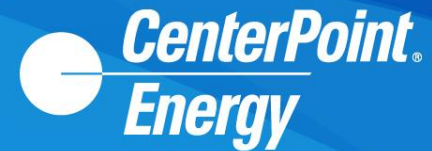




# CenterPoint Energy Indiana North Gas Transportation Overview

October 2022

# CenterPoint Energy Indiana North Transport Program



## Transport Eligibility

- Customers with annual usage of 25,000 therms or more are eligible for a transport rate.
- New transportation customers are required to have a signed contract returned to CenterPoint Energy thirty days prior to the first of the month gas flow effective date.
- Customer must have telemetry installed by the 15th of the month prior to the first of the month gas flow effective date. CenterPoint Energy will then typically have an instrument device installed within 30 days thereafter.
- Customers can view their daily usage on CenterPoint Energy's website. [www.centerpointenergy.com](http://www.centerpointenergy.com).
- Pool Operators can view a customer's daily usage on CenterPoint's EBB.

# Requirements for Pool Operator Approval



Provisions and Requirements for Pool Operator Participation include:

## Contract

- Pool Operator must enter into a written Pooling Agreement with Company. Such Pooling Agreement shall set forth specific covenants and obligations undertaken by Company and Pool Operator under the Pooling Service 280 Rate Schedule on behalf of the Pool's Customers.
- Initial term of not less than one year and shall automatically extend for succeeding annual terms thereafter subject to cancellation by either party after written notice submitted not less than ninety days prior to the end of the initial term or any succeeding annual term.

# Requirements for Pool Operator Approval



## Creditworthiness Standards and Requirements:

- Pool Operator must pass an initial financial evaluation performed by Company, and any such subsequent evaluation(s) deemed appropriate by the Company, to ensure that Pool Operator possesses sufficient resources to perform its responsibilities and to ensure financial performance under the 280 Pooling Service Rate Schedule.
- Pool Operator must complete and sign Company's Pool Operator Registration Form and Credit Application to be considered for participation in the Pooling Service.
- Pool Operator desiring to participate in the Pooling Service will be evaluated by Company to establish credit levels acceptable to Company.

# Requirements for Pool Operator Approval



- Company will apply, on a non-discriminatory basis, reasonable financial standards to assess and examine Pool Operator's creditworthiness.
- Company will take into consideration the scope of the operations of Pool Operator and the level of risk to Company.
- In order to pass, Pool Operator may be required to provide security, the form and amount, of which shall be specified by Company. Company shall determine creditworthiness, and will not deny Pool Operator's participation in the Pooling Service without reasonable cause.

Pool Operator provides necessary documents to CenterPoint Energy

- Two signed Pooling Service Agreements
  - Company's Pool Operator Registration Form
  - Pool Operator's most recent financials
  - List of customers to be pooled
- Credit evaluation is performed.
  - Pool Operator is notified of approval outcome.
  - Upon approval, the Pool Operator instructs the customers to contact their CenterPoint Energy Account Manager to receive an Agency Agreement. For those customers that do not have an operating daily telemetry device, a phone line must be installed by the 15th of the month prior to the first of the month effective date they wish to join the pool.

## Agency Agreements

- Agency Agreements are required 10 business days prior to the first of the month flow date for the following:
  - New transport customers
  - Existing transport customers joining an aggregate pool
  - Customers changing Gas Supplier/Pool Operator
- Agency Agreement must be signed by the customer.
- Gas Suppliers/Pool Operators may not drop a non-pooling, or one of their aggregate pool customers prior to the first of the month. Gas Suppliers/Pool Operators must provide CenterPoint Energy with a written notification of any changes at least 10 business days prior to the first of the month. If the 10 business day notice is not given, the Gas Supplier/Pool Operator will be required to retain the customer until the first of the following month.

## Large Customer Billing will issue two separate bills

- The Gas Transportation Service Bill
  - Issued during the first week of the month
  - Due date will be 17 days after issuance.
- The Pooling Service Bill
  - Issued 15 business days after end of month, to either the Pool Operator, or any non-pooling customer
  - Due 17 days thereafter.



# Transport Billing Timeline

Example of billing timeline (March usage):

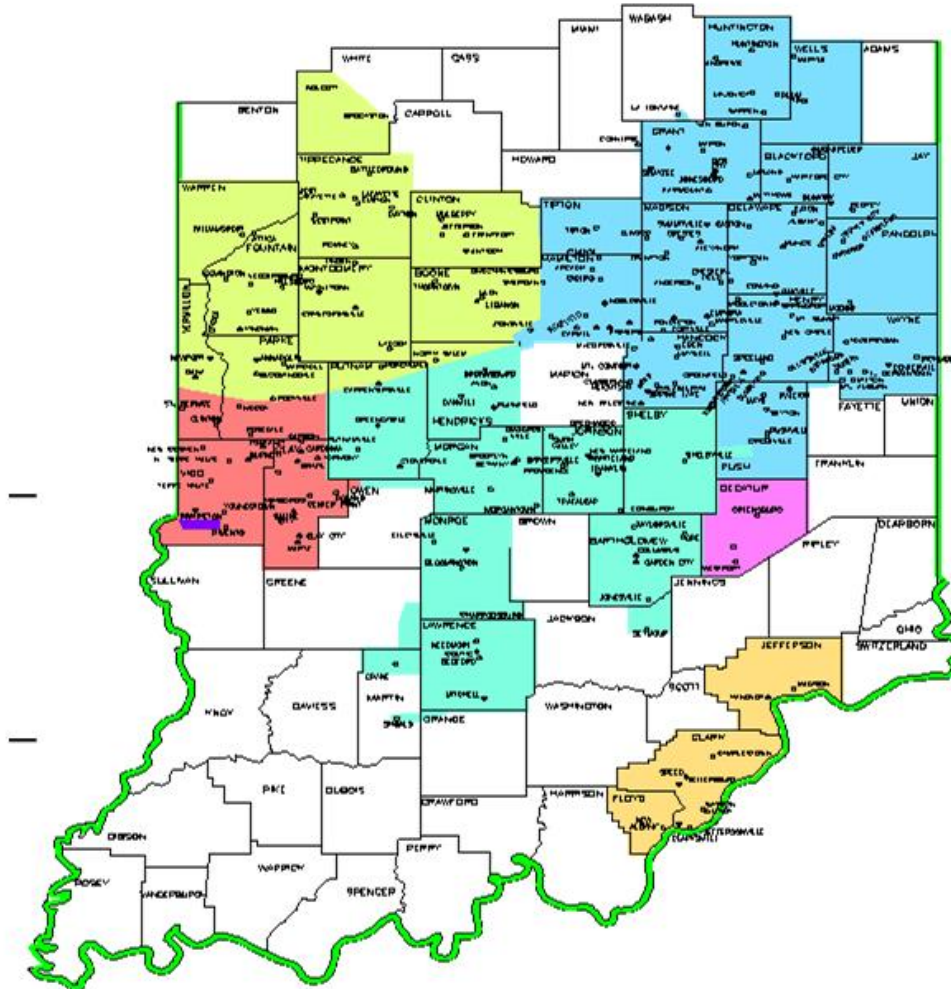
- Third business day of April
  - Issue billing of customers' distribution charges
- Approximately the tenth business day
  - Preliminary report of daily/monthly imbalances is published to CenterPoint Energy's EBB
  - Two business days are allowed for trading of daily imbalances via CenterPoint Energy's EBB
  - One business day is allowed for trading of monthly imbalances via CenterPoint Energy's EBB
- Three business days after trading closes
  - Issue final pooling service bill (imbalance charges)
  - Note: Non-pooling customers will receive two invoices. One for distribution charges, and another for imbalance charges.

- The CenterPoint Energy North System consists of seven separate operating systems.
- Each operating area has limitations based upon Pipeline connections, contracts, and operational characteristics.
  - North – Panhandle and REX (Amo)
  - East – Panhandle and ANR (Muncie)
  - Central – Texas Gas (Zone 3 meters 1559), ANR (West Shelbyville) & REX (Amo)
  - Terre Haute – Texas Gas (Zone 3 - meter 1558)
  - Southeast – Texas Gas (Zone 4 - meter 1702)
  - Greensburg – Texas Eastern (Meter 70017)
  - Vigo – Midwestern Gas Transmission

# North Operating Systems



- LEGEND**
- Turne Route Operating System
  - Vega Operating System
  - North Operating System
  - Central Operating System
  - East Operating System
  - Chambersburg Operating System
  - Southwest Operating System



## What are they?

- They are a range of minimum and maximum delivery percentages by pipeline within each operating system based on temperatures and operating system characteristics.
- Necessary in order to maintain system reliability and integrity.
- The delivery percentages will be recalculated and communicated to Gas Suppliers periodically (usually annually).
- Delivery percentages will be consistent throughout a given month.
- City-gate allocation tables are currently published seasonally.
- CenterPoint Energy will create a city-gate allocation table applicable to all Transporters that indicates the minimum and maximum delivery percentages required by pipeline for each operating system and communicate them to Gas Suppliers.

# City-Gate Information



NON-POOLING CUSTOMERS		
Operating System	Pipeline	City-Gate
North	Panhandle REX	LOC Prop: INGAS Amo Loc: 60160
East	Panhandle	LOC Prop: INGAS
	ANR	Muncie Location: 40186
Central	Texas Gas REX	Zone 3 LOC Prop: 1559 Amo Loc: 60160
	ANR	West Shelbyville Location: 4475
	REX	Amo Location: 60160
Southeast	Texas Gas	Zone 4 LOC Prop: 1702
Terre Haute	Texas Gas	Zone 3 LOC Prop: 1558
Greensburg	Texas Eastern	LOC Prop: 70017
Vigo	Midwestern	Location: Vigo

AGGREGATE POOL OPERATORS:		
Operating System	Pipeline	City-Gate
North/East/Central	Panhandle	N/A Loc Prop: INGAS
	ANR	Muncie Location: 40186
	ANR	West Shelbyville Location: 4475
	Texas Gas	Zone 3 LOC Prop: 1559
	REX	Amo Loc Prop: 60160
Southeast	Texas Gas	Zone 4 LOC Prop: 1702
Terre Haute	Texas Gas	Zone 3 LOC Prop: 1558
Greensburg	Texas Eastern	N/A LOC Prop: 70017
Vigo	Midwestern	N/A Location: Vigo

Current Unaccounted for Gas Percentage can be found in Appendix F in the tariff.

- Effective March 1, 2022, 0.2% of the quantities received by CenterPoint Energy from Transportation Customer, School/Government Supplier or Pool Operator at a point of receipt on CenterPoint's distribution system shall be retained to compensate for unaccounted for gas.
- All customers joining a Pool Operator's aggregate pool will be cashed-out.

*Daily balancing requirements can be found in Appendix E in the tariff.*

- Transport Customers are subject to the nomination and balancing provisions in Appendix E of the tariff.
- Transporter must submit nominations via the Company's EBB by no later than 1:00 PM Central Clock Time ("CCT") of the workday previous to the start date of the Daily Pipeline Nomination.
  - Company may accept nominations submitted after the deadlines within its reasonable discretion.
- Transporter shall pay a Nomination Error Charge of \$.49/dth on the quantity difference between its Daily Pipeline Nomination and the confirmed deliveries for each day such difference occurs.
- City-Gate Allocation Non-Compliance Charge of \$0.99/dth shall be charged for all quantities that exceed or do not meet the prescribed City-Gate Allocations.

## Large General Transportation

- Nominations are due on Friday for Saturday, Sunday and Monday's flows, and on the last business day prior to CenterPoint Energy observed holidays.
- Intraday Nominations are acceptable due to changes in customers' expected demands or rescheduling due to pipeline cuts. Intraday nomination changes on the day of flow are subject to CenterPoint Energy's approval, and for just cause. Suppliers are advised to keep intraday changes to a minimum.

## Pipeline/CenterPoint Energy EBB nom variances

- CenterPoint Energy's Gas Transportation Operations will typically notify Suppliers of scheduling errors as a courtesy; however, notification is not guaranteed. It is the Supplier's responsibility to ensure the correct volumes are scheduled correctly, and in a timely manner. This includes any third-party deliveries to your pool(s).



## CenterPoint Energy's confirmation procedure

- By 3:30 p.m. CCT –Suppliers may view their confirmed timely nominations via CenterPoint Energy's EBB delivery reports.
  - Scheduled volumes will be updated to match the pipe if a discrepancy between EBB and the pipe occurs.
  - Once all nominations are confirmed, EBB will send automated emails to advise of any known discrepancies at that time.
  - To correct nominations submitted on EBB, Supplier must edit the nominated volume to match what is on the pipe, if correct, or advise GT Operations that the nominated volume is correct.

## Retro Nominations

- Retro Nominations are subject to Company's approval. Suppliers must submit a Retro Nomination in EBB and are required to enter an adequate note explaining why the Retro Request is being made. Lack of sufficient details will result in denial of the Retro Request.

## City-gate/Storage Non-Compliant Deliveries

- All Suppliers should be utilizing the variance reports on EBB to ensure all deliveries are within Company's city-gate requirements.
- Gas Transportation Operations will typically notify Suppliers of variances as a courtesy; however, notification is not guaranteed and all city-gate non-compliant deliveries are subject to penalty.
- CenterPoint Energy will not waive city-gate, storage or DDQ Non-Compliance Charges due to the lack of due diligence by the supplier in identifying and addressing nomination and city-gate variances.

Daily balancing provisions are as follows:

- **Daily Under-Delivery tolerances for Pool Operators:**
  - >15% not >25%
    - 1.1 times Daily Under-Delivery Charge
  - >25% not >35%
    - 1.2 times Daily Under-Delivery Charge
  - > 35%
    - 1.4 times Daily Under-Delivery Charge
- **Daily Under-Delivery tolerances for non-pooling customers:**
  - >20% not >30%
    - 1.1 times Daily Under-Delivery Charge
  - >30% not >40%
    - 1.2 times Daily Under-Delivery Charge
  - >40%
    - 1.4 times Daily Under-Delivery Charge

## Daily Under-Delivery Charge:

- Highest midpoint price reported in Gas Daily of:
  - Texas Gas, Zone SL; or
  - ANR, La; or
  - Texas Eastern, ELA; or
  - Panhandle, Tx-Okla; or
  - Chicago City-Gates; or
  - REX Zone 3
  - Plus the maximum interruptible pipeline transportation rate, including fuel and all surcharges by operating system.
  
- Note: All charges will be based on the pipelines servicing the Operating System.

Daily balancing provisions are as follows:

- **Daily Over-Delivery tolerances for Pool Operators:**
  - >15% not >25%
    - 0.9 times Daily Over-Delivery Charge
  - >25% not >35%
    - 0.8 times Daily Over-Delivery Charge
  - >35%
    - 0.6 times Daily Over-Delivery Charge
- **Daily Over-Delivery tolerances for non-pooling customers:**
  - >20% not >30%
    - 0.9 times Daily Over-Delivery Charge
  - >30% not > 40%
    - 0.8 times Daily Over-Delivery Charge
  - >40%
    - 0.6 times Daily Over-Delivery Charge

## Daily Over-Delivery Charge:

- Lowest midpoint price reported in Gas Daily of:
  - Texas Gas, Zone SL; or
  - ANR, La; or
  - Texas Eastern, ELA; or
  - Panhandle, Tx-Okla; or
  - Chicago City-Gates; or
  - REX Zone 3
  - Plus the firm transportation commodity rate, including fuel and all surcharges by operating system.
  
- Any under/over daily imbalances less than the minimum tolerance will be carried over to the monthly imbalance.

## Monthly Under-Delivery Tolerances:

- >10% up to and including 20%
    - 1.1 times Monthly Under-Delivery Charge
  - >20% up to and including 30%
    - 1.2 times Monthly Under-Delivery Charge
  - >30% and over
    - 1.4 times Monthly Under-Delivery Charge
- (*Plus applicable taxes*)

## Monthly Under-Delivery Charge:

- The greater of:
- CenterPoint Energy's average gas cost (demand and commodity) based on its gas purchases for the month; or
- The highest of the sums of each Monthly Index Price and the maximum interruptible pipeline transportation rate, including fuel and all surcharges, applicable to each Monthly Index Price.
  
- Any volumes less than 10% will be carried over to the next month.
  
- Note: All charges will be based on the pipelines servicing the Operating System.



## Monthly Over-Delivery Tolerances:

- >10% up to and including 20%
  - 0.9 times Monthly Over-Delivery Charge
  
- >20% up to and including 30%
  - 0.8 times Monthly Over-Delivery Charge
  
- >30% and over
  - 0.6 times Monthly Over-Delivery Charge  
*(Plus applicable taxes)*

## Monthly Over-Delivery Charge:

- The lowest of:
- CenterPoint Energy's average gas cost (demand and commodity) based on its gas purchases for the month; or
- The lowest of the sums of the Monthly Index Price and the firm pipeline transportation commodity rate, including fuel and all surcharges applicable to each Monthly Index Price.
- Any volumes less than 10% will be carried over to the next month.
- Note: All charges will be based on the pipelines servicing the Operating System.

- A Supplier may trade daily and/or monthly imbalances via CenterPoint Energy's EBB.
- \$9.85 fee per transaction.
- Cannot trade in the opposite direction of the imbalance (i.e. cannot go from being over to being under)
- Trades are allowed on OFO days.
- Note: Imbalance bills will be calculated in Dths. This includes the usage, imbalances, etc.

- Monthly usage is derived from the first of the month reading to the first of the following month's reading and is not an accumulation of the daily usage.
- Deliveries and usage on OFO days are included in the monthly totals.

- Customers whose daily telemetry usage information is incorrect due to lack of phone service, faulty equipment, technical problems, etc. will be estimated on a per day basis at the time of billing.
- If a read is missing, an estimated read will be displayed. Please contact Gas Transportation Billing to determine what issue may be causing the missing read.
- Usage for those customers that do not have daily telemetry during the on-set of this program will be estimated on a per day average.

- Operational Flow Order (OFO) - An order issued by CenterPoint Energy via EBB directing Pool Operator, School/Government Supplier or Transportation Customer to deliver specific quantities of gas via specific pipelines.
  - Cold Weather OFO - Pool Operator shall be subject to the Daily OFO Under-delivery Imbalance provisions. If the Pool Operator's Daily Under-delivery Imbalance is greater than 5% of Total Daily Usage, the shortfall quantities shall be cashed out with CenterPoint Energy.
  - Warm Weather OFO - Pool Operator shall be subject to the Daily OFO Over-Delivery Imbalance provisions. If the Pool Operator's Daily Over-Delivery Imbalance Quantity is greater than 5% , CenterPoint Energy may refuse to receive such excess quantities from the pipeline(s). If CenterPoint Energy receives any such excess quantities, they shall be cashed out with CenterPoint Energy.

Under-deliveries on Cold OFO days greater than the 5% tolerance will subject to the following:

- The greater of:
  - The highest per unit gas cost paid by Company on the date of non-compliance, or
  - The Daily Under-Delivery Charge by operating system; plus
- All other charges incurred by Company and attributable to Transporter's Daily Under-Delivery Imbalance Quantities, including pipeline penalty charges on the OFO shortfall quantities; plus
- OFO Imbalance Charge of \$9.85 per Dth
- Applicable taxes

Over-deliveries on Warm OFO days greater than the 5% tolerance will subject to the following:

- The lesser of:
  - The lowest per unit gas cost paid by Company on the date of non-compliance, or
  - The Daily Over-Delivery Charge by operating system; plus
- All other charges incurred by the Company and attributable to the Transporter's Daily Over-Delivery Imbalance Quantities; including pipeline penalty charges on the OFO excess quantities; and
- OFO Imbalance Charge of \$9.85 per Dth
- Applicable taxes



## CenterPoint Tariff Definitions

**Curtailment-** the interruption or limitation of the Gas Service available to Customer pursuant to Company's Curtailment Procedures.

**Gas Supply Curtailment** - Curtailment resulting from insufficient quantities of Company-supplied gas to meet the demands of Company's Sales Customers.

**Capacity Curtailment** - Curtailment resulting from insufficient distribution system capacity to supply Gas Services to Company's Gas Service Customers.

**Plant Protection Level** - The minimum quantity of Gas Service for Firm Curtailment Customers or Alternate Fuel capability for Interruptible Service Customers required by Customer to prevent endangering the health or safety of personnel, or to prevent extensive damage to Customer's facilities, equipment, or other property. This includes the protection of such material currently in process at the time a Curtailment is called which would otherwise be destroyed, but shall not include Gas Service required to maintain plant production.

## Causes for Curtailment:

- Gas supply area disruptions and/or restrictions
  - Severe weather - hurricanes, well freeze-offs
  - Equipment failure - Wellhead or processing plant
  - Significant leak
  - Gas quality
- Forecasted weather conditions
- Variances between Forecasted vs. Actual Weather
- System demand variations must be managed through gas supply portfolio balancing flexibility which is limited.

- CenterPoint Energy's curtailment notification method utilizes the following communication methods: Telephone (cellular and land line), and E-mail.
- In the event of a Gas Curtailment, CenterPoint Energy will notify its Transportation Customers of the type of curtailment.
- The Account Managers have distributed a copy of the current contact information on file for your company, please review this information. If you have any changes, please mark up the copy and return to your Account Manager today.

## Types of Notification Messages:

- CURTAILMENT -As of 12:00 AM Central Time Wednesday, September 15, 2021 CenterPoint is issuing a natural gas curtailment. Your natural gas usage is limited to your confirmed plant protection level. Should you have any questions please contact your Industrial Account Manager.
- ALERT- As of 12:00 AM Central Time Wednesday, September 15, 2021 CenterPoint is issuing a curtailment alert. If the weather conditions should get colder there is a good possibility that a natural gas curtailment could be called. If you have any questions please contact your Industrial Account Manager.

## Types of Notification Messages:

- **RELEASE-** As of 12:00 AM Central Time Wednesday, September 15, 2021 CenterPoint is lifting the natural gas curtailment and you can go back to normal operations. If you should have any questions, please contact your Industrial Account Manager.
- **OFO-** As of 12:00 AM Central Time Wednesday, September 15, 2021 CenterPoint is issuing an operational flow order. Your natural gas usage is limited to your confirmed pipeline nomination. Should you have any questions please contact your Industrial Account Manager.

# Gas Supply Curtailment Sequence



- First, Rate 260, and 270 Non-Pooling Transportation Customers and Pool Operators' Pools (under Rates 280 and 285) shall be subject to the Cold Weather OFO.
- Next, Rate 240 Customers' purchases of Company-Supplied Gas shall be interrupted 100% and Rate 245 Non-Pooling Customers shall be subject to the cold Weather OFO.
- Next, as determined by Company, all Rate 220 Firm Curtailment Customers' purchases of Company-Supplied Gas shall be limited to either:
  - Their respective Average Daily Throughput each day over any portion of the billing month, or
  - Their respective Normal Monthly Throughput.
- Next, as determined by Company, all Rate 220 Firm Curtailment Customers' purchases of Company-Supplied Gas shall be curtailed pro-rata, either:
  - On a daily basis for any period specified by Company by application of a uniform percentage curtailment to their respective Average Daily Throughput, or
  - On a billing month basis by application of a uniform percentage curtailment to their respective Normal Monthly Throughput.

- Next, all Rate 220 Firm Curtailment Customers' purchases of Company-Supplied Gas shall be curtailed to a daily quantity equal to their respective Plant Protection Levels.
- Next, Rate 245, 260, and 270 Non-Pooling Customers' and Pool Operators' and School/Government Suppliers' (under Rates 280 and 285) Pool Customers' transportation gas quantities on Company's system shall be limited to Customers' respective Plant Protection Levels, and the remainder of their delivered supply shall be diverted to use for Company Supply.
- In the event further curtailment is required to maintain Gas Service, CenterPoint Energy shall be entitled to curtail or interrupt Gas Service to any customer.
- Transport Customers shall be compensated for the diversion of Customers' transport gas quantities.

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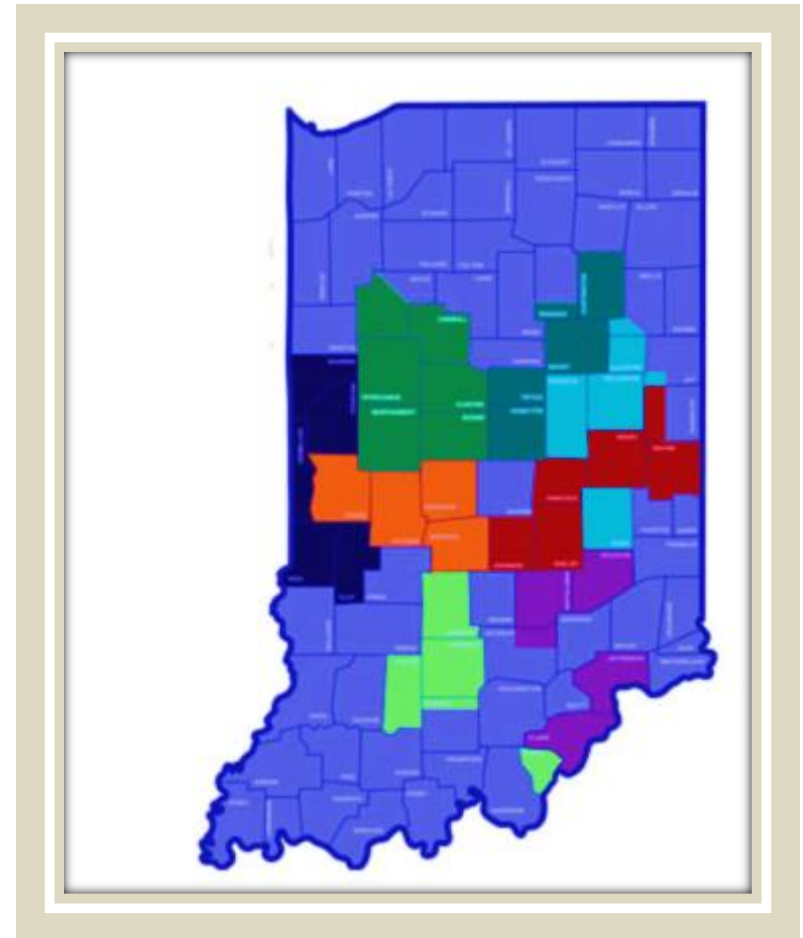
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