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Docket Number:	19-SB-100
Project Title:	SB 100 Joint Agency Report: Charting a path to a 100% Clean Energy Future
TN #:	230460
Document Title:	Anne Kim Comments - Issues around equity
Description:	N/A
Filer:	System
Organization:	Anne Kim
Submitter Role:	Public
Submission Date:	10/31/2019 12:22:29 PM
Docketed Date:	10/31/2019

Comment Received From: Anne Kim
Submitted On: 10/31/2019
Docket Number: 19-SB-100

Issues around equity

Additional submitted attachment is included below.

How should issues around equity (environmental, economic, social) and affordability be addressed?

1. A 100% Clean Energy Future requires liberating energy data from individual companies that monopolize it by virtue of size and scale. Currently, if I have thermometer devices at home tracking and adjusting kilowatt-hour use, and I switch company for more comprehensive services, I am forced to install new devices. This is wasteful and goes against Californian sustainability goals. The waste is caused by companies making it extremely hard for other companies, who earn my business, to access and analyze energy use data from competitor home energy data systems. This does not help me or any other customer, especially if they are price-sensitive. One day, these smart, demand-side energy management devices and apps are going to become commonplace (even in public housing) just as they are in other parts of the world like Korea and other high tech countries. The SB 100 Joint Agency Report needs to address equity issues in not just the clean energy generation, transmission, distribution, and retailing, but also the equity issues in energy data collection, accessibility, storage, analysis, security, and responsive use to lessen the burden on price-sensitive, time-deficient, expertise-lacking, and attention-deficient populations. This means life cycle data from source to spend of energy, associated carbon dioxide equivalent emissions, and CalEnviroScreen census tract level impact (improved and/or worsened.) Please consider collecting device level energy use data from all companies and requiring data exchange for customer switches in providers to prevent hoarding and monopolizing energy use data.

2. Please ensure charging stations / cooling stations are distributed equitably across the state, especially locating more in the most disadvantaged ESJ communities. Many well-to-do communities have such amenities at home, as offerings for foot traffic to stores, and more.

3. As an LADWP customer whose neighbors are low-income program customers, I ask POU's offer better demand-side kwh management options like better than market (not worse than market), well-functioning refrigerators. Several grandmas in subsidized apartments for the elderly used the program only to replace theirs with new refrigerators that didn't keep food cold enough, so they had to pay for a new refrigerator and pay twice for the labor. That's too frequent to be a coincidence.

4. Please plan preferred training and placement for conventional energy workers and people living in areas most impacted by conventional energy industries. The March 26 article in the Proceedings of the National Academy of Sciences of the United States of America (PNAS), "Inequity in

consumption of goods and services adds to racial-ethnic disparities in air pollution exposure," studied the disparity between "the pollution that people cause and the pollution to which they are exposed" and found fine particulate matter (PM 2.5) air pollution disproportionately burdened black and Latinx populations. (See <https://www.pnas.org/content/116/13/6001>) Please consider using this study and CalEnviro Screen by Census tract to retrain workers into clean energy careers in addition to project labor agreements in clean energy projects.

5. Moreover, a 100% Clean Energy Future by 2045 requires responsible Residential Energy Efficiency Loan (REEL), Home Energy Renovation Opportunity (HERO), and Property Assessed Clean Energy (PACE) loans that keep low-income homeowners from losing their homes to predators. The Los Angeles Times reported on April 4, 2019 on this matter in "Homeowners were defrauded through the PACE lending program, L.A.'s city attorney alleges." On September 17, 2019, local NPR station KCRW program Greater LA featured elderly, low-income homeowner Gwendolyn Lang, who had her home foreclosed due to a contractor upselling beyond what she could reasonably afford; the piece is called "Effort to make LA more eco-friendly means foreclosure for one homeowner." Loans that allow energy efficiency and home upgrade contractors to place a lien on the property after upselling homeowners to maximize their profits need robust safeguards through joint efforts between federal, state, and local agencies. Irresponsible contractors are causing elderly no-to-low-income homeowners and other vulnerable people to lose their homes. Please ensure any access to capital and program/project funding provided through SB 100 protects homeowners and economically-disadvantaged business owners, who may be used for procurement.

Thank you again.

Sincerely,

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Anne Y. Kim
Director, Strategic Inclusion and Partnerships
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