

A World Institute for a Sustainable Humanity
 Alaska Housing Finance Corporation
 Alliance to Save Energy
 Alternative Energy Resources Organization
 American Rivers
 Assoc. for the Advancement of Sustainable Energy Policy
 Central Area Motivation Program
 Citizens Utility Board
 Climate Solutions
 Cold Spring Conservancy
 Community Action Directors of Oregon
 Earth and Spirit Council
 Emerald People's Utility District
 Eugene Future Power Committee
 Eugene Water & Electric Board
 Fair Use of Snohomish Energy
 Friends of the Earth
 Golden Eagle Audubon Society
 Greenpeace
 Housing & Community Service Agency of Lane Co.
 Human Resources Council, District XI
 Idaho Community Action Association
 Idaho Community Action Network
 Idaho Conservation League
 Idaho Consumer Affairs
 Idaho Rivers United
 Idaho Rural Council
 Idaho Wildlife Federation
 Kootenay-Okanagan Electric Consumers Association
 Land and Water Fund of the Rockies
 League of Utilities and Social Service Agencies
 League of Women Voters - ID, OR & WA
 Metrocenter YMCA
 Missoula Urban Demonstration Project
 Montana Environmental Information Center
 Montana Public Interest Research Group
 Montana River Action
 Montana Trout Unlimited
 Mountaineers
 National Center for Appropriate Technology
 Natural Resources Defense Council
 Northern Plains Resource Council
 Northwest Energy Efficiency Council
 Northwest Resource Information Center
 NW Sustainable Energy for Economic Development
 Olympic Community Action Program
 Opportunity Council
 Oregon Action
 Oregon Energy Coordinators Association
 Oregon Energy Partnership
 Oregon Environmental Council
 Oregon State Public Interest Research Group
 Pacific Northwest Regional Council of Carpenters
 Pacific Rivers Council
 Portland Energy Conservation, Inc.
 Portland General Electric
 Puget Sound Alliance for Retired Americans
 Renewable Northwest Project
 Rivers Council of Washington
 Salmon for All
 Save Our Wild Salmon Coalition
 Seattle Audubon Society
 Seattle City Light
 Sierra Club
 Sierra Club of British Columbia
 Snohomish County Public Utility District
 Solar Energy Association of Oregon
 Solar Information Center
 Solar Washington
 South Central Idaho Community Action Agency
 South East Idaho Community Action Agency
 Southern Alliance for Clean Energy
 Spokane Neighborhood Action Programs
 Tahoma Audubon Society
 Trout Unlimited
 Union of Concerned Scientists
 WA Association of Community Action Agencies
 Washington Citizen Action
 Washington Environmental Council
 Washington Public Interest Research Group
 Washington Wilderness Coalition
 Western Solar Utility Network Cooperative
 Working for Equality and Economic Liberation
 Yakima Valley Opportunities Industrialization Center

Associate Members:
 City of Ashland
 Puget Sound Energy

Supporting Members:
 Clackamas County Weatherization
 Housing Authority of Skagit County
 Multnomah County Weatherization
 Rocky Mountain Institute
 WA Department of Community Development
 Washington State University Energy Program



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CLEAN ENERGY OPTIONS BREAKING THROUGH COST BARRIERS

New study shows conservation and renewable resources primed to meet Northwest's growing power needs

Seattle, Washington — A study released today by the Tellus Institute shows the Northwest can meet all of its growing need for electricity by increasing energy efficiency and investing in new sources of renewable power generation. Thanks to recent innovations, clean energy technologies are primed to compete with natural gas-fired power plants, the economic benchmark for new power generation.

“Clean energy is not a feel-good fantasy, it’s a real solution to the challenges we face in the Northwest,” said Sara Patton, executive director of the NW Energy Coalition. “Far from suffering an energy crunch, we can enjoy an abundance of clean, affordable energy.”

U.S. Senator Maria Cantwell from Washington sees economic opportunity for the region. “Studies like this contribute to the debate about ways in which the Northwest is uniquely poised to succeed when it comes to energy efficiency and renewables,” said Senator Cantwell.

The study shows we can meet all of the Northwest’s new power demand with cost competitive clean energy and even retire some existing power plants. The region will need about 5,300 average megawatts (aMW) of additional generation by 2020, enough juice to power nearly five cities the size of Seattle.

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The Tellus report shows we can slash that demand by 3,100 aMW through cost-effective conservation and generate 9,000 aMW with new wind, biomass and geothermal resources at prices comparable to what we would pay for new gas-fired generation. "Most of the resource potentials are based on technologies readily available in today's market, and others that can be commercialized within a decade," said Michael Lazarus, primary author of the study.

The Northwest Power Planning Council welcomes this timely, new analysis. "It's premature for us to comment on the overall conclusions of the Tellus report. However, we hope the Tellus study has uncovered new energy efficiency technologies and practices, new applications of existing technology, and up-to-date information on costs," said Dick Watson, power planning director for the Council.

Under business-as-usual energy development most of the region's growing power demand would be met with gas-fired power plants. Tellus suggests a much different approach. Investing in energy efficiency and diversifying the Northwest energy mix with alternative sources offers clear environmental advantages, but will also act to stabilize energy prices and make our power supply more secure. Much like a diverse financial portfolio guards against the ups and downs of Wall Street, energy diversity mutes swings in the price and supply of any single resource.

Tellus identifies 14,431 aMW of potential energy available through conservation and renewable resources. Pulling out the most cost-effective conservation measures and competitively priced renewables yields just over 12,000 aMW, most of which costs 4.1 cents per kilowatthour or less. The cost of new gas-fired generation ranges between 3.5 cents and 4.0 cents per kilowatthour.

Clean Electricity Options for the Pacific Northwest was written by Michael Lazarus, David von Hippel and Stephen Bernow of the Tellus Institute. The study was paid for by The Energy Foundation.

The NW Energy Coalition is a regional alliance of more than 95 diverse community organizations and utilities from Montana, Idaho, Washington and Oregon. Based in Seattle, the Coalition advocates investments in energy conservation, new renewable resources, low income energy services and salmon restoration.

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