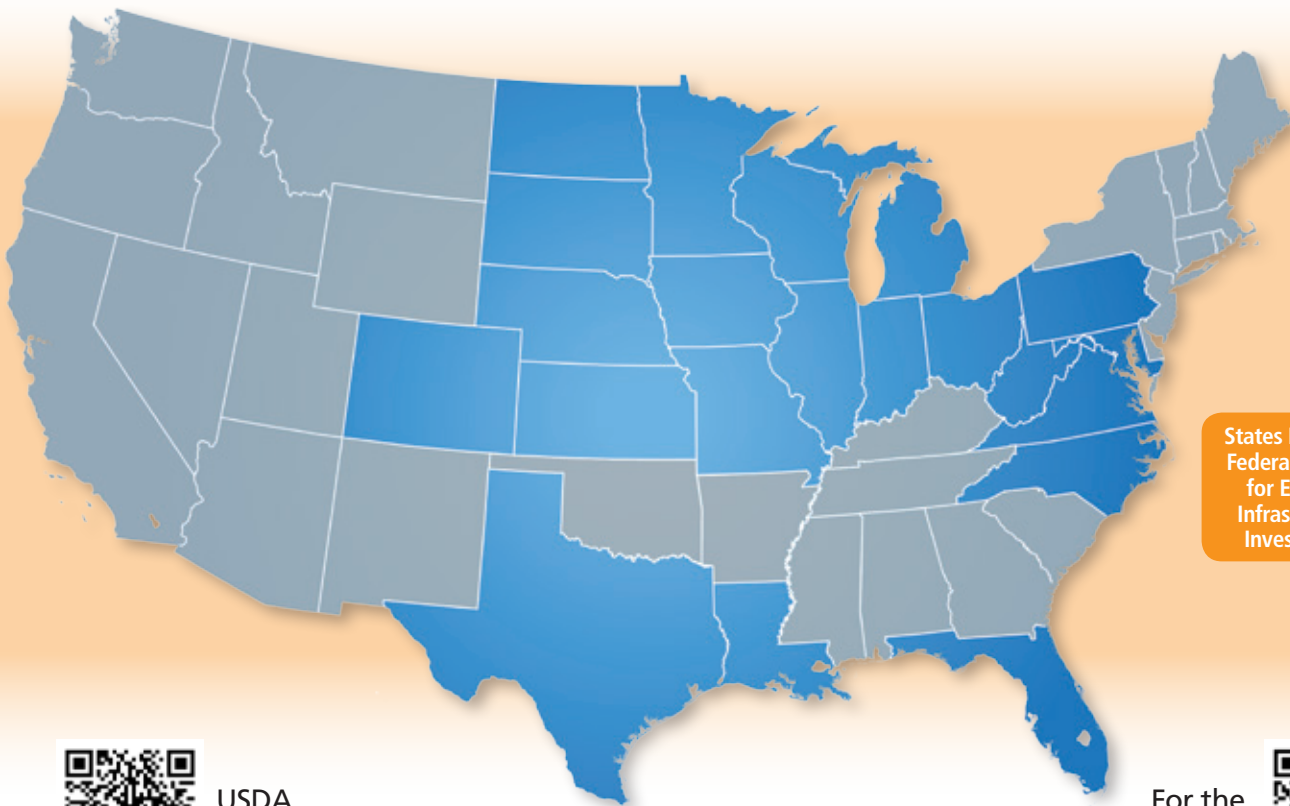


\$210 Million

Investment in Renewable Energy Infrastructure means exponential opportunity.

A major investment in infrastructure supporting renewable energy has been announced by the USDA, as part of the Biofuel Infrastructure Partnership (BIP). \$210 million dollars will be divided among 21 states participating in the BIP

including Colorado, Florida, Illinois, Indiana, Iowa, Kansas, Louisiana, Maryland, Michigan, Minnesota, Missouri, Nebraska, North Carolina, North Dakota, Ohio, Pennsylvania, South Dakota, Texas, Virginia, West Virginia, and Wisconsin.



States Receiving Federal Funding for E25/B20 Infrastructure Investments



USDA
 Renewable Energy
 Press Release

<http://www.usda.gov/wps/portal/usda/usdahome?contentidonly=true&contentid=2015/10/0300.xml>



For the amount awarded to each state

www.fsa.usda.gov/programs-and-services/energy-programs/bip/index

Biofuel Hanging Hardware Requirements

NFPA30A & OSHA 1910.106

Both require a Nozzle to be Listed, Marked, and Labeled per UL 2586 requirements. (NFPA 30A Section 6.3.2)

UL 2586

Applies to Nozzles for use up to an E10 ethanol blend and up to a B5 biodiesel blend. For ethanol or biodiesel concentrations above this, the Nozzle needs to be Listed per UL 2586A/B requirements. (UL 2586 Section 1.4-1.5)

UL 2586/2586A/2586B and UL 567/567A/567B

States that each Nozzle, Swivel, and Breakaway must be Labeled for the fuel it was Listed and intended to be used with.

E-25 Nozzles compatible up to E25 (25% Ethanol)



Handwarmer Color	11AP* Unleaded 2 Piece Handwarmer	11BP Unleaded 2 Piece Handwarmer
Green	11AP-0100-E25	11BP-0100-E25
Red	11AP-0300-E25	11BP-0300-E25
Black	11AP-0400-E25	11BP-0400-E25
Orange	11AP-0800-E25	11BP-0800-E25
Yellow	11AP-0900-E25	11BP-0900-E25

*11A Nozzles are no longer permitted and sold with Hold-Open Clips per UL 2586 requirements. Contact Customer Service for special color applications.

E-85 Nozzles compatible up to E85 (85% Ethanol)



Handwarmer Color	11BP Unleaded 2 Piece Handwarmer	11BP AdMaster™ 2 Piece Handwarmer
Red	11BP-0392-E85	—
Black	11BP-0492-E85	11BP-0492-E85-AD
Yellow	11BP-0992-E85	11BP-0992-E85-AD

Contact Customer Service for special color applications.

B-20 Nozzles compatible up to B20 (20% Biodiesel)



Handwarmer Color	11A Leaded* 2 Piece Handwarmer	11B Leaded 2 Piece Handwarmer
Green	11A-0100-B20	11B-0100-B20
Black	11A-0400-B20	11B-0400-B20
Yellow	11A-0900-B20	11B-0900-B20

*11A Nozzles are no longer permitted and sold with Hold-Open Clips per UL 2586 requirements. Contact Customer Service for special color applications.

B-20 Nozzles compatible up to B20 (20% Biodiesel)



Handwarmer Color	7H* with Spout Ring	7H* without Spout Ring	7HB with Spout Ring	7HB without Spout Ring
Green	7H-0100-B20	7H-5100-B20	7HB-0100-B20	7HB-5100-B20
Black	7H-0400-B20	7H-5400-B20	7HB-0400-B20	7HB-5400-B20
Yellow	7H-0900-B20	7H-5900-B20	7HB-0900-B20	7HB-5900-B20

*7H Nozzles are no longer permitted and sold with Hold-Open Clips per UL 2586 requirements. Contact Customer Service for special color applications.

We don't stop at the nozzle.
We've got you covered with swivels, breakaways and hoses.

OPW Swivels Compatibility



Model	36S	241TPS	20S	45
Up to E10	36S-5080	241TPS-0241	20S-7575	45-5060
Up to E25		241TPS-75RF		
Up to E85		241TPS-0492		
Up to B5	36S-5080 36S-5090	241TPS-0241 241TPS-1000	20S-7575 20S-1010	45-5060 45-5075
Up to B20		3/4" 241TPS-75RF 1" 241TPS-10RF		

OPW Breakaway Compatibility



Model	66V	66RB	68EZR	66REC	66SB
Up to E10	66V-0300	66RB-2000	68EZR-7575	66REC-1000	66SB-7575 66SB-1010
Up to E25	66V-030RF		68EZR-75RF		
Up to E85	66V-0492				
Up to B5	66V-0300 66V-1300 66V-1350	66RB-2000	68EZR-7575	66REC-1000	66SB-7575 66SB-1010
Up to B20	3/4" 66V-030RF 1" 66V-130RF 1" 66V-135RF	66RB-20RF	68EZR-75RF		

OPW Hose Compatibility



Straightening Hose:
66H-0975 - 9 inch (23 cm)



Curb Hose: 66H-08575
8.5 foot (2.6 m)

Model	9" Whip Hose	9" Low Perm Whip	8.5 ft Curb	8.5 ft Low Perm Curb
Up to E10	66H-0975	66H-0975-LP	66H-08575	66H-08575LP
Up to E25	66H-0975	66H-0975-LP	66H-08575	66H-08575LP
Up to E85	66H-0975-E85		66H-08575-E85	
Up to B5	66H-0975	66H-0975-LP	66H-08575	66H-08575LP
Up to B20	66H-0975	66H-0975-LP	66H-08575	66H-08575LP

E25, B20
Hose Kits Available

Contact Your OPW Distributor or Sales Representative



OPW Offers the Most Complete Line of Hanging Hardware for Alternative Fuels

Don't stop at the nozzle, OPW has you covered with swivels, breakaways and hoses for all your fueling applications. Alternative fuels now require unique product compatibility in fuels up to 25% Ethanol (E25), 85% Ethanol (E85), and Biodiesel up to 20% (B20).

New E25

New B20



68EZR

Now Approved for
E25 Ethanol and B20
Biodiesel Blends

To learn more about OPW's complete line-up of UL 2586-compliant nozzles & accessories, contact your OPW representative, OPW Customer Service at 1-800-422-2525 or visit OPWglobal.com.