

# Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM) Grants



Pipeline and Hazardous  
Materials Safety Administration



## **PROGRAM OVERVIEW**

On November 15, 2021, President Biden signed the Bipartisan Infrastructure Law (Public Law 117-58- Nov. 15, 2021) which is the most significant investment in our nation's infrastructure in more than half a century. This includes the Pipeline and Hazardous Materials Safety Administration's (PHMSA) first ever Natural Gas Distribution Infrastructure Safety and Modernization (NGDISM) grant program.

The law authorized a nearly \$1 billion investment over five years to modernize community-owned natural gas distribution pipes, helping lower energy costs for ratepayers, reduce methane pollution, and keep communities safe from pipeline failures.

To date, PHMSA has awarded nearly \$800 million across 227 projects in underserved rural and urban communities across 29 states since the program was created in 2022. Grant recipients are on track to repair, rehabilitate, or replace more than 1,000 miles of aging natural gas pipes and reduce nearly 1,000 metric tons of methane pollution, annually.

## **ABOUT THE PIPELINE AND HAZARDOUS MATERIALS SAFETY ADMINISTRATION (PHMSA)**

PHMSA's mission is to protect people and the environment by advancing the safe transportation of energy and other hazardous materials that are essential to our daily lives. To do this, the agency establishes national policy, sets, and enforces standards, educates, and conducts research to prevent incidents. We also prepare the public and first responders to reduce consequences if an incident does occur.

Recipient	State	City	Project Description	Award Amount	Miles	Annual Methane Reduction <i>(in metric tons/yr)</i>	Jobs Created
City of Alma	NE	Alma	Replace 0.3 miles of aging cast iron pipeline.	\$216,274.00	0.30	1.37	3.00
City of Alto	TX	Alto	Replace 8.43 miles of leaking steel and plastic pipe.	\$3,820,755.76	8.43	9.51	20.00
Town of Basile	LA	Basile	Perform an extensive leak survey on the distribution system and any area containing abandoned portions of legacy steel pipe, as some portions of the old distribution system are believed to be leaking and not properly abandoned.	\$163,400.00	0.00	0.00	50.00
Chester County Natural Gas Authority	SC	Chester	Replace 2.6 miles of aging 3-inch steel mainline with 4-inch polyethylene (PE) pipeline, and 1.5 miles of 2-inch steel pipeline, 0.2 miles of 1.25-inch steel pipeline, and 1.1 miles of 1-inch steel pipeline with 3.7 miles of 2-inch PE pipeline.	\$1,389,996.00	6.30	0.19	0.00
City of Childersburg, Waterworks, Sewer, and Gas Board	AL	Childersburg	Remove 16.5 miles of aging cast-iron gas main and replace with High Density Polyethylene (HDPE). Replace 6-inch valves on the steel gas line.	\$7,000,000.00	16.50	75.38	119.00
Clinton Newberry Natural Gas Authority	SC	Clinton	Replace 21.92 miles of leaking steel pipe.	\$8,075,518.00	21.92	23.28	161.00
Town of Colfax, Town	LA	Colfax	Replace approximately 2.4 miles of 2-inch ABS plastic gas mains with polyethylene (PE) gas mains.	\$1,174,120.00	2.40	0.43	3.00
Colorado Springs Utilities	CO	Colorado Springs	Replace 3.5 miles of bare steel pipe.	\$5,057,397.00	3.50	7.40	16.00
City of Corpus Christi	TX	Corpus Christi	Replace 7.23 miles of steel mains with polyethylene (PE) pipe.	\$4,203,066.87	7.23	7.68	24.00
CPS Energy	TX	San Antonio	Replace 3.11 miles of steel distribution main and 390 steel services.	\$5,500,679.00	3.11	3.30	0.00
City of Cross Plains	TX	Cross Plains	Replace two aging metering stations.	\$1,000,000.00	0.00	0.00	0.00
Eastern New Mexico Natural Gas Association	NM	Fort Sumner	Replace a leaking underground odorant tank.  Purchase leak detection equipment.	\$431,229.00	0.00	0.00	0.00
Village of Elizabeth	LA	Elizabeth	Replace 8 miles of 6-inch legacy steel distribution line with 4-inch high-density polyethylene (HDPE) pipe.	\$2,330,843.00	8.00	8.50	974.00
Grant Parish Police Jury	LA	Colfax	Replace 36 miles of 2-inch legacy PVC gas mains.	\$3,000,000.00	36.00	5.84	12.00
Greenville Utilities Commission	NC	Greenville	Replace 3.23 miles of steel mains and vintage plastic pipes, including steel and PVC services.	\$3,182,650.00	3.23	2.46	61.00
City of Hamilton	OH	Hamilton	Replace .53 miles of aging and prone to leakage gas main.	\$575,000.00	0.53	2.42	0.00
Iberville Parish	LA	Plaquemie	Replace 5.64 miles of existing steel mains with 4-inch polyethylyne (PE) coiled pipe, 88 steel service lines with 1-inch PE coiled pipe, and 88 aging residential meters.	\$2,546,362.50	5.64	5.99	5.00
Interior Alaska Natural Gas Utility	AK	Fairbanks	Acquire three Utility Locating Systems, two Combustible Gas Leak Detectors and two 8-inch - 12-inch HYD Squeeze Tools with Pump.	\$88,279.00	0.00	0.00	0.00
City of Iuka	MS	Iuka	Replacing 14.4 miles of aging cast iron pipeline and 682 steel gas services.	\$8,194,580.00	14.40	65.79	44.00
City of Kings Mountain	NC	Kings Mountain	Replace 23 miles of aged and at-risk pipeline.  Replace 6 and retire 2 regulator stations.	\$9,609,485.00	23.00	17.53	100.00
Knoxville Utilities Board	TN	Knoxville	Replace 16.7 miles of aging steel main.	\$5,000,000.00	16.70	17.73	106.00
Lake Apopka Natural Gas District	FL	Winter Garden	Replace 0.38 miles of vintage black and Aldyl – A plastic mains and services with 1-inch pipe of similar length high density modern polyethylene (HDPE), and ¾-inch plastic service lines (total of 84 vintage plastic service lines to be replaced with new plastic).	\$132,470.80	0.38	0.06	33.00
Laurens Commission of Public Works	SC	Laurens	Replace 31.82 miles of aging bare steel and pre-code coated pipe with modern polyethylene (PE) pipe and appurtenances.	\$6,500,000.00	31.82	33.79	134.00

City of Lexington	NC	Lexington	Purchase hand-held leak detection equipment.	\$14,000.00	0.00	0.00	250.00
City of Long Beach Utilities Department	CA	Long Beach	Replace approximately 0.63 miles of 12-inch steel pipe.	\$6,806,640.00	0.63	0.67	46.00
City of Monroe	GA	Monroe	Replace 4.34 miles of pre-code era steel distribution mains with modern medium density polyethylene (MDPE) pipelines.	\$1,927,496.00	4.34	4.63	30.00
Town of Montgomery	LA	Montgomery	Replace (5) 60+ year old regulator stations.	\$1,176,277.00	0.00	0.00	255.00
Village of Moreauville	LA	Moreauville	Replace valves.	\$217,212.00	0.00	0.00	0.00
Village of Morganza	LA	Morganza	Replace four miles of PVC pipe with modern polyethylene (PE) pipe with tracer wire.	\$1,872,488.00	4.00	0.65	4.00
City of Morton	TX	Morton	Purchase high-density polyethylene (HDPE) Electrofusion Equipment.	\$14,085.90	0.00	0.00	0.00
City of Moss Point	MS	Moss Point	Replace 14 miles of bare steel natural gas distribution lines with medium density polyethylene piping (MDPE).	\$3,854,054.00	14.00	29.31	0.00
Navajo Tribal Utility Authority	AZ	Fort Defiance	Replace 2.45 miles of corroded carbon steel pipeline with high density polyethylene (HDPE).  Replace 7 obsolete regulator stations.	\$1,614,149.00	2.45	2.60	6.00
City of New Albany Gas Department	MS	New Albany	Replace 13.5 miles of 6-inch steel Invasion Pipe.	\$7,180,655.00	13.50	14.34	24.00
Borough of North Slope	AK	Utqiagvik	Acquire a photoionization detector (PID) for each village (8) within the North Slope.	\$49,234.97	0.00	0.00	0.00
Okaloosa Gas District	FL	Valparaiso	Replace 28.9 miles of unprotected steel mains and 1190 steel services due to current leaks in 4 census tracts, 2 of which are disadvantaged communities.	\$5,307,227.00	28.90	60.50	14.00
City of Parsons	TN	Parsons	Install 175 excess flow valves (EFV) and curb stops on farm tap regulated service lines.	\$668,125.00	0.00	0.00	0.00
City of Patterson	LA	Patterson	Replace 3.06 miles of steel main and services with polyethylene (PE).	\$1,327,022.00	3.06	3.25	9.00
City of Perry	GA	Perry	Replace 0.86 miles of bare steel pipelines and services with polyethylene (PE). Install new excess flow valves on all replacement services.	\$142,676.00	0.86	1.80	6.00
Philadelphia Gas Works	PA	Philadelphia	Replace 20.3 miles of cast iron pipe over a five-year period.	\$39,999,855.00	20.30	92.74	60.00
City of Piedmont	AL	Piedmont	Replace 7.5 miles of aging cast iron gas main with high density polyethylene (HDPE) pipe.	\$3,755,146.00	7.50	34.26	83.00
Powell Clinch Utility District	TN	Rocky Top	Propose to replace .20 miles of steel pipeline.	\$546,595.00	0.20	0.21	19.00
City of Richmond	VA	Richmond	Replace existing 2-inch to 12-inch main with new polyethylene and cathodically protected steel coated mains.	\$15,733,481.00	13.25	22.26	0.00
City of Roanoke Utilities Board	AL	Roanoke	Replace 6 cast iron plug valves.	\$117,864.00	0.00	0.00	2.70
Town of Saco	MT	Saco	Funds to professionally map pipeline system. Purchase leak detection, line locating, and GPS equipment.	\$35,884.00	0.00	0.00	0.00
City of Safford	AZ	Safford	Replace aged 2,298 gas meter assemblies with new Honeywell Temperature Compensated Gas Meters.	\$1,079,630.00	0.00	0.00	2.00
Sevier County Utility District	TN	Sevierville	Purchase 3 LZ-50 hand-held remote gas leak detectors, 8 Sensit P400 gas detectors for leak classification, 3 Sensit Gold G3 gas detectors, and 1 Sensit Smart-Cal 360 Calibration Station.	\$89,881.53	0.00	0.00	0.00
City of Sterling	TX	Sterling City	Replace 11 miles of bare steel pipe.	\$3,082,445.30	11.00	23.03	20.00
City of Tallahassee	FL	Tallahassee	Replace approximately 32.6 miles of main, 16.9 miles of service line (1157 total), isolation valves, and other appurtenances made of Driscopipe 8000 with high-density polyethylene (HDPE). Purchase equipment to complete main and service installation	\$6,399,051.00	49.50	37.72	7.00

			while mitigating methane emissions during construction.				
City of Thomasville	GA	Thomasville	Purchase leak detection equipment. Purchase GIS software and equipment.	\$74,200.00	0.00	0.00	0.00
City of Tifton	GA	Tifton	Replace 3.67 miles of 4-inch and 2-inch mill-wrap steel natural gas distribution mains, 51 associated services, and 12 flanged steel gas valves with 2-inch polyethylene (PE) pipe and 12 new PE valves.	\$868,826.00	3.67	3.90	5.00
City of Toccoa	GA	Toccoa	Replace 0.884 miles of leaking pre-code steel and vintage plastic distribution gas mains and services.  Replace 9.35 miles of leaking pre-code steel and vintage plastic distribution gas mains and services.	\$8,433,102.26	10.23	7.79	100.00
Wakefield Municipal Gas and Light Department	MA	Wakefield	Replace 1 mile of existing bare steel main.	\$1,425,098.00	2.95	6.18	15
Town of Washington	LA	Washington	Replace approximately 2.3 miles of service line connections of 3/4-inch & 1-inch steel pipe with modern 1-inch polyethylene (PE) pipe with tracer wire. Project includes all connections, service valves, regulators, and fittings for approximately 300 customers.	\$1,059,315.00	2.30	4.82	3.00
West Tennessee Public Utility District	TN	Huntingdon	Acquire RTK GPS locating equipment to assist in reducing third-party excavation damages.	\$42,307.00	0.00	0.00	1.00
City of Winder	GA	Winder	Replace 1.5 miles of pre-code, ineffectively coated, and leak prone pipe.	\$1,668,782.00	1.50	1.59	12.20
City of Winona	TX	Winona	Retire existing 4-inch and 6-inch steel gas pipeline and replace with approximately 0.07 miles of 4-inch polyethylene (PE) pipe and approximately 1 mile of 8-inch PE pipe. Approximately 1.5 miles replaced in total.	\$563,876.50	1.50	3.14	17.00
Totals:				\$196,342,692	405.03	626.31	2,855.9