



Hurricane Irma & Hurricane Harvey

September 19 Event Summary (Report #38)

REPORT TIME & DATE:	12:00 PM EDT Tuesday, September 19, 2017
INCIDENT START DATE:	Friday, August 25, 2017
PRIMARY LOCATION(S):	Irma: FL, GA, NC, SC, Puerto Rico, & USVI // Harvey: TX & LA
REPORT DISTRIBUTION:	Public

Note: DOE will begin comprehensive reporting on impacts from Hurricane Maria on Wednesday, September 20 and will continue to phase out information related to Hurricanes Irma & Harvey.

EXECUTIVE SUMMARY

On September 10 Hurricane Irma moved across the Florida Keys as a category 4 storm before making landfall near Marco Island, Florida as a category 3. Irma moved north along the Florida peninsula and into Georgia and the Tennessee Valley, before dissipating. At the time of landfall, hurricane-force winds extended up to 60 miles from the center and tropical storm-force winds extended up to 415 miles.

DOE continues to support restoration efforts from both Hurricane Harvey and Hurricane Irma. ESF #12 responders are supporting FEMA Incident Management Assistance Teams in St. Thomas and St. Croix and responders are also deployed to the FEMA Region II and IV Coordination Centers, and the Florida State Emergency Operations Center. DOE is preparing staffing plans in preparation of potential impacts from Hurricane Maria and Hurricane Jose as well as plans to ensure safety of deployed personnel and to minimize burden on local resources during the storm.

Irma Electricity Sector Summary (as of 10:30 AM EDT Tuesday)

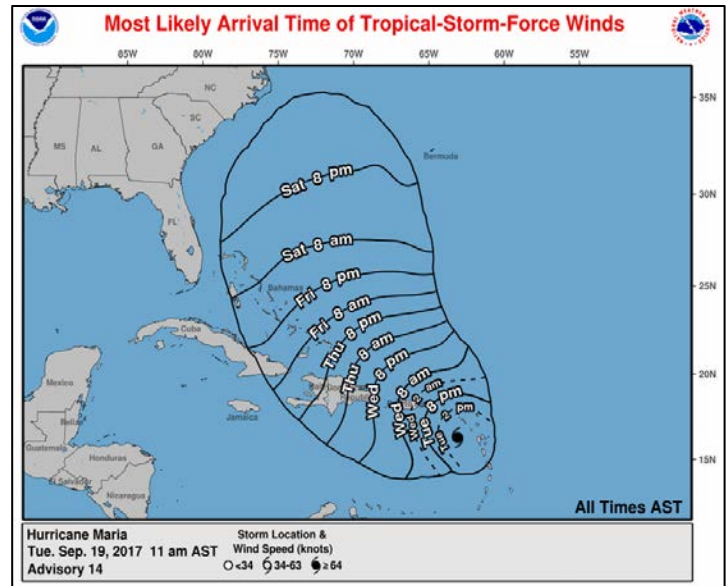
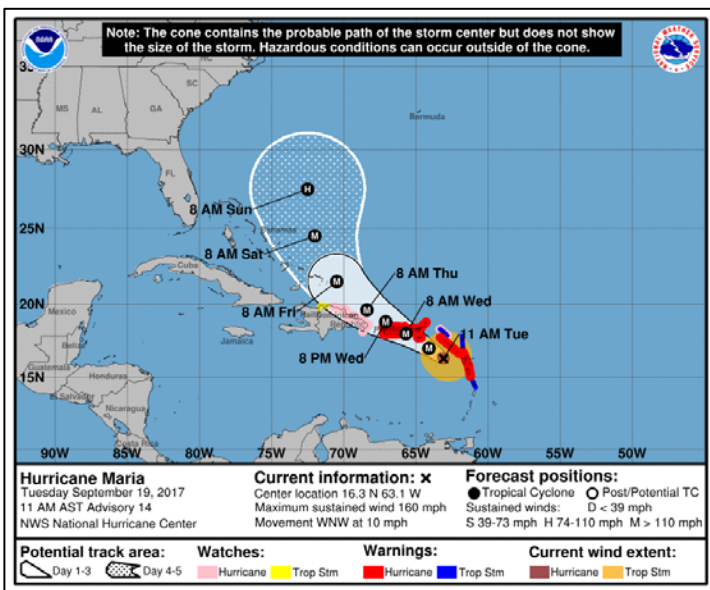
- Florida: 202,439 customer outages (2% of total state customers)
 - Most utilities estimated that 95% of customers would be restored by September 18. FPL estimates that for customers on the west coast, 95% will be restored by September 22
- Puerto Rico: 61,308 customers (3.9% of total customers)
- USVI: Several key areas of St. Thomas & St. Johns have been re-energized; however most customers remain without power. Restoration efforts are underway. DOE is working with FEMA, and the Western Area Power Administration to facilitate additional materials and mutual aid.
- Preparations are underway in both Puerto Rico and the USVI in advance of Hurricane Maria

Irma Oil and Natural Gas Sector Summary (as of 10:30 AM EDT Tuesday)

- Most ports have reopened including Port Everglades, Jacksonville, and Tampa
- In addition to the petroleum product tankers that arrived since the storm passed, tankers have arrived today, with additional tankers expected to arrive later this afternoon
- Florida is working closely with gasoline truckers & shippers to ensure timely delivery of product to retail stations and reports from state officials as well as data from GasBuddy.com indicate that the situation continues to improving
- No issues have been reported with any key pipelines transporting petroleum products throughout the affected region

HURRICANE MARIA OVERVIEW

As of 11:00am, Hurricane Maria was 115 miles west of Guadeloupe and 150 miles southeast of St. Croix, moving west-northwest at 10 MPH with maximum sustained winds of 160 MPH (category 5). Hurricane-force winds extend outward from the center up to 35 miles and tropical storm-force winds extend outward up to 140 miles. On the forecast track, the eye of Maria will move over the northeastern Caribbean Sea today, and then pass near or over the Virgin Islands and Puerto Rico on Wednesday. The U.S. Virgin Islands are likely to begin to experience tropical storm-force winds Tuesday evening, followed by Puerto Rico late Tuesday or early Wednesday. The center line of the latest forecast shows the core of Irma passing just south of St. Croix Wednesday morning and potentially making landfall or passing near Puerto Rico Wednesday afternoon. Storm surge of 6 to 9 feet is possible if peak surge occurs during high-tide and Maria is expected to produce 10 to 15 inches of rain in the Virgin Islands and 12 to 18 inches of rain in Puerto Rico. Hurricane Warnings are in effect for Puerto Rico, the Virgin Islands, and most of the Leeward Islands.



Hurricane Irma

ELECTRICITY SECTOR

IMPACTS TO CONTINENTAL UNITED STATES

Damage assessments and restoration efforts continue throughout the region. Fallen trees and power lines, as well as significant debris in the hardest-hit areas are creating challenges for crews; however, overall customer outages continue to decrease.

ELECTRICITY OUTAGES AS OF 10:30 AM EDT 09/19/2017			
Impacted State	Current Confirmed Customer Outages	Percent of Confirmed State Customers without Power	24-hr Peak Customer Outages
Florida	202,439	2%	386,762
Total	202,439	--	*

**There is no sum of the Peak Customer Outage column because peaks for individual utilities occur at different times; a total would not reflect peak outages.*

Florida

- As of 10:30 AM EDT, September 19, Florida has 202,439 customer outages (2% of total state customers).
 - Florida Power and Light (FPL) has 108,890 customer outages.
 - Duke Energy Florida has 59,284 customer outages.
 - Keys Energy Service has 9,419 customer outages.
- As of 10:00 AM EDT, September 18, FPL has restored power to approximately 95% of customers impacted by the storm.
 - A workforce of more than 24,000 personnel is focused on restoring remaining outages.
 - Alachua and Miami-Dade counties are nearly 95% restored and are expected to be near completely restored by end of day Tuesday, September 19.
 - Charlotte, De Soto, and Manatee counties are nearly 95% restored and are expected to be near completely restored by end of day Wednesday, September 20.
 - Glades and Hendry counties are nearly 90% restored and are expected to be near completely restored by end of day Thursday, September 21.
 - Collier County is expected to be near completely restored by Friday, September 22.
 - More than 99% of high-priority critical infrastructure facilities have been restored. More than 95% of schools and 99% of nursing homes, classified as priority, have been restored.
- As of 9:00 PM EDT, September 18, Duke Energy Florida has restored power to nearly 1.85 million customers impacted by the storm.
 - Restoration to severely impacted areas, such as Hardee, Highlands, Lake, Orange, Polk, and Volusia counties, is estimated to be complete by end of day, September 19.



- As of 10:00 AM EDT, September 18, TECO Energy (TECO) has restored service to nearly 99% of customers affected by Irma. In total, 425,000 of TECO's 750,000 customers were impacted.
 - TECO reported that some customers with more complex damage will take additional time to restore.
- As of 8:30 PM EDT, September 18, Ocala Electric (over 50,000 customers) has restored power to all customers impacted by Hurricane Irma.
- At 1:45 AM EDT, September 18, the tieline, the Keys' main transmission line, was tripped offline due to a fault in Florida Keys Electric Co-op (FKEC) service area. FKEC were able to re-energize the tieline as of 7:00 AM EDT.
 - As of 8:00 AM EDT, September 18, 86% of Keys Energy Service customers from Key West to Key Haven have been restored. Beyond that, where the damage was worse, only 13% of customers have been restored.
 - Keys Energy Services estimates power restoration from Key West to Sugarloaf by September 21.



IMPACTS TO PUERTO RICO AND U.S. VIRGIN ISLANDS

ELECTRICITY OUTAGES AS OF 7:20 AM EDT 09/19/2017			
Source: ESF#12 Responders			
Impacted State	Current Confirmed Customer Outages	Percent of Confirmed State Customers without Power	24-hr Peak Customer Outages
Puerto Rico	61,308	3.9%	63,503
Total	61,308	--	--

- As of 7:20 AM EDT, September 19, the Puerto Rico Electric Power Authority (PREPA) is reporting 96% restoration with 61,308 customers (3.9% of total customers) without power.
 - PREPA will activated their emergency plan yesterday, September 18, to prepare for potential impacts from Hurricane Maria.
 - The restoration work in the remote rural areas is estimated to take up to one month.
 - DOE is coordinating with PREPA, FEMA, and industry on potential mutual aid, if needed.
- U.S. Virgin Islands (USVI) WAPA reported they are monitoring Hurricane Maria and potential impact on restoration work and are adjusting accordingly:
 - No restoration work will be done today, September 19.
- As was the case with Irma, the power plants will continue to generate electricity through the storm as long as the distribution system is functional.
- DOE is working closely with industry and FEMA to facilitate mutual aid for the U.S. Virgin Islands, while ensuring minimal burden on the USVI from additional personnel during Hurricane Maria.
- As of September 16, USVI WAPA announced initial assessments of the transmission and distribution system in St. Thomas and St. John with estimate of damage at about 90% to 95% of the system.
 - Some key critical infrastructure and a few communities across the islands have power.
 - USVI WAPA remains in a clean-up mode and restoring/supplying electricity to critical infrastructure facilities across the islands of St. Thomas and St. John. Once this work has been completed, and a final damage assessment is available, the USVI WAPA will develop a comprehensive restoration plan for the islands.
 - St Croix is expected to be completely restored by end of day September 21.



OIL & GAS SECTOR

PORTS

- The U.S. Coast Guard has set the following conditions for ports and waterways in the U.S. Southeast and Caribbean as a result of Hurricane Irma. Listed in the table are ports that receive petroleum products.

Status of Southeast and Caribbean Ports as of 11:00 AM EDT 09/19/2017			
Port	Average Daily Receipts (b/d)*	Status	Date Stamp
Sector San Juan			
Puerto Rico Ports	139,000**	Port Condition Zulu for Hurricane Maria. Closed (all ports).	09/19/17
U.S. Virgin Islands Ports	18,000**	Port Condition Zulu for Hurricane Maria. Closed (all ports).	09/19/17
Sector Miami			
Port Everglades	298,000**	Open without restrictions.	09/12/17
Miami	1,500	Open without restrictions.	09/13/17
Port of Palm Beach	500	Open without restrictions.	09/13/17
Sector Key West			
All Ports	--	Open with restrictions. Temporary regulated navigation area and safety zone established. Speed restrictions in place, effective through 10/01.	09/16/17
Sector St. Petersburg			
Tampa	273,700	Open without restrictions.	09/14/17
Port Manatee	700	Open without restrictions.	09/14/17
Sector Jacksonville			
Port of Jacksonville	69,800	Port Condition IV. Open without restrictions.	09/13/17
Port Canaveral	32,200	Port Condition IV. Open without restrictions.	09/14/17
Sector Mobile			
Mobile (AL)	168,000	Open. Port Status Normal.	09/11/17
Pascagoula (MS)	(outbound)	Open. Port Status Normal.	09/11/17
Pensacola (FL)	11,400	Open. Port Status Normal.	09/11/17
Panama City (FL)	8,500	Open. Port Status Normal.	09/12/17
Gulf Intercoastal Waterway	--	Open. Port Status Normal.	09/13/17

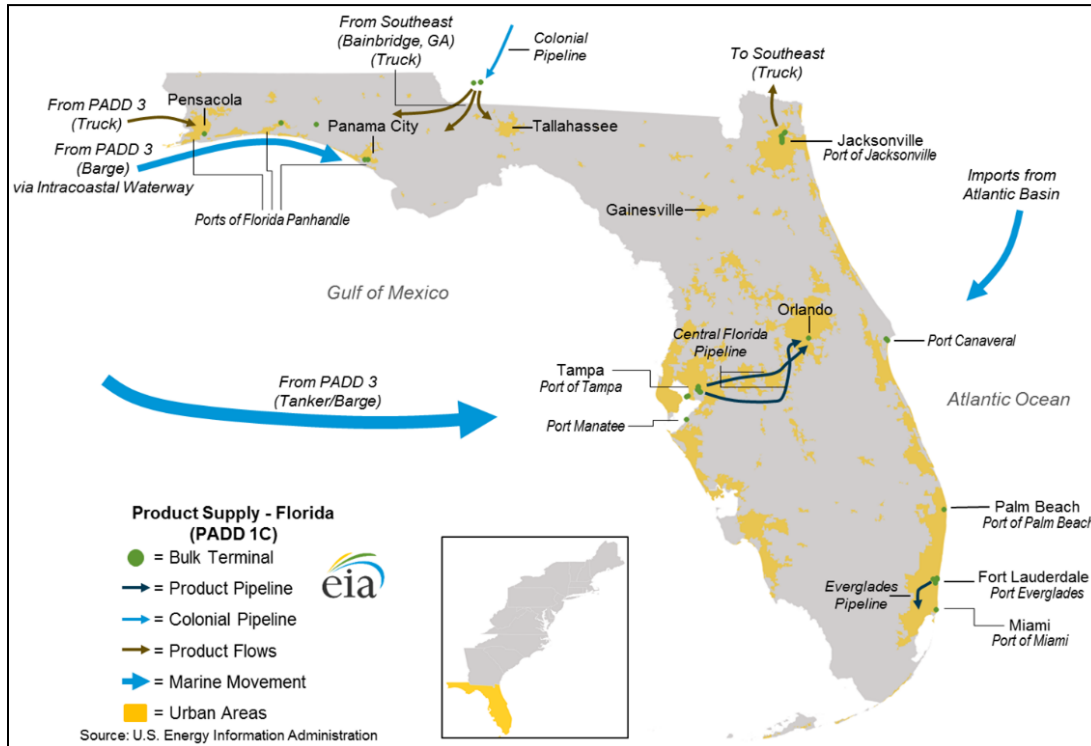
*Average receipts of transportation fuels (gasoline, distillate, and jet fuel), unless otherwise noted, when port is open.

**Includes bunker fuel and fuel oil and distillate for power generation.

Source: Receipt data from [U.S. EIA](#), USACE data (2013), EIA Company Level Imports



- Below is a map of key petroleum ports and petroleum product pipelines in Florida.



Source: EIA: <https://www.eia.gov/analysis/transportationfuels/padd1n3/>

Hurricane Harvey

OIL & GAS SECTOR

PETROLEUM REFINERIES

- As of 11:00 AM EDT, September 19, three refineries in the Gulf Coast region were shut down, according to public reports. These refineries have a combined refining capacity of 372,000 b/d, equal to 3.8% of total Gulf Coast (PADD 3) refining capacity and 2.0% of total U.S. refining capacity. No refineries began restarting operations since the last report.
- Two refineries are in the process of restarting after being shut down. This process may take several days or weeks to start producing product, depending whether any damage is found during restart. Production should be assumed to be minimal until restart is completed. These refineries have a combined capacity 658,770 b/d, equal to 6.8% of total Gulf Coast (PADD 3) refining capacity and 3.6% of total U.S. refining capacity. Three refineries began operating at reduced rates since the last report.
- At least eight refineries in the Gulf Coast region were operating at reduced rates, according to public reports. These refineries have a combined total capacity of 2,675,429 b/d, equal to 27.6% of total Gulf Coast (PADD 3) refining capacity and 14.4% of total U.S. refining capacity. (NOTE: Actual crude throughput (production) reductions are lower than the total combined capacity). Three refineries began operating at reduced rates since the last report and one that was previously operating at reduced rates returned to normal operations.



PORTS

- The U.S. Coast Guard has set the following conditions for ports and waterways in the Gulf Coast

Status of Texas and Louisiana Gulf Coast Ports as of 11:00 AM EDT 09/19/2017			
Port	Crude Imports Jan-May 2017 (b/d)	Status	Date Stamp
Sector Corpus Christi			
Brownsville	--	Open.	08/31/17
Corpus Christi	245,000	Port Condition Recovery. Open with restrictions. Allowing vessels up to 43' draft to transit during daytime hours only.	09/11/17
Sector Houston and Galveston			
Freeport	133,000	Port Condition Recovery. Open. 24/7. 38' max draft.	09/05/17
Galveston	114,000	Port Condition Recovery. Galveston Bay Entrance Channel, Outer Bar Channel, Inner Bar Channel, Bolivar Roads Anchorages, Bolivar Roads Channel, and Galveston Harbor open 24/7.	09/05/17
Houston	646,000	Port Condition Recovery. Open with restrictions. Intracoastal Waterway open 24/7. Houston Ship Channel open 24/7 below Sidney Sherman bridge with draft restrictions: <ul style="list-style-type: none"> Entrance Channel to Houston Cement West – 42-foot to 40-foot max draft. Houston Cement West to Sidney Sherman Bridge – 36-foot max draft 	09/13/17
Texas City	134,000	Port Condition Recovery. Open. 24/7 with no restrictions.	09/05/17
Sector Port Arthur and Lake Charles			
Beaumont	33,000	Port Condition Recovery. Open with restrictions. Max draft of 26 feet on Neches River from ExxonMobil to Port of Beaumont due to shoaling. Max draft of 36 feet established on Neches River from Light 68 to ExxonMobil.	09/15/17
Lake Charles	218,000	Port Condition Recovery. Open with restrictions. 37 feet draft restrictions of the Calcasieu Ship Channel.	09/05/17
Nederland	--	Port Condition Recovery. Open with restrictions. 38.5 feet draft restrictions for Sabine-Neches Waterway for vessels of 106 ft beam or greater, otherwise is open to full 40 ft charted depth.	09/15/17
Port Arthur	687,000	Port Condition Recovery. Open with restrictions. 38.5 feet draft restrictions for Sabine-Neches Waterway for vessels of 106 ft beam or greater, otherwise is open to full 40 ft charted depth.	09/15/17
Port Neches	--	Port Condition Recovery. Open with restrictions. 38.5 feet draft restrictions for Sabine-Neches Waterway for vessels of 106 ft beam or greater, otherwise is open to full 40 ft charted depth.	09/15/17
Sabine Pass	--	Port Condition Recovery. Open with restrictions. 38.5 feet draft restrictions for Sabine-Neches Waterway for vessels of 106 ft beam or greater, otherwise is open to full 40 ft charted depth.	09/15/17

Source: U.S. Coast Guard



Emergency Declarations & Waivers

EMERGENCY DECLARATIONS

- Twelve states, including Puerto Rico and USVI, declared state emergencies due to Harvey and Irma. These declarations automatically waived select Federal Motor Carrier Safety Regulations (FMCSRs), including hours-of-service (HOS) regulations, for motor carriers hauling resources to aid in restoration efforts. The declarations exempted FCMSR in every state along the motor carrier’s route as long as the final destination was with the declared disaster areas. Some HOS waivers applied specifically to the movement of petroleum products in or through the state. On September 18, USVI and Puerto Rico declared a state of emergency for Hurricane Maria.
- In addition, the Federal Motor Carrier Safety Administration (FMCSA) issued a Regional Emergency Declaration for Hurricane Harvey exempting FMCSRs in the States of Texas and Louisiana. On August 31, the FMCSA expanded the Regional Emergency Declaration to additional states and Washington, DC. On September 6, the Regional Emergency Declaration was extended for states affected by Hurricane Irma. On September 7, the Irma Regional Declaration was expanded again to include states in the Mid-Atlantic and Northeast. On September 11, an Amended Regional Declaration of Emergency was released that extended the exemption of FMCSRs in all 27 states and Washington D.C. through September 30, 2017, or the end of the emergency as defined.
- The table below summarizes emergency declarations and HOS waivers issued by states in response to the impacts of Hurricane Harvey and Hurricane Irma.

State Emergency Declarations and HOS Waivers <i>as of 11:00 AM EDT 09/19/2017</i>				
State	Details	Effective Dates		Status
		Start	End	
Regional (Multi-State)	Regional Emergency Declarations and FMCSR waivers issued by FMCSA. For Harvey: Applies to Alabama, Arkansas, Colorado, Connecticut, Delaware, Florida, Georgia, Illinois, Indiana, Kansas, Kentucky, Louisiana, Maryland, Mississippi, Missouri, New Jersey, New York, North Carolina, Ohio, Oklahoma, Pennsylvania, Tennessee, Texas, South Carolina, Virginia, Washington, D.C., and West Virginia. For Irma: Applies to Alabama, Florida, Georgia, Mississippi, North Carolina, South Carolina, Tennessee, Connecticut, Delaware, Maine, Maryland, Massachusetts, New Hampshire, New Jersey, New York, Pennsylvania, Rhode Island, Vermont, Virginia, West Virginia, D.C., Puerto Rico, & the U.S. Virgin Islands.	For Harvey: 08/25/17 Expanded for Harvey: 08/31/17 For Irma: 09/06/17 Expanded For Irma: 09/07/17 Extended: 09/11/17	Extension for All States: 09/30/17	Active



Alabama	State of Emergency/HOS waiver issued for petroleum products and petroleum-related supplies, goods, and services in the State. International Registration Plan and International Fuel Tax Agreement requirement suspended for vehicles engaged in or travelling through Alabama for disaster relief efforts in Florida.	08/30/17 09/08/17	09/29/17 10/08/17	Active
Florida	State of Emergency/HOS waiver	09/04/17	11/03/17	Active
Georgia	State of Emergency/HOS waiver expanded to all counties in Georgia on 9/10.	For Harvey: 08/30/17 For Irma: 09/07/17 Expanded for Irma: 09/08/17 Expanded for Irma: 09/10/17	09/22/17	Active
Kansas	Governor acknowledged state of emergency in Texas and declared that licensing rules, registration and fuel tax permits, and oversize vehicle permit fees are waived for motor carriers and persons operating motor vehicles directly participating in the relief and restoration effort.	08/30/17	09/30/17	Active
Kentucky	State of Emergency/HOS waiver issued for transporters of food, water, medicine, fuel and other commodities within the affected areas to aid in emergency response of affected areas.	08/28/17	09/27/17	Active
	State of Emergency Declaration/HOS waiver for petroleum products.	08/31/17	09/30/17	Active
Louisiana	State of Emergency.	08/23/17	TBD	Active
Michigan	State of Emergency/HOS waiver issued for petroleum products through the state.	08/31/17	09/15/17	Expired



North Carolina	State of Emergency/HOS waiver issued for petroleum products.	08/31/17	09/30/17	Active
	State of Emergency/HOS waiver issued for petroleum products, and emergency relief supplies and services through the state.	09/07/17	10/06/17	Active
Puerto Rico	State of Emergency	09/04/17 Declared for Maria: 09/18/17	--	Active
South Carolina	State of Emergency/HOS waiver issued for petroleum products through the state.	09/06/17	10/06/17	Active
Tennessee	Limited State of Emergency. EO-67 suspends certain vehicle restrictions for vehicles providing emergency supplies, equipment, or mobile housing units	09/11/17	11/08/17	Active
Texas	State of Disaster declared for 61 counties in Texas.	08/23/17 Expanded: 08/30/17 Expanded: 09/01/17	TBD	Active
Virginia	State of Emergency/HOS waiver issued for petroleum products through the state.	For Harvey: 09/01/17 For Irma: 09/07/17	For Harvey: 09/15/17 For Irma: 06/30/18, or rescinded.	Active
U.S. Virgin Islands	State of Emergency	09/04/17 Declared for Maria: 09/18/17	--	Active

Sources: [U.S. Department of Transportation](#); Governor Office Websites

FUEL WAIVERS

- The table below lists fuel-related waivers issued by the U.S. Environmental Protection Agency (U.S. EPA) and other Federal and State agencies for Hurricanes Harvey and Irma.
- On August 30, U.S. EPA issued a multi-state (13 states) waiver for requirements of low-RVP conventional gasoline and reformulated gasoline (RFG) in response to Hurricane Harvey. The next day, the waiver was expanded to include 38 states and Washington, DC. On September 7, in preparation for Hurricane Irma, the EPA extended the temporary waiver for RFG until September 26. The low-RVP waiver for all states (except Texas) expired September 15 when the normal season RVP change occurs. In addition, EPA extended the Low Volatility SIP waiver in Texas and other federally-enforceable areas through September 16. This was extended on September 13 to October 1.



State Fuel Waivers as of 11:00 AM EDT 09/19/2017					
State	Waiver	Issued By	Effective Dates		Status
			Start	End	
Multi-state waiver	RVP standard waived for gasoline sold in affected counties where low-RVP gasoline is required (9.0 RVP or lower). Allows sale of gasoline up to 11.5 psi RVP in all states located in PADD 1, PADD 2, and PADD 3. RFG standard is also waived in the designated regions. Also waived are provisions prohibiting the blending of RFG blendstock with conventional gasolines or blendstocks.	U.S. EPA	For Harvey: 08/30/17 Expanded for Harvey: 08/31/17 Extended for Irma: 09/07/17	For RVP: 09/15/17 For RFG: 09/26/17	Expired Active
TX	RFG requirement waived in Houston-Galveston-Brazoria areas. Waiver expanded to four-county Dallas-Fort Worth RFG area 8/26. Allows the sale or distribution of conventional gasoline. This was extended on 09/13 to October 1.	U.S. EPA	08/25/17 Expanded: 08/26/17	09/15/17 Extended: 10/01	Active
TX	7.8 psi RVP standard waived for gasoline sold in 20 counties where low-RVP gasoline is required and are also under the Governor’s Disaster Declaration. Waiver expanded to 98 counties required to use low-RVP fuel 8/26. Allows sale of gasoline up to 9.0 psi RVP. This was extended on 09/13 to October 1.	U.S. EPA	08/25/17	09/16/17 Extended: 10/01	Expired
TX	Limited waiver of highway diesel fuel red dye requirements. Allows sale, distribution, and use of red dye NRLM diesel fuel for use in highway diesel vehicles, but diesel fuel must meet 15 ppm standard.	U.S. EPA	08/29/17	09/15/17	Expired
FL	Limited waiver of highway diesel fuel red dye requirements. Allows sale, distribution, and use of red dye NRLM diesel fuel for use in highway diesel vehicles, but diesel fuel must meet 15 ppm standard.	U.S. EPA	09/06/17	09/22/17	Active
	Waiver of tax penalties when dyed diesel fuel is sold and used for highway use in Florida.	U.S. IRS	09/06/17	09/22/17	Active
LA	RVP requirements of 7.8 psi and 9.0 psi waived in applicable areas. Permits the sale or distribution of winter gasoline with an 11.5 psi RVP.	State of Louisiana	08/29/17 Expanded: 08/30/17	09/15/17	Expired



MI	RVP regulations waived. Permits the transportation and sale of motor fuels 9.0 psi RVP in Wayne, Oakland, Macomb, St. Clair, Livingston, Washtenaw, Monroe, and Lenawee counties, and up to 11.5 psi RVP elsewhere in Michigan.	State of Michigan	08/31/17	09/15/17	Expired
MS	RVP standards of 9.0 psi waived. Permits the sale or distribution of winter gasoline with an 11.5 psi RVP.	State of Mississippi	08/30/17	09/15/17	Expired
SC	RVP standards of 9.0 psi waived. Permits the sale or distribution of winter gasoline with an 11.5 psi RVP. Allows the comingling of RFG with conventional gasoline. Waives butane blending and T V/L = 20 requirements.	State of South Carolina	09/07/17	10/31/17	Active
VA	Waived the RVP limit for gasoline ethanol blends prescribed by regulations. Extended waiver to apply through duration of Hurricane Irma impact on 9/8.	State of Virginia	09/01/17 Extended: 09/08/17	Until further notice.	Active

Sources: U.S. Environmental Protection Agency; State Governments

OTHER WAIVERS

- On September 8, the Acting Secretary of **Homeland Security** [waived Jones Act](#) requirements for shipping refined petroleum products –including gasoline, diesel and jet fuel— to Florida for a 7-day period. The waiver of the Jones Act will allow foreign flag vessels to bring in fuel from New York, Pennsylvania, Texas, and Louisiana to South Carolina, Georgia, Florida and Puerto Rico to help with fuel shortages amid the threat from Hurricane Irma. On September 11, the Jones Act waiver was expanded to include shipments from all states in PADD 1B and PADD 3 to all states in PADD 1C. The waiver applies to covered merchandise laded on board a vessel through and including September 22, 2017.
- On September 5, the **Federal Energy Regulatory Commission (FERC)** approved an emergency waiver tariff, effective immediately, allowing the pipeline system to accept 11.5 RVP gasoline (A3) to fill nominations for 7.8 RVP gasoline (A1) and 9.0 RVP gasoline (A2); and to ship conventional gasoline in lieu of reformulated gasoline. Colonial’s tariffs and tariff practices would not normally permit it to accept product that does not conform to the specifications of the product that was nominated.
- On September 8, **PHMSA** issued an Emergency Waiver Order under 49 U.S.C. 5103 and Stafford Act declarations made for the U.S. Virgin Islands, Puerto Rico, Florida, and South Carolina, to persons conducting operations under the direction of the Environmental Protection Agency and the U.S. Coast Guard that support appropriate actions to prepare for, respond to, and recover from a threat to public health, welfare, or the environment caused by actual or potential oil and hazardous materials incidents resulting from Hurricane Irma in Puerto Rico, U.S. Virgin Islands, Florida, and South Carolina. On September 10, 2017, based on a Stafford act emergency declaration, PHMSA amended this order to include Georgia.



- On September 1, **PHMSA** issued an Emergency Stay of Enforcements for operators affected by Hurricane Harvey. The declaration states that PHMSA does not intend to take any enforcement action relating to their noncompliance with certain operator qualification requirements, or pre-employment and random drug testing requirements, arising from the use of personnel for pipeline activities related to response and recovery. On September 7, PHMSA issued an enforcement stay for the waiver to include states affected by Hurricane Irma. The states included in this extension are Florida, Georgia, North Carolina, South Carolina, and Puerto Rico.
- On September 11, the **U.S. EPA** issued a blanket waiver for all power plant facilities in Florida, allowing them to operate without meeting all pollution controls in order to maintain the supply of electricity to customers and critical facilities across the state as a result of Hurricane Irma. The 'no action assurance' is temporary and will terminate on September 26, 2017; it was requested by the Florida Department of Environmental Protection and determined by EPA to be in the public's interest. The facilities must continue to comply with all other federal, state and local environmental law and are still required to monitor and report levels of regulated contaminants released.

