A-Engrossed
Senate Concurrent Resolution 1

Ordered by the Senate March 11
Including Senate Amendments dated March 11

Printed pursuant to Senate Interim Rule 213.28 by order of the President of the Senate in conformance with pre-session filing rules, indicating neither advocacy nor opposition on the part of the President (at the request of Senate Interim Committee on Environment and Natural Resources)

SUMMARY

The following summary is not prepared by the sponsors of the measure and is not a part of the body thereof subject to consideration by the Legislative Assembly. It is an editor's brief statement of the essential features of the measure.

Declares legislative support for **closed-loop** pump storage energy projects.

CONCURRENT RESOLUTION

Whereas Oregon has recognized the threat of climate change for many years and has developed policies to reduce greenhouse gas emissions and create living wage jobs and economic opportunities in Oregon; and

Whereas in 2007, the Legislative Assembly established goals of reducing greenhouse gas emissions to 10 percent below 1990 levels by 2020, and 75 percent below 1990 levels by 2050; and

Whereas in 2016, the Legislative Assembly passed legislation requiring Oregon electric utilities to phase out the use of coal-generated electricity to serve Oregon customers by 2035 and requiring large electric utilities to generate at least 50 percent of their electricity from renewable energy sources by 2040; and

Whereas the Northwest Hydro System has facilitated integration of renewable energy into the Oregon electricity grid, but that system will need to be complemented by other forms of energy storage in the future as renewable energy continues to increase; and

Whereas in moving to a clean energy economy, there will be the need for increasing amounts of energy storage to integrate renewable energy into the Oregon electricity grid; and

Whereas most of the existing utility-scale energy storage in the United States is in the form of pump storage; and

Whereas pump storage, including closed-loop pump storage, is the most proven, cost-effective method of energy storage at scale and for longer duration; and

Whereas closed-loop pump storage consists of pumping or generating electricity by moving water through a powerhouse between an upper and a lower reservoir; and

Whereas closed-loop pump storage projects recycle water in an efficient way and when properly sited have limited adverse environmental impacts; and

Whereas closed-loop pump storage projects are required to go through a rigorous permitting process under Federal Energy Regulatory Commission jurisdiction, including consultation with any impacted Indian tribe and mitigation for impacts to cultural resources; and

Whereas an individual closed-loop pump storage project creates thousands of construction jobs over a three- to five-year period in rural communities and dozens of permanent jobs; and

NOTE: Matter in **boldfaced** type in an amended section is new; matter [*italic and bracketed*] is existing law to be omitted. New sections are in **boldfaced** type.

Whereas Oregon and the Pacific Northwest have several possible closed-loop pump storage development opportunities; now, therefore,

Be It Resolved by the Legislative Assembly of the State of Oregon:

That we, the members of the Eighteenth Legislative Assembly, support the development of environmentally appropriate closed-loop pump storage projects, and we encourage Oregon regulators to support closed-loop pump storage and Oregon utilities to utilize closed-loop pump storage in their energy resource mixes to meet their capacity needs in the coming years.
