52 and LNGSTN to Mont Belvieu ckt 86.
  - Construction of a new CenterPoint Energy 138/35 kV Kilgore substation
  - Connection of a Kilgore substation by tapping into ckt 52 between EAGLE to WINFRE and ckt 86 between LNGSTN and Mont Belvieu, with construction of approximately 3.3 miles of new double circuit line.

This project is the most cost-effective solution to reliably serve the projected load demand and to support existing customers in the area, which is currently served by the existing Mont Belvieu, Jordan, and Trinity Bay substations. This project also provides capacity for future area load growth, including a configuration that meets CenterPoint Energy Transmission System Design Criteria.

The estimated cost of the proposed project is approximately $29.43 M. This project is considered a "Neutral Project" by the Electric Reliability Council of Texas, Inc ("ERCOT"), per ERCOT Protocols Section 3.11.4.3(1)(f), as it is a project to connect new load and will not create a new transmission circuit connection between two stations. The project will therefore follow the same process as ERCOT Tier 4 projects and does not require submittal to the Regional Planning Group (RPG) for review. The project requires a Certificate of Convenience and Necessity (CCN), from the Public Utility Commission of Texas (PUCT), as it involves the construction of more than a mile-long double circuit line to connect the proposed new Kilgore substation. The project is expected to be completed before peak 2025, taking into consideration typical lead times necessary to implement the proposed project, including PUCT CCN process review and approval, materials and construction lead times.

2. Background

The Jordan/Trinity Bay/Mont Belvieu service area located in the far Northeastern part of CenterPoint Energy's service territory and is a highly industrialized area with several large chemical facilities served by the CenterPoint Energy transmission system. In addition to the transmission level industrial load growth, the area is also experiencing a significant distribution load increase with multiple commercial and residential developments planned in the area. To serve this distribution load growth and to support existing customers in the area, CenterPoint Energy is proposing a new 138/35 kV substation to be connected/looped with a new 138 kV transmission line (longer than 1 mi) to the 138 kV transmission system in the Grand Parkway (HWY 99) and FM565 area.

The area under study shown in Figure 2-1 is currently being served mainly by 138/35 kV Jordan substation, 138/12 kV Mont Belvieu substation, and dual voltage 138/35 kV and 138/12 kV Trinity Bay substation.

Over the last five years (2016-2020), the three substations have experienced a 15% combined load growth, as shown in Table 2-1. During this period, it was observed that there has been a transfer of approximately 30 MW of load from Mont Belvieu (138/12 kV) substation to Jordan (138/35 kV) substation.

Table 2-1: Historical Combined Load (Jordan/Trinity Bay/Mont Belvieu) 2016 -2020

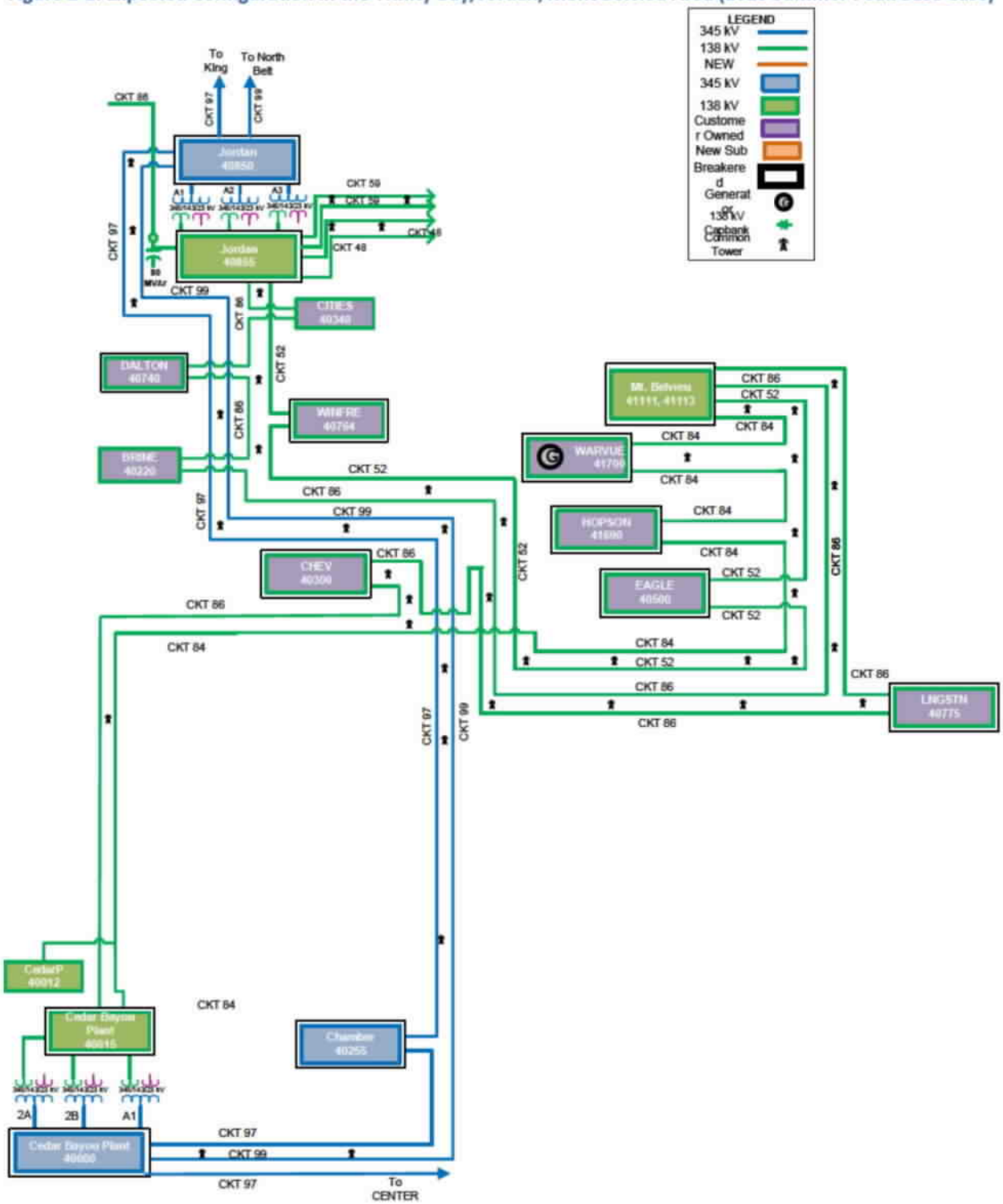
	Substation Load (MW)				
Substation Name	2016	2017	2018	2019	2020
JORDAN	7.85	9.87	20.31	30.70	45.10
MONT_BELVIEU	71.61	68.67	61.00	58.19	40.98
TRINITY BAY 12KV	23.80	26.07	31.89	0.00	30.75
TRINITY BAY 35KV	11.24	14.56	14.00	51.68	14.80
Total (MW)	114.50	119.18	127.20	140.57	131.62

With the large industrial, commercial, and residential developments planned in the area, the distribution load in this area that is currently served from the three existing substations is forecast to grow by 50 MW between 2021 and 2030, with a combined load increase of 26% between 2021 and 2025, as shown in Table 2-2. Further development is expected in the area following the completion of highway extensions for Grand Parkway and FM 1409. Locating a new substation closer to the load center will increase circuit capacity to better serve existing distribution customers and new distribution load growth in this fast-growing area. In addition, the new substation will also help to reduce distribution overhead feeder exposure, circuit customer counts, and average feeder loading, which will improve circuit reliability in the area. This report summarizes the analysis to identify reliable and cost-effective alternatives for providing loop or tap service to a new nearby 138/35 kV substation, which will relieve the capacity limitations of the existing substations anticipated by 2025 that will be caused by the high growth in the area.

Table 2-2: Forecast Combined Load (Jordan/Trinity Bay/Mont Belvieu) 2021-2030

	Substation Load (MW)									
Substation Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Jordan	78.62	83.47	87.73	91.37	91.01	90.66	90.31	89.95	89.61	89.26
Mont Belvieu	29.89	33	35.82	38.67	38.91	39.14	39.38	39.62	39.87	40.11
Trinity Bay 12 kV	35.37	40.8	45.9	50.27	50.58	50.89	51.2	51.51	51.83	52.14
Trinity Bay 35 kV	41.02	44.51	48.02	51.55	51.86	52.18	52.5	52.82	53.14	53.47
Total (MW)	184.9	201.78	217.47	231.86	232.36	232.87	233.39	233.9	234.45	234.98

Figure 2-1: Expected Configuration in the Trinity Bay/Jordan/Mont Belvieu Area (2025 Summer Peak Base Case)



3. Study Cases

The following study is based on the load forecast, generation pattern, and network topology projected for the 2025 and 2026 summer peak conditions contained in ERCOT Steady State Working Group (SSWG) base cases posted on October 15, 2020. Load at Jordan and Trinity Bay substations have been reduced and transferred to the new substation by the amounts shown in Table 3-1. Mont Belvieu load was updated based on projected load as shown in Table 2-2. The final future load distribution for year 2025 is shown in Table 3-2.

Table 3-1: Load Forecast

Year 2025 Load Transferred to New Kilgore Substation Grand Parkway (HWY 99) - FM 565 Area			
Jordan		Trinity Bay	
CKT	MVA	CKT	MVA
JOR41	10.5	TRN41	14.8
JOR44	13.6	TRN42	6
TOTAL	24.1	TOTAL	20.8
TOTAL NEW KILGORE SUBSTATION LOAD (MW)			44.9

Table 3-2: Future Year 2025 Load Modeled per Substation

	2025 Substation Load	
	Existing Load	New Load
Jordan	91.01	66.91
Mont Belvieu	38.91	38.91
Trinity Bay 12 kV	50.58	50.58
Trinity Bay 35 kV	51.86	31.06
Kilgore 35 kV	0	44.9
Total (MW)	232.36	232.36

The following CenterPoint Energy internal cases were used for performing the study.

- CNP_2025_SUM1_U1_10082020_20201210.sav
- CNP_2026_SUM1_U1_10082020_20201210.sav
- CNP_2024_MIN_U1_10082020_20201210.sav

The 2024 MIN case was used as it is the only minimum load case provided by ERCOT, CNP is not expecting any difference in system performance for year 2025 under minimum load conditions. Changes made to the ERCOT 2020 SSWG base cases to create CenterPoint Energy's internal cases are listed in Appendix A.

4. Transmission Options

CenterPoint Energy evaluated four interconnection options to connect the new Transmission/Distribution substation. All options require a CCN from the PUCT. The detailed options are as follows:

- Option 1: Loop the new Kilgore 138/35 kV substation via an approximately 2.6-mi long 138 kV double circuit line on ckt 86 between CHEV and LNGSTN. The one line-diagram for Option 1 configuration is shown in Figure 4-1.

- Option 2: Double-tap the new Kilgore 138/35 kV substation via an approximately 3 mi long 138 kV double circuit line to ckt 52 EAGLE - WINFRE and ckt 86 LNGSTN to Mont Belvieu. The one line-diagram for Option 2 configuration is shown in Figure 4-2.

- Option 3: Loop the new Kilgore 138/35 kV substation via an approximately 3.4-mi long 138 kV double circuit line on ckt 84 between Cedar Bayou Plant and HOPSON. The one line-diagram for Option 3 configuration is shown in Figure 4-3.

- Option 4: Loop the new Kilgore 138/35 kV substation via an approximately 7.8-mi long 138 kV double circuit line on ckt 03 between Cedar Bayou Plant and Trinity Bay. The one line-diagram for Option 4 configuration is shown in Figure 4-4.

As the final route is not known, no interconnection option has been selected, and the substation site is not known at the time of the study, CenterPoint Energy included an additional 30% to the straight-line point-to-point distances discussed above to account for variations in routes.

Figure 4-1: Option 1 – Loop Kilgore Substation on Chevron to Langston ckt 86

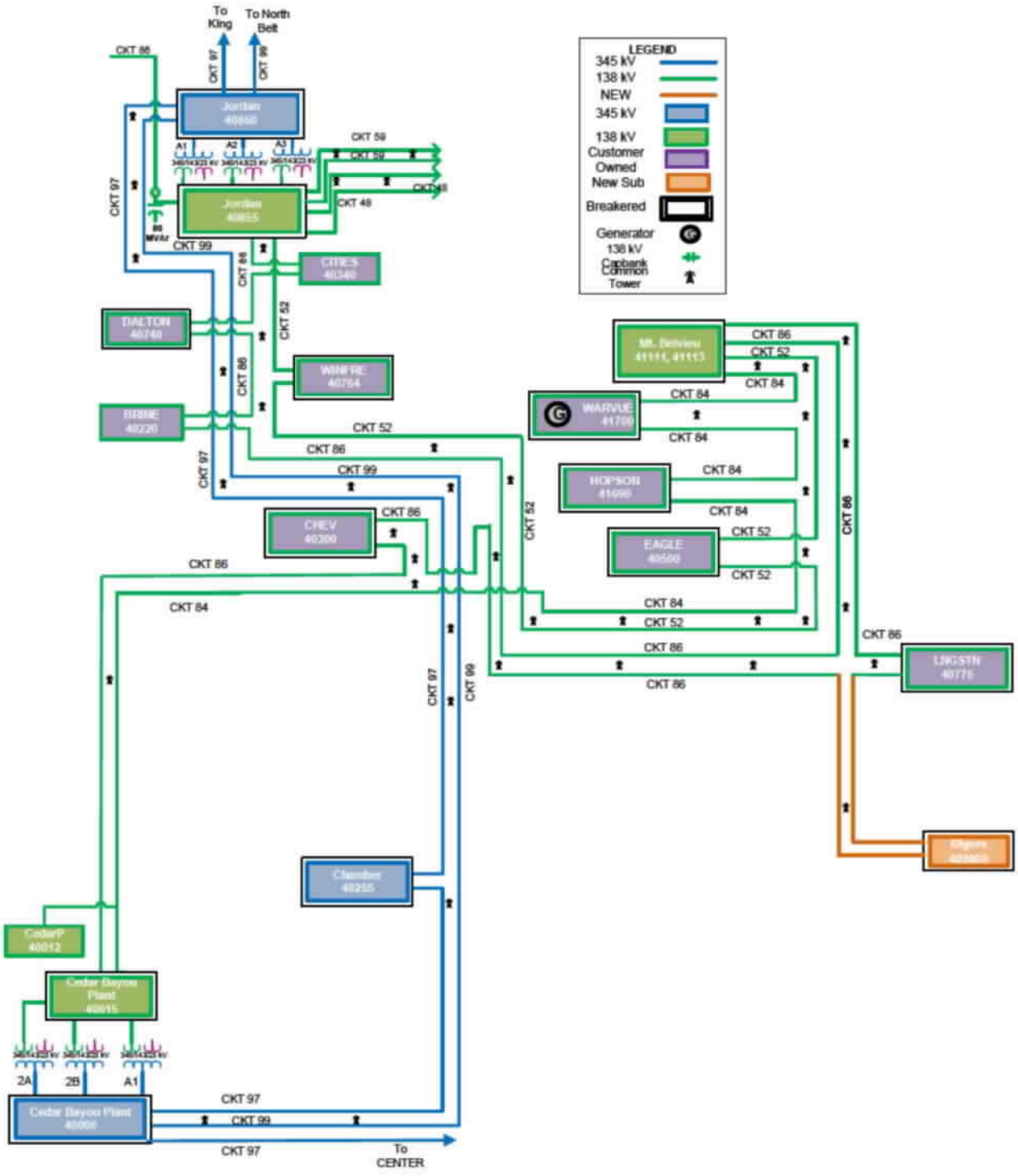


Figure 4-2: Option 2 – Double Tap Kilgore on ckt 52 EAGLE to WINFRE and on ckt 86 LNGSTN to Mont Belvieu

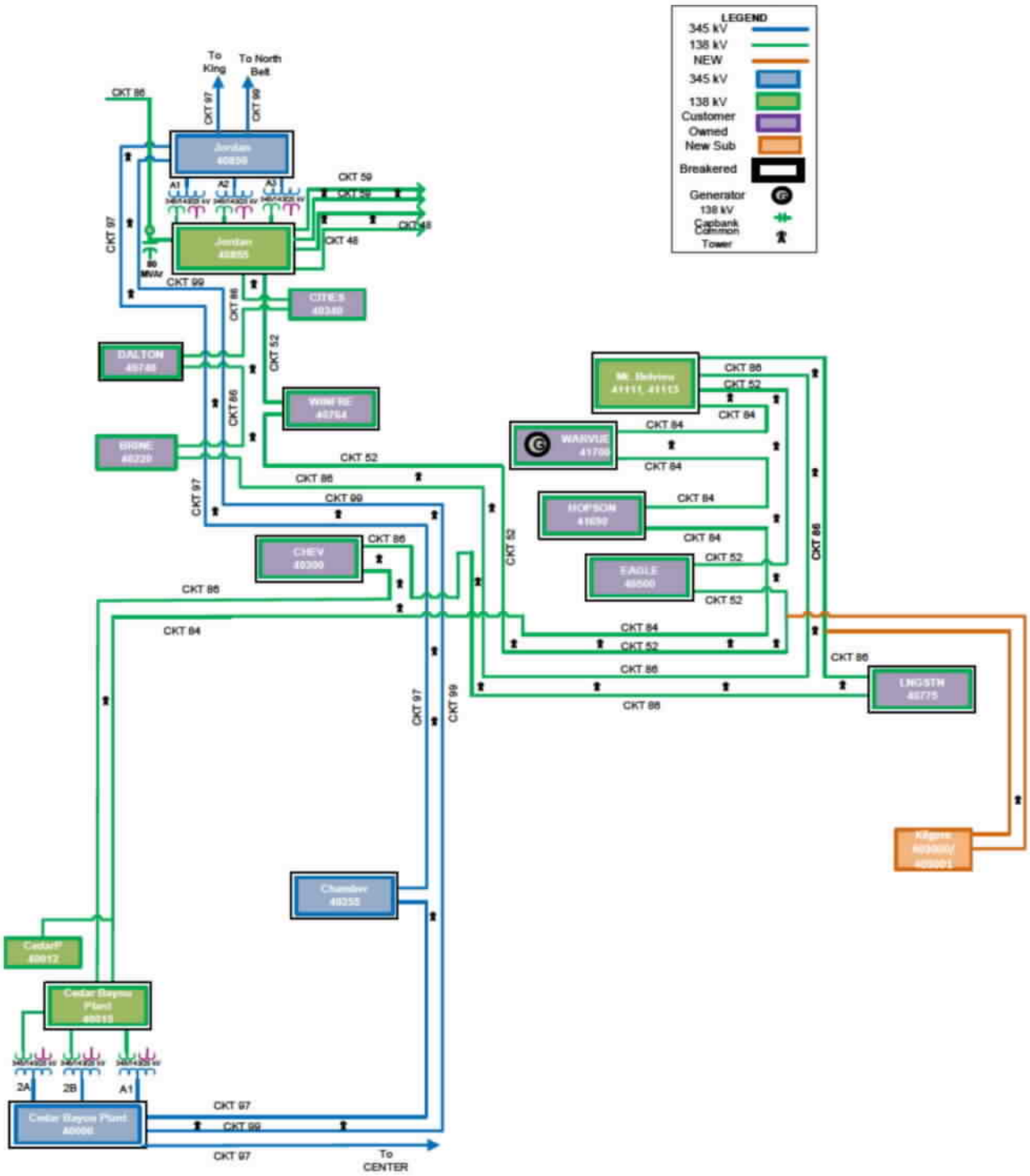


Figure 4-3: Option 3 – Kilgore looped on 138 kV ckt 84 Cedar Bayou Plant to HOPSON

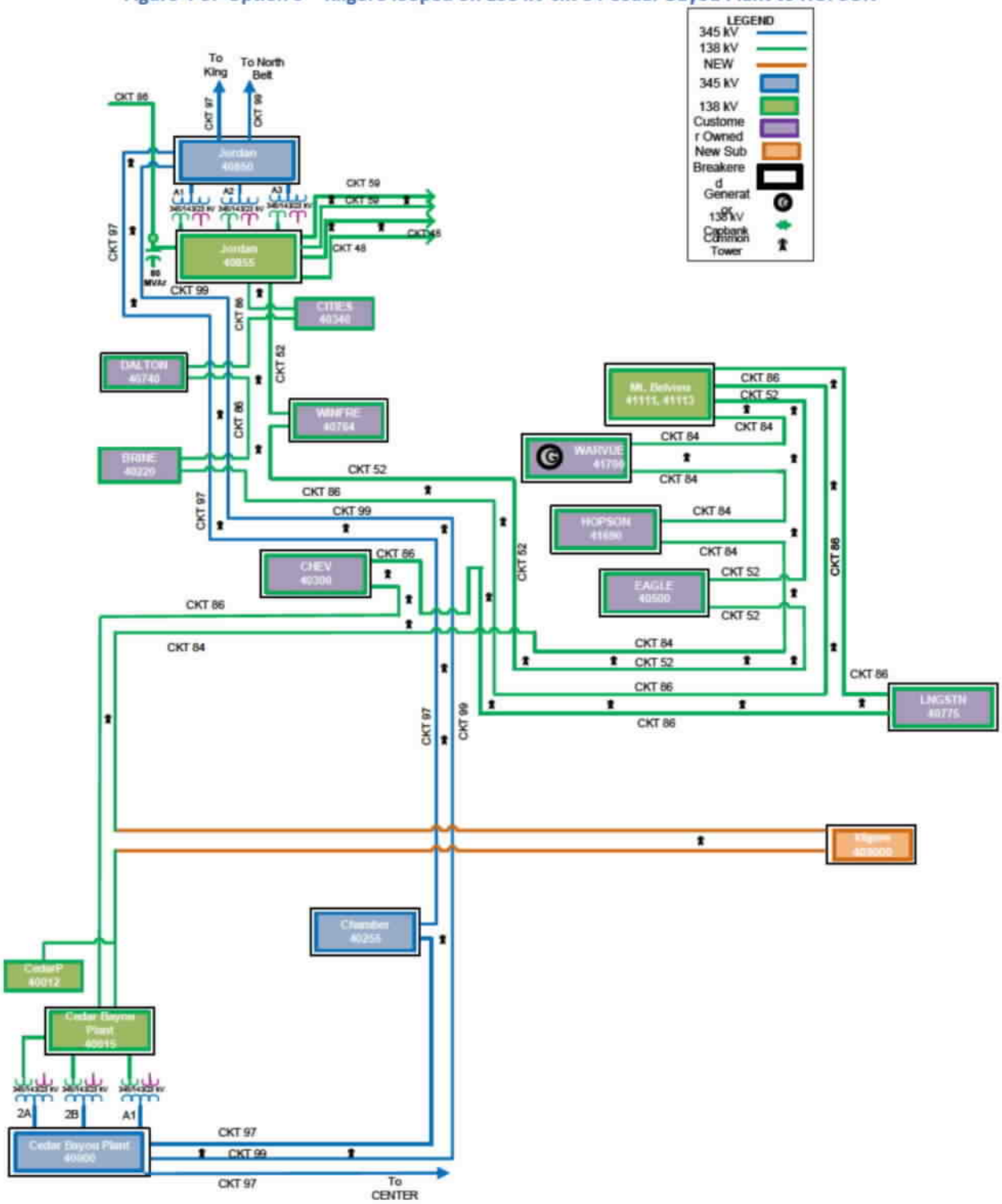
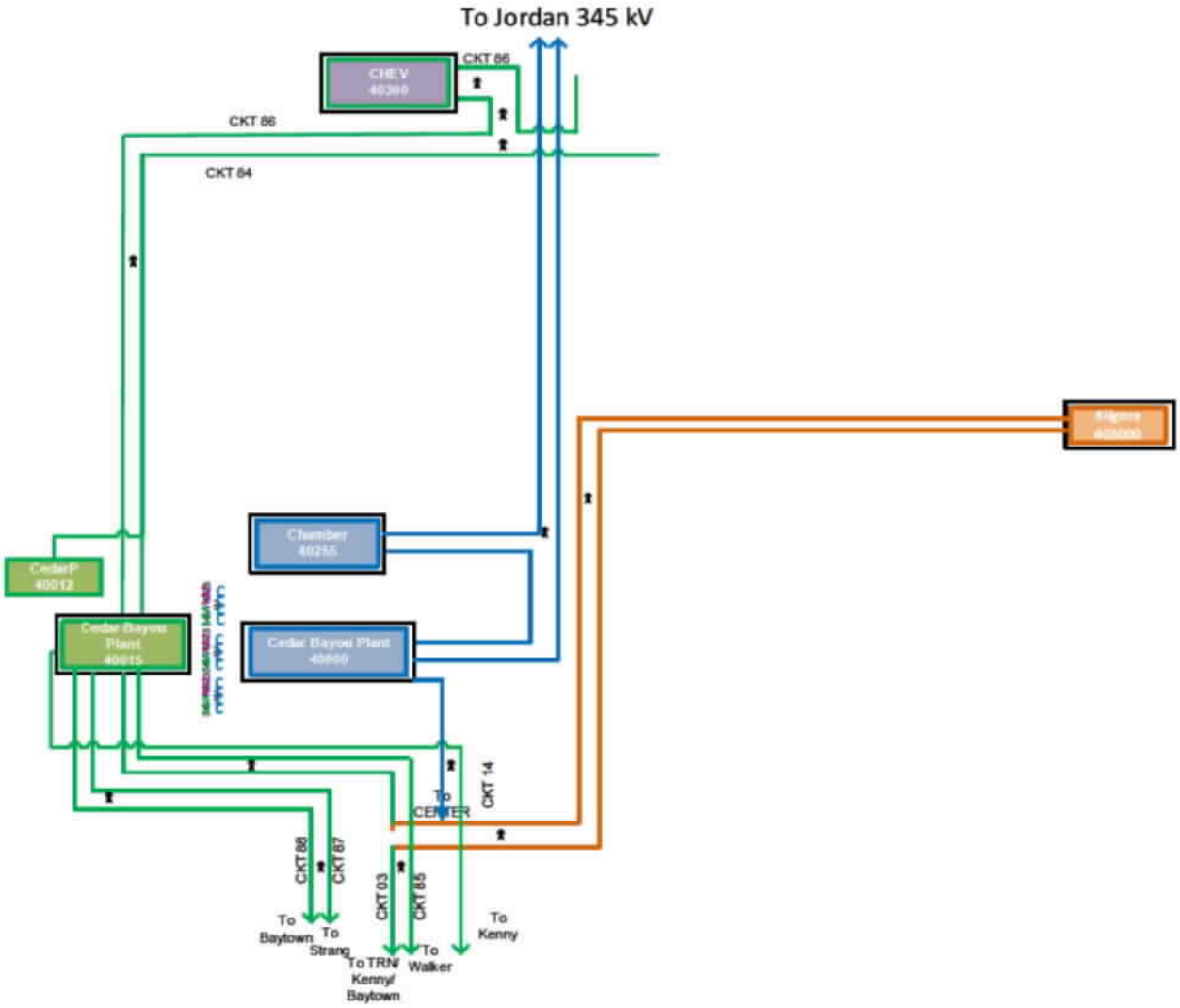


Figure 4-4: Option 4 – Kilgore Substation looped on 138 kV ckt 03 Cedar Bayou Plant to Trinity Bay-Baytown



5. Steady-State Power Flow Analysis

CenterPoint Energy performed steady-state power flow analysis using the internal cases described above. Designs were tested against the applicable North American Electric Reliability Corporation (NERC) Reliability Standard TPL- 001- 4, ERCOT Transmission Planning Criteria, and CenterPoint Energy Transmission System Design Criteria. CenterPoint Energy has developed planning events based on this reliability standard and performance criteria. The CenterPoint Energy Planning Events are defined as follows:

- CNP Planning Event P0 (no contingency) which is equivalent to NERC Category P0.

- CNP Planning Event P1 (consists of normal initial conditions followed by loss of one transmission element (generator, transmission circuit, transformer, or shunt device)) which is equivalent to NERC Category P1.

- CNP Planning Event P2 (consists of normal initial conditions followed by outage of two or more circuits due to failure of a breaker to operate under fault conditions or due to a bus section fault) which is equivalent to NERC Category P2.

- CNP Planning Event P3 (consists of normal initial conditions followed by loss of a generator and an additional outage of any of the following: (single circuit, single (A-1) autotransformer outage, or a single (G-1) generator outage)) which is equivalent to NERC Category P3, but also includes ERCOT-specific Reliability Performance Criteria Event 2 (consists of any single generating unit unavailable, followed by manual system adjustment, followed by a common tower outage, which includes outage of two circuits sharing a common tower for more than half a mile).

- NERC Category P4 Events are equivalent to NERC Category P2 Events for CenterPoint Energy's system; therefore, no specific P4 events are included in CenterPoint Energy's analysis.

- CNP Planning Event P5 (consists of normal initial conditions followed by delayed fault clearing due to the failure of a non-redundant relay protecting the faulted element to operate as designed, for one of the following: (generator, transmission circuit, transformer, shunt device, or bus section)) which is equivalent to NERC Category P5.

- CNP Planning Event P6 (consists of the outage of a 345/138 kV autotransformer (A-1) followed by an outage of any of the following: single circuit, single (A-1) autotransformer, or a single (G-1) generator) which is equivalent to NERC Category P6-2, but also includes ERCOT-specific Reliability Performance Criteria Event 3 (consist of unavailability of a 345/138 kV transformer, followed by manual system adjustments, followed by the common tower outage for circuits sharing a common tower for more than half a mile).

- CNP Planning Event P7 (consists of normal initial conditions followed by the outage of circuits sharing a common tower for more than a mile) which is equivalent to NERC Category P7, but also includes ERCOT–specific Reliability Performance Criteria Event 1 (consist of the outage of circuits sharing a common tower for more than half a mile).

- CNP Maintenance Outage Scenario (consists of planned outage of either a 345/138 kV autotransformer, a 138 kV circuit, or a 345 kV circuit in the Mont Belvieu area followed by the outage of a 138 or a 345 kV circuit, or circuits sharing a common tower for more than half a mile or a stuck-breaker contingency on any of the Mont Belvieu buses).

Studies were conducted in accordance with CenterPoint Energy Transmission System Design Criteria, which includes monitoring Rate A (normal rating) for CNP Planning Events P0 and P1 and

Rate B (emergency rating) for CNP Planning Events P2 through P7. Bus voltages should remain within the 0.95 p.u. to 1.05 p.u. range for CNP Planning Events P0 and P1 and the 0.92 p.u. to 1.05 p.u. range for CNP Planning Events P2 through P7.

5.1 AC Contingency Analysis - Results

CenterPoint Energy performed contingency analysis to evaluate the impact of transferring the load to the new Kilgore substation for all the four interconnection options for years 2025 and 2026. A summary of the results for the summer peak cases of 2025 and 2026 are shown in the following sections. Results for the minimum case show no thermal violations or voltages concerns. Only thermal loading in the area higher than 95% of the corresponding rating and flows on transmission circuits out of Kilgore substation are shown in the tables. The complete sets of results for all three cases and the four interconnection options are included in Appendix A.

5.1.1 CNP Planning Event P0

Under normal operating conditions, there were no base case thermal loading or voltage concerns identified for the CenterPoint Energy transmission system for any of the different options.

5.1.2 CNP Planning Event P1

Under the CNP Planning Event P1, thermal loading concern for Option 4 was identified as shown below in Table 5-1 and Table 5-2. No voltage concerns were identified under CNP Planning Event P1.

Table 5-1: Summer Peak Year 2025 - Thermal Loading Results under CNP Planning Event P1

Branch Loading	Rating (MVA)	Contingency	CNP_2025_SP_ BaseCase	CNP_2025_SP_ Option1	CNP_2025_SP_ Option2	CNP_2025_SP_ Option3	CNP_2025_SP_ Option4
41111 - 403000 <CKT 86> MT_BEL__B138 TO KILGOR_1	Rate A: 440	SINGLE 40015-40300(86): 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	BNV	38.6 % (0x)	BNV	BNV
40775 - 403000 <CKT 86> LNGSTN_X86B8 TO KILGOR_1	Rate A: 440	SINGLE 40015-40300(86): 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	BNV	33.2 % (0x)	BNV	BNV
		SINGLE 40015-41690(&1): 40015 - 41690 <CKT &1> CEDARP_B138B TO HOPSON_X84B8	BNV	BNV	35.2 % (0x)	BNV CNV	BNV
40775 - 403000 <CKT 86> LNGSTN_X86B8 TO KILGOR	Rate A: 440	SINGLE 40015-40300(86): 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	41.7 % (0x)	BNV	BNV	BNV
40300 - 403000 <CKT 86> CHEV___X86B8 TO KILGOR	Rate A: 440	SINGLE 40015-40300(86): 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	31.6 % (0x)	BNV	BNV	BNV
41690 - 403000 <CKT 84> HOPSON_X84B8 TO KILGOR	Rate A: 838	SINGLE 40015-40300(86): 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	BNV	BNV	22.3 % (0x)	BNV
		SINGLE 41111-41700(84): 41111 - 41700 <CKT 84> MT_BEL__B138 TO WARVUE_POI_8	BNV	BNV	BNV	18.9 % (0x)	BNV
40012 - 403000 <CKT 84> CEDAR_84T2_8 TO KILGOR	Rate A: 838	SINGLE 40015-40300(86): 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	BNV	BNV	27.4 % (0x)	BNV
		SINGLE 41111-41700(84): 41111 - 41700 <CKT 84> MT_BEL__B138 TO WARVUE_POI_8	BNV	BNV	BNV	24.2 % (0x)	BNV
41610 - 403000 <CKT 03> TRINTY_S03_8 TO KILGOR	Rate A: 360	SINGLE 40010-40430(&1): 40010 - 40430 <CKT &1> CEDARP_B138A TO DECKER_X83B8	BNV	BNV	BNV	BNV	43.2 % (0x)
40010 - 403000 <CKT 03> CEDARP_B138A TO KILGOR	Rate A: 360	SINGLE 40010-40430(&1): 40010 - 40430 <CKT &1> CEDARP_B138A TO DECKER_X83B8	BNV	BNV	BNV	BNV	55.2 % (0x)
40764 - 403001 <CKT 52> WINFRE_X52B8 TO KILGOR_34	Rate A: 360	SINGLE 40740-40855(&1): 40740 - 40855 <CKT &1> DALTON_X86B8 TO JORDAN__B138	BNV	BNV	13.2 % (0x)	BNV	BNV
		SINGLE 40764-40855(&1): 40764 - 40855 <CKT &1> WINFRE_X52B8 TO JORDAN__B138	BNV	BNV	47.7 % (0x)	BNV	BNV
40500 - 403001 <CKT 52> EAGLE__X52B8 TO KILGOR_34	Rate A: 360	SINGLE 40740-40855(&1): 40740 - 40855 <CKT &1> DALTON_X86B8 TO JORDAN__B138	BNV	BNV	10.5 % (0x)	BNV	BNV
		SINGLE 40764-40855(&1): 40764 - 40855 <CKT &1> WINFRE_X52B8 TO JORDAN__B138	BNV	BNV	53.2 % (0x)	BNV	BNV
40430 - 40439 <CKT 83> DECKER_X83B8 TO DKRCM01_83_8	Rate A: 384	SINGLE 40010-41500(87): 40010 - 41500 <CKT 87> CEDARP_B138A TO STRANG_X87B8	90.3 % (0x)	91.1 % (0x)	91.2 % (0x)	90.9 % (0x)	101.7 % (1x)

*CNV: Contingency not valid, BNV: Branch not valid

Table 5-2: Summer Peak Year 2026 - Thermal Loading Results under CNP Planning Event P1

Branch Loading	Rating (MVA)	Contingency	CNP_2026_SP_ BaseCase	CNP_2026_SP_ Option1	CNP_2026_SP_ Option2	CNP_2026_SP_ Option3	CNP_2026_SP_ Option4
41111 - 403000 <CKT 86> MT_BEL__B138 TO KILGOR_1	Rate A: 440	SINGLE 40015-40300(86): 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	BNV	38.6 % (Ox)	BNV	BNV
40775 - 403000 <CKT 86> LNGSTN_X86B8 TO KILGOR_1	Rate A: 440	SINGLE 40015-40300(86): 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	BNV	33.2 % (Ox)	BNV	BNV
		SINGLE 40015-41690(&1): 40015 - 41690 <CKT &1> CEDARP_B138B TO HOPSON_X84B8	BNV	BNV	35.1 % (Ox)	BNV CNV	BNV
40775 - 403000 <CKT 86> LNGSTN_X86B8 TO KILGOR	Rate A: 440	SINGLE 40015-40300(86): 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	41.7 % (Ox)	BNV	BNV	BNV
40300 - 403000 <CKT 86> CHEV___X86B8 TO KILGOR	Rate A: 440	SINGLE 40015-40300(86): 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	31.6 % (Ox)	BNV	BNV	BNV
41690 - 403000 <CKT 84> HOPSON_X84B8 TO KILGOR	Rate A: 838	SINGLE 40015-40300(86): 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	BNV	BNV	22.2 % (Ox)	BNV
		SINGLE 41111-41700(84): 41111 - 41700 <CKT 84> MT_BEL__B138 TO WARVUE_POI_8	BNV	BNV	BNV	18.8 % (Ox)	BNV
40012 - 403000 <CKT 84> CEDAR_84T2_8 TO KILGOR	Rate A: 838	SINGLE 40015-40300(86): 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	BNV	BNV	27.4 % (Ox)	BNV
		SINGLE 41111-41700(84): 41111 - 41700 <CKT 84> MT_BEL__B138 TO WARVUE_POI_8	BNV	BNV	BNV	24.2 % (Ox)	BNV
41610 - 403000 <CKT 03> TRINTY_S03_8 TO KILGOR	Rate A: 360	SINGLE 40010-40430(&1): 40010 - 40430 <CKT &1> CEDARP_B138A TO DECKER_X83B8	BNV	BNV	BNV	BNV	43.3 % (Ox)
40010 - 403000 <CKT 03> CEDARP_B138A TO KILGOR	Rate A: 360	SINGLE 40010-40430(&1): 40010 - 40430 <CKT &1> CEDARP_B138A TO DECKER_X83B8	BNV	BNV	BNV	BNV	55.3 % (Ox)
40764 - 403001 <CKT 52> WINFRE_X52B8 TO KILGOR_34	Rate A: 360	SINGLE 40740-40855(&1): 40740 - 40855 <CKT &1> DALTON_X86B8 TO JORDAN__B138	BNV	BNV	13.3 % (Ox)	BNV	BNV
		SINGLE 40764-40855(&1): 40764 - 40855 <CKT &1> WINFRE_X52B8 TO JORDAN__B138	BNV	BNV	47.7 % (Ox)	BNV	BNV
40500 - 403001 <CKT 52> EAGLE__X52B8 TO KILGOR_34	Rate A: 360	SINGLE 40740-40855(&1): 40740 - 40855 <CKT &1> DALTON_X86B8 TO JORDAN__B138	BNV	BNV	10.5 % (Ox)	BNV	BNV
		SINGLE 40764-40855(&1): 40764 - 40855 <CKT &1> WINFRE_X52B8 TO JORDAN__B138	BNV	BNV	53.2 % (Ox)	BNV	BNV
40430 - 40439 <CKT 83> DECKER_X83B8 TO DKRCM01_83_8	Rate A: 384	SINGLE 40010-41500(87): 40010 - 41500 <CKT 87> CEDARP_B138A TO STRANG_X87B8	90.4 % (Ox)	91.2 % (Ox)	91.3 % (Ox)	91.0 % (Ox)	101.9 % (1x)

*CNV: Contingency not valid, BNV: Branch not valid

5.1.3 CNP Planning Event P2

Under the CNP Planning Event P2, there were no thermal loading or voltage concerns were identified for the CenterPoint Energy transmission system as shown below in Table 5-3 and Table 5-4.

Table 5-3: Summer Peak Year 2025 - Thermal Loading Results under CNP Planning Event P2

Branch Loading	Rating (MVA)	Contingency	CNP_2025_SP _BaseCase	CNP_2025_SP _Option1	CNP_2025_SP _Option2	CNP_2025_SP _Option3	CNP_2025_SP _Option4
41111 - 403000 <CKT 86> MT_BEL__B138 TO KILGOR_1	Rate B: 525	P2-3_CBY-E670: 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8 & 40015 - 41690 <CKT &1> CEDARP_B138B TO HOPSON_X84B8	BNV	BNV	32.6 % (Dx)	BNV CNV	BNV
40775 - 403000 <CKT 86> LNGSTN_X86B8 TO KILGOR_1	Rate B: 525	P2-3_CBY-E660: 40015 - 41690 <CKT &1> CEDARP_B138B TO HOPSON_X84B8 & 40005 - 40020 <2A> CEDARPB AUTOTRANSFORMER 2A & 40005 - 40020 <2B> CEDARPB AUTOTRANSFORMER 2B	BNV	BNV	28.7 % (Dx)	BNV CNV	BNV
		P2-3_CBY-E670: 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8 & 40015 - 41690 <CKT &1> CEDARP_B138B TO HOPSON_X84B8	BNV	BNV	28.0 % (Dx)	BNV CNV	BNV
40775 - 403000 <CKT 86> LNGSTN_X86B8 TO KILGOR	Rate B: 525	P2-3_CBY-E670: 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8 & 40015 - 41690 <CKT &1> CEDARP_B138B TO HOPSON_X84B8	BNV	BNV	35.2 % (Dx)	BNV CNV	BNV
40300 - 403000 <CKT 86> CHEV___X86B8 TO KILGOR	Rate B: 525	P2-3_CBY-E670: 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8 & 40015 - 41690 <CKT &1> CEDARP_B138B TO HOPSON_X84B8	BNV	BNV	26.7 % (Dx)	BNV CNV	BNV
41690 - 403000 <CKT 84> HOPSON_X84B8 TO KILGOR	Rate B: 893	P2-3_CBY-E66DX: 40000 - 40015 <A3> CEDARPB AUTOTRANSFORMER A3 & 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	BNV	BNV	19.0 % (Dx)	BNV
		P2-3_MB-M16DX_OPT2: 41111 - 41700 <CKT 84> MT_BEL__B138 TO WARVUE_POI_8 & 40500 - 41111 <CKT 52> EAGLE__X52B8 TO MT_BEL__B138	BNV	BNV	BNV	17.8 % (Dx)	BNV
40012 - 403000 <CKT 84> CEDAR_84T2_8 TO KILGOR	Rate B: 893	P2-3_CBY-E66DX: 40000 - 40015 <A3> CEDARPB AUTOTRANSFORMER A3 & 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8	BNV	BNV	BNV	23.8 % (Dx)	BNV
		P2-3_MB-M16DX_OPT2: 41111 - 41700 <CKT 84> MT_BEL__B138 TO WARVUE_POI_8 & 40500 - 41111 <CKT 52> EAGLE__X52B8 TO MT_BEL__B138	BNV	BNV	BNV	22.7 % (Dx)	BNV
41610 - 403000 <CKT 03> TRINTY_S03_8 TO KILGOR	Rate B: 440	P2-3_CBY-E37DX: 40010 - 40430 <CKT &1> CEDARP_B138A TO DECKER_X83B8 & 40000 - 40010 <A1> CEDARPB AUTOTRANSFORMER A1	BNV	BNV	BNV	BNV	40.6 % (Dx)
40010 - 403000 <CKT 03> CEDARP_B138A TO KILGOR	Rate B: 440	P2-3_CBY-E630X: 40000 - 40015 <A3> CEDARPB AUTOTRANSFORMER A3 & 40015 - 40870 <CKT 14> CEDARP_B138B TO KENNY__X14R8	BNV	BNV	BNV	BNV	35.1 % (Dx)
		P2-3_CBY-E370X: 40010 - 40430 <CKT &1> CEDARP_B138A TO DECKER_X83B8 & 40000 - 40010 <A1> CEDARPB AUTOTRANSFORMER A1	BNV	BNV	BNV	BNV	50.4 % (Dx)
40754 - 403001 <CKT 52> WINFRE_X52B8 TO KILGOR_34	Rate B: 440	P2-3_JOR-Y470X: 40740 - 40855 <CKT &1> DALTON_X86B8 TO JORDAN__B138 & 40510 - 40855 <CKT 48> ENPROD_X48B8 TO JORDAN__B138	BNV	BNV	10.8 % (Dx)	BNV	BNV
		P2-3_CBY-E670: 40015 - 40300 <CKT 86> CEDARP_B138B TO CHEV___X86B8 & 40015 - 41690 <CKT &1> CEDARP_B138B TO HOPSON_X84B8	BNV	BNV	47.3 % (Dx)	BNV CNV	BNV
40500 - 403001 <CKT 52> EAGLE__X52B8 TO KILGOR_34	Rate B: 440	P2-3_JOR-Y470X: 40740 - 40855 <CKT &1> DALTON_X86B8 TO JORDAN__B138 & 40510 - 40855 <CKT 48> ENPROD_X48B8 TO JORDAN__B138	BNV	BNV	8.6 % (Dx)	BNV	BNV
		P2-3_JOR-Y500: 40850 - 40855 <A3> JORDAN AUTOTRANSFORMER A3 & 40754 - 40855 <CKT &1> WINFRE_X52B8 TO JORDAN__B138	BNV	BNV	43.7 % (Dx)	BNV	BNV
40430 - 40439 <CKT 83> DECKER_X83B8 TO DKRCM01_83_8	Rate B: 498	P2-3_CBY-E550_OPT4B: 40010 - 41500 <CKT 87> CEDARP_B138A TO STRANG_X87B8 & 40010 - 40300 <CKT 03> CEDARP_B138A TO KILGOR	CNV	CNV	CNV	CNV	95.3 % (Dx)

*CNV: Contingency not valid, BNV: Branch not valid

Table 5-4: Summer Peak Year 2026 - Thermal Loading Results under CNP Planning Event P2

Branch Loading	Rating (MVA)	Contingency	CNP_2026_SP _BaseCase	CNP_2026_SP _Option1	CNP_2026_SP _Option2	CNP_2026_SP _Option3	CNP_2026_SP _Option4
[illegible]	Rate B: 526	[illegible]	BNV	BNV	32.5 % (0x)	BNV CNV	BNV
[illegible]	Rate B: 526	[illegible]	BNV	BNV	28.5 % (0x)	BNV CNV	BNV
		[illegible]	BNV	BNV	38.0 % (0x)	BNV CNV	BNV
[illegible] TO KILGORE	Rate B: 505	[illegible]	BNV	56.2 % (0x)	BNV	BNV CNV	BNV
[illegible]	Rate B: 505	[illegible]	BNV	96.7 % (0x)	BNV	BNV CNV	BNV
[illegible]	Rate B: 795	[illegible]	BNV	BNV	BNV	10.0 % (0x)	BNV
		[illegible]	BNV	BNV	BNV	17.8 % (0x)	BNV
[illegible]	Rate B: 805	[illegible]	BNV	BNV	BNV	96.0 % (0x)	BNV
		[illegible]	BNV	BNV	BNV	92.7 % (0x)	BNV
[illegible]	Rate B: 710	[illegible]	BNV	BNV	BNV	BNV	70.8 % (0x)
[illegible]	Rate B: 440	[illegible]	BNV	BNV	BNV	BNV	55.0 % (0x)
		[illegible]	BNV	BNV	BNV	BNV	50.4 % (0x)
[illegible]	Rate B: 710	[illegible]	BNV	BNV	10.9 % (0x)	BNV	BNV
		[illegible]	BNV	BNV	[illegible] % (0x)	BNV CNV	BNV
[illegible]	Rate B: 710	[illegible]	BNV	BNV	0.6 % (0x)	BNV	BNV
		[illegible]	BNV	BNV	[illegible] % (0x)	BNV	BNV
[illegible]	Rate B: 400	[illegible]	CNV	CNV	CNV	CNV	[illegible] % (0x)

*CNV: Contingency not valid, BNV: Branch not valid

5.1.4 CNP Planning Event P3

Table 5-5 and Table 5-6, show branch loading above 95 % for the circuits in the area for the four different options under CNP Planning Event P3. It was observed that the autotransformer at Cedar Bayou Plant is very close to its limit for Option 4, which is a concern as the load will continue to grow for years to follow. No voltage concerns were identified under CNP Planning Event P3.

Table 5-5: Summer Peak Year 2025 - Thermal Loading Results under CNP Planning Event P3

Branch Loading	Rating (MVA)	Contingency	CNP_2025_SP _BaseCase	CNP_2025_SP _Option1	CNP_2025_SP _Option2	CNP_2025_SP _Option3	CNP_2025_SP _Option4
[illegible]	[illegible]	[illegible]	BNV	BNV	65.7 % (DA)	BNV	BNV
[illegible]	[illegible]	[illegible]	BNV	BNV	61.4 % (DA)	BNV	BNV
[illegible]	110	[illegible]	BNV	DNV	BNV	BNV	97.1 %
[illegible]	625	[illegible]	BNV	95.2 % (DA)	BNV	BNV	DNV
[illegible]	625	[illegible]	BNV	97.6 % (DA)	BNV	BNV	DNV
[illegible]	441	[illegible]	BNV	BNV	BNV	BNV	97.9 %
[illegible]	110	[illegible]	BNV	DNV	61.1 % (DA)	BNV	DNV
[illegible]	110	[illegible]	BNV	DNV	65.7 % (DA)	BNV	DNV
[illegible]	[illegible]	[illegible]	91.4 % (DA)	91.5 % (DA)	94.4 % (DA)	94.7 % (DA)	91.5 % (DA)
[illegible]	[illegible]	[illegible]	94.4 % (DA)	94.5 % (DA)	94.1 % (DA)	94.4 % (DA)	94.5 % (DA)

*CNV: Contingency not valid, BNV: Branch not valid

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Table 5-6: Summer Peak Year 2026 - Thermal Loading Results under CNP Planning Event P3

Branch Loading	Rating (MVA)	Contingency	CNP_2026_SP _BaseCase	CNP_2026_SP _Option1	CNP_2026_SP _Option2	CNP_2026_SP _Option3	CNP_2026_SP _Option4
[illegible]	[illegible]	[illegible]	BNV	BNV	[illegible]	CNV	CNV
[illegible]	[illegible]	[illegible]	BNV	BNV	[illegible]	CNV	CNV
[illegible]	110	[illegible]	BNV	BNV	BNV	CNV	[illegible]
[illegible]	[illegible]	[illegible]	BNV	[illegible]	BNV	CNV	CNV
[illegible]	[illegible]	[illegible]	BNV	[illegible]	BNV	CNV	CNV
[illegible]	[illegible]	[illegible]	BNV	BNV	BNV	[illegible]	CNV
[illegible]	110	[illegible]	BNV	BNV	BNV	CNV	[illegible]
[illegible]	[illegible]	[illegible]	BNV	BNV	BNV	[illegible]	CNV
[illegible]	110	[illegible]	BNV	BNV	[illegible]	CNV	CNV
[illegible]	110	[illegible]	BNV	BNV	[illegible]	CNV	CNV
[illegible]	Rate B [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	Rate B [illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

*CNV: Contingency not valid, BNV: Branch not valid

5.1.5 CNP Planning Event P5

Under the CNP Planning Event P5, there were no thermal loading or voltage concerns identified for the CenterPoint Energy transmission system.

5.1.6 CNP Planning Event P6

Under the CNP Planning Event P6, thermal loading concerns for Option 4 were identified as shown below in Table 5-7 and Table 5-8. No voltage concerns were identified under CNP Planning Event P6.

Table 5-7: Summer Peak Year 2025 - Thermal Loading Results under CNP Planning Event P6X

Branch Loading	Rating (MVA)	Contingency	CNP_2025_SP_BaseCase	CNP_2025_SP_Option1	CNP_2025_SP_Option2	CNP_2025_SP_Option3	CNP_2025_SP_Option4
[illegible]	[illegible]	[illegible]	BNV	BNV	[illegible]	BNV	BNV
[illegible]	[illegible]	[illegible]	CNV	CNV	CNV	CNV	[illegible]
[illegible]	[illegible]	[illegible]	BNV	BNV	[illegible]	BNV	BNV
[illegible]	[illegible]	[illegible]	CNV	[illegible]	CNV	CNV	CNV
[illegible]	[illegible]	[illegible]	BNV	[illegible]	BNV	BNV	BNV
[illegible]	[illegible]	[illegible]	CNV	CNV	CNV	[illegible]	CNV
[illegible]	[illegible]	[illegible]	BNV	BNV	BNV	BNV	[illegible]
[illegible]	[illegible]	[illegible]	CNV	CNV	CNV	[illegible]	CNV
[illegible]	[illegible]	[illegible]	BNV	BNV	[illegible]	BNV	BNV
[illegible]	[illegible]	[illegible]	CNV	CNV	[illegible]	CNV	CNV
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

*CNV: Contingency not valid, BNV: Branch not valid

Table 5-8: Summer Peak Year 2026- Thermal Loading Results under CNP Planning Event P6X

Branch Loading	Rating (MVA)	Contingency	CNP_2026_SP _BaseCase	CNP_2026_SP _Option1	CNP_2026_SP _Option2	CNP_2026_SP _Option3	CNP_2026_SP _Option4
[illegible]	[illegible]	[illegible]	CNV	CNV	[illegible]	CNV	CNV
[illegible]	[illegible]	[illegible]	CNV	CNV	CNV	CNV	[illegible]
[illegible]	[illegible]	[illegible]	CNV	CNV	[illegible]	CNV	CNV
[illegible]	[illegible]	[illegible]	CNV	[illegible]	CNV	CNV	CNV
[illegible]	[illegible]	[illegible]	CNV	[illegible]	CNV	CNV	CNV
[illegible]	[illegible]	[illegible]	CNV	CNV	CNV	[illegible]	CNV
[illegible]	[illegible]	[illegible]	CNV	CNV	CNV	CNV	[illegible]
[illegible]	[illegible]	[illegible]	CNV	CNV	CNV	[illegible]	CNV
[illegible]	[illegible]	[illegible]	CNV	CNV	[illegible]	CNV	CNV
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]
[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]	[illegible]

*CNV: Contingency not valid, BNV: Branch not valid

5.1.7 CNP Planning Event P7

Under the CNP Planning Event P7, there were no thermal loading or voltage concerns identified for the CenterPoint Energy transmission system for the interconnection options.

5.2 Steady State Analysis Conclusion

Contingency analysis indicates that for Option 4 there are thermal loading concerns for the 0.27 mi long circuit between DECKER and Decker Mutual bus location under CNP P1 and P6 Planning Events. Also, for CNP P6 Planning Events, the DECKER to EXXON ckt 83 is a potential loading concern due to station equipment limitation that should be addressed if this option is considered.

6. Short Circuit Analysis

No short-circuit analysis was performed, as all the options loop of tap existing circuits, which represent an increase in the corresponding circuit impedance, and this combined with the load at the new substation will reduce the fault currents for all breaker stations near the new substation.

7. Stability Analysis and SSR Assessment

CenterPoint Energy recently performed a stability analysis in the area as part of the RPG project "Mont Belvieu Reliability Upgrades". The results for Critical Clearing Time (CCT) at selected 138 and 345 kV CenterPoint Energy buses in that study demonstrate ample stability margin. Since system conditions are similar, the circuit impedance increase is small, and more load is added (or transferred to a different location in the area) with its corresponding damping effect. CenterPoint Energy did not consider it necessary to perform a new transient stability analysis.

In accordance with ERCOT Protocol Section 3.22.2, CenterPoint Energy has performed a topology-check of all the transmission options and concludes that this will not result in any Generation Resource becoming radial to a series capacitor in the event of less than 14 concurrent transmission outages.

8. Planning Estimates

The following assumptions were made for the new substation estimates shown on Table 8-1 to Table 8-4:

1) Substation estimates include a $2.5M for property cost.
2) Costs to elevate equipment has been included as the site may be located in a storm surge area.
3) For loop installations, a 2-bkr 138 kV loop with transmission relaying was considered.
4) Fiber optic cable requirement assumptions for Option 1: to extend existing LNGSTN/CHEV fiber optic cable to new substation creating a LNGSTN/New Sub/CHEV path.
5) Several relay upgrades in the area have been completed after the RPG approval of the 2021/22 Mont Belvieu Area Reliability Upgrades study.
6) Routing study needed to identify and avoid constraints to help determine feasibility of the preliminary options and true-up estimated costs will be required.

Any project that provides service to a substation that is 1.0 mile or greater would require a CCN application, the estimated timeframe to complete any of these options is between 24 – 27 months if all right-of-ways (ROWs) are secured before the CCN application is ready to be filed, and an estimated 36 months if ROWs are not secured and there is a need to perform the routing study.

These timelines do not include ROW acquisition, LIDAR acquisition, transmission design, material procurement, construction, etc. after receiving PUCT approval. Completing these items could range from 18-24 months based on past CCN project timelines in addition to the CCN application timeline.

Table 8-1: Option 1 – Planning Estimate

	Option 1 - New CNP Kilgore substation looped into Chevron to Langston ckt 86		
Location	**Description**	**Transmission Cost ($)**	**Substation Cost ($)**
Ckt 86	New Kilgore substation – build 138kV 2-bkr loop 35kV substation, include fiber connected on both ckts)		$15,700,000
Ckt 86	Build 2 new 138 kV circuits from the new Kilgore substation (aprox 2.6 mi) and loop NewSub into ckt 86 LANGSTON to CHEVRON Route 1A: Estimated Cost = $16.02 M, approximate length = 3.45 ckt miles Route 1B: Estimated Cost = $20.5 M, approximate length = 4.17 ckt miles Route 1C: Estimated Cost = $20.06 M, approximate length = 5.12 ckt miles	$ 16,020,000 - $ 20,500,000	
Total			$31,450,000 - $ 36,200,000

Table 8-2: - Option 2 – Planning Estimate

	Option 2 - Double tap new CNP Kilgore substation into ckt 52 EAGLE to WINFRE and ckt 86 LANGSTON to Mont Belvieu		
Location	**Description**	**Transmission Cost ($)**	**Substation Cost ($)**
	Double tap new Kilgore substation on 138 kV EAGLE/WINFRE ckt 52 & LANGSTON/Mont Belvieu ckt 86		$14,000,000
Ckt 52	tap ckt 52 between EAGLE to WINFRE and LANGSTON to Mont Belvieu to new Kilgore substation Preliminary Route 2: Estimated Cost = $15.43 M, approximate length = 3.3 ckt miles	$15,430,000	
Total			$29,430,000

Table 8-3: - Option 3– Planning Estimate

	Option 3- New CNP Kilgore substation looped into Hopson Cedar Bayou Plant to Langston ckt 84		
Location	Description	Transmission Cost ($)	Substation Cost ($)
Ckt 84	New Kilgore substation – build 138kV 2-bkr loop 35kV substation, includes install dual DCB schemes on both circuits		$15,900,000
Ckt 84	Build 2 new 138 kV circuits from the Kilgore substation (aprox 3.4 mi) and loop Kilgore into ckt 84 Cedar Bayou Plant to Hopson Route 3A: Estimated Cost = $20.66 M, approximate length = 4.18 ckt miles Route 3B: Estimated Cost = $20.12 M, approximate length = 5.13 ckt miles	$ 20,120,000 - $ 20,660,000	
Total			$ 36,020,000 - $ 36,560,000

Table 8-4: - Option 4 – Planning Estimate

	Option 4 - New CNP Kilgore substation looped into Cedar Bayou Plant to Baytown ckt 03		
Location	**Description**	**Transmission Cost ($)**	**Substation Cost ($)**
Ckt 03	New Kilgore substation – build 138kV 2-bkr loop 35kV substation		$15,650,000
ckt 03	upgrade relaying on ckt 03 Cedar Bayou Plant		$50,000
Ckt 03	Build 2 new 138 kV circuits from the Kilgore substation (aprox 6.89 mi) and loop Kilgore substation into into Cedar Bayou Plant to TrinityBay /Kenny/Baytown ckt 03	$25,970,000	
ckt 83	DECKER - upgrade EXXON ckt 83 to minimum 440/561 MVA (replace line switch, wave trap, jumpers, tubing)	$1,260,000	$200,000
ckt 83	EXXON - upgrade DECKER ckt 83 to minimum 440/561 MVA (replace wave trap, jumpers, tubing)		$150,000
Ckt 83	Thermally uprate or reconductor 0.27 mi between DECKER_X83B8 and DKRCM01_83_8 Normal rating 440 MVA, Emergency rating 561 MVA	$1,260,000	
Total			$44,540,000

Table 8-5: Substation Diagram

Options 1,3,4 Looped Kilgore Arrangements	New Sub DP Loop Arrangement Optio
Option 2 Double Tap Kilgore Arrangements	New Sub DP Double Tap Arrange

9. Conclusions

CenterPoint Energy Transmission Planning analyzed four different options to serve a future Kilgore 138/35 kV substation in the Jordan/Trinity Bay/Mont Belvieu area near the Grand Parkway (HWY 99) and FM 565.

This project is the most cost-effective solution to interconnect the new Kilgore substation which will relieve capacity concerns on the existing Mont Belvieu, Jordan, and Trinity Bay substations by transferring load from the existing substations to the new Kilgore substation. This project also provides capacity for future area load growth.

Based upon the results and as discussed in the preceding sections, all the proposed options will satisfy NERC Reliability Standard TPL-001-4, ERCOT Planning Guide Section 4 (ERCOT Transmission Planning Criteria), and CenterPoint Energy Transmission System Design Criteria. CenterPoint Energy recommends Option 2 which consists of:

- Double tap new substation (Kilgore) on 138 kV circuits: EAGLE-WINFRE ckt 52 and LNGSTN to Mont Belvieu ckt 86.
    - Construction of a new CenterPoint Energy 138/35 kV Kilgore substation
    - Connection of a Kilgore substation by tapping into ckt 52 between EAGLE to WINFRE and ckt 86 between LNGSTN and Mont Belvieu, with construction of approximately 3.3 miles of new double circuit line.

CenterPoint Energy recommends Option 2 as the most cost-effective option. The estimated cost of Option 2 is approximately $29.43 M.

The project requires a CCN, as it involves the construction of more than a mile-long double circuit line to connect the new substation. The project is expected to be completed before peak 2025, taking into consideration typical lead times necessary to implement the proposed project, including PUCT (CCN process) review and approval, materials and construction lead times.

10. Appendix A – Support Files

File Description	File
Changes Made to Base Cases	 20SSWG_Oct_Base_ Case_Changes_to_C
Load Flow Cases	 LOADFLOWS.zip
Study Case Detailed Results	 newload_0510.zip

Addendum: New 138 kV Kilgore Substation

July 2023

Prepared by:
CenterPoint Energy Houston Electric, LLC
Transmission Planning Division

CenterPoint Energy Houston Electric, LLC (CenterPoint Energy or CNP) is proposing a new 138 kV transmission line that is needed to deliver electric power to the new 138/35 kV Kilgore substation in the Jordan/Trinity Bay/Mont Belvieu area. Distribution Planning initially requested Transmission Planning study the interconnection of the new Kilgore substation in November 2020. Transmission Planning completed this study in July 2021 using the load forecast for the new and surrounding substations available at the time. Tables 2-1 and 2-2 show the historical and forecasted loads at the time of the original study. Distribution Planning recently completed their latest load forecast which includes Kilgore substation. Updated historical loads (2018-2022) for area substations are shown in Table 1-3, while the latest load forecast is shown in Table 1-4.

Table 1-1: Historical Combined Load (Jordan/Trinity Bay/Mont Belvieu) 2016 -2020

	Substation Load (MW)				
Substation Name	2016	2017	2018	2019	2020
JORDAN	7.85	9.87	20.31	30.70	45.10
MONT_BELVIEU	71.61	68.67	61.00	58.19	40.98
TRINITY BAY 12KV	23.80	26.07	31.89	0.00	30.75
TRINITY BAY 35KV	11.24	14.56	14.00	51.68	14.80
Total (MW)	114.50	119.18	127.20	140.57	131.62

Table 1-2: Forecast Combined Load (Jordan/Trinity Bay/Mont Belvieu) 2021-2030

	Substation Load (MW)									
Substation Name	2021	2022	2023	2024	2025	2026	2027	2028	2029	2030
Jordan	78.62	83.47	87.73	91.37	91.01	90.66	90.31	89.95	89.61	89.26
Mont Belvieu	29.89	33	35.82	38.67	38.91	39.14	39.38	39.62	39.87	40.11
Trinity Bay 12 kV	35.37	40.8	45.9	50.27	50.58	50.89	51.2	51.51	51.83	52.14
Trinity Bay 35 kV	41.02	44.51	48.02	51.55	51.86	52.18	52.5	52.82	53.14	53.47
Total (MW)	184.9	201.78	217.47	231.86	232.36	232.87	233.39	233.9	234.45	234.98

Table 1-3: Historical Combined Load (Jordan/Trinity Bay/Mont Belvieu) 2018 -2022

	Substation Load (MW)				
SUBSTATION NAME	**2018**	**2019**	**2020**	**2021**	**2022**
JORDAN	20.31	30.70	45.10	45.08	49.60
MONT_BELVIEU	61.00	58.19	40.98	31.70	28.19
TRINITY BAY 12KV	35.29	35.29	30.75	23.03	29.29
TRINITY BAY 35KV	16.39	16.39	14.80	31.60	44.85
Total (MW)	132.99	140.57	131.62	131.41	151.94

Table 1-4: Forecast Combined Load (Jordan/Trinity Bay/Mont Belvieu/Kilgore) 2023-2032

	Substation Load (MW)									
SUBSTATION NAME	**2023**	**2024**	**2025**	**2026**	**2027**	**2028**	**2029**	**2030**	**2031**	**2032**
JORDAN	62.39	66.13	41.77	41.61	41.45	41.29	41.13	40.97	40.81	40.65
MONT_BELVIEU	33.16	36.17	36.76	37.35	37.95	38.56	39.18	39.81	40.46	41.11
KILGORE (FUTURE)	0.00	0.00	44.90	45.62	46.36	46.64	46.93	47.22	47.52	47.82
TRINITY BAY 12KV	36.73	40.49	41.14	41.80	42.48	43.16	43.86	44.57	45.30	46.04
TRINITY BAY 35KV	63.22	71.79	54.30	56.80	57.15	57.50	57.85	58.20	58.57	58.95
Total	195.50	214.58	218.87	223.19	225.38	227.15	228.95	230.77	232.65	234.56

The 2021 Transmission Planning study was performed with the original load forecast for summer peak 2025 and 2026 base cases. It evaluated four transmission connection options while showing that only Option 4 had any potential thermal loading or voltage concerns. Option 4 was the highest cost option and was rejected as a potential connection option. The two lowest cost options were Option 1 and Option 2, shown below in Figures 1-1 and 1-2. The detailed description of Options 1 and 2 are as follows:

- Option 1: Loop the new Kilgore 138/35 kV substation via an approximately 2.6-mi long 138 kV double circuit line on ckt 86 between CHEV and LNGSTN.

- Option 2: Double-tap the new Kilgore 138/35 kV substation via an approximately 3 mi long 138 kV double circuit line to ckt 52 EAGLE - WINFRE and ckt 86 LNGSTN to Mont Belvieu.

Figure 1-1: Option 1 – Loop Kilgore Substation on CHEV to LNGSTN ckt 86

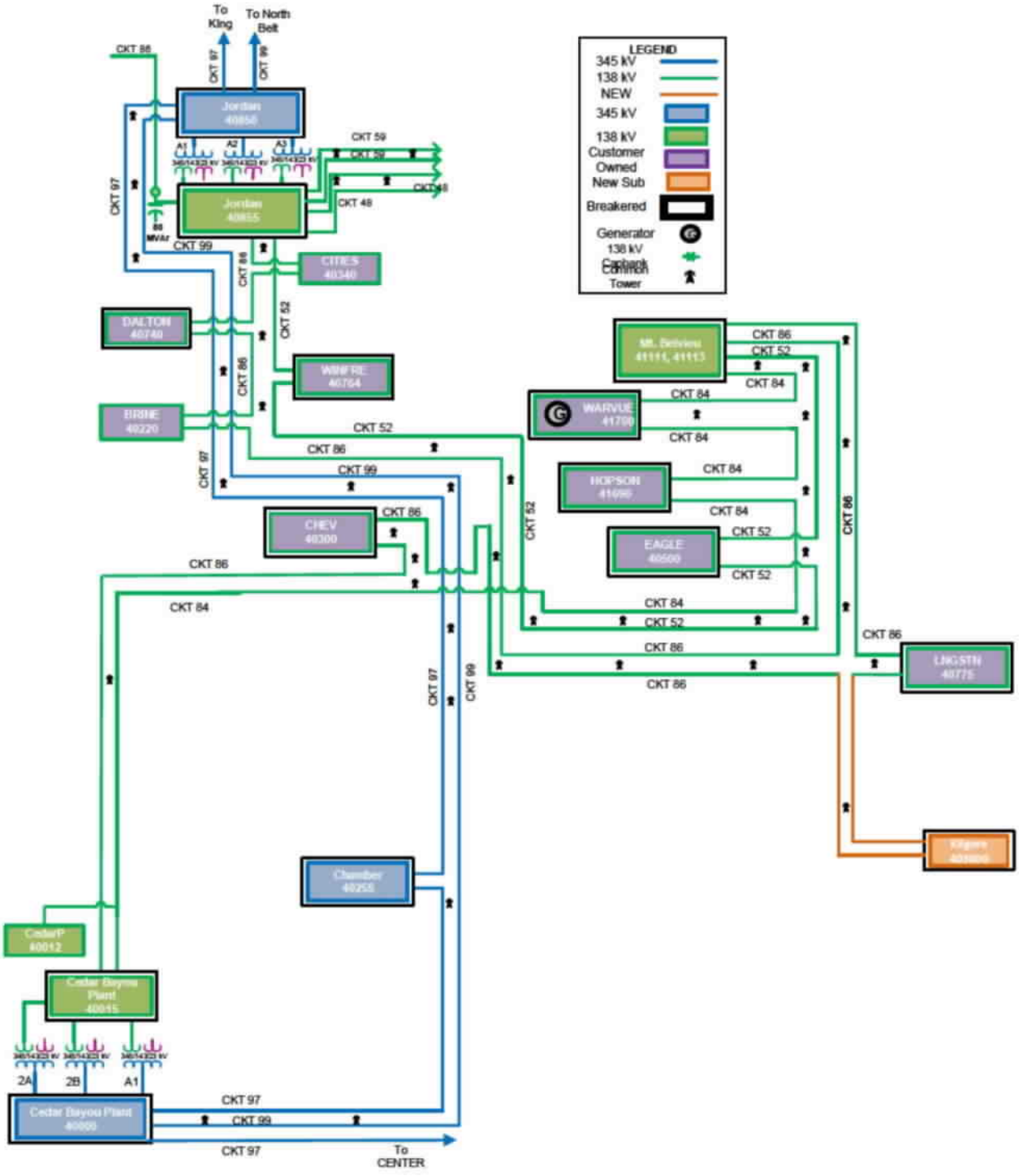
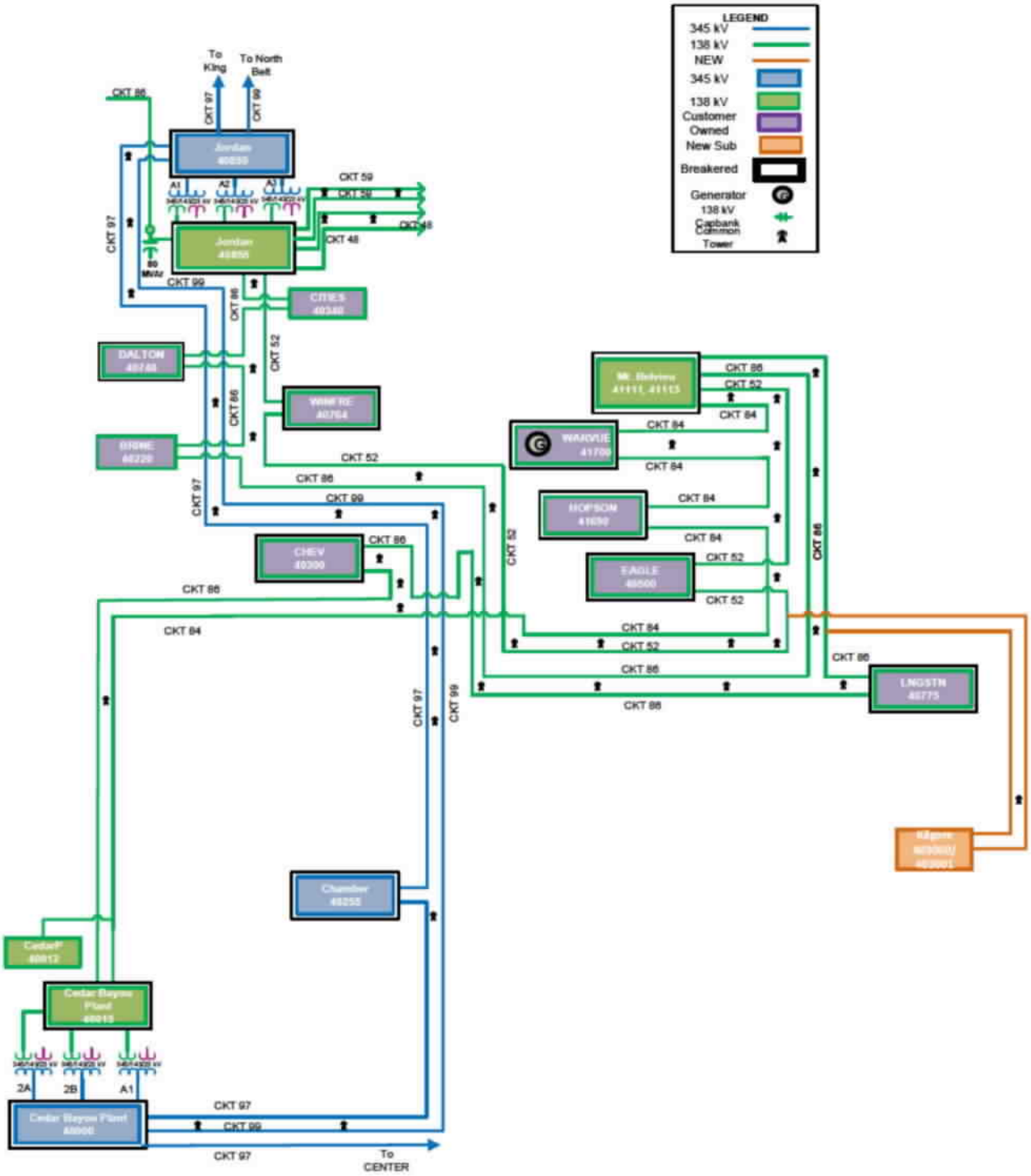


Figure 1-2: Option 2 – Double Tap Kilgore on ckt 52 EAGLE to WINFRE and on ckt 86 LNGSTN to Mont Belvieu



A comparison of the 2021 load forecast used in the original Transmission Planning study versus the latest 2023 load forecast show lower loads in the 2023 forecast. For example, the total 2026 peak load from the 2021 load forecast was 233 MW while the latest forecast is only 223 MW. The latest forecast does not show the area total load reaching 233 MW until 2031. Since no reliability issues were seen with higher forecasted loads in the original study, it stands to reason that no reliability issues will be seen with the lower forecasted loads. Therefore, a revised analysis is deemed unnecessary since the original study modeled higher loads than the latest forecast.

The original study had recommended Option 2 as the most cost-effective option; however, neither routing studies nor detailed engineering had taken place. Neither option caused any reliability concerns. The recommendation was solely based on the 2021 planning estimates included in the study report. Those preliminary estimates were $31.45M - $36.2M for Option 1 and $29.43M for Option 2. However, these costs were developed prior to the routing study which determined proposed routes to be submitted to the Public Utility Commission of Texas (PUCT) as part of the Certificate of Convenience and Necessity (CCN). The detailed engineering estimates were then developed and the cost estimates increased to $59.7M - $98.8M for the 20 routes estimated; however, it should be noted that the cost estimate increase applied to both Options 1 and 2. It was determined that connecting Kilgore as in Option 1 rather than Option 2 was on average about 12% less expensive. This is due to the location where the double tap needed to occur to match the transmission planning study and the work needed to connect to the second circuit for the second tap. Based on the new information, the recommended option is changed from Option 2 to Option 1, Loop Kilgore substation on 138 kV CHEV to LNGSTN ckt 86.

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ATTACHMENT 5

Schematic of CenterPoint Energy's Existing Transmission System

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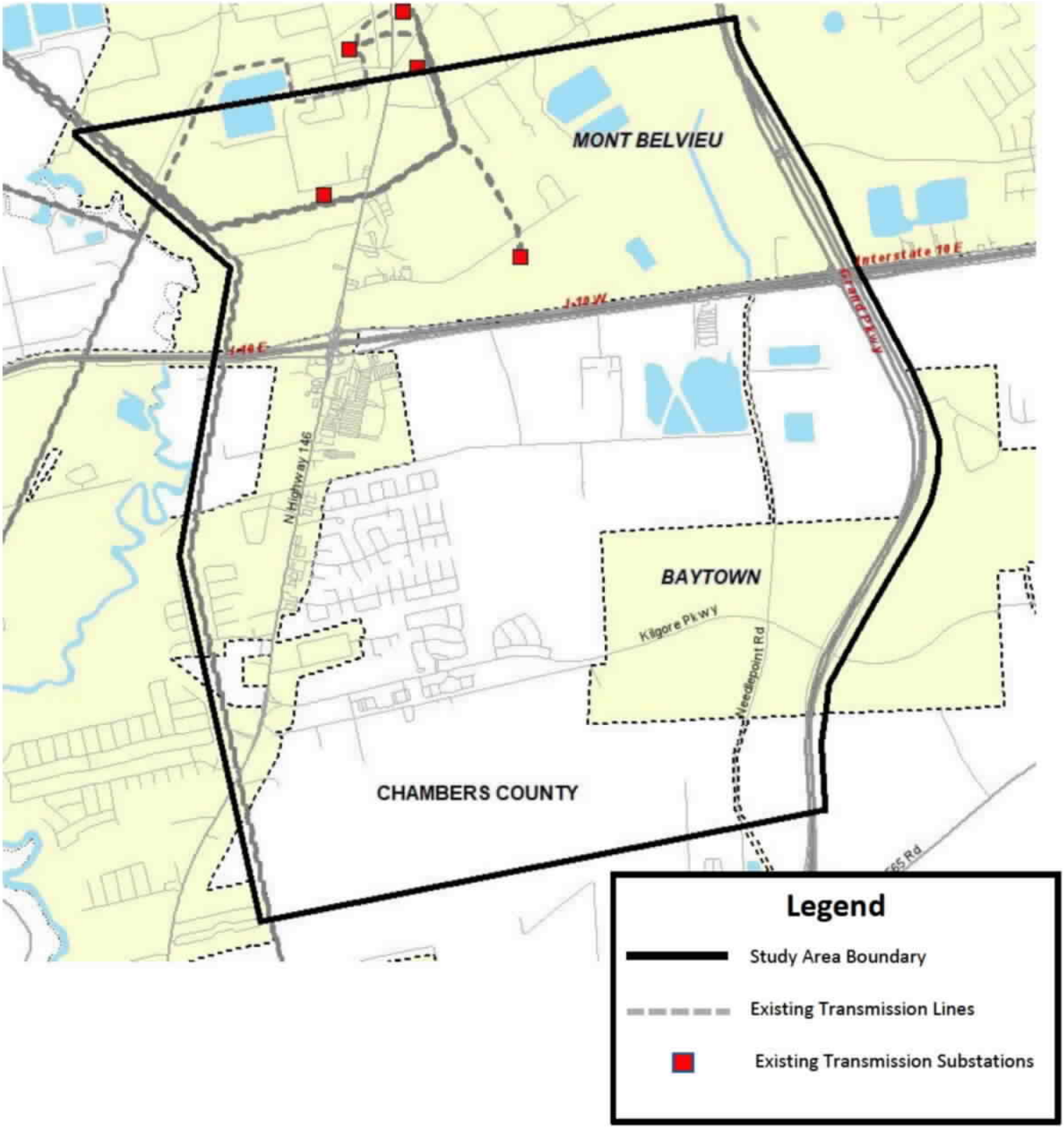
ATTACHMENT 5

SCHEMATIC OF CENTERPOINT ENERGY TRANSMISSION SYSTEM



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ATTACHMENT 6

Directly Affected Landowner List including Habitable Structures and Landowner Map

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ATTACHMENT 6
DIRECTLY AFFECTED LANDOWNER LIST INCLUDING HABITABLE STRUCTURES

SEGMENT(S)	MAP ID	PARCEL ID	HABITABLE STRUCTURE [1]	OWNER NAME	MAILING ADDRESS	CITY	STATE	ZIP
A3	P1	20402		TARGA DOWNSTREAM LLC	2424 RIDGE RD	ROCKWALL	TX	75087
A3	P2	15132		TARGA DOWNSTREAM LLC	2424 RIDGE RD	ROCKWALL	TX	75087
A3	P3	5344		TARGA DOWNSTREAM LLC	2424 RIDGE RD	ROCKWALL	TX	75087
A3	P4	5345		TARGA DOWNSTREAM LLC	2424 RIDGE RD	ROCKWALL	TX	75087
A3	P5	9917		TARGA DOWNSTREAM LLC	2424 RIDGE RD	ROCKWALL	TX	75087
A3	P6	15312		TARGA DOWNSTREAM LLC	2424 RIDGE RD	ROCKWALL	TX	75087
A3	P7	21894		BHK HOSPITALITY LLC	4602 KATY FREEWAY	HOUSTON	TX	77007
A3	P8	1200		RANKIN BLAKE PRESTON TRUST	3502 AMHERST ST	HOUSTON	TX	77005
		1215		BENSON CARL WESLEY	10101 APPLE CREEK DR	DALLAS	TX	75243
		5151		FITZGERALD TYLER S	PO BOX 1224	ANAHUAC	TX	77514
		5183		FITZGERALD TEMPLE STEPHEN	BOX 641	WINNIE	TX	77665
		7697		HILL CARLENE F	1613 HAWTHORNE ST APT 14	LIBERTY	TX	77575
		9924		LANSFORD BENNIE	10042 OCEAN DRIVE	BAYTOWN	TX	77523
		9935		LANSFORD MICHAEL	2506 LAVERNE	HOUSTON	TX	77080
		12413		NELSON DEBORAH F	4302 JUNCTION HWY	INGRAM	TX	78025
		53438		ATHARI MOHAMMAD MD	P O BOX 935	BAYTOWN	TX	77522
		53444		ECHOLS HUGH A 2008 TRUST	3748 HARPER	HOUSTON	TX	77005
		53450		ECHOLS JOHN H MARITAL DEDUCTION TRUST	3748 HARPER ST	HOUSTON	TX	77005
		53456		ECHOLS ANDREW C 2008 TRUST	3748 HARPER	HOUSTON	TX	77005
		53462		MARSH GLENNA C	4 DEL ORO CT	BAYTOWN	TX	77521
		53468		RISER C A MD	12586 LONGHORN COURT	GLENPOOL	OK	74033
		53474		COLLIER GEORGE W III & LINDSAY SPARKS	17714 KATHYWOOD DR	TOMBALL	TX	77377
		53480		ABBRUZZESE SUN	PO BOX 131	MOSCOW	TX	75960
		53486		GILLESPIE JEFFREY W	4802 LOCUST ST	BELLAIRE	TX	77401
		53492		AIR LIQUIDE LARGE INDUSTRIES US LP	9811 KATY FREEWAY SUITE 100	HOUSTON	TX	77024
		53498		KIRKPATRICK JESSE B DDS	323 BAYRIDGE ROAD	LA PORTE	TX	77571
		53504		DANN CATHY T	10 RAPIDS LN	GREENWICH	CT	6831
		53510		ECHOLS DEANNA O	3748 HARPER ST	HOUSTON	TX	77005
		53516		RANKIN RYAN NOEL MARSAUDON TRUST	3502 AMHERST ST	HOUSTON	TX	77005
		53522		RANKIN DREW PHILLIP TRUST	3502 AMHERST ST	HOUSTON	TX	77005

[1] Habitable Structure No. corresponds to structure identified on the Directly Affected Landowner map, Attachment 6, and Figure 4-1 in the Environmental Assessment (Attachment 1).

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A2	P9	17539	2	WALLACE WILLIAM O JR	PO BOX 808	MONT BELVIEU	TX	77580
A2	P10	37791	3	WALLACE WILLIAM O JR	PO BOX 808	MONT BELVIEU	TX	77580
A2	P11	11800	4, 5	NEQ INVESTMENTS LTD	9400 HWY 146 NORTH	BAYTOWN	TX	77523
A2	P12	18942		NEQ INVESTMENTS LTD	9400 HWY 146 NORTH	BAYTOWN	TX	77523
A2, B3, B4	P13	44224		ENTERPRISE PRODUCTS TEXAS	PO BOX 4324	HOUSTON	TX	77210
B1	P14	3012		ENTERPRISE PRODUCTS TEXAS OPERATING	PO BOX 4018	HOUSTON	TX	77210
B1, C1, D1, D2	P15	3944	1	MONT BELVIEU CAVERNS LLC	PO BOX 4018	HOUSTON	TX	77210
A2, B3, B4	P16	5098	13, 15, 16, 20, 22, 24, 25, 27	NEQ INVESTMENTS LTD	9400 HWY 146 NORTH	BAYTOWN	TX	77523
A2, B4	P17	42863	34	A&E TWENTY-ONE LLC	10607-B LANGSTON	MONT BELVIEU	TX	77523
A2, B3, B4	P18	42860	31	A&E TWENTY-ONE LLC	10607-B LANGSTON	MONT BELVIEU	TX	77523
B4	P19	48092	33	A&E TWENTY-ONE LLC	10607-B LANGSTON	MONT BELVIEU	TX	77523
B3, B4	P20	29984	19	TALKE RE HOLDINGS INC	PO BOX 190	MONT BELVIEU	TX	77580
		29985		TALKE RE HOLDINGS INC	PO BOX 190	MONT BELVIEU	TX	77580
B3	P21	34127		TALKE RE HOLDINGS INC	PO BOX 190	MONT BELVIEU	TX	77580
B3	P22	34128		TALKE RE HOLDINGS INC	PO BOX 190	MONT BELVIEU	TX	77580
B3	P23	36713	32	TRIPLE B C & V LLC	3819 RIVER RUN DR	BAYTOWN	TX	77523
C3	P24	35514	30	TALKE RE HOLDINGS INC	PO BOX 190	MONT BELVIEU	TX	77580
C3	P25	35480	14, 17, 21, 23, 26, 28, 29	SHAFER RICHARD L	10619 LANGSTON DR	BAYTOWN	TX	77523
C3	P26	25037	18	SHAFER RICHARD L	10619 LANGSTON DR	BAYTOWN	TX	77523
C3	P27	26783	12	CONWAY MATTHEW B & ASHLEY S	10619 LANGSTON DR OFFICE	BAYTOWN	TX	77523
A1, C3	P28	25036	11	FARRELL JAMES E & REGINA L	10635 LANGSTON	BAYTOWN	TX	77523
A1, C3	P29	47729	10	FARRELL CODY GARRETT & BRETT ASHLEY	10639 LANGSTON DRIVE	MONT BELVIEU	TX	77523
A1, B2, C2, C3	P30	20493	9	LUDTKE TRENT A	111 N HAMSHIRE ROAD	WINNIE	TX	77665
A1, B2, C2, C3	P31	23646	7, 8	GATES JOSH E & BRENDA A	10703 LANGSTON DR	BAYTOWN	TX	77523
A1, B1, B2	P32	2547	6	CHAMBERS COUNTY PARK	BOX 939	ANAHUAC	TX	77514
B4	P33	48545	36	CITY OF MONT BELVIEU	P O BOX 1048	MONT BELVIEU	TX	77580
B4	P34	61084		VHI PROPERTIES INC	4230 GREENBRIAR DRIVE	STAFFORD	TX	77477
B3, B4, B5, C5	P35	29891		DCB JOINT VENTURE NO 1	PO BOX 9631	COLLEGE STATION	TX	77842
B3, B5, C3, C4, C5	P36	799	35, 37, 38, 39, 41, 42, 43, 44	CROSSBRIDGE LLC	3637 MEADOW LAKE LANE	HOUSTON	TX	77027
B1, B2, B5, C1, C2, C3, C4, D3	P37	3944		MONT BELVIEU CAVERNS LLC	PO BOX 4018	HOUSTON	TX	77210

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SEGMENT(S)	MAP ID	PARCEL ID	HABITABLE STRUCTURE [1]	OWNER NAME	MAILING ADDRESS	CITY	STATE	ZIP
C4	P38	18832	40	SCS TEXAS PROPERTIES LLC	20411 PLANK RD	ZACHARY	LA	70791
C4	P39	18560		NEWTEX INC	4007 UNDERWOOD ST	HOUSTON	TX	77025
C4	P40	1839	40.1	PISCES I-10 EAST COMMERCE CENTER	1180 PEACHTREE ST, SUITE 3380	ATLANTA	GA	30309
		14060		PISCES I-10 EAST COMMERCE CENTER	1180 PEACHTREE ST, SUITE 3380	ATLANTA	GA	30309
C4	P40.1	19354		PISCES I-10 EAST COMMERCE CENTER	1180 PEACHTREE ST, SUITE 3380	ATLANTA	GA	30309
		11007		WILLCOX MARSHA	PO BOX 78	WALLISVILLE	TX	77597
D3	P41	58852		FULGHUM LLC	7402 KINGS RIVER CT	HUMBLE	TX	77346
D3	P42	3035		ABBRUZZESE SUN, LINDSAY C SPARKS &	PO BOX 131	MOSCOW	TX	75960
		6411		SPEER KEVIN	12726 HIDDEN LANE	MONT BELVIEU	TX	77523
D3	P43	44490		KILPATRICK HW & CHARLOTTE REVOCABLE TRUST &	3918 WESTERDALE DRIVE	FULSHEAR	TX	77441
D3	P44	52559		FULGHUM'S & HOBSON LLC	16903 EAST FREEWAY	HOUSTON	TX	77530
D3	P45	15971		CHEVRON PHILLIPS CHEMICAL CO LP	10001 SIX PINES DR	THE WOODLANDS	TX	77380
D2	P46	2451		SPEER KEVIN	12726 HIDDEN LANE	MONT BELVIEU	TX	77523
		3027		ABBRUZZESE SUN, LINDSAY C SPARKS &	PO BOX 131	MOSCOW	TX	75960
		3033		ABBRUZZESE SUN, LINDSAY C SPARKS &	PO BOX 131	MOSCOW	TX	75960
		3034		ABBRUZZESE SUN, LINDSAY C SPARKS &	PO BOX 131	MOSCOW	TX	75960
		6409		SPEER KEVIN	12726 HIDDEN LANE	MONT BELVIEU	TX	77523
		6410		SPEER KEVIN	12726 HIDDEN LANE	MONT BELVIEU	TX	77523
		10019		ABBRUZZESE SUN, LINDSAY C SPARKS &	PO BOX 131	MOSCOW	TX	75960
		12761		REDMON BRIGET OLIVER	8024 N FM 565 RD	COVE	TX	77523
		60374		OLIVER KAREN	PO BOX 1020	MONT BELVIEU	TX	77580
D3	P47	5094		CHEVRON PHILLIPS CHEMICAL CO LP	10001 SIX PINES DR	THE WOODLANDS	TX	77380
D2	P48	6263		CHEVRON PHILLIPS CHEMICAL CO LP	10001 SIX PINES DR	THE WOODLANDS	TX	77380

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C1, D1, D2, D3, E1, E3	P49	56557		MONT BELVIEU CAVERNS LLC	PO BOX 4018	HOUSTON	TX	77210
D1, E1, E2	P50	17626		TARGA DOWNSTREAM LLC	2424 RIDGE RD	ROCKWALL	TX	75087
E3	P51	18815		SPEER GORDON W	PO BOX 2025	MONT BELVIEU	TX	77580
E2, E3, F1	P52	3954		MONT BELVIEU CAVERNS LLC	PO BOX 4018	HOUSTON	TX	77210
D1, E1, E2	P53	14410		MB LAND INVESTORS LLC	4900 WOODWAY DR, SUITE 870	HOUSTON	TX	77056
E2	P54	11376		MB LAND INVESTORS LLC	4900 WOODWAY DR, SUITE 870	HOUSTON	TX	77056
E2	P55	11375		MB LAND INVESTORS LLC	4900 WOODWAY DR, SUITE 870	HOUSTON	TX	77056
E2	P56	5334	45, 46, 47	MB LAND INVESTORS LLC	4900 WOODWAY DR, SUITE 870	HOUSTON	TX	77056
		6022		MB LAND INVESTORS LLC	4900 WOODWAY DR, SUITE 870	HOUSTON	TX	77056
E3, F1, F2	P57	8351		SPEER GORDON W	PO BOX 2025	MONT BELVIEU	TX	77580
E2, F1, F3	P58	17181		MIDCON TEXAS PIPELINE CORP	500 DALLAS ST SUITE 1000	HOUSTON	TX	77002
		28040		CRAVENS ELIZABETH	3900 E PARKWAY ST	GROVES	TX	77619
A3	P59	56697	56	TRUX SUPER STORE INC	9900 I-10 EAST	BAYTOWN	TX	77521
A3, A4, I5	P60	8016		CENTERPOINT ENERGY INC	P O BOX 1475	HOUSTON	TX	77251
I5	P61	53117	50, 51, 52, 53, 54, 55, 57, 58, 59, 60, 62, 63, 64, 66, 67, 68, 69, 70, 71, 72, 72.1, 73, 74, 75, 76, 77, 78, 79, 79.1, 81, 82, 83, 83.1, 83.2, 84, 84.1, 85, 86, 87, 88, 89, 90, 91, 92, 93, 94, 95, 96, 97, 98, 99, 100, 101, 102, 103, 104, 105, 106, 107, 108, 109, 110, 111, 112, 113, 114, 115, 116, 117, 118, 119, 120, 121, 122, 123, 124, 124.1, 125, 126, 127, 128, 128.1, 129, 130, 131, 132, 132.1 133, 134, 135, 136, 137	FITZGERALD BROTHERS LTD	9900 I10 E FREEWAY	BAYTOWN	TX	77521
I5	P62	5164	61, 65, 80	KM 146 PARTNERS LP	5555 SAN FELIPE ST STE 150	HOUSTON	TX	77056
I5	P63	5166		KM 146 PARTNERS LP	5555 SAN FELIPE ST STE 150	HOUSTON	TX	77056
		33614		KM 146 PARTNERS LP	5555 SAN FELIPE ST STE 150	HOUSTON	TX	77056

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I5	P64	56702	186	AUTOZONE PARTS, INC A NEVADA CORP	123 S FRONT ST, 3RD FLOOR	MEMPHIS	TN	38103
I5	P65	28144		CHAMBERS TOWN CENTER PARTNERSHIP B LP	8827 W SAM HOUSTON PKWY N STE 200	HOUSTON	TX	77040
B4, C6, C7	P66	66303	148	CHAMBERS TOWN CENTER PARTNERSHIP A LP	8827 W SAM HOUSTON PKWY N STE 200	HOUSTON	TX	77040
B4, C6, C7, E6	P67	10485	144, 151, 157, 169	LOWERY HERMAN S & URSULA	P O BOX 1649	MONT BELVIEU	TX	77580
E6, I5	P68	37599	174, 175, 176	LOWERY ROBERT W & JOYCE	10717 OLD NEEDLEPOINT RD	BAYTOWN	TX	77523
B4, C6, C7	P69	12784	150	LOWERY HERMAN S & URSULA	P O BOX 1649	MONT BELVIEU	TX	77580
		30359		LOWERY HERMAN S & URSULA	P O BOX 1649	MONT BELVIEU	TX	77580
C6	P70	7588	145, 146	MIDSTREAM TRANSPORTATION CO LLC	PO BOX 642	CENTER	TX	75935
		30339		MIDSTREAM TRANSPORTATION CO LLC	PO BOX 642	CENTER	TX	75935
C5	P71	9389	143	SUBURBAN PROPANE LP	240 ROUTE 10 WEST	WHIPPANY	NJ	7981
C5	P72	7962	138, 140, 142	ENDERLI GAIL M	2402 FRENCH PLACE	BAYTOWN	TX	77520
C5	P73	1714	139, 141	MARTIN TRANSPORT INC	PO BOX 191	KILGORE	TX	75663
C5, C6, C7, D4, D5, D6, E5, E6	P74	5159	153	FITZGERALD JOAN & KINNEY	PO BOX 82	MONT BELVIEU	TX	77580
D4, E5	P75	8349	147, 149, 152, 154, 154.1, 154.2, 154.3, 154.4, 155, 156, 158, 159, 160, 161, 162, 163, 164, 165, 166, 168	DESTINATION VENTURES LP	11163 OLD NEEDLEPOINT RD, SUITE 100	BAYTOWN	TX	77523
C4, D4, E4	P76	40171		BAYTOWN ASPHALT MATERIALS LTD	PO BOX 1987	BAYTOWN	TX	77522
E4	P77	16219		ANGEL BROTHERS ENTERPRISES LTD	PO BOX 570	BAYTOWN	TX	77522
E4, I2, I3, K5	P78	28432	170	MAJORS ARNOLD JR ETUX	P.O. BOX 58	STOWELL	TX	77661
		39486		MAJORS ARNOLD JR ETUX	P.O. BOX 58	STOWELL	TX	77661
I2	P79	62742	167	SFG ISF BAYTOWN PARK LLC	3280 PEACHTREE ROAD SUITE 2770	ATLANTA	GA	30305
G2	P80	15325		SPEER KEVIN L & DAVID W	12726 HIDDEN LANE	MONT BELVIEU	TX	77523
F2, G1, G2	P81	28041		SPEER KEVIN	12726 HIDDEN LANE	MONT BELVIEU	TX	77523
G2	P82	28037		SPEER PROPERTIES INC	PO BOX 265	MONT BELVIEU	TX	77580

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SEGMENT(S)	MAP ID	PARCEL ID	HABITABLE STRUCTURE [1]	OWNER NAME	MAILING ADDRESS	CITY	STATE	ZIP
F3, G1, G3, G4	P83	17180		MIDCON TEXAS PIPELINE CORP	500 DALLAS ST SUITE 1000	HOUSTON	TX	77002
		28042		MCCLANAHAN INVESTMENTS LLC	12726 HIDDEN LN	MONT BELVIEU	TX	77523
G4	P84	6247	48, 49	WOWCO PROPERTIES LLC	PO BOX 808	MONT BELVIEU	TX	77580
G4	P85	9008		AMERICUS HOLDINGS LTD	5330 MONTROSE BLVD	HOUSTON	TX	77005
G4, H1	P86	5047		AMERICUS HOLDINGS LTD	5330 MONTROSE BLVD	HOUSTON	TX	77005
G2, G3, H1, H2	P87	28038		SPEER KEVIN L & DAVID W	12726 HIDDEN LANE	MONT BELVIEU	TX	77523
H1	P88	11232		MILLER DONNA MCCUNE & SMITH DON	523 WINDSOR GLEN DR	KATY	TX	77450
H1	P89	62404		KUPSTAS ADAM	2907 REDWOOD LODGE DRIVE	HOUSTON	TX	77339
H1	P90	62405		JAY MAC SANDERS	19 AMBER LEAF COURT	THE WOODLANDS	TX	77381
H1	P91	62406		DAVIDS JULIE	111 NORTH DELTA MILL CIRCLE	CONROE	TX	77385
H1	P92	62407		COALE LEAH	41 ROLLING LINKS COURT	SPRING	TX	77380
H1	P93	62408		LESCHAK RONALD	8306 SILVER BAY COURT	HOUSTON	TX	77095
G2, G3, H1, H2	P94	25065		SPEER KEVIN	12726 HIDDEN LANE	MONT BELVIEU	TX	77523
H1, H2	P95	20878		CAREY R W ESTATE				
H1	P96	17182		MIDCON TEXAS PIPELINE CORP	500 DALLAS ST SUITE 1000	HOUSTON	TX	77002
H1	P97	66932		MERITAGE HOMES OF TEXAS LLC	3250 BRIARPARK #100	HOUSTON	TX	77042
G4, H1, K1	P98	63446		A N BAYTOWN INVESTMENTS CORP	1614 CRYSTAL MEADOW PLACE	KATY	TX	77494
K1	P99	65874		BAYTOWN RETAIL LTD	6115 FM 359	RICHMOND	TX	77406
K1	P100	62754		XAG GROUP LLC	3250 BRIARPARK DRIVE STE 100	HOUSTON	TX	77042
H2	P101	28036		SPEER DAVID	PO BOX 70	MONT BELVIEU	TX	77580
		61433		SPEER KEVIN	12726 HIDDEN LANE	MONT BELVIEU	TX	77523
K1	P102	5047		AMERICUS HOLDINGS LTD	5330 MONTROSE BLVD	HOUSTON	TX	77005
H2	P103	66647		CHAMBERS COUNTY	P O BOX 939	ANAHUAC	TX	77514
K1	P104	63456		BARBERS HILL ISD ED FOUNDATION	PO BOX 1108	MONT BELVIEU	TX	77580
A4	P105	50397	181	BRADSHAW JAMES JR & REBECCA	9735 OLD NEEDLEPOINT RD	BAYTOWN	TX	77521
A4	P106	55136		BRADSHAW JAMES D JR	9735 OLD NEEDLEPOINT RD	BAYTOWN	TX	77523
A4	P107	41141		CHAMBERS COUNTY MUNICIPAL	1415 LOUISIANA, FIFTH FLOOR	HOUSTON	TX	77002
A4	P108	41140		CHAMBERS COUNTY MUNICIPAL	1415 LOUISIANA, FIFTH FLOOR	HOUSTON	TX	77002
I5	P109	14708	182	MARTINEZ STEVEN F & ANNETTE R	407 EAST CIRCLE DRIVE	BAYTOWN	TX	77521
I5	P110	3938	184	SAK INVESTMENTS LLC	24015 INTERSTATE 10	WALLISVILLE	TX	77597
I5	P111	49490	185	OREILLY AUTO ENTERPRISES LLC	PO BOX 9167	SPRINGFIELD	MO	65801
I5	P112	42751	183	B&G FOOD LLC	P O DRAWER 3608	MORGAN CITY	LA	70381
I5	P113	42652	187	BISHOP ROBERT & KAREN	8319 WHITE PINE LN	BAYTOWN	TX	77523

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ATTACHMENT 6
DIRECTLY AFFECTED LANDOWNER LIST INCLUDING HABITABLE STRUCTURES

SEGMENT(S)	MAP ID	PARCEL ID	HABITABLE STRUCTURE [1]	OWNER NAME	MAILING ADDRESS	CITY	STATE	ZIP
I5	P114	42654	188	BALLY RAAVEESH R	8323 WHITE PINE LANE	BAYTOWN	TX	77523
I5	P115	42655	189	MERINO ELBERT & ALEJANDRA M	10303 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P116	42656	190	BUCKALEW JENNA	10307 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P117	42657	192	MOYA PAOLA C GOMEZ	10311 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P118	42660	194	WARD WAYLON J & RACHEL R	10315 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P119	42661	196	KEPPER DAVID HEWITT	10319 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P120	42662	198	CIOCI SCOTT GREGORY	303 FOREST LAKE DR	TAYLOR LAKE VILL	TX	77586
I5	P121	42663	200	WRIGHT WRENN	10327 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P122	42664	201	TINGLEY ROBERT D	10403 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P123	42665	202	FUENTES MARISOL	10407 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P124	42666	205	VELASQUEZ JORGE	10411 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P125	42667	206	CROSS JEANNINE	10415 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P126	42668	207	COOK BRIAN	10419 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P127	42669	210	GARRETT JAY T & TAMARA M	10423 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P128	42670	211	BROIN JAMES ANDREW & JAMIE ALTHEA	8326 SYCAMORE LN	BAYTOWN	TX	77523
I5	P129	42683	215	GARCIA HECTOR M & MARIA N	8327 SILVER FIR LN	BAYTOWN	TX	77523
I5	P130	42684	219	BRIONES JOSUE & ANABEL	10503 EVERGREEN STREET	BAYTOWN	TX	77520
I5	P131	42685	220	REYES JESSICA & SAMUEL	10507 EVERGREEN STREET	BAYTOWN	TX	77523
I5	P132	42686	221	HILL ANTRANETTE DANSHELLE & GOBERT TIANA JANE	10511 EVERGREEN ST	BAYTOWN	TX	77523
I5	P133	42687	224	RODRIGUEZ JAVIER	10515 EVERGREEN ST	BAYTOWN	TX	77521
I5	P134	42688	225	CREEKS KENNETH	10519 EVERGREEN ST	BAYTOWN	TX	77523
I5	P135	42689	228	MCMILLIAN MELISSA TOUPS	10523 EVERGREEN ST	BAYTOWN	TX	77523
I5	P136	44449	229	SMITH WINFORD & CAMILLA	10603 EVERGREEN ST	BAYTOWN	TX	77523
I5	P137	44448	230	CONAWAY JESSICA ANNE	10607 EVERGREEN ST	BAYTOWN	TX	77523
I5	P138	44447	231	HOWELL RAYMOND	10611 EVERGREEN STREET	BAYTOWN	TX	77523
I5	P139	44446	234	GUEVARA ALEX	10615 EVERGREEN ST	BAYTOWN	TX	77523
I5	P140	44445	237	CULPEPPER MARK J & MICHELLE M	10619 EVERGREEN STREET	BAYTOWN	TX	77523
I5	P141	44444	238	PEREZ MIGUEL & EULALIA	8326 SAND PLUM LANE	BAYTOWN	TX	77523
I5	P142	44431	243	STARLING PLEAS E & STEPHANIE	8327 LITTLEHIP HAWTHORN DR	BAYTOWN	TX	77523
I5	P143	44430	246	NICOLS CHARLES A & CHERYL	10703 MOCKERNUT ST	BAYTOWN	TX	77523
I5	P144	44429	247	NARANJO LETTICIA & ROCHA MARC	5324 LORRAINE DR	BAYTOWN	TX	77521
I5	P145	44428	249	LEWIS ANASTASIA Y & RICHARD W	10711 MOCKERNUT STREET	BAYTOWN	TX	77523
I5	P146	44427	251	DHOLLANDER SAM	10715 MOCKERNUT STREET	BAYTOWN	TX	77523
I5	P147	44426	252	SANCHEZ TONY LEE & LIZETT GARZA	10719 MOCKERNUT ST	BAYTOWN	TX	77523

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SEGMENT(S)	MAP ID	PARCEL ID	HABITABLE STRUCTURE [1]	OWNER NAME	MAILING ADDRESS	CITY	STATE	ZIP
I5	P148	44424	255	MOREHEAD KENNETH R	10723 MOCKER NUT ST	BAYTOWN	TX	77523
I5	P149	44425	256	DAVID GEMMA	10803 MOCKERNUT	BAYTOWN	TX	77523
I5	P150	44423	257	MAXWELL MICHAEL & SHANNON	2905 N MAIN ST	LIBERTY	TX	77575
I5	P151	44422	259	AYALA EUFEMIO & FRANCISCO	10811 MOCKERNUT	BAYTOWN	TX	77523
I5	P152	44421	261	HERNANDEZ REINIER CESPEDES	10815 MOCKERNUT ST	BAYTOWN	TX	77523
I5	P153	44419	262	CONDON GERALD L & MICHAEL WEEKS	2872 LUCCA COURT	LEAGUE CITY	TX	77573
I5	P154	44420	265	ANDRUS DAVID & ERICKA FODDERIE	10823 MOCKERNUT ST	BAYTOWN	TX	77523
E6, I5	P155	44418	266	GIBSON WILLIAM T & PATRICIA	8330 RUSTY BLACKHAW LANE	BAYTOWN	TX	77523
I5	P156	42717	191	DAVIS STEVEN W & PAMELA KAY	10306 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P157	42716	193	FLORES CESAR JR & ESMERALDA	10310 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P158	42715	195	REY JERRY	10314 PONDEROSA PINE ST	BAYTOWN	TX	77523
I5	P159	42714	197	PONDEROSA PINES 518 LLC	P O BOX 593	HUFFMAN	TX	77336
I5	P160	42713	199	VALENCIA JOSE & JACQUELINE	10322 PONDAROSA PINE ST	BAYTOWN	TX	77523
I5	P161	42705	203	COLBURN ROBERT K & MERYL ANN	8318 SPRUCE LANE	BAYTOWN	TX	77523
I5	P162	42704	209	HUSSAIN SYED & YASMIN	8319 SYCAMORE LANE	BAYTOWN	TX	77523
I5	P163	42706	204	CHAVEZ ALFREDO MUJICA	8326 SAND PLUM LN	BAYTOWN	TX	77523
I5	P164	42703	208	MATHIS-JONES KEISHA	8315 SYCAMORE LN	BAYTOWN	TX	77523
I5	P165	42671	212	BEVILL GEORGE & SAVANNAH P SHADE	8322 SYCAMORE LANE	BAYTOWN	TX	77523
I5	P166	42682	216	MARTINEZ OSCAR & JANE	8323 SILVER FIR LANE	BAYTOWN	TX	77523
I5	P167	42672	213	TRAN RINGO T	PO BOX 412	SPRING	TX	77383
I5	P168	42681	217	LOPEZ ALEJANDRO	8319 SILVER FIR LANE	BAYTOWN	TX	77523
I5	P169	42673	214	RAYMOND WALTER & THOMAS CHERYL	PO BOX 2454	MONT BELVIEU	TX	77580
I5	P170	42680	218	MORENO ALFONSO & CATALINA	107 FOURTH ST	LIBERTY	TX	77575
I5	P171	42699	223	WADE ALLISON N & NICHOLAS D	8318 SILVER FIR LN	BAYTOWN	TX	77523
I5	P172	42690	226	MEDINA JUAN & BRENDA	8319 WHITE WILLOW LANE	BAYTOWN	TX	77523
I5	P173	42698	222	MENDOZA JOSEPH I & LINDA Y	8314 SILVER FIR LN	BAYTOWN	TX	77523
I5	P174	42691	227	WARREN WALTER (ESTATE OF)	18726 REMINGTON PARK DR	HOUSTON	TX	77073
I5	P175	44450	233	STEWART GREGORY W & KIMBERLY D	8318 WHITE WILLOW LN	BAYTOWN	TX	77523
I5	P176	44461	235	RAAYMAKERS AMY	8319 SAND PLUM LN	BAYTOWN	TX	77523
I5	P177	44451	232	BOJORGE ANA LILIANA ENCISO	8314 WHITE WILLOW LANE	BAYTOWN	TX	77523
I5	P178	44460	236	COX LISA MICHELE	8315 SAND PLUM LN	BAYTOWN	TX	77523
I5	P179	44443	239	MARTINEZ SANDRA	8322 SAND PLUM LN	BAYTOWN	TX	77523

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I5	P180	44432	242	GORDO YORDANKY ALMAGUER & ELIZA SOFIA	8323 LITTLEHIP HAWTHORN DR	BAYTOWN	TX	77523
I5	P181	44442	240	COLLINS JOHN M & LARREE A SCARBROUGH	8318 SAND PLUM LN	BAYTOWN	TX	77523
I5	P182	44433	244	CEPEDA ALEXIS & GLATFELTER SARAH ALYSE	8319 LITTLEHIP HAWTHORNE	BAYTOWN	TX	77523
I5	P183	44441	241	TANKSLEY SHANE W & ANGELINA	8314 SAND PLUM LN	BAYTOWN	TX	77523
I5	P184	44434	245	FALCON ISAAC LUIS	8315 LITTLEHIP HAWTHORN DR	BAYTOWN	TX	77523
I5	P185	44462	248	PRUNEDA PORFIRIO JR & GRISELDA	12 SILVERTHORN COURT	SIMPSONVILLE	SC	29681
I5	P186	44471	253	ROBINSON JEAN DEBORAH	2723 STEEPLE ROCK DR	FREDERICK	CO	80516
I5	P187	44463	250	RODRIGUEZ RAMON	8314 LITTLEHIP HAWTHORN DR	BAYTOWN	TX	77523
I5	P188	44470	254	PARKER DOUGLAS L	8315 LOTEBUSH LANE	BAYTOWN	TX	77523
I5	P189	44472	258	REED ALVIN	8318 LOTEBUSH	BAYTOWN	TX	77523
I5	P190	44481	263	SENNET ROBERT JR & JANET MARIE	8323 RUSTY BLACKHAW LN	BAYTOWN	TX	77523
I5	P191	44473	260	HOLLISTER JASON DOUGLAS	8314 LOTEBUSH LN	BAYTOWN	TX	77523
I5	P192	44480	264	COTE CAROLYN	340 ILFREY	BAYTOWN	TX	77520
I5	P193	44417	267	STURHAN MATTHEW & MONICA FLORES	10603 SARATOGA SQUARE	MISSOURI CITY	TX	77459
I5		57057		STURHAN STEVEN & MARGUERITTE	10603 SARATOGA SQUARE	MISSOURI CITY	TX	77459
I5	P194	44416	268	ROSAS JESUS A & GISELA	8322 RUSTY BLACKHAW LN	BAYTOWN	TX	77523
I5	P195	44415	269	HERNANDEZ MARIO & KASSANDRA	8318 RUSTY BLACKHAW	BAYTOWN	TX	77523
I5	P196	20666		DIAMOND SHAMROCK REFNG & MKTG	PO BOX 4018	HOUSTON	TX	77210
E6, I5	P197	3947		DIAMOND SHAMROCK	PO BOX 4018	HOUSTON	TX	77210
E6, I4, I5	P198	62034		CHAMBERS COUNTY	PO BOX 939	ANAHUAC	TX	77514
E5, I4	P199	9967		GOOSE CREEK ISD	P.O. BOX 30	BAYTOWN	TX	77522
E5, I3, I4, K6	P200	24775		FONTENOT RICKY	10740 OLD NEEDLEPOINT RD	BAYTOWN	TX	77523
E4, I2, I3, K5, K6	P201	16219		ANGEL BROTHERS ENTERPRISES LTD	PO BOX 570	BAYTOWN	TX	77522
I2, K5	P202	30042		ANGEL BROTHERS ENTERPRISES LTD	PO BOX 570	BAYTOWN	TX	77522
I2	P203	26638	179	NAVEJAR JOSE MARTIN	19830 SAN JUAN PL	BAYTOWN	TX	77523
I2	P204	60361	180	NAVEJAR RICARDO	19830 SAN JUAN PLACE	BAYTOWN	TX	77523
I2	P205	52583		COWBOYS SERVICES INC	24015 INTERSTATE 10	WALLISVILLE	TX	77597
I2	P206	8657		WEST CHAMBERS COUNTY DEV CO	PO BOX 749	MONT BELVIEU	TX	77580
I1, I2, K4	P207	15329		WEST CHAMBERS COUNTY DEV CO	PO BOX 749	MONT BELVIEU	TX	77580

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I1, I2, K4	P208	52203		MARTINEZ EMIDIO & CARMELA	2415 GLADIOLA	HIGHLANDS	TX	77562
I1	P209	52153	178	MARTINEZ EMIDIO & CARMELA	2415 GLADIOLA	HIGHLANDS	TX	77562
I1	P210	8692		FONTENOT RICKY	10740 OLD NEEDLEPOINT RD	BAYTOWN	TX	77523
I1	P211	29441	171, 172	FONTENOT RICKEY	10740 OLD NEEDLEPOINT RD	BAYTOWN	TX	77523
		34511		FONTENOT RICKEY	10740 OLD NEEDLEPOINT RD	BAYTOWN	TX	77523
I1	P212	20067	173, 177	FONTENOT RICKY	10740 OLD NEEDLEPOINT RD	BAYTOWN	TX	77523
		32480		FONTENOT RICKY	10740 OLD NEEDLEPOINT RD	BAYTOWN	TX	77523
I1	P213	6496		SPEER PROPERTIES INC	PO BOX 265	MONT BELVIEU	TX	77580
I1	P214	25153		FONTENOT RICHARD DALE	19610 NEEDLEPOINT ROAD	BAYTOWN	TX	77523
I1	P215	20887		CHAMBERS-LIBERTY CO NAV DIS	PO BOX 518	ANAHUAC	TX	77514
H2, I1, K2, K3	P216	15328		CHAMBERS-LIBERTY CO NAV DIS	PO BOX 518	ANAHUAC	TX	77514
M3, K3, M2, M11, N21	P217	4371	270	FOUNTAIN ROBERT JOSEPH	19510 NEEDLEPOINT RD	BAYTOWN	TX	77523
K1, L2	P218	58264		MERITAGE HOMES OF TEXAS LLC	3250 BRIARPARK #100	HOUSTON	TX	77042
A4	P219	63047	274	SEVERINO CESAR A & GRACIELA J	8039 BROOKS CROSSING	BAYTOWN	TX	77521
A4	P219.1	63055	273.2	CASTLEROCK COMMUNITIES LP	2401 FOUNTAIN VIEW DR STE 215	HOUSTON	TX	77057
A4	P219.2	63046	273.1	ANGLIA HOMES LP	1575 SAWDUST RD #500	SPRING	TX	77380
A4	P220	63054	273	IGHO INNOCENT EFE	8038 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P221	14627		LYNNWOOD ESTATES HOMEOWNERS ASSOCIATION INC	1849 KINGWOOD DR SUITE 103	HOUSTON	TX	77339
A4	P222	57691	275	WILLIAMSON JAVAN & JILL	8027 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P223	57690	272	DANIEL NICKLOUS M & JESSICA C	10003 STONE BRIAR DR	BAYTOWN	TX	77521
A4	P224	57689	271	PADILLA RONALD IVAN	10007 STONE BRIAR DR	BAYTOWN	TX	77521
A4	P225	63045	276	GOMEZ OMAR L SR & ADRIANA	8034 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P226	63048	280	GARCIA MARK A & VIRGINIA A	8031 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P227	63053	278	CRUZ CINTHIA N LAGOS & LUIS A GARCIA AND	8030 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P228	57692	277	RAMIREZ ROGER	405 SCOTT ST	BAYTOWN	TX	77520
A4	P229	63057	283	GARZA CARLOS	8027 BROOKS CROSSING	BAYTOWN	TX	77521
A4	P229.1	63044	283.1	ANGLIA HOMES LP	1575 SAWDUST RD #500	SPRING	TX	77380
A4	P230	63049	285	DRAZKOWSKI DAKOTA G & STACY L	8023 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P231	63052	282	DURAN LUIS C & ROSEMARY C	8022 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P232	57693	279	PATEL KISHEN V	8019 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P233	63058	288	TORRES CHELSIE ELLISSE	8019 BROOKS CROSSING	BAYTOWN	TX	77521
A4	P234	63043	286	PEREZ JOSEPH CRAIG & TORRES REBECCA	8018 BROOKS CROSSING	BAYTOWN	TX	77521

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DIRECTLY AFFECTED LANDOWNER LIST INCLUDING HABITABLE STRUCTURES

SEGMENT(S)	MAP ID	PARCEL ID	HABITABLE STRUCTURE [1]	OWNER NAME	MAILING ADDRESS	CITY	STATE	ZIP
A4	P235	57694	281	CORNER KC & DONNELL SR	8015 WOOD HOLLOW	BAYTOWN	TX	77521
A4	P236	63050	290	PEREZ NATALI & MARYLYN J PALAO MORENO	8015 BROOKS CROSSING DR	BAYTOWN	TX	77523
A4	P237	63051	289	CASTLEROCK COMMUNITIES LP	2401 FOUNTAIN VIEW DR STE 215	HOUSTON	TX	77057
A4	P238	57695	284	HODGES JOSHUA	8011 WOOD HOLLOW DRIVE	BAYTOWN	TX	77521
A4	P239	63042	292	ASIF WAJAHAT	8010 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P240	57696	287	MASON HARLEIGH S & ANDRUS FONTENOT II	8007 WOOD HOLLOW DRIVE	BAYTOWN	TX	77521
A4	P241	63059	295	IACOVIELLO REBECCA JEAN	8007 BROOKS CROSSING DR	BAYTOWN	TX	77523
A4	P242	63041	294	SANDOVAL JESSICA	8006 BROOKS CROSSING	BAYTOWN	TX	77521
A4	P243	57697	291	PENA MARLEN	8003 WOOD HOLLOW	BAYTOWN	TX	77521
A4	P244	63060	298	FISHER DENNIS JR	8003 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P245	63040	297	IDARRAGA ESTEBAN OTALVARO	8002 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P246	57698	293	DE LA CRUZ RAUL & PITSANE	7943 WOOD HOLLOW	BAYTOWN	TX	77521
A4	P247	57699	296	FAYLE BLAKE A	7939 WOOD HOLLOW DRIVE	BAYTOWN	TX	77521
A4	P247.1	63039	298.1	ANGLIA HOMES LP	1575 SAWDUST RD #500	SPRING	TX	77380
A4	P247.2	63038	298.2	ORTA CRISTINA	7926 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P248	57700	299	ROCHA PEDRO A	7935 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P249	63037	302	ORTEGA OSEAS & FERNANDA A	7922 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P250	57701	300	ANDREWS ELIJAH R & MADISON KING	7931 WOOD HOLLOW	BAYTOWN	TX	77523
A4	P251	63077	307	ANGLIA HOMES LP	1575 SAWDUST RD #500	SPRING	TX	77380
A4	P251.1	63036	305.1	ANGLIA HOMES LP	1575 SAWDUST RD #500	SPRING	TX	77380
A4	P251.2	63035	305.2	ANGLIA HOMES LP	1575 SAWDUST RD #500	SPRING	TX	77380
A4	P252	57702	301	HODGES KENNETH	7927 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P253	57703	303	ADAMS CHARLES & ELIZABETH ANN	7923 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P254	56748	306	PARSONS ANGELIQUE & JASON	7910 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P255	57704	304	SPENCER QUINCY L & GREEN TINA	7919 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P256	56809	312	TREJO PEDRO & RAQUEL	9923 WOOD WIND CT	BAYTOWN	TX	77521
A4	P257	56749	309	CORONA DANIEL	6310 N HIGHWAY 146 UNIT#132	BAYTOWN	TX	77523
A4	P258	57705	305	ALBARRAN JOSHUA & PALACIOS LOURDES	7915 WOOD HOLLOW	BAYTOWN	TX	77521
A4	P259	56758	311	FRAZIER LEHUA & BOYD AISHA	7902 BROOKS CROSSING	BAYTOWN	TX	77523
A4	P260	57706	308	GONZALEZ ALFONSO GARCIA	7911 WOOD HOLLOW	BAYTOWN	TX	77523
A4	P261	56757	314	CARDENAS JOSE ROBERTO & RAMIREZ MANUELITA	7842 BROOKS CROSSING	BAYTOWN	TX	77523

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ATTACHMENT 6
DIRECTLY AFFECTED LANDOWNER LIST INCLUDING HABITABLE STRUCTURES

SEGMENT(S)	MAP ID	PARCEL ID	HABITABLE STRUCTURE [1]	OWNER NAME	MAILING ADDRESS	CITY	STATE	ZIP
A4	P262	57707	310	MOORE PAUL MICHAEL	7907 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P263	56795	320	SANTIBANEZ MICHELLE	9922 WOOD WIND CT	BAYTOWN	TX	77521
A4	P264	56756	316	GAUD ALVIN	7838 BROOKS CROSSING	BAYTOWN	TX	77523
A4	P265	57708	313	RICE KATHERINE NICOLE & JACOB ALEXANDER	7903 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P266	56755	319	GOMEZ SONITA M	7834 BROOKS CROSSING	BAYTOWN	TX	77523
A4	P267	57709	315	JENKINS NATHASHA DANIELLE	7839 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P268	56754	321	CORONA ARTHUR	7830 BROOKS CROSSING	BAYTOWN	TX	77523
A4	P269	57710	317	MEYER CHASE LOREN	7835 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P270	56785	326	LUMBRERAS FRANCISCO & STACY LEIGH	7802 JARROD WAY	BAYTOWN	TX	77523
A4	P271	56753	323	MARTINEZ HUGO ENRIQUE	7826 BROOKS CROSSING DR	BAYTOWN	TX	77523
A4	P271.1	57711	318	HERNANDEZ KEVIN A & FAYTH F DELGADO	7831 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P272	56752	325	AGUILERA MIGUEL A & MARISSA R	7822 BROOKS ROSSING CIR	BAYTOWN	TX	77523
A4	P273	46108		LYNNWOOD HOMEOWNERS ASSOCIATION INC	1849 KINGWOOD DR SUITE 103	HOUSTON	TX	77339
A4	P274	46167	322	MENDOZA-CISNEROS NOE & MENDOZA NOE G	7827 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P275	56751	328	NEAL MAJAYLYN L & NASIA BELL	7818 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P276	46168	324	BROSSACK CHRISTOPHER & TOMMI	7823 WOOD HOLLOW DRIVE	BAYTOWN	TX	77523
A4	P277	56769	333	CAMACHO REINALDO DIAZ & ENCHAUTEGUI JEAN TEXIDOR	7803 JARROD WAY	BAYTOWN	TX	77521
A4	P278	56750	330	WILSON GEORGE M & PAMELA D	7814 BROOKS CROSSING DR	BAYTOWN	TX	77523
A4	P279	46169	327	BENNETT DAMON WAYNE	7819 WOOD HOLLOW DRIVE	BAYTOWN	TX	77521
A4	P280	56747	332	LEE STEVEN & CORA	7810 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P281	46170	329	SMITH SAMANTHA	7815 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P282	46201	338	RUSSELL BRANDON B & KATHERINE A	9927 LYNWOOD DR	BAYTOWN	TX	77521
A4	P283	46195	335	THOMPSON TAYLOR LEIGH & GARCIA LUIS GABRIEL	7806 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P284	46171	331	GRAHAM TONI RENEE	7811 WOOD HOLLOW DR	BAYTOWN	TX	77521
A4	P285	46172	334	MENA JENNIFER & CHRISTOPHER	7807 WOOD HOLLOW DRIVE	BAYTOWN	TX	77521
A4	P286	46194	337	TAMEZ JAMES E & GABRIELA	7802 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P287	46173	336	JONES TERRENCE V & SHONDALYN S	7803 WOOD HOLLOW DRIVE	BAYTOWN	TX	77521

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SEGMENT(S)	MAP ID	PARCEL ID	HABITABLE STRUCTURE [1]	OWNER NAME	MAILING ADDRESS	CITY	STATE	ZIP
A4	P288	46188	343	VANCLEAVE CHELSEA L & HULETT ROBERT	9926 LYNNWOOD DRIVE	BAYTOWN	TX	77521
A4	P289	46174	339	RHEA GREGORY D	7722 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P290	46175	345	MARTINEZ ROSARIO TORRES & FIGUEROA LAURA C	7718 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P291	46109		LYNNWOOD HOMEOWNERS ASSOCIATION INC	1849 KINGWOOD DR SUITE 103	HOUSTON	TX	77339
A4	P292	46127	344	GONZALES SAMUEL S & DANIELLE L	10002 LYNWOOD DR	BAYTOWN	TX	77521
A4	P292.1	46126	342	HENDERSON KEISHA & DAVID	10006 LYNNWOOD DR	BAYTOWN	TX	77521
A4	P293	46125	341	BERNARD AH KEE SHA	10010 LYNNWOOD DR	BAYTOWN	TX	77521
A4	P294	46124	340	CHILDRESS TWILLA	10014 LYNNWOOD DRIVE	BAYTOWN	TX	77521
A4	P295	46187	349	FERGUSON JASON TERRY	9915 ASHLEY LANE	BAYTOWN	TX	77521
A4	P296	46176	346	PERESHKURA VALERII	7714 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P297	46177	347	SANTANA RODNEY JR & MARIA	7710 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P298	46178	348	VARNADO EFREM DION SR	7706 BROOKS CROSSING DR	BAYTOWN	TX	77521
A4	P299	46182	351	MARTINEZ JOSE ORTIZ	9914 ASHLEY LN	BAYTOWN	TX	77521
A4	P300	46181	352	BOENEKE ROBERT D & TONI B	9918 ASHLEY LANE	BAYTOWN	TX	77521
A4	P301	46180	350	CHAVEZ PASCUAL	9922 ASHLEY LANE	BAYTOWN	TX	77521
A4	P302	20773		UNION PACIFIC RAILROAD CO	1400 DOUGLAS STREET, STOP 1640	OMAHA	NE	68179
A4	P303	12919		LIVING HOPE CHURCH OF GOD	7611 N HIGHWAY 146	BAYTOWN	TX	77523
P4	P304	49234		CHAMBERS COUNTY	P O BOX 939	ANAHUAC	TX	77514
K5, K6, M41, M5, N41, N42, N5, O31, P4	P305	36256		ANGEL BROTHERS ENTERPRISES LTD	PO BOX 570	BAYTOWN	TX	77522
K3, K4, M2, M3, M41, M42, N31, N32, N33, O31, O32, O33	P306	53773		ANGEL BROTHERS PROPERTIES LLC	5210 WEST ROAD	BAYTOWN	TX	77521
M2	P307	2793		CIWA				
L2, M11, M12, M13, M2, N21, N23	P308	51254		KILGORE BUSINESS LLC	14242 JAUBERT COURT	SUGARLAND	TX	77498
P1	P309	61324	394	KILGORE SOUTHWINDS LLC	PO BOX 430	KEMAH	TX	77565
P4	P310	51560		CHAMBERS COUNTY	P O BOX 939	ANAHUAC	TX	77514

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SEGMENT(S)	MAP ID	PARCEL ID	HABITABLE STRUCTURE [1]	OWNER NAME	MAILING ADDRESS	CITY	STATE	ZIP
O31, O32, O33	P311	49308		CHAMBERS COUNTY	P O BOX 939	ANAHUAC	TX	77514
P4	P312	14599		SEADRIFT P/L CORP-PROP TAX SEC	332 SH 332 EAST	LAKE JACKSON	TX	77566
		17177		MIDCON TEXAS PIPELINE CORP	500 DALLAS ST SUITE 1000	HOUSTON	TX	77002
		20513		MIDCON TEXAS PIPELINE CORP	500 DALLAS ST SUITE 1000	HOUSTON	TX	77002
		33623		MIDCON TEXAS PIPELINE CORP	500 DALLAS ST SUITE 1000	HOUSTON	TX	77002
P4	P313	36256		ANGEL BROTHERS ENTERPRISES LTD	PO BOX 570	BAYTOWN	TX	77522
A4	P314	12973	353	MOWRY KENNETH P & DEBORAH J	7414 MAPLE	BAYTOWN	TX	77521
A4	P315	6621	354	GUINN FRED O	7406 MAPLE LN	BAYTOWN	TX	77521
A4	P316	13416	355	RIVERA DAVID	7402 MAPLE LN	BAYTOWN	TX	77521
A4	P317	9028	356	TEJEDA VICTOR H	7322 MAPLE LN	BAYTOWN	TX	77521
A4	P318	24415		CITY OF BAYTOWN	BOX 424	BAYTOWN	TX	77522
A4	P319	12913	358	FITZPATRICK BRYAN & TONYA	10031 SWEET GUM	BAYTOWN	TX	77521
A4	P320	4661	357	FLORES MIKE JR	616 W MURRILL AVE	BAYTOWN	TX	77520
A4	P321	1521	359	TURMAN CARL A	7314 MAPLE LANE	BAYTOWN	TX	77521
A4	P322	1175	361	OLSEN JASON & NATALIE	10030 SWEET GUM LN	BAYTOWN	TX	77521
A4	P323	14959	360	PINA VICTOR HUGO MARIN	7310 MAPLE LN	BAYTOWN	TX	77521
A4	P324	19257	362	NETTLES JAMIE L & DARRIAN MICHELLE DEVILLE	7306 MAPLE LN	BAYTOWN	TX	77521
A4	P325	19253	363	GARCIA RENE JR	7302 MAPLE LN	BAYTOWN	TX	77521
A4	P326	13773	365	RICKETSON CECELIA	10030 PINEHURST	BAYTOWN	TX	77521
A4	P327	1460	364	HOLT JUSTIN T	7214 MAPLE LN	BAYTOWN	TX	77521
A4	P328	28086		CITY OF BAYTOWN	BOX 424	BAYTOWN	TX	77522
A4	P329	20527	369	CITY OF BAYTOWN	BOX 424	BAYTOWN	TX	77522
A4	P330	7177	366	RAMIREZ RONIE & ALONDRA R SALINAS	7210 MAPLE LN	BAYTOWN	TX	77521
A4	P331	7831	367	HOFMEISTER RANDY C & TERESA	10031 BAYOU WOODS	BAYTOWN	TX	77521
A4	P332	7620	368	CADOR ALCIDE W	17207 MARQUETTE POINT LN	HUMBLE	TX	77346
A4	P333	17413	370	MCKOWEN LORIE L	7202 MAPLE LANE	BAYTOWN	TX	77521
A4	P334	14661	371	MARROQUIN KARLA	10034 BAYOU WOODS	BAYTOWN	TX	77521
A4	P335	234	374	KUTACH ROBERT J III	7123 SONORA	BAYTOWN	TX	77521
A4	P336	17788	373	MONTGOMERY LANNA D	7127 SONORA STREET	BAYTOWN	TX	77521
A4	P337	477	372	SHAMBLIN JUSTIN LAMAR & ADDIE MARIE NESSLINE	7126 SONORA	BAYTOWN	TX	77521
A4	P338	49024		PATEL NIRANJAN S TRUSTEE	7039 GREATWOOD TRAILS CT	SUGAR LAND	TX	77479
A4	P339	476	375	CAUDLE JACK A & ASHLEY J IRVINE	7122 SONORA ST	BAYTOWN	TX	77521

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SEGMENT(S)	MAP ID	PARCEL ID	HABITABLE STRUCTURE [1]	OWNER NAME	MAILING ADDRESS	CITY	STATE	ZIP
A4	P340	13002	376	ROBINSON STERLING	7118 SONORA	BAYTOWN	TX	77521
A4	P341	14508	380	SCHNEIDER VITA	3402 STONE IVORY CT	SPRING	TX	77388
A4	P342	478	378, 379	MCWATTERS JOHN CARL	10111 EL CHACO	BAYTOWN	TX	77521
A4	P343	49025	377	HIGHWAY 146 PROPERTIES INC	14114 JADE MEADOW CT	HOUSTON	TX	77062
A4	P344	80	381	LEDWIG JOHN F & JANELL	16223 TAFFRAIL WAY	CROSBY	TX	77532
A4	P345	79	383	LAGRONE STUART ROSS & KASSIE LEANN	10110 EL CHACO ST	BAYTOWN	TX	77521
A4	P346	75		PINEHURST HOMEOWNERS ASSOC INC	P O BOX 2091	BAYTOWN	TX	77522
A4	P347	33636		CENTERPOINT ENERGY INC	P O BOX 1475	HOUSTON	TX	77251
S3	P348	10870	382, 384, 386	INTERNATIONAL GROUP INC THE	1007 EAST SPRING ST	TITUSVILLE	PA	16354
S3	P349	21414		UNION PACIFIC RAILROAD CO	1400 DOUGLAS STREET, STOP 1640	OMAHA	NE	68179
Q1	P350	14949	391	HERNANDEZ JESUS C	7322 HWY 146	BAYTOWN	TX	77523
		21826		HERNANDEZ JESUS C	7322 HWY 146	BAYTOWN	TX	77523
Q1	P351	17175	392	MIDCON TEXAS PIPELINE CORP	500 DALLAS ST SUITE 1000	HOUSTON	TX	77002
Q1	P352	17538	393	WALLACE WILLIAM O JR	PO BOX 808	MONT BELVIEU	TX	77580
Q1	P353	50490		WALLACE W O JR & JEAN	5430 HWY 146	BAYTOWN	TX	77523
		50606		WALLACE W O JR & JEAN	5430 HWY 146	BAYTOWN	TX	77523
P1, P2, P3, P4, Q1	P354	17541		WALLACE WILLIAM O JR	PO BOX 808	MONT BELVIEU	TX	77580
P4	P355	45987	395	HSC PIPELINE PARTNERSHIP LLC	PO BOX 4018	HOUSTON	TX	77210
A4, S3	P356	51087	390	EAGLE POINT VENTURE LLC	1470 FIRST COLONY BLVD SUITE# 100	SUGAR LAND	TX	77479
A4, S3	P357	8014		CENTERPOINT ENERGY INC	P O BOX 1475	HOUSTON	TX	77251
		33636		CENTERPOINT ENERGY INC	P O BOX 1475	HOUSTON	TX	77251
S3	P358	33968		INTERNATIONAL GROUP INC THE	1007 EAST SPRING ST	TITUSVILLE	PA	16354
A4, S3	P359	48099	388, 389	CONSORT LIVESTOCK INC	7100 N HIGHWAY 146	BAYTOWN	TX	77523
S3	P360	38440	385, 387	JCG REAL ESTATE LLC	6319 SJOLANDER ROAD	BAYTOWN	TX	77521
Q1, Q2, R2, S3	P361	51576		CHAMBERS COUNTY LOGISTICS TERMINAL	PO BOX 1356	LAPORTE	TX	77572
Q2, R2	P362	57040		CHAMBERS COUNTY	P O BOX 939	ANAHUAC	TX	77514
Q1	P363	13813		BRISCOE DONALD R & TINA M	12802 FM 2354	BAYTOWN	TX	77523
Q1	P364	17183		MIDCON TEXAS PIPELINE CORP	500 DALLAS ST SUITE 1000	HOUSTON	TX	77002
Q2	P365	13240		CHAMBERS COUNTY	PO BOX H	ANAHUAC	TX	77514

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SEGMENT(S)	MAP ID	PARCEL ID	HABITABLE STRUCTURE [1]	OWNER NAME	MAILING ADDRESS	CITY	STATE	ZIP
Q2	P366	61779		CHAMBERS COUNTY LOGISTICS TERMINAL	PO BOX 1356	LAPORTE	TX	77572
Q2	P367	7649		RIDENOUR MARY K & EDWARDS ELIZABETH	15475 LA HWY 16	FRENCH SETTLEMENT	LA	70733
Q2	P368	61780		CHAMBERS COUNTY LOGISTICS TERMINAL	PO BOX 1356	LAPORTE	TX	77572
Q2	P369	55993		CHAMBERS COUNTY LOGISTICS TERMINAL	PO BOX 1356	LAPORTE	TX	77572
Q2	P370	4337		CHAMBERS COUNTY	PO BOX H	ANAHUAC	TX	77514
Q2	P371	61781		CHAMBERS COUNTY LOGISTICS TERMINAL	PO BOX 1356	LAPORTE	TX	77572
P2, P3, Q2	P372	11397		CHAMBERS COUNTY	P O BOX 939	ANAHUAC	TX	77514
Q2	P373	8939		CHAMBERS COUNTY LOGISTICS TERMINAL	PO BOX 1356	LAPORTE	TX	77572
		31024		HSC PIPELINE PARTNERSHIP LLC	1100 LOUISIANA ST, STE 1000	HOUSTON	TX	77002

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ATTACHMENT 6

KILGORE SUBSTATION FIG AFFECTED LANDOWNER MAP

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ATTACHMENT 7

Written Direct Notice to Landowners

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Application of CenterPoint Energy Houston Electric, LLC to Amend a Certificate of Convenience and Necessity for a Proposed 138 kV Transmission Line within Chambers County, Texas

PUBLIC UTILITY COMMISSION OF TEXAS DOCKET NO. 55365

This notice is provided to inform you of CenterPoint Energy Houston Electric, LLC's (CenterPoint Energy) intent to construct a 138 kilovolt (kV) double-circuit transmission line from CenterPoint Energy's existing transmission line that crosses SH146, about 0.6 miles due north of I-10 to one of the proposed substation sites; located on the east side of Needlepoint Rd and north of Kilgore Parkway (29°48'27.84"N, 94°52'8.25"W) or north of Kilgore Parkway ¾ mile east of the Grand Parkway (29°48'27.21"N, 94°52'47.03"W). The proposed transmission line will be approximately 2.27 to 5.66 miles long depending upon the route certificated by the Public Utility Commission of Texas (PUC). The estimated cost of this project ranges from approximately $59,741,000 to $98,779,000

If you have questions about the transmission line, you can visit our Kilgore Substation project website at https://www.centerpointenergy.com/kilgoresubstation, contact Mr. Wes Padgett at (713) 207-6490, or e-mail kilgoresubstation@centerpointenergy.com.

All routes and route segments included in this notice are available for selection and approval by the Public Utility Commission of Texas.

The enclosed brochure entitled "Landowners and Transmission Line Cases at the PUC" provides basic information about how you may participate in this docket, and how you may contact the PUC. Please read this brochure carefully. The brochure includes sample forms for making comments and for making a request to intervene as a party in this docket. ***The only way to fully participate in the PUC's decision on where to locate the transmission line is to intervene in the docket. It is important for an affected person to intervene, because the utility is not obligated to keep affected persons informed of the PUC's proceedings and cannot predict which route may or may not be approved by the PUC.***

In addition to the contacts listed in the brochure, you may call the PUC's Customer Assistance Hotline at (888) 782-8477. Hearing- and speech-impaired individuals with text telephones (TTY) may contact the PUC's Customer Assistance Hotline at (512) 936-7136 or toll free at (800) 735-2989.

Pursuant to Commission Order No. 1 in this docket, issued August 16, 2023, the deadline to file a motion in this proceeding is 30 days from the date CenterPoint Energy filed its application. CenterPoint Energy filed its application on August 30, 2023. Accordingly, the deadline for intervention in the docket is September 29, 2023, and the PUC should receive a letter from anyone requesting intervention by that date.

Mail the request for intervention and 10 copies of the request to:

Public Utility Commission of Texas
Central Records
Attn: Filing Clerk
1701 N. Congress Ave.
P.O. Box 13326
Austin, Texas. 78711-3326

Persons who wish to intervene in the docket must also mail a copy of their request for intervention to all parties in the docket and all persons that have pending motions to intervene, at or before the time the request for intervention is mailed to the PUC. In addition to the intervention deadline, other important deadlines

may already exist that affect your participation in this docket. You should review the orders and other filings already made in the docket. The enclosed brochure explains how you can access these filings.

Enclosures: Route Descriptions
Notice Map
Landowners and Transmission Line Cases at the PUC
State of Texas Landowner Bill of Rights
Comment Form
Request to Intervene Form

CenterPoint Energy Houston Electric, LLC
138 kV Kilgore Substation Project in
Chambers County
PUCT Docket No. 55365
Description of the Proposed Alternative Routes

CenterPoint Energy Houston Electric, LLC ("CenterPoint Energy") has filed an application with the Public Utility Commission of Texas ("PUC") to obtain a Certificate of Convenience and Necessity ("CCN") to construct the proposed 138 kV Kilgore Substation Project in Chambers County, Texas. In its CCN application for this project, CenterPoint Energy has presented twenty alternative routes comprised of 76 segments for consideration by the PUC. The following table lists the link combinations that make up CenterPoint Energy's twenty alternative routes and the length of each alternative route in miles. **All routes and route links are available for selection and approval by the PUC. Only one multi-segment transmission line route will ultimately be constructed. Alternative Routes are not listed in any order of preference or priority.**

Proposed Alternative Route Number	Segment Composition	Length (Miles)
1	B1-C1-D2-E3-F2-G2-H1-K1-L2-M12-M13	3.27
2	B1-D3-E1-E2-F3-G3-H2-K2-K3-M2-M11-M13	2.93
3	B1-D3-E3-F1-F3-G3-H2-K2-K3-M2-N21-N23	2.75
4	B1-D3-E3-F2-G1-G3-H2-I1-K4-N31-N33	3.19
5	A1-B2-C2-C1-D1-E2-F3-G4-K1-L2-M12-M13	3.08
6	A1-B2-C3-C4-E4-K5-M5-M41-M42-M3-M2-M11-M13	2.69
7	A1-B2-C3-C4-E4-K5-M-M41-M42-N31-O33	2.27
8	A2-B3-B5-C4-E4-K5-N5-O31-O33	2.55
9	A2-B3-C5-D5-D4-E4-K5-M5-M41-M42-N31-N33	2.44
10	A2B3-C5-D5-E5-I3-I2-K4-N31-N33	2.49
11	A2-B3-C5-D5-E5-I3-K5-N5-O31-O33	2.50
12	A2-B3-C5-D5-E5-K6-N5-O31-O33	2.52
13	A2-B4-C6-D6-D5-D4-E4-K5-M15-M41-M42-M3-M2-N21-N23	2.99
14	A2-B4-C7-E6-I4-I3-I2-I1-K2-K3-M2-N21-N23	2.97
15	A3-A4-S3-Q1-P1-P4-N42-N41-M41-M42-M3-M2-N21-N23	5.42
16	A3-A4-S3-Q1-P1-P4-O31-O33	4.43
17	A3-A4-S3-Q1-P1-P4-O31-O33	4.55
18	A3-A4-S3-R2-Q2-P2-P1-P4-O31-O32-N32-N31-M3-M2-N21-N23	5.66
19	A3-A4-S3-R2-Q2-P3-P4-O31-O33	4.63
20	A3-I5-I3-I2-I1-K2-K3-M2-N21-N23	3.89

Note: All distances of the routes above are approximate and rounded to the nearest tenths of a mile. The distances of individual Segments described below are rounded to the hundredths of a mile and may not sum to the total length of route presented above due to rounding.

CenterPoint Energy Houston Electric, LLC
138 kV Kilgore Substation Project in
Chambers County
PUCT Docket No. 55365
Description of the Proposed Alternative Routes

The following narrative, along with the enclosed map, provides a detailed description of the Segments that form the twenty alternative routes for consideration by the PUC for the 138 kV Kilgore Substation Project.

Note: A "pipeline corridor", as referenced in the segment descriptions below, may contain more than one pipeline.

Link A1
Link A1 begins at an existing transmission line and proceeds in an east northeasterly direction approximately 80 feet to the intersection of Links A1 and B2. This segment crosses an existing transmission line.

Link A2
Link A2 begins at an existing transmission line and proceeds in a south southeasterly direction approximately 410 feet to an angle point. From this angle point, Link A2 proceeds in a southerly direction approximately 450 feet to an angle point. From this angle point, Link A2 proceeds in a southerly direction approximately 410 feet to an angle point. From this angle point, Link A2 proceeds in an east southeasterly direction for approximately 370 feet to the intersection of Links A2, B3, and B4.

Link A3
Link A3 begins at an existing transmission line and proceeds in a southwesterly direction approximately 160 feet. This segment of Link A3 crosses a highly volatile liquids pipeline, a refined liquids pipeline, a natural gas pipeline, and two existing transmission lines. From this angle point, Segment A3 proceeds in a southeasterly direction approximately 1,770 feet to an angle point. This segment of Link A3 crosses two highly volatile liquids pipelines. From this angle point, Link A3 proceeds in a southerly direction approximately 2,790 feet to the intersection of Links A3, A4 and I5. This segment of Link A3 crosses an unnamed stream, three highly volatile liquid pipelines, IH 10, and a natural gas pipeline and another unnamed stream.

Link A4
From the intersection of Links A3, A4, and I5, Link A4 proceeds in a southerly direction approximately 3,200 feet to an angle point. This segment of Link A4 crosses Old Needlepoint Road. From this angle point, Link A4 proceeds in a south southeasterly direction approximately 5,120 feet to the intersection of Links A4 and S3. This segment of Link A4 crosses an unnamed stream, Lynwood Drive, a highly volatile liquids pipeline, a railroad, Pinehurst Road, El Chaco Rd, two natural gas pipelines, a crude oil pipeline, and a highly volatile liquids pipeline.

Link B1
Link B1 begins at an existing transmission line and proceeds in an east northeasterly direction approximately 1,210 feet to a slight angle point. This segment of Link B1 crosses an unnamed stream. From this slight angle point, Link B1 proceeds in a northeasterly direction approximately 460 feet to an angle point. This segment of Link B1 crosses a crude oil pipeline,two highly volatile liquids pipelines and another gas pipeline. From this angle point, Link B1 proceeds in a southeasterly direction approximately 1,380 feet to the intersection of Links B1, C1, C2, and D3. This segment of Link B1 crosses an unnamed stream.

Link B2
From the intersection of Links A1 and B2, Link B2 proceeds in a south southeasterly direction approximately 330 feet to the intersection of Links B2, C2, and C3. Link B2 crosses Langston Drive.

Link B3
From the intersection of Links A2, B3, and B4, Link B3 proceeds in a south southeasterly direction approximately 770 feet to an angle point. This segment of Link B3 crosses an unnamed stream, two highly volatile liquid pipelines, and Langston Drive. From this angle point, Link B3 proceeds in a southeasterly direction approximately 520 feet to the intersection of Links B3, B5, and C5.

Link B4
From the intersection of Links A2, B3, and B4, Link B4 proceeds in a southerly direction approximately 640 feet to an angle point. This segment of Link B4 crosses an unnamed stream, two highly volatile liquid pipelines, and Langston Drive. From this angle point, Link B4 proceeds in a southwesterly direction for approximately 430 feet to an angle point. From this angle point, Link B4 proceeds in a south southeasterly direction approximately 1,100 feet to the intersection of Links B4, C6, and C7. This segment of Link B4 crosses IH 10.

Link B5 (bi-directional)
From the intersection of Links B5, C3, and C4, Link B5 proceeds in a west southwesterly direction approximately 560 feet to the intersection of Links B3, B5, and C5.

Link C1
From the intersection of Links B1, C1, C2, and D3, Link C1 proceeds in a northeasterly direction approximately 1,160 feet to the intersection of Links C1, D1, and D2. Link C1 crosses twelve highly volatile liquid pipelines, three natural gas pipelines, a crude oil pipeline, and another gas pipeline.

Link C2
From the intersection of Links B2, C2, and C3, Link C2 proceeds in a northeasterly direction approximately 1,970 feet to the intersection of Links B1, C1, C2, and D3. Link C2 crosses an unnamed stream, a crude oil pipeline, two highly volatile liquid pipelines, and another gas pipeline.

Link C3
From the intersection of Links B2, C2, and C3, Link C3 proceeds in a west southwesterly direction approximately 1,460 feet to an angle point. This segment of Link C3 crosses nine highly volatile liquid pipelines, one refined liquid product pipeline, an existing transmission line, and another gas pipeline. From this angle point, Link C3 proceeds in a south southeasterly direction approximately 550 feet to the intersection of Links B5, C3, and C4.

Link C4
From the intersection of Links B5, C3, and C4, Link C4 proceeds in a south southeasterly direction approximately 320 feet to an angle point. From this angle point, Link C4 proceeds in an easterly direction approximately 690 feet to an angle point. This segment of Link C4 crosses nine highly volatile liquid pipelines, 2 other gas pipelines, a natural gas pipeline, a crude oil pipeline, and a refined liquid product

pipeline. From this angle point, Link C4 proceeds in a south southeasterly direction approximately 970 feet to the intersection of Links C4, D4, and E4. This segment of Link C4 crosses IH 10.

Link C5

From the intersection of Links B3, B5, and C5, Link C5 proceeds in a south southeasterly direction approximately 250 feet to a slight angle point. From this slight angle point, Link C5 proceeds in a south southeasterly direction approximately 400 feet to a slight angle point. This segment of Link C5 crosses IH 10. From this slight angle point, Link C5 proceeds in a south southeasterly direction approximately 660 feet to the intersection of Links C5, D5, and D6. This segment of Link C5 crosses an unnamed stream.

Link C6

From the intersection of Links B4, C6, and C7, Link C6 proceeds in a south southeasterly direction approximately 600 feet to a slight angle point. From this slight angle point, Link C6 proceeds in a southeasterly direction approximately 390 feet to the intersection of Links C6 and Link D6. This segment of Link C6 crosses an unnamed stream.

Link C7

From the intersection of Links B4, C6, and C7, Link C7 proceeds in a south southeasterly direction approximately 1,060 feet to the intersection of Links C7 and E6. Link C7 crosses an unnamed stream.

Link D1

From the intersection of Links C1, D1, and D2, Link D1 proceeds in an east northeasterly direction approximately 390 feet to an angle point. From this angle point Link D1 proceeds in an east southeasterly direction approximately 610 feet to an angle point. This segment of Link D1 crosses Cedar Point Lateral. From this angle point, Link D1 proceeds in a south southeasterly direction approximately 1,030 feet to an angle point. From this angle point, Link D1 proceeds in a south southeasterly direction approximately 610 feet to the intersection of Links D1, E1, and E2. This segment of Link D1 crosses nine highly volatile liquid pipelines.

Link D2

From the intersection of Links C1, D1, and D2, Link D2 proceeds in a south southeasterly direction approximately 1,420 feet to an angle point. From this angle point, Link D2 proceeds in a southeasterly direction approximately 600 feet to the intersection of Links D2, D3, E1, and E3. This segment of Link D2 crosses seven highly volatile liquid pipelines.

Link D3

From the intersection of Links C1, C2, B1, and D3, Link D3 proceeds in a southeasterly direction for approximately 1,950 feet to an angle point. This segment of Link D3 crosses a crude oil pipeline, a natural gas pipeline, nine highly volatile liquid pipelines, and another gas pipeline. From this angle point, Link D3 proceeds east northeasterly direction approximately 1,200 feet to the intersection of Links D2, D3, E1, and E3. This segment of Link D3 crosses a highly volatile liquid pipeline and an unnamed waterbody.

Link D4 (bi-directional)
From the intersection of Links C4, D4, and E4, Link D4 proceeds in a westerly direction approximately 330 feet to an angle point. This segment of Link D4 crosses six highly volatile liquid pipelines, another gas pipeline, a natural gas pipeline, and a crude oil pipeline. From this angle point, Link D4 proceeds in a west, southwesterly direction approximately 440 feet to the intersection of Links D4, D5, and E5. This segment of Link D4 crosses four highly volatile liquid pipelines, another gas pipeline, a refined liquid product pipeline, and an unnamed stream.

Link D5
From the intersection of Links C5, D5, and D6, Link D5 proceeds in an east northeasterly direction approximately 340 feet to the intersection of Links D4, D5, and E5.

LinkD6
From the intersection of Links C6 and D6, Link D6 proceeds in an east northeasterly direction approximately 850 feet to the intersection of Links C5, D5, and D6.

Link E1
From the intersection of Links D2, D3, E1, and E3, Link E1 proceeds in an east northeasterly direction approximately 500 feet to the intersection of Links D1, E1, and E2. Link E1 crosses two highly volatile liquid pipelines and Cedar Point Lateral.

Link E2
From the intersection of Links D1, E1, and E2, Link E2 proceeds in a south southeasterly direction approximately 830 feet to an angle point. This segment of Link E2 crosses a natural gas pipeline. From this angle point, Link E2 proceeds in a southerly direction approximately 460 feet to the intersection of Links E2, F1, and F3.

Link E3
From the intersection of Links D2, D3, E1, and E3, Link E3 proceeds in a south southeasterly direction approximately 1,210 feet to the intersection of Links E3, F1, and F2. Link E3 crosses two highly volatile liquid pipelines.

Link E4
From the intersection of Links C4, D4, and E4, Link E4 proceeds in a south southeasterly direction approximately 1,150 feet to a slight angle point. This segment of Link E4 crosses an unnamed stream. From this slight angle point, Link E4 proceeds in a south southeasterly direction approximately 460 feet to a slight angle point. From this slight angle point, Link E4 proceeds in a south southeasterly direction approximately 290 feet to the intersection of Links E4, I2, I3, and K5. This segment of Link E4 crosses Old Needle Point Road.

Link E5
From the intersection of Links D4, D5, and E5, Link E5 proceeds in a south southeasterly direction approximately 1,520 feet to an angle point. From this angle point, Link E5 proceeds in a southeasterly direction approximately 400 feet to the intersection of Links E5, I3, I4, and K6. This segment of Link E5 crosses Old Needle Point Road.

Link E6
From the intersection of Links C7 and E6, Link E6 proceeds in a south southeasterly direction approximately 1,080 feet to an angle point. From this angle point, Link E6 proceeds in an easterly direction approximately 510 feet to an angle point. From this angle point, Link E6 proceeds in an easterly direction approximately 640 feet to the intersection of Links E5, I4, and I5. This segment of Link E6 crosses Old Needle Point Road.

Link F1 (bi-directional)
From the intersection of Links E3, F1, and F2, Link F1 proceeds in an easterly direction approximately 310 feet to the intersection of Links E2, F1, and F3. Link F1 crosses Cedar Point Lateral and a natural gas pipeline.

Link F2
From the intersection of Links E3, F1, and F2, Link F2 proceeds in a southerly direction approximately 450 feet to the intersection of Links F2, G1, and G2. Link F2 crosses IH 10.

Link F3
From the intersection of Links E2, F1, and F3, Link F3 proceeds in a southerly direction approximately 450 feet to the intersection of Links F3, G1, G3, and G4. Link F3 crosses a natural gas pipeline and IH 10.

Link G1 (bi-directional)
From the intersection of Links F2, G1, and G2, Link G1 proceeds in an easterly direction approximately 350 feet to the intersection of Links F3, G1, G3, and G4. Link G1 crosses Cedar Point Lateral, Needlepoint Road, and a natural gas pipeline.

Link G2
From the intersection of Links F2, G1, and G2, Link G2 proceeds in a south southwesterly direction approximately 370 feet to an angle point. From this angle point, Link G2 proceeds in southerly direction approximately 670 feet to an angle point. From this angle point, Link G2 proceeds in an easterly direction approximately 500 feet to the intersection of Links G2, G3, H1, and H2. This segment of Link G2 crosses Cedar Point Lateral and Needlepoint Road.

Link G3
From the intersection of Links F3, G1, G3, and G4, Link G3 proceeds in a southerly direction approximately 450 feet to a slight angle point. This segment of Link G3 crosses a natural gas pipeline. From this slight angle point, Link G3 proceeds in a southerly direction approximately 570 feet to the intersection of Links G2, G3, H1, and H2.

Link G4 (bi-directional)
From the intersection of Links F3, G1, G3, and G4, Link G4 proceeds in an easterly direction approximately 1,230 feet to an angle point. From this angle point, Link G4 proceeds in an east southeasterly direction approximately 410 feet to an angle point. This segment of Link G4 crosses an unnamed stream. From this angle point, Link G4 proceeds in a south southeasterly direction approximately 1,020 feet to the intersection of Link G4, H1, and K1.

Link H1
From the intersection of Links G2, G3, H1, and H2, Link H1 proceeds in an easterly direction approximately 2,130 feet to the intersection of Links G4, H1, and K1. Link H1 crosses a natural gas pipeline and an unnamed stream.

Link H2 (bi-directional)
From the intersection of Links G2, G3, H1, and H2, Link H2 proceeds in a southerly direction approximately 1,790 feet to an angle point. From this angle point, Link H2 proceeds in a west southwesterly direction approximately 350 feet to the intersection of Links H2, I1, and K2. This segment of Link H2 crosses Needlepoint Road and Cedar Point Lateral.

Link I1 (bi-directional)
From the intersection of Links I1, I2, and K4, Link I1 proceeds in an easterly direction approximately 1,830 feet to the intersection of Links H2, I1, and K2. Link I1 crosses a crude oil pipeline.

Link I2
From the intersection of Links E4, I2, I3, and K5, Link I2 proceeds in an easterly direction approximately 2,420 feet to the intersection of Links I1, I2, and K4. Link I2 crosses seven highly volatile liquid pipelines.

Link I3
From the intersection of Links E5, I3, I4, and K6, Link I3 proceeds in an easterly direction approximately 600 feet to the intersection of Links E4, I2, I3, and K5. Link I3 crosses 10 highly volatile liquid pipelines, two other gas pipelines, a refined liquid product pipeline, a natural gas pipeline, and a crude oil pipeline.

Link I4
From the intersection of Links E6, I4, and I5, Link I4 proceeds in an easterly direction approximately 560 feet to the intersection of Links E5, I3, I4, and K6.

Link I5
From the intersection of Links A3, A4, and I5, Link I5 proceeds in an easterly direction approximately 1,360 feet to an angle point. This segment of Link I5 crosses a highly volatile liquid pipeline, two existing transmission lines, a refined liquid pipeline, and a natural gas pipeline. From this angle point, Link I5 proceeds in a south southwesterly direction approximately 1,180 feet to an angle point. From this angle point, Link I5 proceeds in a southeasterly direction approximately 530 feet to an angle point. From this angle point, Link I5 proceeds in an east northeasterly direction approximately 600 feet to an angle point. This segment of Link I5 crosses two highly volatile liquid pipelines, a natural gas pipeline, another gas pipeline, and SH 146. From this angle point, Link I5 proceeds in an easterly direction approximately 510