

Fuel Mix Disclosure Workbook

This workbook is for your use only. You do not need to submit it.

It is designed to help you determine the appropriate number of claims per resource which you then report using the online Fuel Mix Disclosure form. The calculation methods used in this workbook are in alignment with those described in the Fuel Mix Disclosure Guidelines.

It may be especially helpful to utilities that have used renewables to serve load or purchased RECs .

Step 1: Enter your retail load in the empty block on the red Main tab. The blue fields will self-populate as you enter power resources into Tabs A, B, C and/or D.

Step 2: Enter all power resources and RECs using the appropriate tabs (A, B, C and/or D). See notes on each tab to decide where to enter resources.

Step 3: Review the figures that have self-populated on the Main tab. The figure in Line 22 should match the figure in Line 4. If it does not, review your entries to see where there may be an error.

Questions? Workbook error? Contact Angela Burrell, 360-725-3125 or Angela.Burrell@commerce.wa.gov

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The blue portions of this sheet will self-populate after Resource have been entered into Tabs A, B, C, D, where applicable.

Utility Mix

	megawatt hours
Retail Load Total (sales + losses)	3,321,329
Total Power Resources	22,919,037
Resources Excepted from the Av Syst Mix Method Eligible Renew, RECs, BPA Block	-
Removing Excepted Resources from Av Syst Mix Calculation	
Adjusted Load (Load minus Exceptions)	3,321,329
Adjusted Power (Power minus Exceptions)	22,919,037
Resource Allocation	
Load divided by Power	0.14
Figuring Claims	
Standard Power Purchases Claim Total (see Tab A)	3,321,329
Claims for Resources not in Ratio (see line 9)	-
Total Claims	3,321,329

You must enter the figure into this box.

Combined Total of Tabs A, B, C, D

Combined Total of Tabs B, C, D

Tab A claims total multiplied by Average System Mix Ratio

Tab B, C, D claims at full value.

When all claims have been entered, this number should equal the Retail Load Total in Line 4.

Claims and Mix						Carbon Emissions		
Fuel Category	Claims by Percent	Specified Claims MWh	Unspecified Claims MWh	Total Claims MWh	Fuel Mix	CO2 Emissions Factor (short tons/MWh)	Emissions (short tons)	Emissions (metric tons)
Hydro	30%	1,012,651	61,791	1,074,442	32%	0	-	-
Coal	62%	2,060,987	54,397	2,115,384	64%	1.13	2,398,512	2,175,450
Nuclear	3%	100,353	5,640	105,993	3%	0	-	-
Cogen	1%	22,000	-	22,000	1%	0	-	-
CCCT - Gas	0%	-	-	-	0%	0	-	-
Simple-Cycle Gas	0%	-	1,128	1,128	0%	0.50	566	513
Biomass	0%	-	2,381	2,381	0%	-	-	-
Other	0%	-	-	-	0%	0	-	-
Unspecified/Market	4%	-	-	-	-	-	-	-
	100%	3,195,991	125,338	3,321,329	100%	-	2,399,078	2,175,964

Eligible Renewable Power	MWh (megawatt hours)
Total	-

List by plant name. Use abbreviations or acronyms, etc. This is for your records only.
Include Distributed Generation Wind and Solar sources here.

BPA Block Purchase	MWh (megawatt hours)
Block	
Total	0

BPA customers:

Load Following/Full Requirements (100% BPA served): your information is being supplied directly by BPA.

Slice Customers: Enter your BPA purchase on Tab A.

Only one utility in Washington is a BPA block customer as defined by BPA.