



# Justice in 100% Clean Energy Policies: A Scorecard for Equity and Lessons from Washington State

*July 28, 2021*

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# CleanEnergy States Alliance



GOVERNOR'S  
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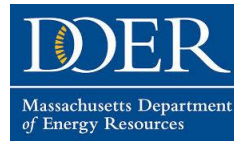
Maryland  
Energy  
Administration



NYSERDA



Department of Commerce  
Innovation is in our nature.



# 100% Clean Energy Collaborative



Assists states and other entities that have 100% clean energy goals (or are considering adopting such a goal) by providing knowledge-sharing activities and analysis so that they can address program challenges and opportunities.

The 100% Clean Energy Collaborative is managed by the Clean Energy States Alliance in partnership with the US Climate Alliance.

Visit [www.cesa.org/projects/100-clean-energy-collaborative](http://www.cesa.org/projects/100-clean-energy-collaborative) for:

- Table of 100% clean energy states
- Map and timeline of 100% clean energy states
- Publications about 100% clean energy
- Upcoming and archived webinars
- And more





# Webinar Speakers



**Subin DeVar**

Director & Co-Founder,  
Initiative for Energy Justice



**Mariel Thuraisingham**

Clean Energy Policy Lead,  
Front and Centered



**Wafa May Elamin**

Project Manager, Clean  
Energy States Alliance  
(moderator)



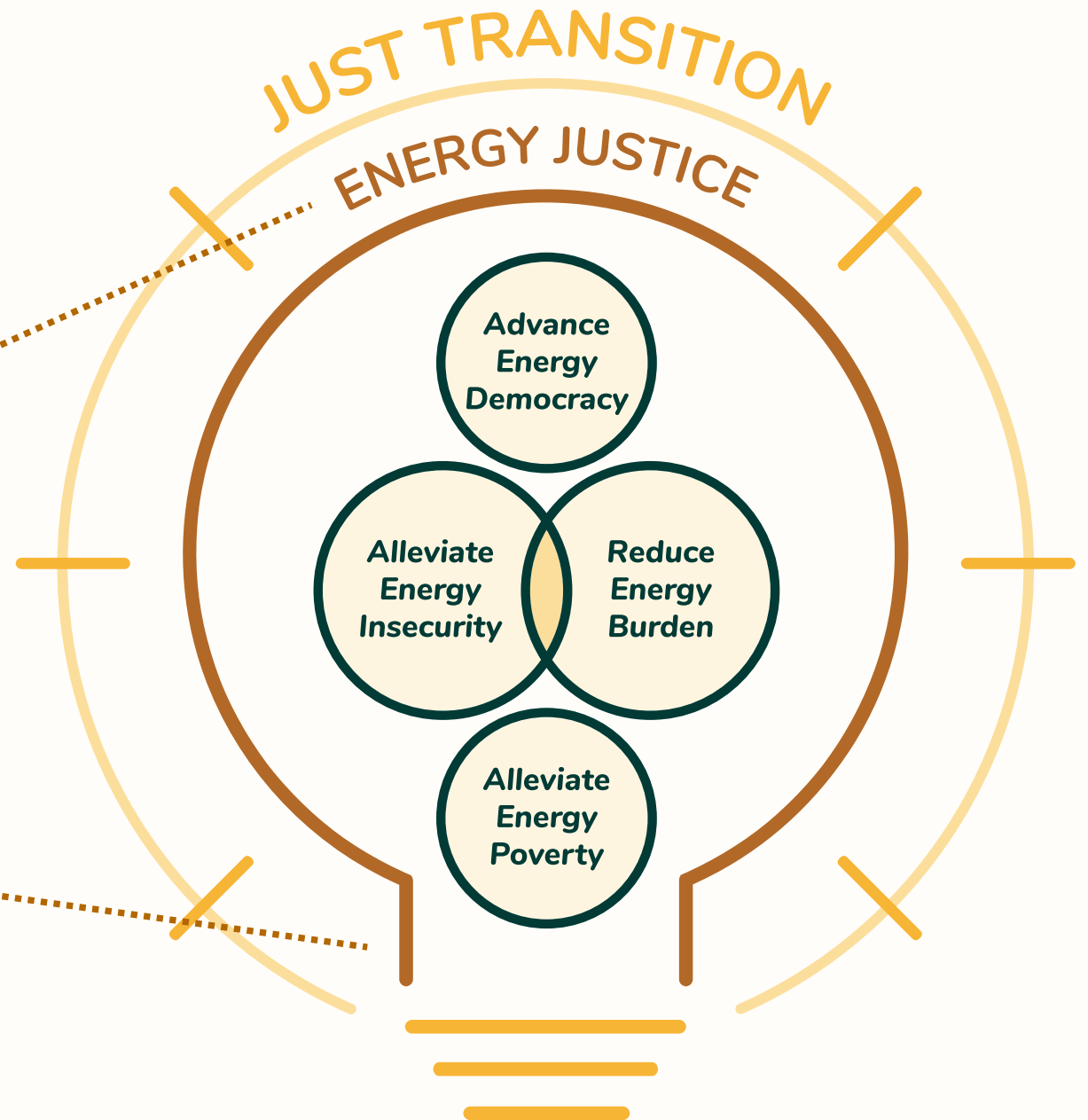
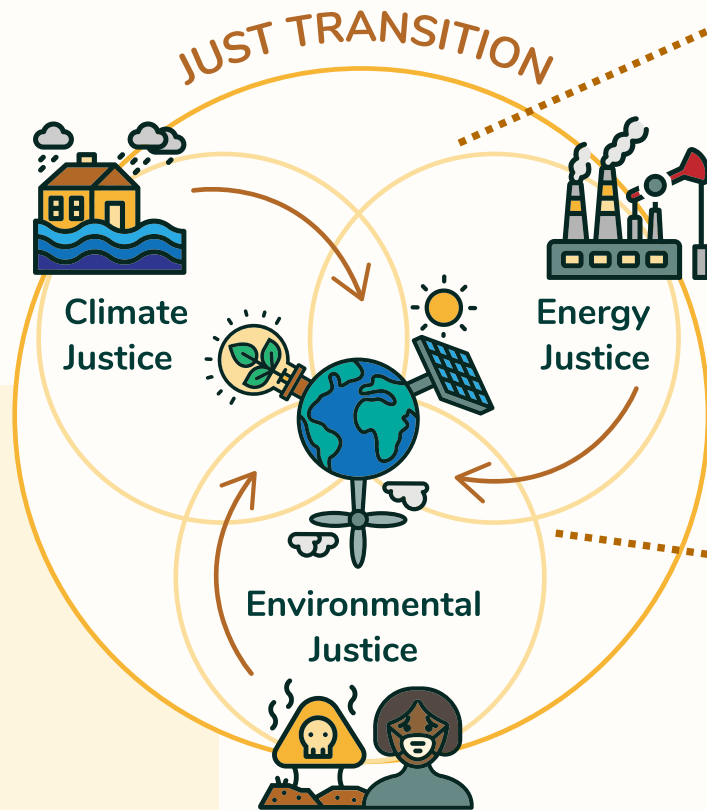


# Justice in 100

## Scorecard (and Metrics)

for equity in 100% clean energy policies

# What is energy justice?



# Justice in 100



## Justice in 100 Metrics

Tools for Measuring Equity in 100% Renewable Energy Policy Implementation

By Talia Lanckton and Subin DeVar  
January 2021





# Justice in 100 Scorecard





# Goals of Scorecard

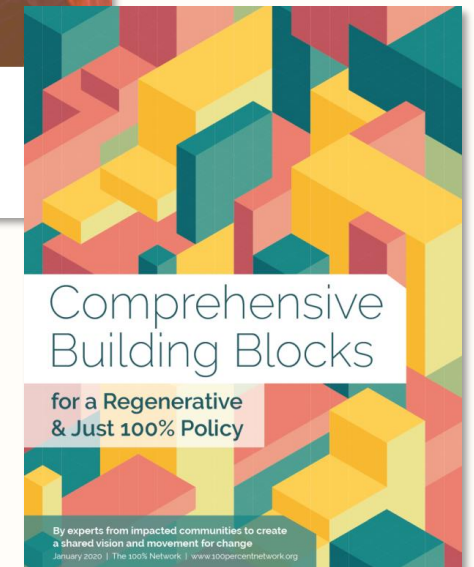
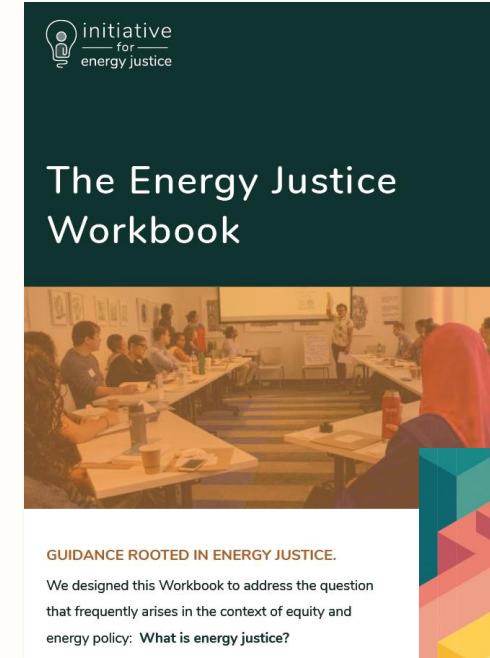
- **Goal 1:** Develop an equity-centered scorecard for states and territories that have made 100% clean energy commitments
  - **Why:** Support passing new (or reforming) 100% laws in states
- **Goal 2:** Score all 10 jurisdictions in Sierra Club Ready for 100 list (as of 2020):
  - California, Hawaii, Maine, Nevada, New Mexico, New York, Puerto Rico, Virginia, Washington, Washington D.C.
  - Note: Scoring laws not implementation

# Background - Timeline

- **2018** → IEJ founded
- **2019** → Energy Justice Workshop
- **2020** → Energy Justice Workbook/Scorecard, 100% Advisory Group
- **2021** → Justice in 100 Scorecard rubric (and Metrics)
- **2021 Fall** → Justice in 100 Scorecard scores

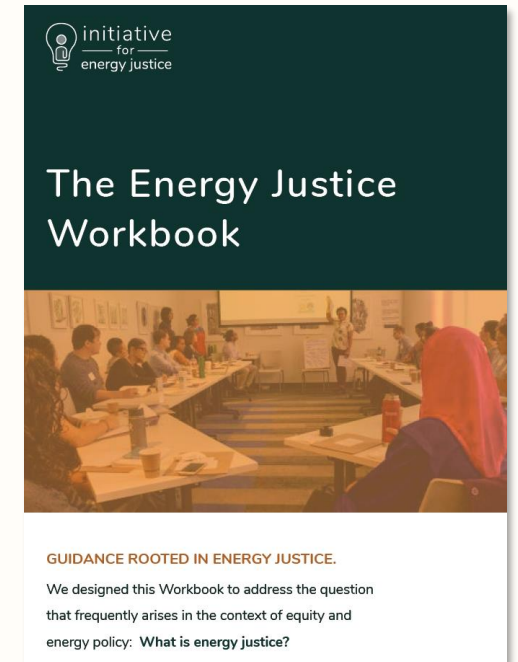
# Scorecard Framework

- **Energy Justice Scorecard & 100% Building Blocks**
- **Grounding in Just Transition Framework, definition of Energy Justice**
  - Synthesis from frontline groups, advocates, social science and law
  - See [Energy Justice Workbook Section 1](#) (pages 9-23)
- **Sorting aspects of 100% laws by types/forms of justice**
  - Restorative Justice
  - Procedural Justice
  - Distributive (or Substantive) Justice



# Energy Justice Scorecard

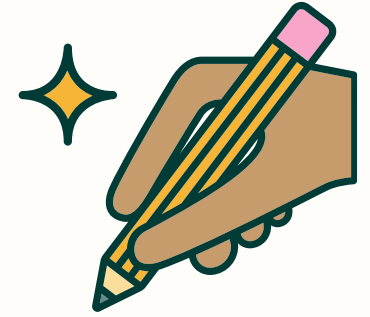
- **Restorative Justice**
  - acknowledgement and remediation of prior harms
- **Procedural Justice**
  - co-create and co-design
- **Distributive (or Substantive) Justice**
  - accessible, affordable, and democratically managed
  - equitable distribution of the benefits and burdens



[iejusa.org](http://iejusa.org)

# Energy Justice Scorecard

Scoring Key: 1 (No), 2 (A Little Bit), 3 (Somewhat), 4 (Mostly), 5 (Yes)



Question	Score	Explanation	Reference
(1) <b>Process:</b> Have frontline communities participated meaningfully in the policymaking process?	5 4 3 2 1		
(2) <b>Restoration:</b> Does the policy aim to remedy prior harms faced by communities harmed by the fossil-fuel based energy system?	5 4 3 2 1		
(3) <b>Decision-making:</b> Does the policy center the decision-making of traditionally excluded populations?	5 4 3 2 1		
(4) <b>Benefits:</b> Does the policy center economic, social, or health benefits for traditionally excluded populations?	5 4 3 2 1		
(5) <b>Access:</b> Does the policy make energy more accessible or affordable to low-income communities?	5 4 3 2 1		
<b>Score</b>	___ /25		

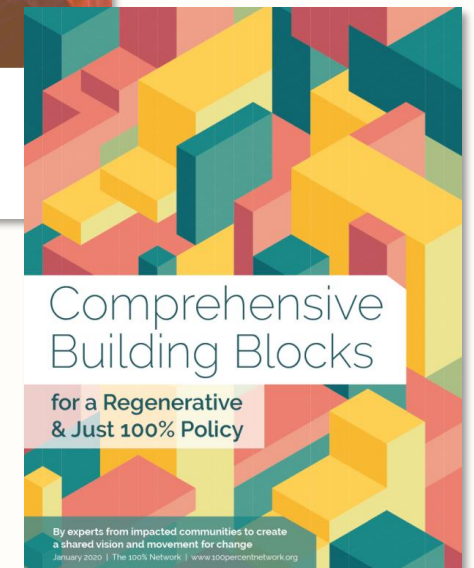
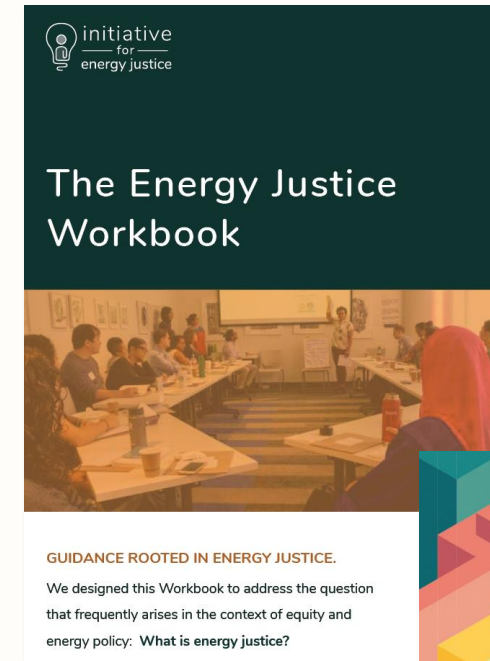


# Scorecard Framework

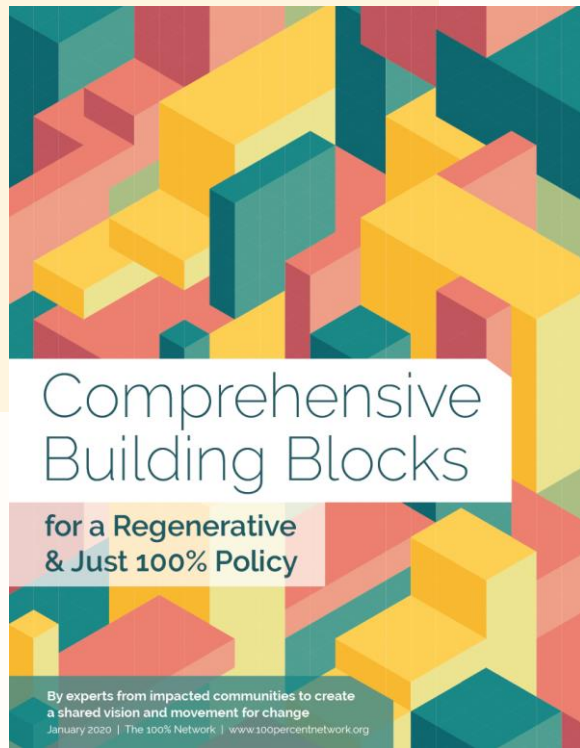
- **Process:** *Have marginalized communities participated meaningfully in the policymaking process with sufficient support?*
- **Restoration:** *Does the policy aim to remedy prior and present harms faced by communities negatively impacted by the energy system?*
- **Decision-making:** *Does the policy center the decision-making of marginalized communities in implementation?*
- **Benefits:** *Does the policy center economic, social, and health benefits for marginalized communities?*
- **Access:** *Does the policy make energy more accessible and affordable to marginalized communities?*

# Justice in 100 Scorecard Framework

- **Energy Justice Scorecard & 100% Building Blocks**
- **Grounding in Just Transition Framework, definition of Energy Justice**
  - Synthesis from frontline groups, advocates, social science and law
  - See [Energy Justice Workbook Section 1](#) (pages 9-23)
- **Sorting aspects of 100% laws by types/forms of justice**
  - Restorative Justice
  - Procedural Justice
  - Distributive (or Substantive) Justice



# Process: Integrating sources



ACCOUNTABILITY FRAMEWORK (examples in blue) Date Last Updated: June 1, 2020

Goal Category	Goal Metric with Deadline <sup>4</sup>	Milestones Date: Metric <sup>5</sup>	Progress on Goal so far Date: Metric <sup>6</sup> (On Track/Off Track)	Responsible Parties People at Institutions	Equitable Process/Outcome? Rate on scale of 1-4; 4=best; give rationale <sup>7</sup>	What would success look like one year from now? How will you measure it? What is your next step? <sup>8</sup>
Goals formally committed to <sup>9</sup>	100% clean, renewable electricity community-wide by 2030 (30% in 2019)	2022: 35% 2025: 50% 2028: 75%	2020: 35% renewable electricity	Rebecca Merced on the City Council / Mayor Enrique Hernandez	Process: 1: top down planning process Outcome: 2: some clean energy in frontline areas	Frontline community members are engaged, benefiting, and co-owning progress Measure: Survey 200+ people in 02124 and 02121 zip codes Next Step: Draft survey and share with 5 frontline representatives
	10% clean electricity generated locally owned by 2025	2020: 1.5% 2022: 5%	2020: 2% on-site clean electricity	— at the Utility	Process: 2: lack of community ownership Outcome: 2: Some projects in frontline areas	Community owns and/or controls X MW of local solar by 2025 Measure: Next Step:
	100% municipal electric demand served by renewables by 2025 (65% in 2019)	2020: 70%	2020: 67% municipal electric demand served by renewables	— at the Office of Energy	Process: 4: procurement has followed best practices for promoting equity Outcome:	
Goals for open, democratic,	Staff time funded for 10 full-time frontline community	2020: 1 staff	2020: .5 staff funded to engage			

## INDIGENOUS PRINCIPLES OF JUST TRANSITION



## CLIMATE JUSTICE ALLIANCE Just Transition Principles

# Process: Scorecard Advisory Group

- **Aug 28, 2020** > Workshop 1: Scorecard rubric
- **Sep 11, 2020** > Workshop 2: Evaluation of states
- **Sep 25, 2020** > Workshop 3: Final feedback, use, outreach

# Justice in 100 Scorecard





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# INSTRUCTIONS

## HOW TO SCORE A STATE/TERRITORY 100% LAW USING THIS SCORECARD

### OVERVIEW:

- The scorecard on page 3 summarizes the evaluation of a law out of a total score of 25.
- Five questions, worth five points each, address central categories of energy justice.
- The worksheet that follows below (p. 13-17) provides an aid to answering each of these five questions.
- Finally, there is further guidance after the worksheet with explanation and additional sources to assist in filling out the worksheet.

**Justice in 100 Scorecard**  
Evaluating equity in 100% renewable energy or 100% clean energy laws

**Instructions:**

- Worksheet Points:** Enter the total points from each Part in the Worksheet below (p. 13-17)
- Short Answer:** Considering the points as a guide, answer the five questions briefly.
- Score (1-5):** Enter 1 (No), 2 (A little bit), 3 (Somewhat), 4 (Mostly), or 5 (Yes) for each question.

State/Territory/Federal District: \_\_\_\_\_ BII/Code Section(s): \_\_\_\_\_

Question	Worksheet Points	Short Answer	Score (1-5)
(1) <b>Process:</b> Have marginalized communities participated meaningfully in the policymaking process with sufficient support?	Total Part 1, line 6: / 7		
(2) <b>Restoration:</b> Does the policy aim to remedy prior and present harms faced by communities negatively impacted by the energy system?	Total Part 2, line 14: / 12		
(3) <b>Decision-making:</b> Does the policy center the decision-making of marginalized communities in implementation?	Total Part 3, line 7: / 6		
(4) <b>Benefits:</b> Does the policy center economic, social, and health benefits for marginalized communities?	Total Part 4, line 14: / 12		
(5) <b>Access:</b> Does the policy make energy more accessible and affordable to marginalized communities?	Total Part 5, line 6: / 7		
<b>Total Score</b>			/25

JUST IN 100 SCORECARD [www.epi.org](http://www.epi.org)

WORKSHEET POINTS:

SHORT  
ANSWER:

SCORE  
(1-5):

# How to use the scorecard: Step 1

Question	Worksheet Points	Short Answer	Score (1–5)
<b>(1) Process:</b> Have marginalized communities participated meaningfully in the policymaking process with sufficient support?	Total Part 1, line 8: / 7		
<b>(2) Restoration:</b> Does the policy aim to remedy prior and present harms faced by communities negatively impacted by the energy system?	Total Part 2, line 14: / 13		
<b>(3) Decision-making:</b> Does the policy center the decision-making of marginalized communities in implementation?	Total Part 3, line 7: / 6		
<b>(4) Benefits:</b> Does the policy center economic, social, and health benefits for marginalized communities?	Total Part 4, line 14: / 13		
<b>(5) Access:</b> Does the policy make energy more accessible and affordable to marginalized communities?	Total Part 5, line 8: / 7		
<b>Total Score</b>			<b>/25</b>



**One-page scorecard  
("end product")**

# How to use the scorecard: Step 1

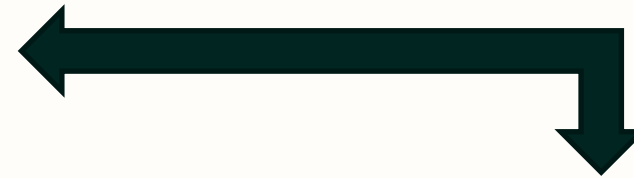
Question	Worksheet Points	Short Answer	Score (1-5)
(1) <b>Process:</b> Have marginalized communities participated meaningfully in the policymaking process with sufficient support?	Total Part 1, line 8: / 7		
(2) <b>Restoration:</b> Does the policy aim to remedy prior and present harms faced by communities negatively impacted by the energy system?	Total Part 2, line 14: / 13		
(3) <b>Decision-making:</b> Does the policy center the decision-making of marginalized communities in implementation?	Total Part 3, line 7: / 6		
(4) <b>Benefits:</b> Does the policy center economic, social, and health benefits for marginalized communities?	Total Part 4, line 14: / 13		
(5) <b>Access:</b> Does the policy make energy more accessible and affordable to marginalized communities?	Total Part 5, line 8: / 7		
<b>Total Score</b>			/25



Part 2 Restoration: Does the policy aim to remedy prior and present harms faced by communities negatively impacted by the energy system?		
LINE	ELEMENT	POINTS (0 = No 1 = Yes)
<b>Intent, Goals, and Funding</b>		
1	Explicitly names just transition as a goal	
2	Ensures 100% transition off of fossil fuels	
3	Sets aggressive targets and requires detailed implementation plans	
4	Promotes gender justice	
5	Creates a restorative funding structure through divestment and reinvestment	
<b>Definitions and Named Priority Communities</b>		
<b>Definition of renewable energy</b>		
6	Primary renewable energy sources are "regenerative" (e.g., solar and wind)	
7	Defines whether intermediate energy sources are considered renewable depending on how they are created	
8	Does not allow gas power plants, renewable natural gas, fracking, carbon capture and storage, biofuels, biomass, nuclear, waste to energy (e.g. incineration), or waste heat from fossil fuel facilities to count as renewable	
<b>Prioritization of marginalized communities</b>		
9	Explicitly names environmental justice (EJ) in the policy	
10	Creates a structure to develop the methodology for identifying marginalized communities, including studying cumulative pollution in frontline communities	
11	Clearly identifies the desired impacts or goals of Black, Indigenous, communities of color, and other marginalized communities to be achieved by the policy	
12	Includes acknowledgement of Indigenous land	
13	Remediates past and current energy system harms to Indigenous people and other marginalized communities	
14	<b>Part 2: Restoration - Total Points</b> (add lines 1-13 and enter total)	

# How to use the scorecard: Step 2

Part 2		Restoration: Does the policy aim to remedy prior and present harms faced by communities negatively impacted by the energy system?
LINE	ELEMENT	POINTS (0 = No 1 = Yes)
<b>Intent, Goals, and Funding</b>		
1	Explicitly names just transition as a goal	
2	Ensures 100% transition off of fossil fuels	
3	Sets aggressive targets and requires detailed implementation plans	
4	Promotes gender justice	
5	Creates a restorative funding structure through divestment and reinvestment	
<b>Definitions and Named Priority Communities</b>		
<i>Definition of renewable energy</i>		
6	Primary renewable energy sources are "regenerative" (e.g., solar and wind)	
7	Defines whether intermediate energy sources are considered renewable depending on how they are created	
8	Does not allow gas power plants, renewable natural gas, fracking, carbon capture and storage, biofuels, biomass, nuclear, waste to energy (e.g. incineration), or waste heat from fossil fuel facilities to count as renewable	
<i>Prioritization of marginalized communities</i>		
9	Explicitly names environmental justice (EJ) in the policy	
10	Creates a structure to develop the methodology for identifying marginalized communities, including studying cumulative pollution in frontline communities	
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12	Includes acknowledgement of Indigenous land	
13	Remediates past and current energy system harms to Indigenous people and other marginalized communities	
14	<b>Part 2: Restoration - Total Points</b> (add lines 1-13 and enter total)	



**2: Ensures 100% transition off of fossil fuels**



# How to use the scorecard: Step 2

Part 2 Restoration: Does the policy aim to remedy prior and present harms faced by communities negatively impacted by the energy system?		
LINE	ELEMENT	POINTS (0 = No 1 = Yes)
<b>Intent, Goals, and Funding</b>		
1	Explicitly names just transition as a goal	
2	Ensures 100% transition off of fossil fuels	
3	Sets aggressive targets and requires detailed implementation plans	
4	Promotes gender justice	
5	Creates a restorative funding structure through divestment and reinvestment	
<b>Definitions and Named Priority Communities</b>		
<b>Definition of renewable energy</b>		
6	Primary renewable energy sources are "regenerative" (e.g., solar and wind)	
7	Defines whether intermediate energy sources are considered renewable depending on how they are created	
8	Does not allow gas power plants, renewable natural gas, fracking, carbon capture and storage, biofuels, biomass, nuclear, waste to energy (e.g. incineration), or waste heat from fossil fuel facilities to count as renewable	
<b>Prioritization of marginalized communities</b>		
9	Explicitly names environmental justice (EJ) in the policy	
10	Creates a structure to develop the methodology for identifying marginalized communities, including studying cumulative pollution in frontline communities	
11	Clearly identifies the desired impacts or goals of Black, Indigenous, communities of color, and other marginalized communities to be achieved by the policy	
12	Includes acknowledgement of Indigenous land	
13	Remediates past and current energy system harms to Indigenous people and other marginalized communities	
14	<b>Part 2: Restoration - Total Points</b> (add lines 1-13 and enter total)	



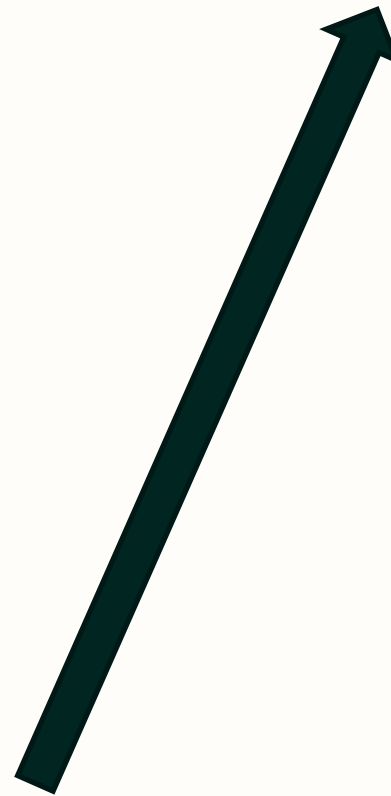
2

## Ensures 100% transition off of fossil fuels<sup>11</sup>

- Does the law make a clear statement of an ultimate goal to transition the entire state's economy completely off of fossil fuels, including an eventual ban on all extractive energy systems and combustible fossil fuels?<sup>12</sup>
- Notes:
  - ⦿ This transition should include transportation, buildings, and homes<sup>13</sup>
  - ⦿ Should prevent and address existing loopholes and exemptions that allow fossil fuel combustion, especially in marginalized communities
- Background/example: See "Building Blocks" pages 17-18 for more explanation

# How to use the scorecard: Step 3

Part 2		
Restoration: Does the policy aim to remedy prior and present harms faced by communities negatively impacted by the energy system?		
LINE	ELEMENT	POINTS (0 = No 1 = Yes)
<b>Intent, Goals, and Funding</b>		
1	Explicitly names just transition as a goal	1
2	Ensures 100% transition off of fossil fuels	.75
3	Sets aggressive targets and requires detailed implementation plans	1
4	Promotes gender justice	0
5	Creates a restorative funding structure through divestment and reinvestment	.25
<b>Definitions and Named Priority Communities</b>		
<b>Definition of renewable energy</b>		
6	Primary renewable energy sources are "regenerative" (e.g., solar and wind)	.5
7	Defines whether intermediate energy sources are considered renewable depending on how they are created	0
8	Does not allow gas power plants, renewable natural gas, fracking, carbon capture and storage, biofuels, biomass, nuclear, waste to energy (e.g. incineration), or waste heat from fossil fuel facilities to count as renewable	0
<b>Prioritization of marginalized communities</b>		
9	Explicitly names environmental justice (EJ) in the policy	1
10	Creates a structure to develop the methodology for identifying marginalized communities, including studying cumulative pollution in frontline communities	.5
11	Clearly identifies the desired impacts or goals of Black, Indigenous, communities of color, and other marginalized communities to be achieved by the policy	0
12	Includes acknowledgement of Indigenous land	1
13	Remediates past and current energy system harms to Indigenous people and other marginalized communities	0
14	<b>Part 2: Restoration - Total Points</b> (add lines 1-13 and enter total)	6



Question	Worksheet Points	Short Answer	Score (1-5)
(1) <b>Process:</b> Have marginalized communities participated meaningfully in the policymaking process with sufficient support?	Total Part 1, line 8: / 7		
(2) <b>Restoration:</b> Does the policy aim to remedy prior and present harms faced by communities negatively impacted by the energy system?	Total Part 2, line 14: / 13		
(3) <b>Decision-making:</b> Does the policy center the decision-making of marginalized communities in implementation?	Total Part 3, line 7: / 6		
(4) <b>Benefits:</b> Does the policy center economic, social, and health benefits for marginalized communities?	Total Part 4, line 14: / 13		
(5) <b>Access:</b> Does the policy make energy more accessible and affordable to marginalized communities?	Total Part 5, line 8: / 7		
<b>Total Score</b>			/25

# How to use the scorecard: Step 3

Part 2		
Restoration: Does the policy aim to remedy prior and present harms faced by communities negatively impacted by the energy system?		
LINE	ELEMENT	POINTS (0 = No 1 = Yes)
<b>Intent, Goals, and Funding</b>		
1	Explicitly names just transition as a goal	1
2	Ensures 100% transition off of fossil fuels	.75
3	Sets aggressive targets and requires detailed implementation plans	1
4	Promotes gender justice	0
5	Creates a restorative funding structure through divestment and reinvestment	.25
<b>Definitions and Named Priority Communities</b>		
<b>Definition of renewable energy</b>		
6	Primary renewable energy sources are "regenerative" (e.g., solar and wind)	.5
7	Defines whether intermediate energy sources are considered renewable depending on how they are created	0
8	Does not allow gas power plants, renewable natural gas, fracking, carbon capture and storage, biofuels, biomass, nuclear, waste to energy (e.g. incineration), or waste heat from fossil fuel facilities to count as renewable	0
<b>Prioritization of marginalized communities</b>		
9	Explicitly names environmental justice (EJ) in the policy	1
10	Creates a structure to develop the methodology for identifying marginalized communities, including studying cumulative pollution in frontline communities	.5
11	Clearly identifies the desired impacts or goals of Black, Indigenous, communities of color, and other marginalized communities to be achieved by the policy	0
12	Includes acknowledgement of Indigenous land	1
13	Remediates past and current energy system harms to Indigenous people and other marginalized communities	0
14	<b>Part 2: Restoration - Total Points</b> (add lines 1-13 and enter total)	6



Question	Worksheet Points	Short Answer	Score (1-5)
(1) <b>Process:</b> Have marginalized communities participated meaningfully in the policymaking process with sufficient support?	Total Part 1, line 8: / 7		
(2) <b>Restoration:</b> Does the policy aim to remedy prior and present harms faced by communities negatively impacted by the energy system?	Total Part 2, line 14: / 13		
(3) <b>Decision-making:</b> Does the policy center the decision-making of marginalized communities in implementation?	Total Part 3, line 7: / 6		
(4) <b>Benefits:</b> Does the policy center economic, social, and health benefits for marginalized communities?	Total Part 4, line 14: / 13		
(5) <b>Access:</b> Does the policy make energy more accessible and affordable to marginalized communities?	Total Part 5, line 8: / 7		
<b>Total Score</b>			/25

## Score (1 – 5)

- 1 – No
- 2 – A little bit
- 3 – Somewhat
- 4 – Mostly
- 5 – Yes

# How to use the scorecard: Step 3

Question	Worksheet Points	Short Answer	Score (1-5)
<b>(2) Restoration:</b> Does the policy aim to remedy prior and present harms faced by communities negatively impacted by the energy system?	Total Part 2, line 14: 6 / 13	Somewhat – while wind and solar must compose >25% of the RPS, definition of “highly impacted community” was not paired with a methodology for identifying priority groups	<b>3</b>

# How to use the scorecard: final notes

We intend the 5-page worksheet to be a **thought tool** (and not a calculator)

**As a thought tool, the 5-page worksheet can:**

- Guide the evaluation of legislation
- Help you ask questions (not turn out rigid answers)
  - Does this equity criteria exist?
  - If yes, has it been done well?
  - How do we define “well”?
- Identify areas for improvement or replication
- Create points for comparison between laws
- Facilitate conversations

# Scoring timeline

	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep
1st draft scores	■							
1st round feedback		■						
2nd draft scores					■			
2nd round feedback						■		
Writing							■	
Publish								■



# Justice in 100 Metrics



**Justice in 100 Metrics**  
 Tools for Measuring Equity in 100% Renewable Energy Policy Implementation

By Talia Lanckton and Subin DeVar  
 January 2021

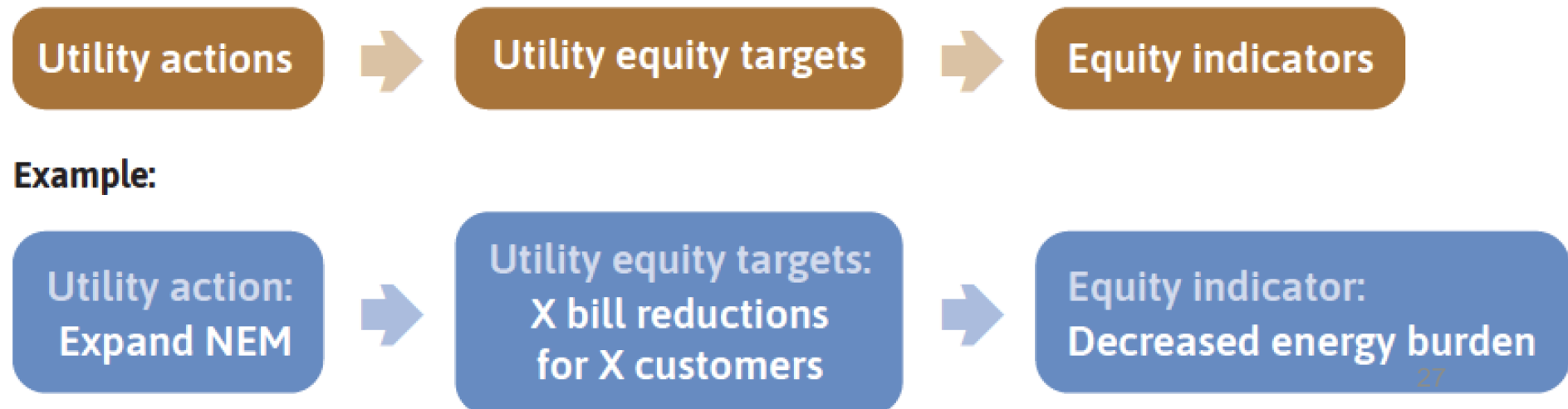


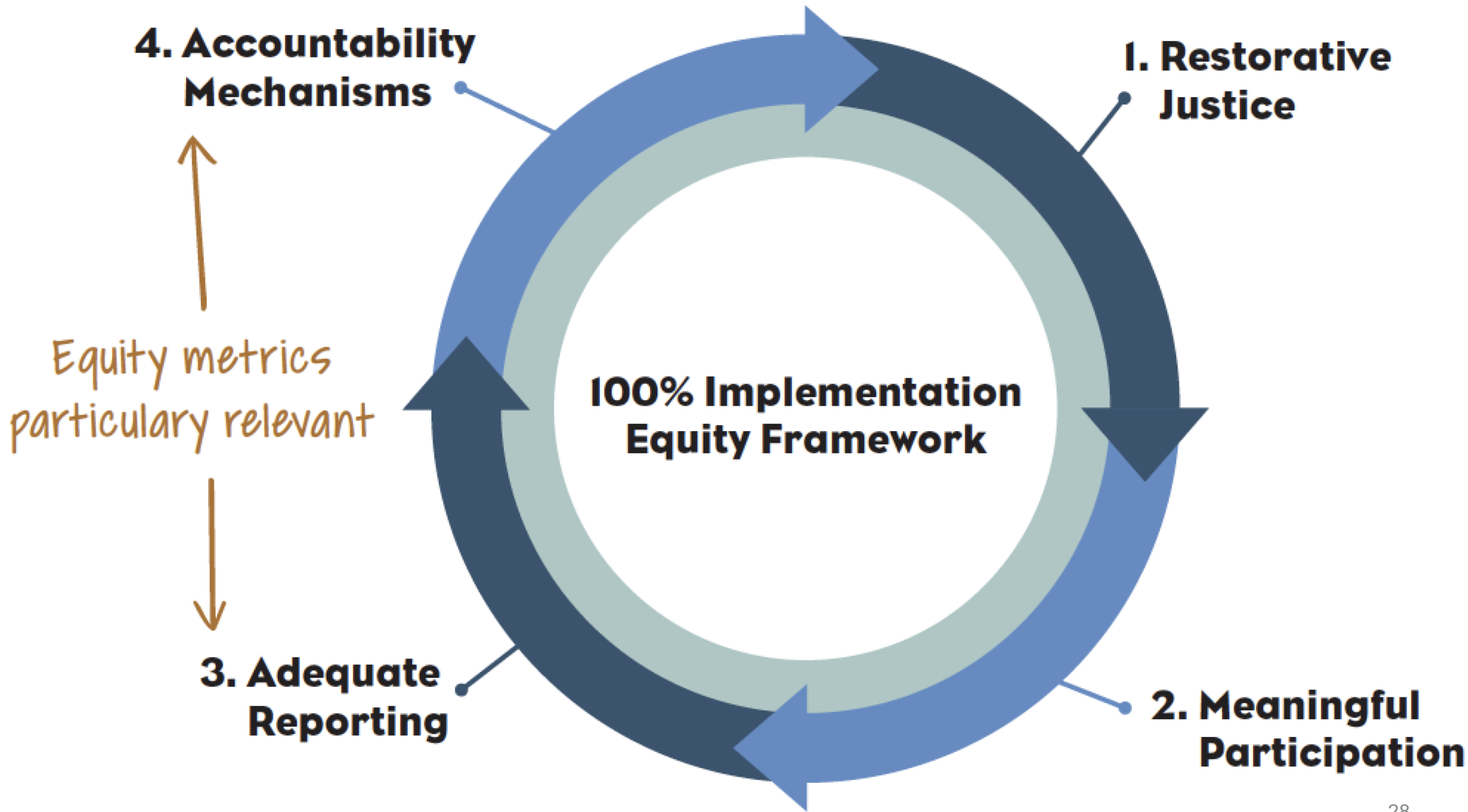


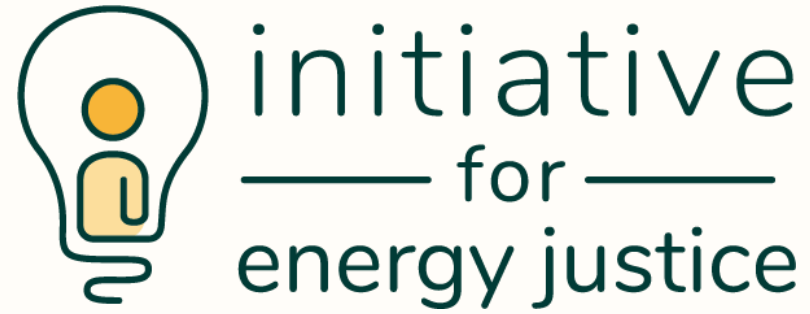
# Metrics: Accountability Framework

## Actions, Targets, and Indicators

- Utility actions
- Utility equity targets
- Equity indicators





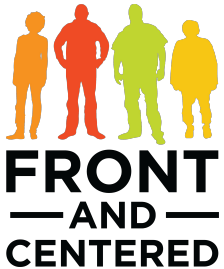


[www.iejusa.org](http://www.iejusa.org)

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# Equity and 100% Clean Energy in Washington

Marisel Thuraisingham  
Front and Centered Clean Energy Policy Lead



Wednesday July 15 2021

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# Overview



**Our Experience with CETA**

**Lessons Learned Passing and  
Implementing 100% Clean**

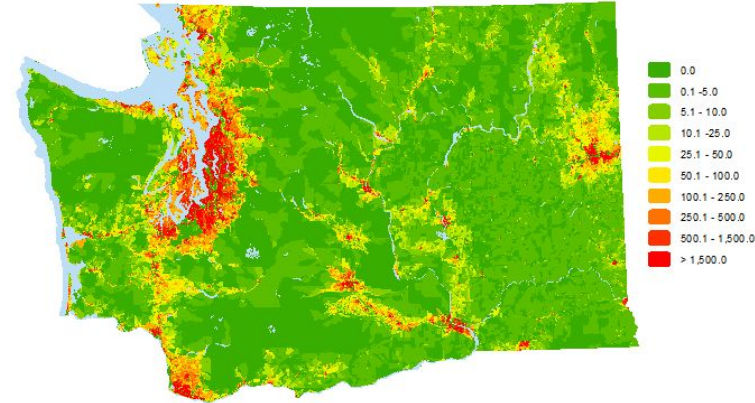
**Equity in CETA**

**Getting to Equity Metrics**



# Clean Energy in Washington

- Clean Energy Transformation Act - 3 part schedule to emissions free by 2045
- Expands energy assistance and requires an equitable transition
- Applies for Consumer- and Investor-owned utilities
- Overseen by Utilities Commission, Commerce Department



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# Lessons in Advocacy for 100% Clean



**Coalitions**

**Showing up**

**Equity first**

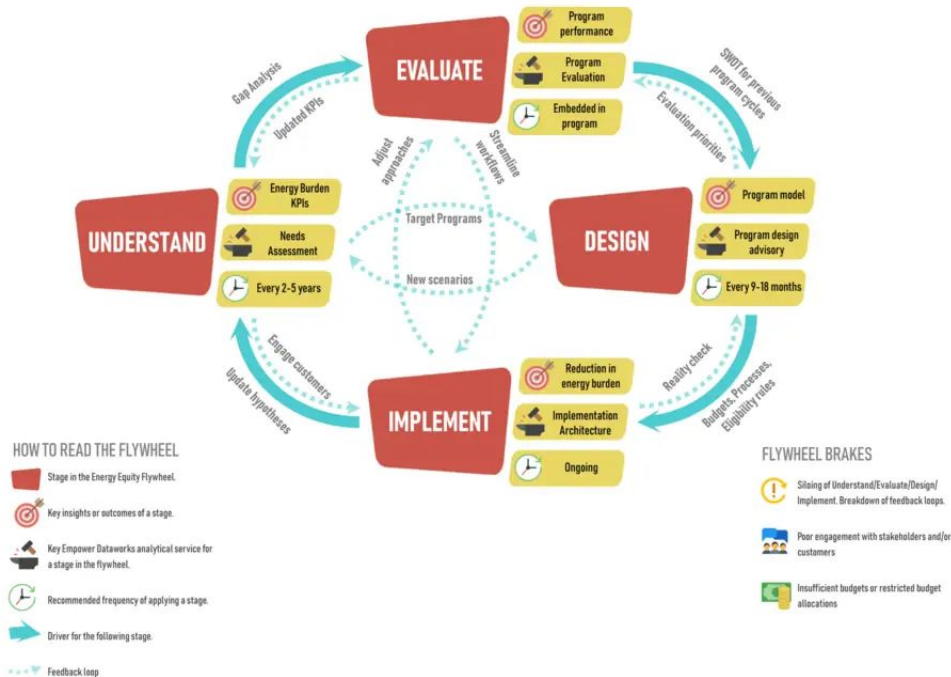
**Educate**

**Shape the power**



# How the Law Transforms Energy

## THE ENERGY EQUITY FLYWHEEL



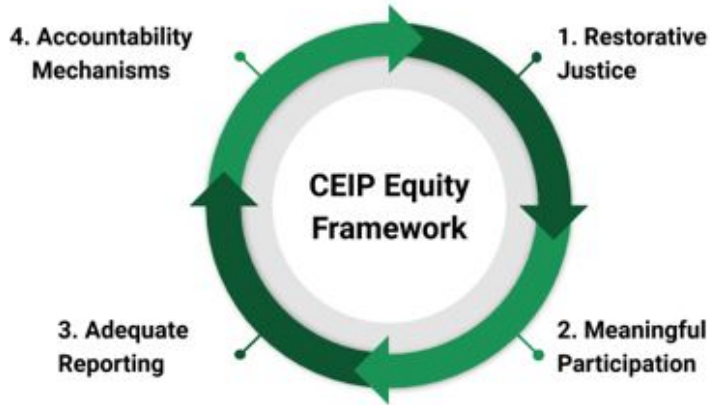
## Energy Assistance

Defines low income, energy burden, energy assistance and energy assistance need - obligations to increase assistance

## Equitable Distribution of Benefits

“The public interest includes ... the equitable distribution of energy benefits and reduction of burdens to **vulnerable populations** and **highly impacted communities**; long-term and short-term public health, economic, and environmental benefits and the reduction of costs and risks; and energy security and resiliency.”

# Planning for an Equitable Transition



Engagement of vulnerable populations & highly impacted communities

## What must be achieved

Generation build, generation purchases, REC purchases, transmission, balancing, substations, distributed systems, conservation programs, demand response programs

## What are ways to achieve it

Purchasing, siting, contracting, hiring, technology, design, engineering, customer rates, rate of return to investor

## What are the impacts

**Health** - Emissions-related ailments (respiratory, from water contamination)

**Resiliency** - Displacement, distributed generation and local economy, participation/local self-determination

**Energy security** - Reliability and cost, universal access; effect on health, of stress, trust in industry and social services

**Economic (non-energy)** - Workforce (job creation, quality, multiplier, apprenticeships); Fiscal (tax revenues, in-state v. out-of-state spending); Local (community-labor benefit agreement, real estate values); Contracts (acquisitions, procurement, property, construction)

**Environment** - Pollution, air and water quality

## Who's Most impacted

Highly impacted communities (census tract that has high socioeconomic barrier, health concerns, and environmental hazards);

Vulnerable populations (by income, employment, ability, race, ethnicity, age)





# How to Think About Energy Equity Metrics

Data and analyses

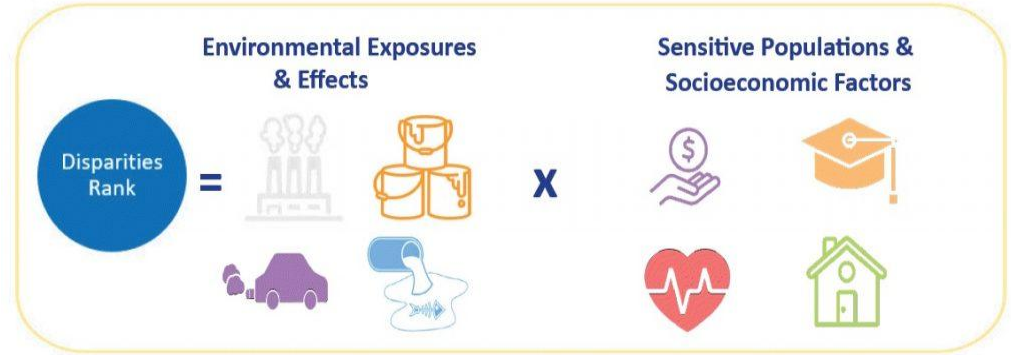
Impacts, Inputs, Outcomes

Benefits, Burdens, Costs, Risks

Big picture goals and setting targets

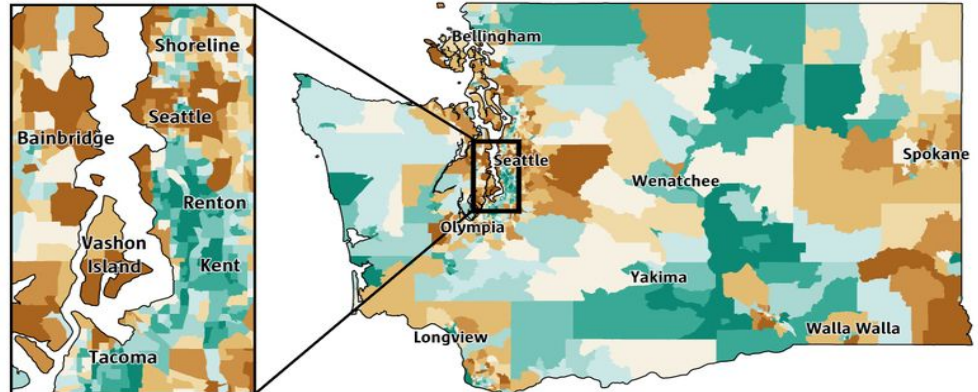
Investments and programming

Operations



\*Icons shown do not represent all 19 indicators on the map.

Low impact High impact



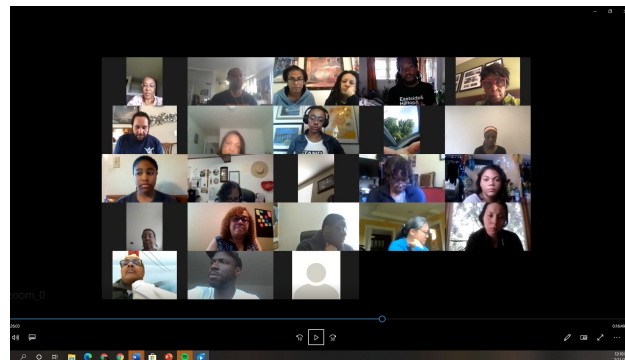
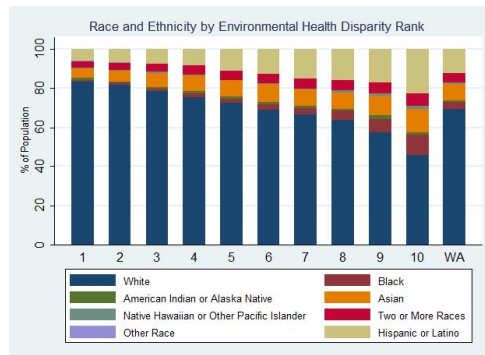
Source: Washington State Department of Health  
EMILY M. ENG / THE SEATTLE TIMES





# Coming Up With Equity Metrics

Data and learning



Customer input



Regulator guidance



Consult advisory groups



# Areas of Energy Equity Metrics



**Energy Access and Affordability**

**Procedural Justice and  
Democracy**

**Community Ownership and  
Economic Participation**

**Health and Environmental  
Impact**



# Who Benefits, and How?

## Customer Benefit Indicators

Energy Benefits  
Non-Energy Benefits  
Reduction of Burdens  
Public Health  
Environment  
Reduction in Cost  
Reduction in Risk  
Energy Security  
Resilience



-  
Feelings of connection to [Utility]  
Systemic racism  
Cultural resources  
Inclusion in decision-making  
Perception of process  
Anxiety and stress  
Sense of Pride, Self-sufficiency and Shared Values  
Awareness, education and engagement  
Home Comfort  
Participation



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# Working Towards Energy Equity in Washington



- Understanding and Monitoring
  - Advocacy
  - Outreach and Engagement
  - Education
  - Policy
- 



# Thank you!

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# Thank you for attending our webinar

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Learn more about the **100% Clean Energy Collaborative** at

[www.cesa.org/projects/100-clean-energy-collaborative](http://www.cesa.org/projects/100-clean-energy-collaborative)

# Upcoming Webinars

## **Behind-the-Meter Solar+Storage Market Data and Trends**

*Thursday, August 19, 1-2pm ET*

## **The LA100 Study: Lessons for State 100% Clean Energy Planning**

Wednesday, August 25, 3-4pm ET

Read more and register at: [www.cesa.org/webinars](http://www.cesa.org/webinars)