

How the Lone Star Chapter of the Sierra Club Filled out the Survey!

Survey

You are invited to take this survey designed to gauge general reaction both to the generation mix Austin Energy currently employs, as well as the draft generation plan through 2020.

Current Resource Mix

(Please select the radio button below for each Fuel Type)

Please give us your feedback on the fuel types that **we currently use** in AE's generation mix; whether you would rather have less, more, or are comfortable with the current level.

Fuel Type	Current ly	Much Less	Less	Current	More	Much More
Coal	32.3%	X				
Nuclear	27.1%	X				
Gas	29%			X		
Wind	7.3%				X	
Solar	0%					X
Biomass	0.7%				X	

Note: The answers are predicated on continued reliance on natural gas as a bridge, transitional fuel as we move to wind, solar and biomass, while declining our reliance on coal and nuclear. The use of biomass is dependent upon the pollution control technology and upon the sustainability of the resource used. Sierra Club favors the use of small-scale plants where the wood resource can be sustainably harvested using state-of-the-art technology. Because of our existing contract with LCRA for coal and NRG for nuclear, reducing our use of these resources today would be very difficult, if not impossible, but we can plan for a transition over the next ten years.

Draft Resource Plan Proposal

(Please select the radio button below for each Fuel Type)

Please give us your feedback on the fuel types that **we have proposed** in our draft plan for AE's generation mix; whether you would rather have less, more, or are comfortable with the draft proposal.

Fuel Type	Draft Plan	Much Less	Less	Current	More	Much More
Coal	23.7%	x				
Nuclear	21.4%	x				

Gas	24.5%			x		
Wind	18.7%				x	
Solar	1.5%					x
Biomass	10.1%		x			

The answers are predicated on continued reliance on natural gas as a bridge, transitional fuel – particularly at peak demand -- as we move to wind, solar and biomass, while declining our reliance on coal and nuclear. The use of biomass is dependent upon the pollution control technology and upon the sustainability of the resource used. Sierra Club is concerned that 10 percent – or about 200 MWs – of biomass may be too high given factors related to the availability of sustainably harvested wood. The plan only calls for the development of 1.5% of solar, but with costs coming down, and technologies getting better, we believe that Austin could get at least 5% of its power from solar by 2020. Wind is by far the cheapest renewable resource and with new transmission lines being built, Austin could bring more on-line. Because of our existing contract with LCRA for coal and NRG for nuclear, reducing our use of these resources today would be very difficult today, but we can plan for a transition over the next ten years as we add conservation, biomass, solar and wind. In fact, we could end our use of coal by 2020.

Level of Conservation

Annual Peak Demand Reduction in Megawatts

Please give us your feedback on the level of conservation that **we are projecting** in our plan; whether you would rather have less, more, or are comfortable with the current level.

Fuel Type	Much Less	Less	Current	More	Much More
Conservation					x

Austin Energy originally said it could get 700 MWs of energy from energy efficiency measures by 2020 but is now saying it could get 800 MWs. Sierra Club believes that well-designed industrial, residential and commercial programs could do even better, which could help us quit the coal habit. Please enter your 5 digit ZIP Code: