

**Emissions Inputs and WESTAR-WRAP Regional Haze Modeling Runs  
Sept. 10, 2019 RTOWG call update**

<b>Emissions Sector</b>	<b>Modeling Runs</b>	<b>2014 Shakeout v1</b>	<b>2014 Shakeout v2</b>	<b>Current Representative Baseline</b>	<b>2028 OTW/OTB</b>	<b>2028 Potential Additional Controls / Sensitivity</b>
<b>EGU Facilities</b>	point	2014 NEI v2 + State Updates	2014 Shakeout v1 + State Updates	EGU project results / final state inputs	EGU project results / final state inputs	2028 OTW/OTB + potential State Controls
<b>non-EGU Facilities</b>	point	2014 NEI v2 + State Updates	2014 Shakeout v1 + State Updates	2014 Shakeout v2 + State Baseline rates	Representative Baseline + State OTW/OTB	2028 OTW/OTB + potential State Controls
<b>Oil &amp; Gas Development</b>	point	2014 NEI v2 + State Updates	2014 Shakeout v1 + State Updates	O&G Workgroup	O&G Workgroup, medium scenario	O&G Workgroup, choices by state
<b>On-Road Vehicles</b>	onroad	2014 NEI v2	<i>(No Change)</i>	2016v1 modeling platform data and/or adjusted data from 2014 NEI v2	Projections by modeling contractor with documentation	<i>(No Change)</i>
<b>Non-Road Mobile</b>	nonroad					
<b>Marine &amp; Off-Shore Shipping</b>	cmv					
<b>Planes &amp; Trains</b>						
<b>All Other Sources</b>	nonpoint	2014 NEI v2 + State Updates	<i>(No Change)</i>	<i>(No Change)</i>	Projections guidance by EI & MP Subcommittee	<i>(No Change)</i>
<b>Soil &amp; Vegetation</b>	biogenic	MEGAN 3.0 and/or BEIS	<i>(No Change)</i>	<i>(No Change)</i>	<i>(No Change)</i>	<i>(No Change)</i>
<b>Wildfire</b>	fire	2014 NEI v2	2014 NEI v2	FSWG Representative Baseline EI	<i>(No Change)</i>	Future Fire Scenario sensitivity run from Baseline EI
<b>Rx &amp; Ag Fires</b>	fire	2014 NEI v2	2014 NEI v2	2014 NEI v2	<i>(No Change)</i>	Future Fire Scenario sensitivity run from Baseline modeling data
<b>Wind Blown Dust</b>	<i>N/A (separate module)</i>	<i>N/A (separate module)</i>	<i>(No Change)</i>	<i>(No Change)</i>	<i>(No Change)</i>	<i>(No Change)</i>
<b>Canada within 36km domain</b>	all	<i>documentation to be added from work currently underway by modeling team</i>				
<b>Mexico within 36km domain</b>	all	<i>documentation to be added from work currently underway by modeling team</i>				
<b>Boundary Conditions</b>	flux by species	<i>documentation to be added from work currently underway by modeling team</i>				