

GUNNISON
Municipal Energy Agency of Nebraska
Resource Mix
CY 2018

	Fuel Type	MWh	% of Total	CO2 Emission Factor (3) (lbs/MWh)	CO2 Emissions (lbs)	CO2 Emissions (tons)
1	Total Energy Requirements	71,239				
2						
3	WAPA (Member's allocation)	20,249	28.4%	0	0	0
4	MEAN Overall Mix (1)	7,276	10.2%	0	0	0
5	Subtotal Hydro	27,525	38.6%	0	0	0
6						
7	Wind (Member's direct contract) (4)	6,986	9.8%	0	0	0
8	MEAN Overall Mix (1)	3,693	5.2%	0	0	0
9	Subtotal Wind	10,679	15.0%	0	0	0
10						
11	Landfill Gas (Member's direct contract) (4)	0		0		0
12	Landfill Gas Equivalent	0				
13	MEAN Overall Mix (1)	619	0.9%	0		
14	Subtotal Landfill Gas	619	0.9%	0	0	0
15	Subtotal Renewable	38,823	54.5%	0	0	0
16						
17	MEAN Overall Mix (1)	3,293	4.6%			
18	Subtotal Nuclear	3,293	4.6%			
19	Subtotal Non-Carbon	42,116	59.1%			
20						
21	MEAN Overall Mix (1)	28,599	40.1%	2,253	64,433,547	32,217
22	MEAN Overall Mix (1)	524	0.7%	1,576	825,824	413
23	MEAN Overall Mix (1)	0	0.0%	0	0	0
24	Subtotal Overall Mix (1)	29,123	40.9%		65,259,371	32,630
25						
26	Total Resources	71,239	100.0%		65,259,371	32,630

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28 (1) MEAN supplemental mix to Member/City reporting their WAPA, Wind and other non-carbon
29 resources individually.

30	Coal	65.0%	28,599
31	Nuclear	7.5%	3,293
32	Oil/natural gas	1.2%	524
33	Wind	8.4%	3,693
34	Hydro	16.5%	7,276
35	Landfill gas	1.4%	619
36	Market	0.0%	0
37	Total	100.0%	44,004

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39 (2) Assumes market purchases are 50% natural gas, 50% coal.
40 (3) Source: U.S. EPA, eGRID 2012 by State.
41 (4) Renewable Energy Credit (REC) is equal to 1 MWh of contracted renewable energy (Wind, LFG).

