

# Multiple Agency Fiscal Note Summary

<b>Bill Number:</b> 1924 S HB AMS ENET S5160.1	<b>Title:</b> Fusion technology policies
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## Estimated Cash Receipts

NONE

Agency Name	2023-25		2025-27		2027-29	
	GF- State	Total	GF- State	Total	GF- State	Total
Local Gov. Courts						
Loc School dist-SPI						
Local Gov. Other	No fiscal impact					
Local Gov. Total						

## Estimated Operating Expenditures

Agency Name	2023-25				2025-27				2027-29			
	FTEs	GF-State	NGF-Outlook	Total	FTEs	GF-State	NGF-Outlook	Total	FTEs	GF-State	NGF-Outlook	Total
Office of the Governor	.0	0	0	0	.0	0	0	0	.0	0	0	0
Department of Commerce	.1	23,843	23,843	23,843	.0	0	0	0	.0	0	0	0
Military Department	.6	223,154	223,154	223,154	1.0	347,006	347,006	347,006	1.0	347,006	347,006	347,006
Department of Health	.4	120,000	120,000	120,000	.0	0	0	0	.0	0	0	0
Department of Ecology	.1	44,008	44,008	44,008	.0	0	0	0	.0	0	0	0
Energy Facility Site Evaluation Council	.2	67,700	67,700	67,700	.0	0	0	0	.0	0	0	0
<b>Total \$</b>	<b>1.4</b>	<b>478,705</b>	<b>478,705</b>	<b>478,705</b>	<b>1.0</b>	<b>347,006</b>	<b>347,006</b>	<b>347,006</b>	<b>1.0</b>	<b>347,006</b>	<b>347,006</b>	<b>347,006</b>

Agency Name	2023-25			2025-27			2027-29		
	FTEs	GF-State	Total	FTEs	GF-State	Total	FTEs	GF-State	Total
Local Gov. Courts									
Loc School dist-SPI									
Local Gov. Other	No fiscal impact								
Local Gov. Total									

## Estimated Capital Budget Expenditures

Agency Name	2023-25			2025-27			2027-29		
	FTEs	Bonds	Total	FTEs	Bonds	Total	FTEs	Bonds	Total
Office of the Governor	.0	0	0	.0	0	0	.0	0	0
Department of Commerce	.0	0	0	.0	0	0	.0	0	0
Military Department	.0	0	0	.0	0	0	.0	0	0
Department of Health	.0	0	0	.0	0	0	.0	0	0
Department of Ecology	.0	0	0	.0	0	0	.0	0	0
Energy Facility Site Evaluation Council	.0	0	0	.0	0	0	.0	0	0
<b>Total \$</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>	<b>0.0</b>	<b>0</b>	<b>0</b>

Agency Name	2023-25			2025-27			2027-29		
	FTEs	GF-State	Total	FTEs	GF-State	Total	FTEs	GF-State	Total
Local Gov. Courts									
Loc School dist-SPI									
Local Gov. Other	No fiscal impact								
Local Gov. Total									

## Estimated Capital Budget Breakout

<b>Prepared by:</b> Val Terre, OFM	<b>Phone:</b> (360) 280-3073	<b>Date Published:</b> Final 3/ 4/2024
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# Individual State Agency Fiscal Note

<b>Bill Number:</b> 1924 S HB AMS ENET S5160.1	<b>Title:</b> Fusion technology policies	<b>Agency:</b> 075-Office of the Governor
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## Part I: Estimates

**No Fiscal Impact**

**Estimated Cash Receipts to:**

NONE

**Estimated Operating Expenditures from:**

NONE

**Estimated Capital Budget Impact:**

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact:	Phone:	Date: 02/26/2024
Agency Preparation: Kathy Cody	Phone: (360) 480-7237	Date: 02/29/2024
Agency Approval: Jamie Langford	Phone: (360) 870-7766	Date: 02/29/2024
OFM Review: Val Terre	Phone: (360) 280-3073	Date: 02/29/2024

## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

1924 S HB AMS ENET S5160.1 establishes a fusion energy work group to identify and evaluate new and existing permitting, siting, licensing, and registration pathways for producing fusion energy. The workgroup will consist of state agencies including the Office of the Governor.

The Governor's Office assumes existing staff can participate in this work group and associated expenses will be minimal and can be absorbed within existing resources.

### II. B - Cash receipts Impact

*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

### II. C - Expenditures

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

## Part III: Expenditure Detail

### III. A - Operating Budget Expenditures

NONE

### III. B - Expenditures by Object Or Purpose

NONE

**III. C - Operating FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part I and Part IIIA.*

NONE

### III. D - Expenditures By Program (optional)

NONE

## Part IV: Capital Budget Impact

### IV. A - Capital Budget Expenditures

NONE

### IV. B - Expenditures by Object Or Purpose

NONE

### IV. C - Capital Budget Breakout

*Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.*

NONE

**IV. D - Capital FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.*

NONE

## **Part V: New Rule Making Required**

*Provisions of the bill that require the agency to adopt new administrative rules or repeal/revise existing rules.*

# Individual State Agency Fiscal Note

<b>Bill Number:</b> 1924 S HB AMS ENET S5160.1	<b>Title:</b> Fusion technology policies	<b>Agency:</b> 103-Department of Commerce
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## Part I: Estimates

**No Fiscal Impact**

### Estimated Cash Receipts to:

NONE

### Estimated Operating Expenditures from:

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.0	0.1	0.1	0.0	0.0
<b>Account</b>					
General Fund-State      001-1	0	23,843	23,843	0	0
<b>Total \$</b>	0	23,843	23,843	0	0

### Estimated Capital Budget Impact:

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact:	Phone:	Date: 02/26/2024
Agency Preparation:    Joseph Piper	Phone: 360-725-3042	Date: 02/29/2024
Agency Approval:        Joseph Piper	Phone: 360-725-3042	Date: 02/29/2024
OFM Review:                Val Terre	Phone: (360) 280-3073	Date: 02/29/2024

## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

The bill promotes the integration of fusion technology within state clean energy policies.

New Section 1 modifies the requirements for the state energy strategy to include consideration of nuclear fusion.

Section 2 establishes a fusion energy task force to identify and evaluate new and existing permitting, siting, licensing, and registration pathways for producing fusion energy. The department is included as a task force member.

Section 3 makes a clarification that the department's process to apply for designation as a clean energy project of statewide significance applies to facilities that produce electricity with fusion energy.

### II. B - Cash receipts Impact

*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

None.

### II. C - Expenditures

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

Section 2 requires that the department participate in the fusion energy task force. The task force must provide an initial report by December 1, 2024. The bill does not provide a date at which the task force ceases to exist. The department assumes that no additional work will be required after the initial report is prepared. The following would be required for task force participation:

0.10 FTE EMS2 Senior Energy Policy Specialist (200 hours) in FY25 to represent the department on the fusion energy task force, provide subject matter expertise and expert policy advice, and coordinate within the department on issues addressed by the task force.

#### Salaries and Benefits

FY25: \$16,458

FY26: \$0

FY27: \$0

FY28: \$0

#### Goods and Services and travel

FY25: \$1,970

FY26: \$0

FY27: \$0

FY28: \$0

#### Intra-agency Reimbursement:

FY25: \$5,415

FY26: \$0

FY27: \$0

FY28: \$0

Note: Standard goods and services costs include supplies and materials, employee development and training, Attorney General costs, central services charges and agency administration. Agency administration costs (e.g., payroll, HR, IT) are funded under a federally approved cost allocation plan.

Total Costs:  
 FY25: \$23,843  
 FY26: \$0  
 FY27: \$0  
 FY28: \$0

**Part III: Expenditure Detail**

**III. A - Operating Budget Expenditures**

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
001-1	General Fund	State	0	23,843	23,843	0	0
<b>Total \$</b>			0	23,843	23,843	0	0

**III. B - Expenditures by Object Or Purpose**

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years		0.1	0.1		
A-Salaries and Wages		12,653	12,653		
B-Employee Benefits		3,805	3,805		
C-Professional Service Contracts					
E-Goods and Other Services		970	970		
G-Travel		1,000	1,000		
J-Capital Outlays					
M-Inter Agency/Fund Transfers					
N-Grants, Benefits & Client Services					
P-Debt Service					
S-Interagency Reimbursements					
T-Intra-Agency Reimbursements		5,415	5,415		
9-					
<b>Total \$</b>	0	23,843	23,843	0	0

**III. C - Operating FTE Detail:** *List FTEs by classification and corresponding annual compensation. Totals need to agree with total FTEs in Part I and Part IIIA*

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
EMS Band 2	122,841		0.1	0.1		
<b>Total FTEs</b>			0.1	0.1		0.0

**III. D - Expenditures By Program (optional)**

NONE

**Part IV: Capital Budget Impact**

**IV. A - Capital Budget Expenditures**

NONE

**IV. B - Expenditures by Object Or Purpose**

NONE

**IV. C - Capital Budget Breakout**

*Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.*

NONE

**IV. D - Capital FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.*

NONE

None.

**Part V: New Rule Making Required**

*Provisions of the bill that require the agency to adopt new administrative rules or repeal/revise existing rules.*

# Individual State Agency Fiscal Note

<b>Bill Number:</b> 1924 S HB AMS ENET S5160.1	<b>Title:</b> Fusion technology policies	<b>Agency:</b> 245-Military Department
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## Part I: Estimates

**No Fiscal Impact**

### Estimated Cash Receipts to:

NONE

### Estimated Operating Expenditures from:

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.2	1.0	0.6	1.0	1.0
<b>Account</b>					
General Fund-State      001-1	49,651	173,503	223,154	347,006	347,006
<b>Total \$</b>	49,651	173,503	223,154	347,006	347,006

### Estimated Capital Budget Impact:

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact:	Phone:	Date: 02/26/2024
Agency Preparation:    Melanie Rogers	Phone: 253-512-8555	Date: 03/01/2024
Agency Approval:        Regan Hesse	Phone: 253-512-7698	Date: 03/01/2024
OFM Review:                Val Terre	Phone: (360) 280-3073	Date: 03/04/2024

## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

This note is on 1924 S HB AMS ENET S5160.1 and compares it to 1924 S HB.

Section 1, no changes.

Section 2, removes the proposed changes to RCW 43.394.020, which added a recommendation requirement to the interagency clean energy siting coordinating council. Instead, Section 2, establishes a fusion energy workgroup of state agencies to include the Military Department. The workgroup shall identify and evaluate new & existing permitting, siting, licensing, and registration pathways for producing fusion energy with the involvement of the regulated community. A report to the governor and legislature is due December 1, 2024.

The Military Department has determined 1 FTE to work with the Fusion Energy Workgroup to develop the report to the legislature as follows:

- o Research the hazards and dangers associated with the different fusion energy-producing systems.
- o Determine what Nuclear Regulatory Commission regulations currently exist for fusion energy systems.
- o Learn the current and anticipated regulatory environment for anticipated fusion reactor designs and any hazards that they present to surrounding communities.
- o Determine which fusion energy systems are currently licensed by the Nuclear Regulatory Commission or the WA Department of Health as an Agreement State within Washington state.
- o Coordinate in the development and submission of the workgroup's findings report to the legislature.

This will require support (computer, office space, software, cell phone, transportation, travel, etc.) from EMD to fulfill the short-term development needs for the legislative report.

The Military Department has determined this legislation has longer-term implications beyond the report for the legislature. MIL estimates long-term FTE support (1 FTE) to continue supporting the planning, training, and exercise preparedness aspects appropriate in communities with fusion energy systems.

- o Coordinate with other state agencies and impacted communities to prepare plans addressing consequence management from a fusion energy system incident as guided by federal and state regulations.
- o Prepare and conduct training for the SEOC as well as produce suggested training for impacted community responders.
- o Coordinate testing state and local plans through exercises to improve the effectiveness of plans/procedures.
- o Coordinate and collaborate with other States on best practices and lessons learned.
- o Continue to support EFSEC and the other fusion energy system workgroup organizations in the siting and permitting process.
- o Financial support to facilitate implementation of the fusion energy preparedness program work activities to include support from other participating/coordinating agencies.

### II. B - Cash receipts Impact

*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

### II. C - Expenditures

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

The Military Department expenditures necessary to implement this legislation are primarily comprised of staff salary and

benefits for a Program Supervisor (EMPS-4) beginning in SFY 24. Other included costs are for goods, services, travel to support participation in related workgroups and meetings as needed, as well as indirect inter-agency reimbursement (at 15%).

**Part III: Expenditure Detail**

**III. A - Operating Budget Expenditures**

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
001-1	General Fund	State	49,651	173,503	223,154	347,006	347,006
<b>Total \$</b>			49,651	173,503	223,154	347,006	347,006

**III. B - Expenditures by Object Or Purpose**

	FY 2024	FY 2025	2023-25	2025-27	2027-29	
FTE Staff Years	0.2	1.0	0.6	1.0	1.0	
A-Salaries and Wages	19,037	95,184	114,221	190,368	190,368	
B-Employee Benefits	9,138	45,688	54,826	91,376	91,376	
C-Professional Service Contracts						
E-Goods and Other Services	5,000	5,000	10,000	10,000	10,000	
G-Travel	5,000	5,000	10,000	10,000	10,000	
J-Capital Outlays	5,000		5,000			
M-Inter Agency/Fund Transfers						
N-Grants, Benefits & Client Services						
P-Debt Service						
S-Interagency Reimbursements						
T-Intra-Agency Reimbursements	6,476	22,631	29,107	45,262	45,262	
9-						
<b>Total \$</b>		49,651	173,503	223,154	347,006	347,006

**III. C - Operating FTE Detail:** List FTEs by classification and corresponding annual compensation. Totals need to agree with total FTEs in Part I and Part IIIA

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
Emergency Management Program Specialist 4	95,184	0.2	1.0	0.6	1.0	1.0
<b>Total FTEs</b>		0.2	1.0	0.6	1.0	1.0

**III. D - Expenditures By Program (optional)**

NONE

**Part IV: Capital Budget Impact**

**IV. A - Capital Budget Expenditures**

NONE

**IV. B - Expenditures by Object Or Purpose**

NONE

**IV. C - Capital Budget Breakout**

Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.

NONE

**IV. D - Capital FTE Detail:** FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.

NONE

**Part V: New Rule Making Required**

*Provisions of the bill that require the agency to adopt new administrative rules or repeal/revise existing rules.*

# Individual State Agency Fiscal Note

<b>Bill Number:</b> 1924 S HB AMS ENET S5160.1	<b>Title:</b> Fusion technology policies	<b>Agency:</b> 303-Department of Health
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## Part I: Estimates

**No Fiscal Impact**

### Estimated Cash Receipts to:

NONE

### Estimated Operating Expenditures from:

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.0	0.8	0.4	0.0	0.0
<b>Account</b>					
General Fund-State      001-1	0	120,000	120,000	0	0
<b>Total \$</b>	0	120,000	120,000	0	0

### Estimated Capital Budget Impact:

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact:	Phone:	Date: 02/26/2024
Agency Preparation:    Katie Osete	Phone: 3602363000	Date: 02/29/2024
Agency Approval:        Kristin Bettridge	Phone: 3607911657	Date: 02/29/2024
OFM Review:                Cynthia Hollimon	Phone: (360) 810-1979	Date: 02/29/2024

## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

Sec. 1: Defines fusion energy and directs the state to ensure that the pursuit of cleaner energy sources actively includes and supports innovative, emerging, and promising technologies, such as fusion energy.

Sec. 2: Directs Energy Facility Site Evaluation Council (EFSEC) and Department of Health (DOH) to establish a fusion energy work group of state agencies, including commerce, ecology, the governor's office, and the military department to identify and evaluate new and existing permitting, siting, licensing, and registration pathways for producing fusion energy. The workgroup should involve the regulated community in the process and provide an initial report to the governor and legislature by December 31, 2024.

Sec. 3: Directs commerce to include facilities that produce electricity with fusion energy among those for which it develops application for designation of clean energy projects.

### II. B - Cash receipts Impact

*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

None

### II. C - Expenditures

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

Sec. 1 Assumptions:

- DOH Office of Radiation Protection (ORP) has jurisdiction over licensing and registration authority of fusion facilities in the Research and Development Phase and Commercial Phase. Some of this includes considerations for siting facilities.
- DOH ORP is the sole Radiation Control Agency.

Sec. 2 Assumptions:

- DOH ORP assumes co-leading workgroup meetings.
- Fiscal note focuses on the substance of HB 1924 and does not seek to project fiscal needs for follow on work.

DOH requires 0.6 FTE to engage and support the work group meetings to produce an initial report by the end of the year.

- DOH assumes four (4) meetings per year with key agencies, industry representatives, and other interested parties. Most meetings of the workgroup will be held virtually. If additional meetings are needed, DOH has the capacity to support the work. DOH assumes multiple and regular internal meetings and meetings with EFSEC in preparation for the larger workgroup meetings.

To complete this work, DOH will require 0.2 WMS2 FTE for Executive Leadership participation, 0.2 RHP4 FTE Program Leadership participation, and 0.2 RHP3 FTE. Staff participation and coordination consisting of all sections, Air Emissions, Radiation Emergency Preparedness, X-Ray, Materials, Waste, and Environmental Science.

DOH workgroup, leadership, and participation costs:

FY 2025: 0.8 FTE and \$120,000

Total costs can include staff, associated expenses (including goods and services, travel, intra-agency, and indirect/overhead

costs)

### Part III: Expenditure Detail

#### III. A - Operating Budget Expenditures

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
001-1	General Fund	State	0	120,000	120,000	0	0
<b>Total \$</b>			0	120,000	120,000	0	0

#### III. B - Expenditures by Object Or Purpose

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years		0.8	0.4		
A-Salaries and Wages		78,000	78,000		
B-Employee Benefits		26,000	26,000		
E-Goods and Other Services		10,000	10,000		
T-Intra-Agency Reimbursements		6,000	6,000		
9-					
<b>Total \$</b>	0	120,000	120,000	0	0

#### III. C - Operating FTE Detail: *List FTEs by classification and corresponding annual compensation. Totals need to agree with total FTEs in Part I and Part IIIA*

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
Fiscal Analyst 2	53,000		0.1	0.1		
Health Svcs Conslt 1	53,000		0.1	0.1		
RADIATION HEALTH PHYSICIST	100,008		0.2	0.1		
RADIATION HEALTH PHYSICIST	110,400		0.2	0.1		
WMS02	121,860		0.2	0.1		
<b>Total FTEs</b>			0.8	0.4		0.0

#### III. D - Expenditures By Program (optional)

NONE

### Part IV: Capital Budget Impact

#### IV. A - Capital Budget Expenditures

NONE

#### IV. B - Expenditures by Object Or Purpose

NONE

#### IV. C - Capital Budget Breakout

*Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.*

NONE

#### IV. D - Capital FTE Detail: *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.*

NONE

None

**Part V: New Rule Making Required**

*Provisions of the bill that require the agency to adopt new administrative rules or repeal/revise existing rules.*

# Individual State Agency Fiscal Note

<b>Bill Number:</b> 1924 S HB AMS ENET S5160.1	<b>Title:</b> Fusion technology policies	<b>Agency:</b> 461-Department of Ecology
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## Part I: Estimates

**No Fiscal Impact**

### Estimated Cash Receipts to:

NONE

### Estimated Operating Expenditures from:

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.0	0.3	0.2	0.0	0.0
<b>Account</b>					
General Fund-State      001-1	0	44,008	44,008	0	0
<b>Total \$</b>	0	44,008	44,008	0	0

### Estimated Capital Budget Impact:

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact:	Phone:	Date: 02/26/2024
Agency Preparation:    Jessica Moore	Phone: 360-529-7583	Date: 02/29/2024
Agency Approval:        Erik Fairchild	Phone: 360-407-7005	Date: 02/29/2024
OFM Review:                Lisa Borkowski	Phone: (360) 742-2239	Date: 02/29/2024

## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

The difference between SHB 1924 and 1924 SHB AMS ENET S5160.1 is as follows:

Previous sections 2, 3 and 4 are removed. New sections 2 and 3 are added.

This change results in a change in Ecology's fiscal impact for this bill.

Under current law, chapter 43.158, Ecology is responsible for implementing a fully coordinated permitting process for clean energy projects as defined by Department of Commerce in RCW 43.158.020. This bill would require fusion energy facilities to be added to the designation of clean energy projects by Commerce and require Ecology to participate in a new workgroup to report on the new and existing permitting, siting, licensing, and registration pathways for producing fusion energy.

Section 2 would require the Energy Facility Site Evaluation Council (EFSEC) and the Department of Health to establish a fusion energy workgroup. Ecology would be required to participate in the new workgroup. The purpose of the workgroup would be evaluate permitting, siting, licensing, and registration pathways for producing fusion energy. The workgroup would be required to provide an initial report to the Governor and Legislature by December 1, 2024.

Section 3 would amend RCW 43.158.020 to require the Department of Commerce to add facilities that produce electricity with fusion energy to their application development for the designation of clean energy projects.

### II. B - Cash receipts Impact

*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

### II. C - Expenditures

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

The expenditure impact to Ecology under this bill is estimated to be less than \$50,000 in Fiscal Year (FY) 2025 for Ecology to implement section 2.

Section 2 would require the Energy Facility Site Evaluation Council (EFSEC) and the Department of Health to establish a fusion energy workgroup. Ecology would be required to participate in the new workgroup. The workgroup would be required to provide an initial report to the Governor and Legislature by December 1, 2024.

Based on shared assumptions with EFSEC and DOH, estimated costs are provided for participation in the workgroup up until the initial report is provided by December 1, 2024. For purposes of this fiscal note, future costs related to outcomes from the initial report and future workgroup participation is unknown and therefore not included.

Based on previous experience, Ecology assumes that participation in the workgroup to produce the initial report would require monthly meetings from July 1, 2024, to November 30, 2024. Based on shared assumptions with EFSEC and DOH, Ecology assumes that participation in the workgroup would require prework, attendance at meetings, and follow up with technical assistance in preparation for and in writing the initial report. Therefore, Ecology estimates 0.25 FTE Environmental Planner 4 in FY 2025 would be needed to complete these tasks from July 1, 2024, to November 30, 2024.

SUMMARY

Section 2 workgroup participation through November 30, 2024, is estimated to require:  
 FY 2025: \$44,008 and 0.29 FTEs

Notes on costs by object:

Salary estimates are current biennium actual rates at Step L.

Benefits are the agency average of 34.1% of salaries.

Goods and Services are the agency average of \$6,048 per direct program FTE.

Travel is the agency average of \$2,205 per direct program FTE.

Equipment is the agency average of \$1,286 per direct program FTE.

Agency Administrative Overhead is calculated at the federally approved agency indirect rate of 29.8% of direct program salaries and benefits, and is shown as object 9. Agency Administrative Overhead FTEs are included at 0.15 FTE per direct program FTE, and are identified as Fiscal Analyst 2 and IT App Development - Journey.

**Part III: Expenditure Detail**

**III. A - Operating Budget Expenditures**

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
001-1	General Fund	State	0	44,008	44,008	0	0
<b>Total \$</b>			0	44,008	44,008	0	0

**III. B - Expenditures by Object Or Purpose**

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years		0.3	0.2		
A-Salaries and Wages		23,913	23,913		
B-Employee Benefits		8,154	8,154		
E-Goods and Other Services		1,512	1,512		
G-Travel		551	551		
J-Capital Outlays		322	322		
9-Agency Administrative Overhead		9,556	9,556		
<b>Total \$</b>	0	44,008	44,008	0	0

**III. C - Operating FTE Detail:** *List FTEs by classification and corresponding annual compensation. Totals need to agree with total FTEs in Part I and Part IIIA*

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
ENVIRONMENTAL PLANNER 4	95,650		0.3	0.1		
FISCAL ANALYST 2			0.0	0.0		
IT APP DEV-JOURNEY			0.0	0.0		
<b>Total FTEs</b>			0.3	0.2		0.0

**III. D - Expenditures By Program (optional)**

NONE

**Part IV: Capital Budget Impact**

**IV. A - Capital Budget Expenditures**

NONE

**IV. B - Expenditures by Object Or Purpose**

NONE

**IV. C - Capital Budget Breakout**

*Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.*

NONE

**IV. D - Capital FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.*

NONE

**Part V: New Rule Making Required**

*Provisions of the bill that require the agency to adopt new administrative rules or repeal/revise existing rules.*

# Individual State Agency Fiscal Note

<b>Bill Number:</b> 1924 S HB AMS ENET S5160.1	<b>Title:</b> Fusion technology policies	<b>Agency:</b> 463-Energy Facility Site Evaluation Council
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## Part I: Estimates

**No Fiscal Impact**

### Estimated Cash Receipts to:

NONE

### Estimated Operating Expenditures from:

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years	0.0	0.5	0.2	0.0	0.0
<b>Account</b>					
General Fund-State      001-1	0	67,700	67,700	0	0
<b>Total \$</b>	0	67,700	67,700	0	0

### Estimated Capital Budget Impact:

NONE

*The cash receipts and expenditure estimates on this page represent the most likely fiscal impact. Factors impacting the precision of these estimates, and alternate ranges (if appropriate), are explained in Part II.*

Check applicable boxes and follow corresponding instructions:

- If fiscal impact is greater than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete entire fiscal note form Parts I-V.
- If fiscal impact is less than \$50,000 per fiscal year in the current biennium or in subsequent biennia, complete this page only (Part I).
- Capital budget impact, complete Part IV.
- Requires new rule making, complete Part V.

Legislative Contact:	Phone:	Date: 02/26/2024
Agency Preparation: Lisa McLean	Phone: 3606641345	Date: 02/28/2024
Agency Approval: Dave Walker	Phone: 360-664-1345	Date: 02/28/2024
OFM Review: Lisa Borkowski	Phone: (360) 742-2239	Date: 02/29/2024

## Part II: Narrative Explanation

### II. A - Brief Description Of What The Measure Does That Has Fiscal Impact

*Significant provisions of the bill and any related workload or policy assumptions that have revenue or expenditure impact on the responding agency by section number.*

Sec. 1 defines fusion energy and directs the state to ensure that the pursuit of cleaner energy sources actively includes and supports innovative, emerging and promising technologies, such as fusion energy.

Sec. 2 directs EFSEC and DOH to establish a fusion energy work group of state agencies, including commerce, ecology, the governor's office, and the military department to identify and evaluate new and existing permitting, siting, licensing, and registration pathways for producing fusion energy. The workgroup should involve the regulated community in the process and provide an initial report to the governor and legislature by December 1, 2024.

Sec. 3 directs commerce to include facilities that produce electricity with fusion energy among those for which it develops application for designation of clean energy projects.

In order to produce an initial report by the end of the year, EFSEC estimates that it will need to enlist 0.2 FTEs from the Director of Siting & Compliance, the Clean Energy Programs Manager, the Legislative & Policy Manager, and an AA3 - and 0.1 FTE of a Site Certification & Compliance Lead for six months.

### II. B - Cash receipts Impact

*Cash receipts impact of the legislation on the responding agency with the cash receipts provisions identified by section number and when appropriate, the detail of the revenue sources. Description of the factual basis of the assumptions and the method by which the cash receipts impact is derived. Explanation of how workload assumptions translate into estimates. Distinguished between one time and ongoing functions.*

### II. C - Expenditures

*Agency expenditures necessary to implement this legislation (or savings resulting from this legislation), with the provisions of the legislation that result in the expenditures (or savings) identified by section number. Description of the factual basis of the assumptions and the method by which the expenditure impact is derived. Explanation of how workload assumptions translate into cost estimates. Distinguished between one time and ongoing functions.*

In order to produce an initial report by the end of the year, EFSEC estimates that it will need to enlist 0.2 FTEs from the Director of Siting & Compliance, the Clean Energy Programs Manager, the Legislative & Policy Manager, and an AA3 - and 0.1 FTE of a Site Certification & Compliance Lead for six months.

Salaries for the listed positions adds up to \$51,300 for the six months project period. Benefits over this period are estimated at \$16,400.

## Part III: Expenditure Detail

### III. A - Operating Budget Expenditures

Account	Account Title	Type	FY 2024	FY 2025	2023-25	2025-27	2027-29
001-1	General Fund	State	0	67,700	67,700	0	0
Total \$			0	67,700	67,700	0	0

**III. B - Expenditures by Object Or Purpose**

	FY 2024	FY 2025	2023-25	2025-27	2027-29
FTE Staff Years		0.5	0.2		
A-Salaries and Wages		51,300	51,300		
B-Employee Benefits		16,400	16,400		
C-Professional Service Contracts					
E-Goods and Other Services					
G-Travel					
J-Capital Outlays					
M-Inter Agency/Fund Transfers					
N-Grants, Benefits & Client Services					
P-Debt Service					
S-Interagency Reimbursements					
T-Intra-Agency Reimbursements					
9-					
<b>Total \$</b>	0	67,700	67,700	0	0

**III. C - Operating FTE Detail:** *List FTEs by classification and corresponding annual compensation. Totals need to agree with total FTEs in Part I and Part IIIA*

Job Classification	Salary	FY 2024	FY 2025	2023-25	2025-27	2027-29
ADMINISTRATIVE ASSISTANT 3	52,620		0.1	0.1		
CLEAN ENERGY PROGRAMS MANAGER 1 10024	120,288		0.1	0.1		
DIRECTOR OF SITING & COMPLIANCE	130,980		0.1	0.1		
ENERGY FACILITY SITE CERTIFIED/COMPLIANCE	95,184		0.1	0.0		
LEGISLATION AND POLICY MANAGER	114,000		0.1	0.1		
<b>Total FTEs</b>			0.5	0.2		0.0

**III. D - Expenditures By Program (optional)**

NONE

**Part IV: Capital Budget Impact**

**IV. A - Capital Budget Expenditures**

NONE

**IV. B - Expenditures by Object Or Purpose**

NONE

**IV. C - Capital Budget Breakout**

*Acquisition and construction costs not reflected elsewhere on the fiscal note and description of potential financing methods.*

NONE

**IV. D - Capital FTE Detail:** *FTEs listed by classification and corresponding annual compensation. Totals agree with total FTEs in Part IVB.*

NONE

**Part V: New Rule Making Required**

*Provisions of the bill that require the agency to adopt new administrative rules or repeal/revise existing rules.*

# LOCAL GOVERNMENT FISCAL NOTE

Department of Commerce

<b>Bill Number:</b> 1924 S HB AMS ENET S5160.1	<b>Title:</b> Fusion technology policies
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**Part I: Jurisdiction**-Location, type or status of political subdivision defines range of fiscal impacts.

## Legislation Impacts:

- Cities:
- Counties:
- Special Districts:
- Specific jurisdictions only:
- Variance occurs due to:

## Part II: Estimates

- No fiscal impacts.
- Expenditures represent one-time costs:
- Legislation provides local option:
- Key variables cannot be estimated with certainty at this time:

### Estimated revenue impacts to:

None

### Estimated expenditure impacts to:

None

## Part III: Preparation and Approval

Fiscal Note Analyst: Kristine Williams	Phone: (564) 669-3002	Date: 02/27/2024
Leg. Committee Contact:	Phone:	Date: 02/26/2024
Agency Approval: Alice Zillah	Phone: 360-725-5035	Date: 02/27/2024
OFM Review: Val Terre	Phone: (360) 280-3073	Date: 02/27/2024

## **Part IV: Analysis**

### **A. SUMMARY OF BILL**

*Description of the bill with an emphasis on how it impacts local government.*

This note is on 1924 S HB AMS ENET S5160.1 and compares it to 1924 S HB.

#### **CHANGES BETWEEN THIS VERSION AND THE PRIOR VERSION OF THE BILL:**

This version of the bill removes language requiring the Interagency Clean Energy Siting Coordinating Council to deliver recommendations on fusion energy non-project EIS requirements and language which adds facilities manufacturing or assembling component parts for fusion energy facilities to the list of projects eligible for designation as projects of statewide significance. This version adds a new section 2 which directs the Energy Facility Site Evaluation Council and the Department of Health to establish a fusion energy work group of state agencies to identify and evaluate the development of new and existing pathways for producing fusion energy. Sec. 3 amends RCW 43.158.020 which directs the Department of Commerce to develop an application for the designation of clean energy projects of statewide significance which would include fusion energy facilities that produce electricity.

These changes do not affect the fiscal impacts discussed below.

This legislation would take effect 90 days after adjournment of the session in which the bill is passed.

#### **SUMMARY OF CURRENT BILL:**

This legislation would add fusion technology to the state's clean energy policies.

### **B. SUMMARY OF EXPENDITURE IMPACTS**

*Expenditure impacts of the legislation on local governments with the expenditure provisions identified by section number and when appropriate, the detail of expenditures. Delineated between city, county and special district impacts.*

This legislation would have no impact on local government expenditures.

### **C. SUMMARY OF REVENUE IMPACTS**

*Revenue impacts of the legislation on local governments, with the revenue provisions identified by section number, and when appropriate, the detail of revenue sources. Delineated between city, county and special district impacts.*

This legislation would have no impact on local government revenues.

#### **SOURCES**

Association of Washington Cities

Local Government fiscal note 1924 S HB (2024)