

2021 State Energy Strategy

Version 2.0

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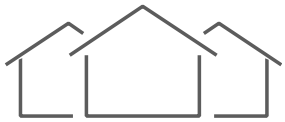
MANAGER, ENERGY POLICY OFFICE

DECEMBER 7, 2020



Washington State
Department of
Commerce

We strengthen communities



**HOUSING
HOMELESSNESS**



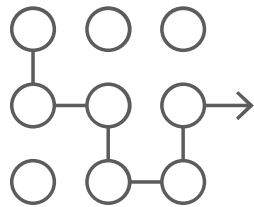
INFRASTRUCTURE



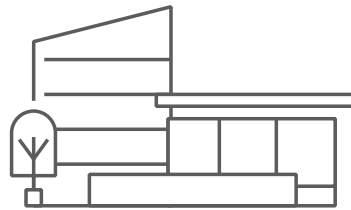
**BUSINESS
ASSISTANCE**



ENERGY



PLANNING



COMMUNITY FACILITIES



**CRIME VICTIMS &
PUBLIC SAFETY**



**COMMUNITY
SERVICES**

Version 2.0 has the same basic structure

- **Policies organized around end use sectors**
 - Transportation
 - Industry
 - Buildings – commercial and residential
 - Electricity
- **Focus on equity**
 - Within sector discussions
 - As an overarching priority
- **Energy and economic modeling**

Version 2.0 benefits from stakeholder input

- **Written comments on Version 1.0**
 - 23 external stakeholders
 - State agencies
 - Commerce stakeholders
- **Informal feedback to chapter leads**
- **Advisory committee breakout sessions**

Highlights of 2.0 improvements

- **Equity issues**

- Closer integration with Environmental Justice Task Force
- Expanded or added discussion of:
 - Benefits and limitations of defining communities
 - Common misconceptions of equity and equitable processes
 - Importance of public participation and inclusivity
 - Role of resiliency in equitable policy design
 - Seven-step process for equitable policy design
- More thorough and consistent discussion of equity in other chapters

Highlights of 2.0 improvements

- **Transportation**

- Emphasized role of metrics to track emissions and efficiency
- More specific accountability for action items
- More information on statewide transportation planning and existing processes
- Softer recommendation on road use charge
- Detailed metrics moved to appendix

Highlights of 2.0 improvements

- **Buildings**

- Consolidated individual items into broader actions
- Softer recommendation on net-zero buildings
- More detailed discussion of utility programs and targets
- Expanded analysis of natural gas distribution policy choices
- Moved embodied carbon in materials to industry chapter

Highlights of 2.0 improvements

- **Industry**

- New discussion of workforce development
- Clearer analysis of hydrogen, synthetic fuels and biofuels
- Expanded analysis of regulatory mechanisms

- **Electricity**

- Softer recommendation on capacity markets
- Emphasis on siting generation and transmission
- Acknowledge concerns with resource adequacy design
- Integrate resilience, community engagement and ownership values
- Opportunity for collaboration on distribution planning and DERs

Highlights of 2.0 improvements

- **Energy and economic modeling**
 - Basic info on energy sources and flows
 - Added detail on consumer costs
 - Added non-GHG air quality benefits
 - Added Excel file with modeling data
 - Economic modeling (used in workforce section)

Highlights of 2.0 improvements

- Reduced word count by 7,854
- Eliminated 815 commas

Big themes in version 2.0

- Need for planning, data analysis and outreach
- Role of investment in equitable and inclusive transition
- Universal broadband access as a foundation for energy transition
- Transition of the fossil natural gas industry
- Value of comprehensive pricing mechanisms
- Role of research, development and early deployment
- Development of green hydrogen and clean fuels

Special thanks to our advisory committee chairs and members



Thank you!

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