

## FY 2022 Pipeline Emergency Response Grant Awards

Applicant	Proposal Summary	State	Rating	Funds Requested	Recommended Award	Basis for Recommendation
Alabama Fire College (AFC)	<p>AFC and pipeline operators have been working to implement the Alabama Pipeline Emergency Response Initiative program to educate and support all Alabama responders. The goal is to concentrate training in the high consequence areas, counties with pipelines, and eventually to all areas that might be called upon to respond as mutual aid to those areas.</p> <p>AFC proposes to advance its Pipeline Emergency Response Initiative (PERI) which will enable at least 1800 First Responders to recognize, manage, and mitigate a pipeline incident through improved training and communication.</p>	AL	Recommended	\$162,336	162,336	PERG funding to AFC will advance its PERI program to ensure that first responders are trained to respond to pipeline emergencies in high consequence areas.
Illinois Commerce Commission (ICC)	<p>ICC Natural Gas Pipeline Safety section is charged with inspection and enforcement activities applicable to intrastate natural gas transmission, distribution, gathering pipeline facilities; liquified natural gas; and liquid propane gas.</p> <p>ICC proposes to develop curricula for six training modules that are required to appropriately train</p>	IL	Recommended	\$81,288	\$81,288	PERG funding to ICC will further its mission by providing funding to support critical training activities for first responders who are required to respond to pipeline emergencies in high consequence areas.

	stakeholders who provide response to pipeline emergencies. This curriculum will be used to train 1,260 first responders.					
New York Division of Homeland Security and Emergency Services (NY DHSES)	<p>NY DHSES provides support for efforts to prevent, protect against, prepare for, respond to, and recover from terrorism and other man-made and natural disasters, threats, fires, and other emergencies.</p> <p>NY DHSES proposes to offer 25 courses to train 666 first responders to ensure that they are prepared to respond to pipeline incidents. Funding will also be used to support the purchase of two (2) laser gas detection meters and a large-scale pipeline prop to support specialized training at the State's Academy of Fire Science, and to purchase 3 smaller, portable piping simulators (Pipe Leak Trees) for use in the Outreach Training Program that provides HazMat Technician level training on-site locally in counties across the state.</p>	NY	Recommended	\$202,958	\$202,958	PERG funding to NY DHSES will ensure that it can provide training that is critical to address the existing capability gaps in NY DHSES' pipeline training program. This funding will provide the best and most realistic training experience for first responders responsible for pipeline emergencies in high consequence areas.
Texas Division of Emergency Management (TDEM)	TDEM is charged with carrying out a comprehensive all-hazard emergency management program for the state and for assisting cities, counties, and state agencies in planning and implementing their emergency management programs.	TX	Recommended	\$250,177	\$250,177	PERG funding to TDEM will ensure Texas first responders are better able to respond to pipeline emergencies in high consequence areas.

	TDEM proposes to conduct 12 pipeline related training courses which will train approximately 360 first responders. TDEM's proposal will also allow pipeline training to be delivered across Texas through the purchase of necessary equipment.					
Utah Department of Public Safety-Fire Marshal's Office	<p>The Utah State Fire Marshal's Office, Hazmat Section partners with the Utah Pipeline Association to hold 12 annual first responder pipeline safety workshops throughout the state.</p> <p>Utah proposes to use PERG funding to build on the information provided in the annual pipeline safety workshops by including case studies, operational considerations, and a hands-on tabletop exercise. Approximately 1200 first responders will be trained under this proposal.</p>	UT	Acceptable	\$89,400	\$89,400	PERG funding to Utah will ensure that its first responders are better able to respond to pipeline emergencies in high consequence areas.
West Virginia Department of Homeland Security (WVDHS), Emergency Management Division (WVEMD)	<p>The mission of WVEMD is to ensure the protection of life and property by providing coordination, guidance, support, and assistance to local emergency managers and first responders.</p> <p>WVDHS proposes to increase pipeline response training regionally in West Virginia by offering relevant pipeline training courses. The courses will be conducted by the University of</p>	WV	Recommended	\$250,000	\$250,000	PERG funding to WVDHS will ensure that its first responders are better able to respond to pipeline emergencies in high consequence areas.

	Findlay All Hazards Training Center (UF/AHTC) via a contractual agreement between WVDHS and UF/AHTC. WVDHS projects that 350 students will be trained. WVDHS's plan for PERG funds is to reach the "ruralest of the rural" with collaborative efforts to continue to build relationships across public sector, private industry, and response agencies throughout the state and enhance skill sets.					
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## Attachment 1

### FY 2023 PERG Award Recommendations

Applicant	Proposal Summary	State	Rating	Funds Requested	Recommended Award	Basis for Recommendation
1. Alabama Fire College (AFC)	AFC proposes to advance its Alabama Pipeline Emergency Response Initiative (APERI), which will make APERI training accessible free of charge to all emergency responders and public safety agencies. Training will be scheduled to accommodate the needs of the agency requesting training and the travel needs of APERI instructors. APERI's goal is to focus training in high consequence areas (HCAs), counties with pipelines, and eventually to all areas that might be called upon to respond as mutual aid to those areas.	AL	Highly Recommended	\$363,201	\$363,201	PERG funding to AFC will provide the mechanism it needs to offer APERI training for emergency responders in Alabama. To ensure APERI training is accessible, the training is provided free of charge to all public safety agencies. The training will have particular benefit to those located in or near HCAs throughout the state by providing consistent pipeline emergency training to emergency responders.
2. Green Bay Metro Fire Department (GBMFD)	GBMFD proposes specialized training and equipment for members of their hazardous materials team, and ongoing training for all members of their department, allowing GBMFD to better prepare and respond to accidents and emergencies involving pipelines. Activities will include pipeline emergency response planning, training, and exercises; pipeline leak recognition and release evacuation training; development and maintenance of pipeline training curriculum; and training props, equipment, and supplies. This training will include training on fixed industrial facilities but focus on pipelines,	WI	Highly Recommended	\$429,891	\$429,891	PERG funding to GBMFD will support initial specialized pipeline emergency response training for members of its hazardous materials team and ongoing training for all members of their department. The funding will also provide equipment for first responders who are required to respond to pipeline emergencies in HCAs.

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	terminals, and associated loading areas located at railroads and marine facilities.					
3. Illinois Commerce Commission (ICC)	ICC proposes projects to educate and train first responders in planning for and responding to pipeline emergencies. The Illinois Fire Chiefs Association Educational and Research Foundation created the Illinois Pipeline Emergency Response Initiative (IPERI) Committee to establish a formal governance structure for an IPERI. Under IPERI, pipeline emergency training will be transferred from individual operator-provided training to fire-based training services.	IL	Highly Recommended	\$287,438	\$287,438	PERG funding to ICC will provide training modules to first responders across the state of Illinois and would include HCAs. To reach underserved first responder communities in Illinois, more than 70 percent of the requested courses would involve volunteer, paid-on-call, or volunteer fire departments.
4. Marion County	Marion County proposes funding for the Tennessee Pipeline Emergency Responder Initiative (TNPERI) to concentrate adequate training in pipeline response to all jurisdictions, particularly in HCAs and underserved communities. Although a curriculum is ready and trainers have been identified, the group's ability to offer training is dependent on initial grant funding to demonstrate a proof of concept that will lead to financial support by pipeline operators around the state.	TN	Highly Recommended	\$450,336	\$450,336	PERG funding will help the TNPERI program develop and deliver pipeline emergency response training to all first responders in the state of Tennessee (in partnership with the Tennessee Fire and Codes Academy and the Tennessee Commission on Firefighting).
5. Mississippi State Fire Academy (MSFA)	MSFA requests funds to purchase training supplies, props, literature, and training aids, and teach the Mississippi Pipeline Emergency Response Initiative (MSPERI) program to emergency responders. MSPERI training will provide detailed education, mitigation, and pre-planning techniques and opportunities	MS	Highly Recommended	\$365,719	\$365,719	PERG funding will support first responder preparedness in Mississippi and will have particular benefit to those located in or near HCAs throughout the state by providing consistent pipeline

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	for all public safety disciplines. The goal is to reach all personnel within a department or agency to ensure responders to a pipeline emergency or gas leak are aware and prepared to respond.					emergency training to emergency responders.
6. Northampton County	Northampton County proposes to fund instructional training courses, and purchase pipeline training props to be stored and utilized by the Northampton County Fire School. The proposed projects will educate and improve safety for first responders, communities, and the environment by providing county agencies with the necessary tools to help their response, monitoring, and recovery from pipeline incidents. The projects and items would be purchased and maintained as primary assets during pipeline incidents.	PA	Highly Recommended	\$104,857	\$104,857	PERG funding will support activities that include both instructional training courses as well as pipeline training props to be stored and utilized by the Northampton County Fire School. This will allow instructors of the fire school as well as agency staff to utilize these props to help instruct training courses as well as allow local response agencies to educate their members on pipeline incidents and response actions.
7. New York Division of Homeland Security (NY DHS)	NY DHS proposes projects to support pipeline response training offered by the Division of Homeland Security and Emergency Services (DHSES) Office of Fire Prevention and Control. Funds will also be used to purchase a large-scale pipeline end of pipeline loading rack prop to support specialized training at the state's Academy of Fire Science; 15 five-gas detector meters for student training; and two foam appliances for students to practice firefighting foam application during training evolutions related to pipeline emergency response.	NY	Highly Recommended	\$204,000	\$204,000	PERG funding will provide hands-on training and close the gap for critical pipeline emergency response training in New York State. This will also improve and enhance the existing training for responders with the statutory responsibility to respond to accidents and incidents involving hazardous materials via the pipelines in New York State.

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8. South Carolina Adjutant General (SCEMD)	SCEMD proposes projects to make the South Carolina Pipeline Emergency Response Initiative (SCPERI) training accessible to all emergency responders in South Carolina. The training will be provided free of charge to all public safety agencies, and will be scheduled to accommodate the needs of the agency requesting training and the travel needs of SCPERI instructors. SCPERI will concentrate training in HCAs, counties with pipelines, and eventually to all areas that might be called upon to respond as mutual aid to those areas.	SC	Highly Recommended	\$365,541	\$365,541	PERG funding to SCEMD will provide the mechanism it needs to offer SCPERI training accessible to all emergency responders in South Carolina. To support SCPERI training accessibility, the training is provided free of charge to all public safety agencies. The training will have particular benefit to those located in or near HCAs throughout the state by providing consistent pipeline emergency training to emergency responders.



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9. Texas Division of Emergency Management (TDEM)	TDEM proposes funding to provide pipeline emergency response courses to Texas first responders. TDEM wants to increase first responder attendance to include volunteer fire departments, law enforcement, and EMS;; increase the number of training classes held in rural and underserved areas of the state, volunteer departments, and areas of high consequence; improve Local Emergency Planning Committees (LEPCs) activity by identifying training needs for pipeline emergencies; and finance Commodity Flow Studies (CFS) to help county LEPCs regarding pipeline product flow and the subsequent transportation of product from pipelines through their jurisdiction.	TX	Highly Recommended	\$800,000	\$500,000	PERG funding will help TDEM conduct a comprehensive statewide pipeline emergency response training curriculum, specifically targeting predominantly rural agencies, underserved communities, and public service organizations that have systemically been unable to participate in pipeline emergency response training.
10. Wayne County Emergency Management Agency (WCEMA)	WCEMA proposes projects to train local first responders using a simulator and offering the pipeline and simulation training regularly as part of training for all incoming personnel. The training will provide detailed education and mitigation techniques for all public safety disciplines. The goal is to reach all personnel in each agency, and ensure those who respond to a pipeline emergency or gas leak are aware and prepared to respond. Most of Wayne County departments are small community volunteer departments who cannot afford to pay the expenses related to training.	OH	Highly Recommended	\$61,650	\$61,650	PERG funding to WCEMA will support pipeline emergency response training and make it accessible to all emergency responders and dispatchers in Wayne County, enabling traditionally underserved and underfunded areas to prepare for pipeline incidents
11. West Central Texas Council of Governments	WCTCOG proposes projects to provide pipeline emergency response training for first responders to effectively respond and manage pipeline emergencies. With an	TX	Highly Recommended	\$485,591	\$485,591	PERG funding will enable WCTCOG to develop a comprehensive statewide pipeline emergency response

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(WCTCOG)	estimated 100 volunteer fire departments and hundreds of firefighters throughout the region, local emergency response training is a growing need that is not being met. This project offers an opportunity to address capability gaps and improve regional response to pipeline disasters by providing training, assessing the needs of their region, and developing improved communications between stakeholders.					training curriculum, specifically targeting predominantly rural agencies, underserved communities, and public service organizations that have systemically been unable to participate in pipeline emergency response training.
12. West Virginia Division of Emergency Management (WVEMD)	<p>WVEMD proposes projects to provide outreach, training, and assistance to state agencies, emergency management, first responders, and community partners to reach rural areas. This collaborative effort will continue to build relationships across the public sector, private industry, and response agencies throughout the state.</p> <p>WVEMD will train approximately 1,500 first responders, such as firefighters, Emergency Medical Technicians, and Emergency Medical Services personnel.</p>	WV	Highly Recommended	\$500,000	\$500,000	PERG funding will enable WVEMD to enact a comprehensive statewide pipeline emergency response training curriculum, targeting predominantly rural areas and underserved communities; and support PERG training sessions for Local Emergency Planning Committees (LEPCs), exercises and conferences, and relevant PERG grant monitoring visits.
13. Yazoo Office of Emergency Management (YOEM)	YOEM proposes projects to partner with a community recently impacted by a pipeline release; develop specialized training for unique products being transported, such as carbon dioxide and hydrogen; determine and establish protocols for notifying responders of a potential or confirmed pipeline release to mitigate unusual situations or unique attributes that pose additional and immediate threats to responders and the affected public;	MS	Highly Recommended	\$494,800	\$494,800	Yazoo County was impacted by a carbon dioxide release in February of 2020. PERG funding for YOEM will help future emergency response incidents by deploying new technology—specifically an app that provides information about infrastructure, including pipelines in each area—and

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	and identify the preferred mechanism for deploying information during the initial notification process of an emergency to responders directly.					developing best practices for emergency response notification to responders directly.
14. City of Clarksville (Gas and Water Department)	The City of Clarksville proposes funding for 20 employees and first responders from the Clarksville Police and Fire Departments to complete the Incident Investigation, Root Cause Analysis, and Management Oversight and Risk Tree (MORT) Certification 5-Day Workshop taught by Conger and Elsea in preparation for any pipeline incident. The expected outcome is attendees will understand what root causes lead to incidents; how to correct those root causes at the lowest levels; and how to respond quickly and efficiently using predeveloped response plans.	TN	Recommended	\$55,200	\$55,200	The City of Clarksville will benefit from PERG funded training by giving employees the skills and knowledge to identify the root causes of incidents by using various techniques, including interviews, analytics, and physical evidence. The training can then be used to prevent or prepare for future incidents, as well as pipeline emergency response specific incidents.
15. East Central Florida Regional Planning Commission (ECFRPC)	ECFRPC proposes funding to support the 2023–2024 and 2024–2025 Florida Hazardous Materials Symposium (FHMS). FHMS will dedicate at least 10 percent of its training curriculum to pipeline emergency response by partnering with pipeline owners and operators to create custom classroom and hands-on courses for symposium attendees.	FL	Recommended	\$643,295	\$321,648	The Technical Evaluation Panel (TEP) recommends awarding 50 percent of requested funds because the focus of the symposium is mostly hazardous materials. Only costs associated with pipeline emergency response training activities (and

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						their proportional share of indirect costs) can be charged to the PERG award. The TEP did see value in supporting this project because the venue has historically attracted attendees from around the country that are mostly from the emergency response community.
16. Franklin County	<p>Franklin County proposes to purchase a natural gas training prop and provide hands-on training at the Franklin County Training Grounds. The training center is set up to host live fire events and will be the most logical space to have the training prop installed.</p> <p>The County also proposes holding CAMEO (Computer-Aided Management of Emergency Operations) and MARPLOT (Mapping Application for Response, Planning, and Local Operational Tasks) training sessions with officers from the county fire departments, deputy fire coordinators and dispatch supervisors.</p>	NY	Recommended	\$64,211	\$64,211	PERG funding to Franklin County will help the county carry out hands-on training to the Hogsburg-Akwesasne Volunteer Fire Department in the Community of Akwesasne (within the borders of Franklin County), which qualifies as a disadvantaged community.
17. Onondaga County Department of Emergency Management (OCDEM)	OCDEM proposes conducting projects with all agency partners and pipeline stakeholders within their region by hosting four tabletop exercises during the grant's two-year period of performance. These exercises will focus on pipeline incident response and will be held in different counties that are part of the Regional HAZMAT Team. A pipeline incident in their region would require	NY	Recommended	\$121,000	\$121,000	PERG funding to OCDEM will help them develop and refine emergency pipeline response strategies; ensure all stakeholders are aware of their roles and responsibilities; and practice coordination and communication while in a mock environment.

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	response from partner agencies in three different counties; holding these exercises more than once and focusing on different areas of their region would greatly enhances their preparedness and coordination efforts.					
18. Utah State Fire Marshal's Office (USFMO)	USFMO proposes projects to develop interactive training for both liquid and gas pipeline emergencies; provide greater resources to schools for pipeline emergency preparedness and response; harness new technology to bring additional situational awareness and cognitive ability to the response community; and purchase training props, equipment, and supplies.	UT	Recommended	\$500,000	\$500,000	PERG funding to USFMO will help them develop materials that establish procedures for evaluating and responding to different types of pipeline emergencies; build awareness of potential pipeline-related threats and how they could impact the community; and improve coordination among different organizations, agencies, and other critical stakeholders.
19. Anderson Police Department (APD)	APD proposes projects to purchase pipeline emergency response drones and gas meters, and train local fire departments, public works members, medical personnel, and utility companies to have a concerted and effective response to a pipeline related incident. The training will also instruct a six-person team in advanced flight and sensor techniques specific to pipelines and related emergencies. The training would allow for a drone operator to fly and inspect a pipeline before, during, and after a pipeline incident using the drone sensors and an attached hazardous gas meter.	CA	Recommended	\$143,000	\$143,000	ADP currently has no formal response measures in place for a pipeline leak, explosion, or other pipeline related incident other than standard emergency incident response. They have had no formal training as it pertains to the response to a pipeline leak, explosion, or other incident. PERG funding will help them train together with local fire departments, public works members, medical personnel, and utility companies to have a concerted and

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						effective response to a pipeline related incident.
20. Snyder County	Snyder County proposes to purchase a 44-foot command post that will include a 911 center with dispatch and enable requests for resources. The command post, along with the county's drone and UTV, will be used to hold pipeline emergency response trainings for local, regional, and state representatives, including the Hummel Station operators and stakeholders, fire chiefs, chiefs of police, ambulance services, the 911 center, and county and municipal governments. Equipment costs are to cover the Mobile Command Center, which will be used for all pipeline training and safety.	PA	Acceptable	\$160,198	\$6,765	Snyder County's proposal was acceptable, but the TEP could not justify the need to use a 44-foot command post for pipeline emergency response training. The TEP recommend funding only for pipeline emergency response training for staff personnel.
			<b>Total:</b>	\$6,599,928	\$5,824,848	

## Attachment 2

## FY 2023 Not Recommended for PERG Award

Applicant	Proposal Summary	State	Rating	Funds Requested	Not Recommended Award	Basis for Recommendation
1. Tallahassee Fire Department (TFD)	TFD proposes projects to supplement the resources and training of Florida's Task Force 2 Hazmat Response Team by updating the current cache of available tools and resources, as well as providing initial and refresher hazmat technician training to members of the Tallahassee Fire Department and prospective members of the Florida Task Force 2 Hazmat Response Team. The secondary goal is to increase response capabilities throughout the Task Force 2 response area by informing other agencies of the capabilities and resources of the Hazmat response team. This goal will be achieved with assistance from the Apalachee Local Emergency Planning Committee.	FL	Not Recommended	\$496,771	\$0	The TEP could not justify funding TFD's application because the proposed training was only for hazmat technician certifications and technician refresher courses—very little was mentioned about pipeline safety training. In addition, the majority of requested grant funds were for hazmat related equipment with no mention of how or if it is applicable to pipeline emergency response.
			<b>Total:</b>	\$496,771	\$0	