SB100 will move California away from dirty fuels like gas and towards 100% using clean, renewable sources of energy like wind, solar, and geothermal.

Senate Bill 100, or SB100 (De Leon), is a proposed amendment to California’s Renewable Portfolio Standard (RPS). An RPS is a regulatory standard requiring a certain amount of energy to come from clean, renewable sources like solar and wind. Currently, the state of California RPS requires half of all electricity delivered by utilities to come from clean, renewable sources of energy by 2030.

SB100 builds on California’s clean energy leadership by establishing bold new targets for our state. SB100 creates a new target of having 60 percent of the electricity in our state come from renewable sources by 2030 and 100 percent from clean, renewable energy by 2045.

**WHY WE NEED SB100**

**California is too reliant on fossil fuels.**

Today, over half of California’s energy comes from dirty energy sources while only a quarter of our energy comes from renewable sources like wind and solar.¹

California’s reliance on dirty fuels, like gas, is putting the health and security of people across our state at risk.

Over 90 percent of Californians live in an area where the air is unhealthy to breathe.² In many regions, particularly in valleys and in big cities, the air quality is critically poor. While cars and trucks are a major contributor to this problem, power plants exacerbate the public health threats many face.

Across California, fossil fuel power plants are overwhelmingly located in low-income communities and communities of color. Disproportionately, these power plants impact communities in the top half of the state’s environmental justice map CalEnviroScreen (70% of all power plants in the 40% most polluted, overburdened communities).³

By transitioning away from dirty fuels that endanger public health, we can reduce one of the leading contributors to the environmental and health threats California communities face, particularly low-income communities and communities of color. SB100 will protect our most vulnerable populations from the dangers of fossil fuel pollution.

**Climate change is exacerbating extreme weather.**

Fossil fuels are known to emit carbon into the atmosphere and contribute to climate change. Rising sea levels threaten our coastal cities and communities. The changing climate is exacerbating weather events like droughts and wildfires that are threatening our families and economy.⁴

In California, a place already vulnerable to these threats, we can’t afford to continue contributing to climate change. Through SB100, California can tackle this challenge head on by leading the transition away from fossil fuels to clean, renewable sources of energy.
WHAT WILL SB100 DO?

Create resilient new jobs.

There are 500,000 Californians working in clean energy industries, over 100,000 in solar jobs alone. Nationally, in almost every state jobs in clean energy outpace fossil fuels. Unlike coal, jobs in renewable energy have a positive growth outlook. SB100 will accelerate an already growing sector to provide Californians across the state new, productive jobs.

Stabilize your electricity bill.

Since 2009, the price of solar and wind have dropped 86 and 77 percent, respectively. Improvements in energy storage and capture mean that these renewable sources are lower in price than any other new power plant. Renewables are already cheaper for the consumer than new coal, gas, or nuclear options. As technology improves, these prices will only continue to decrease, and while fossil fuels remain volatile and risky. The result is more stable electricity prices for families, businesses, and consumers statewide.

Establish California as a clean energy leader.

With the Trump Administration backing out of the Paris Agreement in June, it’s time for cities and states to take the lead where our federal government fails. California, as the sixth largest economy in the world, has the power to establish itself as a clean energy leader globally.

SB100 would pave the way for other states to follow and ultimately help the United States meet the emissions reductions outlined in Paris Agreement.

TAKE ACTION

SB100 puts its faith in California’s ingenuity and skilled workforce to transition our state from fossil fuels to 100 percent clean, renewable energy. In doing so, our air will become cleaner, our job sector stronger, and our communities more resilient.

Call your Assemblymember and urge them to support SB100. Not sure who to contact? Visit assembly.ca.gov to find your Assemblymember now.

Volunteer to get the word out about SB100’s clean energy future and all of its benefits for California. Visit www.sierraclub.org/my-generation to learn more and get involved.

ENDNOTES

3 https://oehha.ca.gov/calenviroscreen
5 http://info.aee.net/hubfs/PDF/california-jobs-report-2016.pdf?si=1462473190835
7 http://www.reuters.com/article/us-california-economy-idUSKCN22332K2