From: Jenna Kay
To: Cnty 2025 Comp Plan; Jeffrey Delapena
Cc: Oliver Orjiako; Jose Alvarez
Subject: FW: Battery Energy Storage Systems Programmatic Environmental Impact Statement -
Date: Tuesday, September 8, 2026 8:10:17 AM

For the record

From: Don Steinke <crvancouverusa@gmail.com>
Sent: Friday, September 4, 2026 8:26 PM
To: Jenna Kay <Jenna.Kay@clark.wa.gov>
Subject: Fwd: Battery Energy Storage Systems Programmatic Environmental Impact Statement -

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fyi

---------- Forwarded message ---------
From: **Don Steinke** <crvancouverusa@gmail.com>
Date: Wed, Sep 2, 2026 at 8:23 PM
Subject: Battery Energy Storage Systems Programmatic Environmental Impact Statement -
To: Councilor Sue Marshall <Sue.Marshall@clark.wa.gov>, Oliver Orjiako <Oliver.Orjiako@clark.wa.gov>, Small, Rebecca <Rebecca.Small@cityofvancouver.us>, Community Engagement <CommunityEngagement@clarkpud.com>

From Don Steinke

To Clark County, City of Vancouver and CPU

Hello,
It appears the Ecology is preparing a Programmatic EIS for Grid Scale Li-ion Batteries.
I submitted several comments, below

Need

California has been able to avoid burning fossil fuels for evening production of electricity by storing excess solar energy into batteries for evening use.

We absolutely need short term battery energy storages systems to store daytime solar for evening use.

We absolutely need solar plus batteries to reduce emissions.

Without short term batteries, wind and solar energy is often curtailed and goes to waste.

Alternatives

Consider increasing conservation and efficiency requirements such as in the Washington State Energy Independence Act, I-937

Consider including sodium-ion batteries in your study in addition to lithium-ion. See sodium-ion-batteries

Sodium ions are plentiful. Sodium ion batteries are cooled passively. They have fewer failure modes. They can operate in hotter and colder ambient temperatures. Although Lithium-ion batteries are best for light weight or mobile applications, sodium ion batteries may be preferable for stationary uses.

Consult

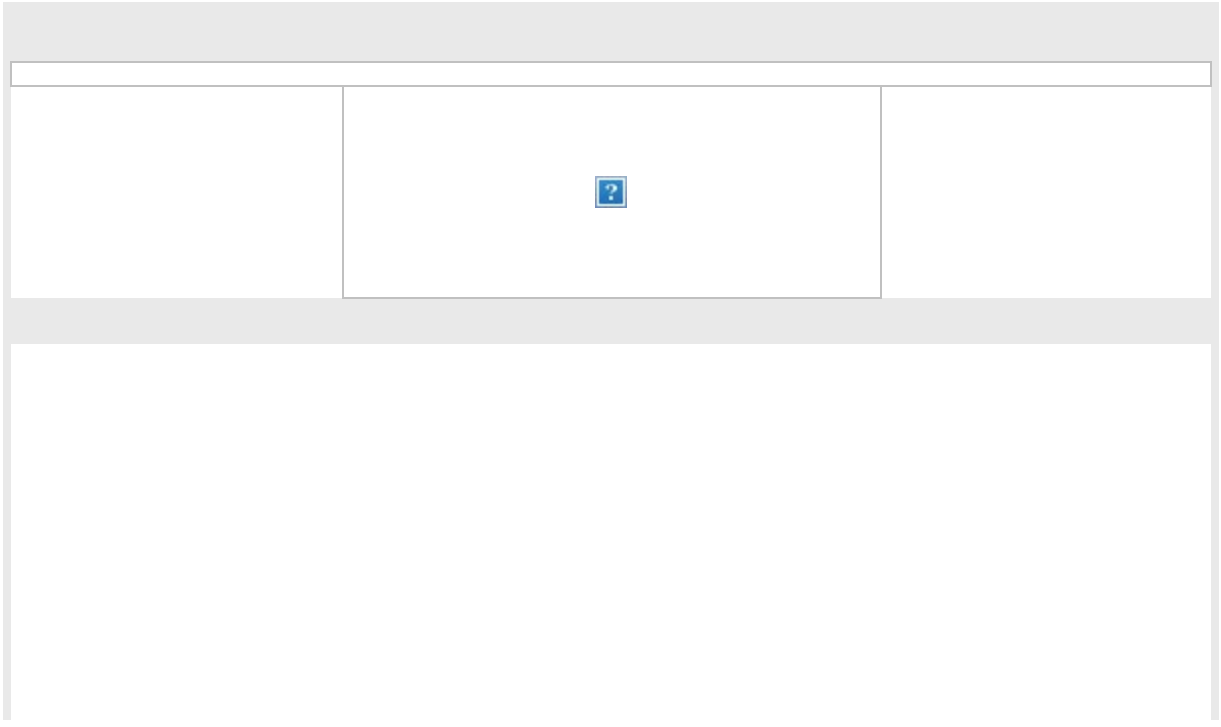
Consult with Minnesota, California, Texas, Portland General Electric and Arizona for lessons learned. See https://www.volts.wtf/p/sooner-than-you-think-electricity

Locations

Consider the implications of Trump's executive order (around Aug 31, 2026) seeking to protect high voltage long distance transmission systems from cyber threats. The concern is related to the components within batteries made by foreign entities of concern. Locating batteries downstream from substations might isolate a cyberattack to a neighborhood.

Instead of envisioning a dozen or more clustered grid scale batteries, broaden your scope to include single distributed grid scale batteries located in neighborhoods, in church parking lots and on top of commercial buildings. See https://www.volts.wtf/p/sooner-than-you-think-electricity

See below, fyi



Constable, a PGE-owned BESS facility located in Oregon

We are evaluating the environmental impacts and mitigation for utility-scale battery energy storage systems.

We are seeking public input to help us determine what to study. We are accepting comments through Oct. 1 at 11:59 p.m.

The scoping document explains the study process and gives a general overview of battery energy storage. Learn more on our battery energy storage webpage.

There are multiple ways to comment

1. **Use our online comment form**
2. **Comment at virtual public meetings:** The format of the two meetings will be the same, so it is not necessary to attend both. At each meeting, verbal comments will be accepted after a brief presentation. **Register using the links below.**

- September 15, 2026 at 9 a.m.
- September 23, 2026, at 1 p.m.

3. **Send comments by mail to:**

   Clean Energy Coordination

   Department of Ecology

   PO Box 47709

   Olympia, WA 98504-7709

Background

Battery energy storage systems, or 'BESS', use large, rechargeable batteries to store energy. They release power when people need more electricity or when power generation decreases. They can also provide backup power during outages and help strengthen the state's electrical grid.

Scoping is an opportunity for interested parties to provide input on the content of a PEIS. Ecology invites developers, state and local agencies, Tribes, and the public to provide input on the scope of study for the PEIS.

We will evaluate the following resources to determine if there are any significant environmental impacts.

- Earth resources
- Air resources
- Water resources
- Biological resources (species and habitats)
- Energy or natural resources
- Environmental health and safety
- Environmental justice and overburdened communities
- Tribal interests, Treaty rights, and resources
- Noise
- Land use
- Visual quality
- Recreation
- Historic and cultural resources
- Transportation
- Public services and utilities
- Cumulative impacts

We look forward to hearing your perspectives as this work moves forward. Please share this invitation with others in your community or network who may be interested in participating.

For more information and to stay in touch

- To continue receiving updates on the study, sign up for the clean energy coordination email list.
- For additional details, please visit our battery energy storage webpage or contact us at cleanenergy@ecy.wa.gov

Thank you!

Información en español



Estamos evaluando los impactos ambientales y las medidas de mitigación para los sistemas de almacenamiento de energía en baterías a escala de servicios públicos.

Estamos solicitando la opinión del público para ayudarnos a determinar qué estudiar. Aceptaremos comentarios hasta el 1 de octubre a las 11:59 p.m.

El documento de alcance explica el proceso de estudio y ofrece una visión general del almacenamiento de energía en baterías. Puedes obtener más información en nuestra página web sobre el almacenamiento de energía en baterías. Ambos enlaces llevan a contenido en inglés.

Hay varias formas de comentar

1. **Usa nuestro formulario de comentarios en línea**
2. **Comenta en las reuniones públicas virtuales:**Ambas reuniones seguirán el mismo formato, por lo que no es necesario asistir a ambas. Se aceptarán comentarios orales en cada reunión, después de una breve presentación. **Regístrate usando los enlaces a continuación.**

- 15 de septiembre de 2026 a las 9 a.m.
- 23 de septiembre de 2026, a la 1 p.m.

3. O por correo, a:

Clean Energy Coordination

Department of Ecology

PO Box 47709

Olympia, WA 98504-7709

Antecedentes

Hemos comenzado a trabajar en un estudio a nivel estatal sobre los sistemas de almacenamiento de energía en baterías. El estudio analizará los posibles impactos ambientales negativos y las formas de evitarlos, reducirlos y mitigarlos.

Los sistemas de almacenamiento de energía en baterías (BESS, battery energy storage systems) utilizan baterías grandes y recargables para almacenar energía. Liberan energía cuando la gente necesita más electricidad o cuando disminuye la producción de energía. También pueden actuar como fuentes energéticas de respaldo durante los cortes de luz y ayudar a fortalecer la red eléctrica del estado.

Evaluaremos los siguientes recursos para determinar si existen impactos ambientales significativos.

- Recursos terrestres
- Recursos atmosféricos
- Recursos hídricos
- Recursos biológicos (especies y hábitats)
- Energía o recursos naturales
- Salud y seguridad ambiental
- Justicia ambiental y comunidades sobrecargadas
- Intereses tribales, derechos de tratados y recursos
- Ruido
- Uso del suelo
- Calidad visual
- Recreación
- Recursos históricos y culturales
- Transporte
- Servicios públicos y utilidades
- Impactos acumulativos

Para obtener más información y mantenerte en contacto

- Para seguir recibiendo actualizaciones sobre el estudio, suscríbete a la lista de correo electrónico de coordinación de energía limpia.
- Para obtener detalles adicionales, visita nuestra página web de almacenamiento de energía en baterías o escribe a cleanenergy@ecy.wa.gov

Gracias!

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