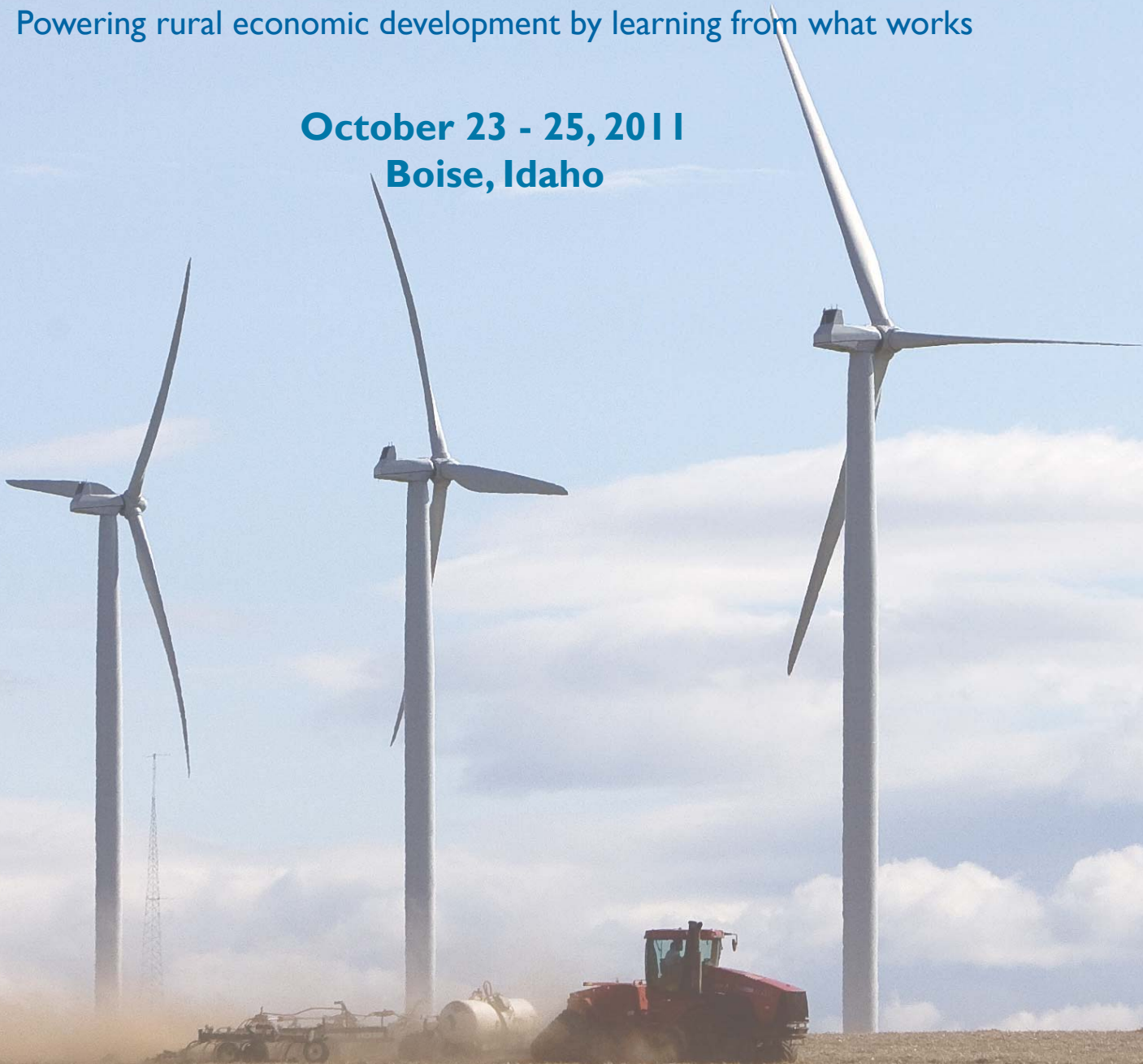


11th Annual Northwest Conference

Harvesting CLEAN ENERGY 11

Powering rural economic development by learning from what works

October 23 - 25, 2011
Boise, Idaho



Harvestcleanenergy.org

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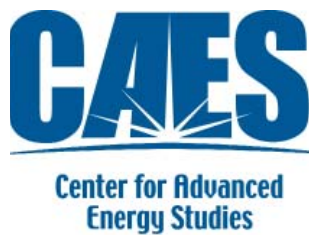
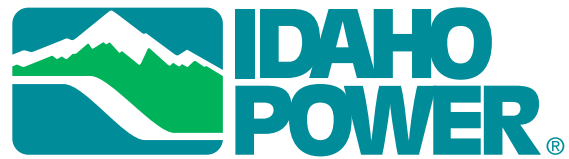
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– 11th Annual –
2011 Harvesting Clean Energy Conference

October 23 - 25, 2011 – Boise Centre, Idaho

SUNDAY, OCTOBER 23

Registration: Noon - 6:00 p.m. in the Meadow

CLEAN ENERGY TOURS
Meet in the Boise Centre Meadow

Southern Idaho Clean Energy Tour - 8:00 a.m. to 4:00 p.m.

We will travel by bus from Mountain Home Wind Farm to Fish Breeders Inc. in Hagerman to Kohntopp Solar/Wind Installation in Filer. We will stop for Lunch in Twin Falls, then tour Cargill Inc.'s Digester at Bettencourt Dairy B6 Farm in Wendell; Return to Boise by 4:00 p.m.

Waste to Power - 9:00 a.m. to Noon

Bus tour of Ada County Landfill waste to energy project; then tour City of Boise's West Boise Wastewater Treatment Facility where methane is captured.

Energy Efficiency in Food Processing - 9:30 a.m. to 11:30 a.m.

Tour Simplot's frozen potato warehouse with LED lighting and tour Simplot frozen French Fry processing operation.

Understanding the Grid - 10:00 a.m. to Noon

This is a walking tour that will be approximately 1.5 miles round trip. We will tour Idaho Power Grid Operations, and then return to Boise Centre.

EXHIBIT BOOTHS OPEN
Noon - 6:30 p.m. in the Meadow

SPECIAL WORKSHOPS
2:00 p.m. – 3:30 p.m.

HOW USDA CAN HELP YOU: Tapping into USDA's Energy Programs (Cottonwoods Room)

Moderator: Jake Ball, District Director, U.S. Representative Raul Labrador's Office

- Brian Buch, Rural Energy Coordinator, USDA Rural Development – Idaho
- Richard Rush, USDA Farm Services Agency Idaho State Director
- Andy Olson, E-Newables

SPEED MATTERS: How Pyrolysis Works to Make Bio-Oil and Biochar (Firs Room)

Moderator: Jim Amonette, Pacific Northwest National Laboratory

- Manuel Garcia-Perez, Washington State University
- Mariefel Olarte, Pacific Northwest National Laboratory
- Jason Streubel, Washington State University

SPECIAL OPENING PANEL DISCUSSION
Waters Room, 4:00 p.m. – 5:30 p.m.

PREVENTING THE BACKLASH: Community Support and the Successful Project

Moderator: Michael Grossman, 50+1

- Jeffery Bell, Gallatin Public Affairs
- Bob Breckinridge, Senior Scientist, Idaho National Laboratory
- Suzanne Leta Liou, Development Manager, RES America Developments Inc

WELCOMING RECEPTION
Meadow, 5:30 p.m. – 6:30 p.m

Quiz our exhibitors, network with attendees, enjoy some light hors d'oeuvres and make plans to venture into beautiful downtown Boise for dinner!

MONDAY, OCTOBER 24

Registration and breakfast buffet 7:00 a.m. - 8:00 a.m. in the Meadow

WELCOME and OPENING KEYNOTE

Eagle Room, 8:00 a.m. – 9:00 a.m.

- Overview of the Conference - Emcee: Dale Dixon, owner, Dale Dixon Media
- Welcome Keynote – C.L. “Butch” Otter, Governor of Idaho
- Optimizing Our Region’s Energy Resources - Vice Admiral John J. Grossenbacher (Ret.), Director, Idaho National Laboratory

PLENARY PANEL

Eagle Room, 9:00 a.m. – 10:00 a.m.

THE COMPLETE FARM ENERGY STRATEGY – Farm Energy Innovator Awards

Governor Otter will present the Farm Energy Innovator Awards, then you’ll hear from Northwest farmers who are harvesting a full range of clean energy resources, from energy efficiency to renewable power and biofuels. These farmers, from each of the four NW states, are building a long-term integrated energy strategy to control costs, manage risk, and benefit the bottom line.

Moderator: Frank Priestley, President, Idaho Farm Bureau Federation

- Mike Garner, Heglar Creek Farms, Declo Idaho
- Brett Earl, Earl Fisher Biofuels, Chester Montana
- Kent and Laura Madison, Madison Farms, Echo Oregon
- Darryl Vander Haak, Vander Haak Farm, Lynden Washington

MILK BREAK – Network and visit with our Exhibitors

Meadow, 10:00 a.m. – 10:30 a.m.

Dairy delights sponsored by Idaho Dairy Products Commission

“GET IN-DEPTH” BREAKOUT SESSIONS - Round I

10:30 a.m. – Noon

CUTTING FAT ON THE FARM – Saving Money With Efficiency (Salmon Room)

Track: Cheap and Abundant: Energy Efficiency for Farms and Rural Businesses

Moderator: Tom Osborn, Bonneville Power Administration

- Quentin Nesbitt, Idaho Power
- Rick Rumsey, Engineering Consultant, High Country RC&D Ag Energy Efficiency Program
- Lori Ringel, Program Manager/Coordinator, IMW Ag Energy Efficiency Program, High Country RC&D
- Dick Stroh, Mechanical Engineer, Bonneville Power Administration
- Kent Madison, Owner, Madison Farms

STRATEGIES TO ‘IN-SOURCE’ EFFICIENCY, SMART GRID AND MANUFACTURING JOBS (Willows Room)

Track: Harvesting Jobs: Growing the Clean Energy Industry and Workforce

Moderator: Jay Larsen, Executive Director, Idaho Technology Council

- C. Lloyd Mahaffey, Chairman and CEO, Dynamis
- Clay Young, CEO, Inovus Solar

GEOHERMAL – Farming With the Heat Below Your Feet (Payette Room)

Track: Developing Renewable Energy for Farms and Communities

Innovative farmers are harvesting heat from the earth to warm up greenhouses, aquaculture ponds, and buildings.

Moderator: Ken Neely, Technical Hydrogeologist, Idaho Department of Water Resources

- Leo Ray, Fish Breeders of Idaho
- Lee Barron, Consultant, Boise, ID
- Scotty Davenport, Valley County Geothermal, Cascade, ID

THERE’S POWER IN THAT PILE: Biogas Digesters for Dairies (Cottonwoods Room)

Track: Plants into Power – Practical Approaches to Harness Biomass Energy

Moderator: John Miller, Associated Press

- Donald H. Schriver, Consultant to CEO, Dairy Management Inc., Innovation Center for U.S. Dairy
- Darryl Vander Haak, Owner, Vander Haak Dairy
- Sheldon Zakreski, Senior Program Manager, The Climate Trust

BIOFUEL FEEDSTOCKS: Streamlining How We Handle and Move Material (Merlins Room)

Track: Plants into Power – Practical Approaches to Harness Biomass Energy

Moderator: Melinda Hamilton, Idaho National Laboratory

- Mike Perry, Washington Forest Concepts
- Gary Banowetz, Oregon State University
- Chris Wright, Idaho National Laboratory

LUNCHEON and PLENARY PANEL

Eagle Room, Noon – 1:45 p.m.

ENERGY INNOVATION, CORPORATE STRATEGY AND RURAL ECONOMIC DEVELOPMENT

A growing number of major companies who create and sustain jobs in Northwest rural communities see energy as an important area where innovation can provide them competitive advantage, create new business opportunities, and/or control costs. This panel explores the strategic reasons that energy has emerged as key focus for leading companies and outlines ways these companies are innovating their way to a profitable future.

Moderator: John Chatburn, Interim Administrator, Idaho Governor's Office of Energy Resources

- David Allen, Executive Vice President, McKinstry
- Haven Baker, VP of New Market Initiatives, JR Simplot Company
- Donald H. Schriver, Consultant to CEO, Dairy Management Inc., Innovation Center for U.S. Dairy

MILK BREAK – Network and visit with our Exhibitors

Meadow, 1:45 p.m. – 2:15 p.m.

Dairy delights sponsored by Idaho Dairy Products Commission

PLENARY PANEL

Eagle Room, 2:15 p.m. – 3:30 p.m.

THE NEW NORTHWEST POWER GRID: With the growth of dynamic resources like wind and solar power, the Northwest power grid is changing. Learn about the key challenges facing grid managers in this new era, and how smart grid technologies and other strategies can help the region successfully integrate more renewable resources.

Moderator: Marsha Smith, Commissioner, Idaho Public Utilities Commission

- Ken Dragoon, Senior Resource Analyst, Northwest Power and Conservation Council
- Peter Christensen, Technology Commercialization Manager, Pacific Northwest National Laboratory
- Lee Hall, Smart Grid Program Manager, Bonneville Power Administration
- Bill White, Senior Advisor, Energy Futures Coalition

GET IN-DEPTH BREAKOUT SESSIONS - Round 2

3:45 p.m. – 5:15 p.m.

THE NORTHWEST FOOD PROCESSORS ENERGY INITIATIVE: Efficiency, Innovation and Competitiveness (Willows Room)

Track: Cheap and Abundant: Energy Efficiency for Farms and Rural Businesses

Moderator: John Gardner, Director, BSU Energy Efficiency Research Institute

- Stace Campbell, McCain Foods
- Pam Barrow, Energy Director, Northwest Food Processors Association
- Don Sturtevant, Corporate Energy Manager, JR Simplot Company

RENEWABLE ENERGY DEVELOPMENT: Maximizing Local Job Creation (Cottonwoods Room)

Track: Harvesting Jobs: Growing the Clean Energy Industry and Workforce

Moderator: Richard Holman, Manager of Energy Workforce Initiatives, Center for Advanced Energy Studies

- Todd Schwarz, Instructional Dean, College of Southern Idaho
- Mike Graine, Renewable Energy Policy Manager, Business Oregon
- Dan Lloyd, Energy Development Specialist, Montana Department of Commerce
- Lawrence Beaty, Interim Executive Director of the Energy Systems Technology and Education Center, Idaho State University

MONEY FROM THE SUN – New Opportunities in Solar Hot Water and Electricity (Salmon Room)

Track: Developing Renewable Energy for Farms and Communities

Moderator: Ryan Romaneski, Northwest SEED

- Frank Donaldson, Capital Sun Group, Boise, ID

- Bob Patterson, Public Works Director, Pendleton, OR
- Jon Riley, Chief Operating Officer, Site Based Energy

STATE-LEVEL BEST PRACTICES: Lessons From Around the Northwest (Merlins Room)

Track: Strategies and Policy to Drive Rural Clean Energy Development

Moderator: Bob Maynard, Managing Director, Boise Office, Perkins Coie

- David Naccarato, Business Development Manager, McKinstry
- Chris Cassidy, National Business Renewable Energy Advisor, US Department of Agriculture
- Adam Schumaker, Policy Associate, Renewable Northwest Project

ENERGY CONNECT! RECEPTION

Meadows, 5:30 p.m. – 7:00 p.m.

A special mixer in partnership with Idaho Technology Council's Energy Consortium. Enjoy the 'energy buzz'. Free to all Harvesting Clean Energy Conference attendees. Hors d'oeuvres, cash bar, and networking with leading energy innovators. Sponsored by Ridgeline Energy LLC. [Brief remarks from Doug Sayer, Owner and President, Premiere Technology, Inc.](#)

TUESDAY, OCTOBER 25

Registration and breakfast buffet 7:00 a.m. - 8:00 a.m. in the Meadow

OPENING SPEAKERS

Eagle Room, 8:00 a.m. - 8:45 a.m.

How Energy Efficiency is Strengthening our Industry

Pam Barrow, Energy Director, Northwest Food Processors Association

The Impact of the REAP Program in the Northwest

Anthony Crooks, Renewable Energy Policy Specialist, Wash DC, USDA Rural Development

GET IN-DEPTH TRACKS – Round 3

9:00 a.m. - 10:30 a.m.

SMALL SCALE HYDRO POWER (Willows Room)

Track: Developing Renewable Energy for Farms and Communities

Moderator: Catrin van Donkelaar, Engineer, McMillen

- Louis Zamora, Twin Falls Canal Company, Twin Falls
- John Crockett, Crockett Consulting, Boise ID
- Wynne Auld, Renewable Energy Solutions, Wallowa, OR

ENERGY FOR TRIBAL ECONOMIC DEVELOPMENT (Salmon Room)

Track: Developing Renewable Energy for Farms and Communities

Moderator: Andrea Alexander, Energy Director, Affiliated Tribes of NW Indians

- Direlle Calica, Energy Advisor, Affiliated Tribes of Northwest Indians
- Brian Lipscomb, Energy Director, Salish-Kootenai Tribe
- John Sirois, Energy Development, Colville Tribes

BIODIESEL: Can it Scale Up in the Northwest? (Merlins Room)

Track: Plants into Power – Practical Approaches to Harness Biomass Energy

Moderator: Howard Haines, Bioenergy Program Manager, Montana Department of Environmental Quality

- Day Soriano, Program Development Director, Opportunity Link
- Brett Earl, Earl-Fisher Biofuels
- Alex Schay, Owner and Founder, Carbon Solutions

FUELS FOR SCHOOLS: Powering Classrooms With Waste Wood (Cottonwoods Room)

Track: Plants into Power – Practical Approaches to Harness Biomass Energy

Moderator: Bob Harrington, Montana State Forester

- Bill Carlson, Small Power Consultants and former Chairman, Biomass Power Association
- Angela Farr, US Forest Service, Fuels for Schools

MILK BREAK – Network and visit with our Exhibitors

Meadows, 10:30 a.m. – 11:00 a.m.

Dairy delights sponsored by Idaho Dairy Products Commission

GET IN-DEPTH TRACKS – Round 4

11:00 – 12:30 p.m.

NEXT-GEN BIOFUELS: The Bio-refinery (Willows Room)

Track: Plants into Power – Practical Approaches to Harness Biomass Energy

Moderator: Sue Safford, Oregon Built Environment & Sustainable Technologies Center

- Paul Koehler, Vice President, Pacific Ethanol
- Morley Kjargaard, Bio Energy and Bio Chemicals Initiatives, Province of Alberta, Canada
- Daniel Shafer, Beaver Biodiesel

THE POLITICS OF NORTHWEST BIOMASS (Cottonwoods Room)

Track: Strategies and Policy to Drive Rural Clean Energy Development

Moderator: John Gardner, Dean of Academic Affairs, Bainbridge Graduate Institute

- David Naccarato, Business Development Manager, McKinstry
- Tom Todaro, CEO, AltAir Fuels
- Michael Hurd, Director, Environmental Strategy, Boeing Commercial Airplanes

SLASHING YOUR BILL: How Rural Dairies Have Cut Their Energy Costs (Merlins Room)

Track: Cheap and Abundant: Energy Efficiency for Farms and Rural Businesses

Moderator: Bob Naerebout, Idaho Dairywomen's Association

- Tony Vander Hulst, Westpoint and Southfield Dairies
- Steve Ballard, Ballard Dairy and Cheese
- Jeremiah Higley, Automated Dairy

FARM-SCALE AND COMMUNITY WIND: Innovative Models That Make Smaller Projects Profitable (Salmon Room)

Track: Developing Renewable Energy for Farms and Communities

Moderator: Kurt Myers, Idaho National Laboratory

- Ormand Hildebrand, Pa Tu Wind, Wasco, OR
- Dave Van't Hof, Lane Powell, Portland
- Kent Madison, Madison Farms, Echo, OR

LUNCHEON, PLENARY PANEL, and FINAL WRAP-UP

Eagle Room, 12:30 p.m. – 2:00 p.m.

SUSTAINING THE BIOMASS BALANCE: Can Bio-energy Boost Rural Economies, Power our Planes and Benefit the Environment?

Moderator: Bill Carlson, Board Member, Biomass Power Association

- John Gardner, Dean of Academic Affairs, Bainbridge Graduate Institute
- Patrick Mazza, Research Director, Climate Solutions and primary researcher, *Sustainable Aviation Fuels Northwest: Powering the Next Generation of Flight*
- Michael Hurd, Director, Environmental Strategy, Boeing Commercial Airplanes



The conference continues year-round with the Harvesting Clean Energy Online Community

Access our panel of experts with your clean-energy project questions when you visit www.harvestcleanenergy.org. This is your opportunity to **Ask a Pro** about clean energy on your farm or for your rural small business.

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US Forest Service

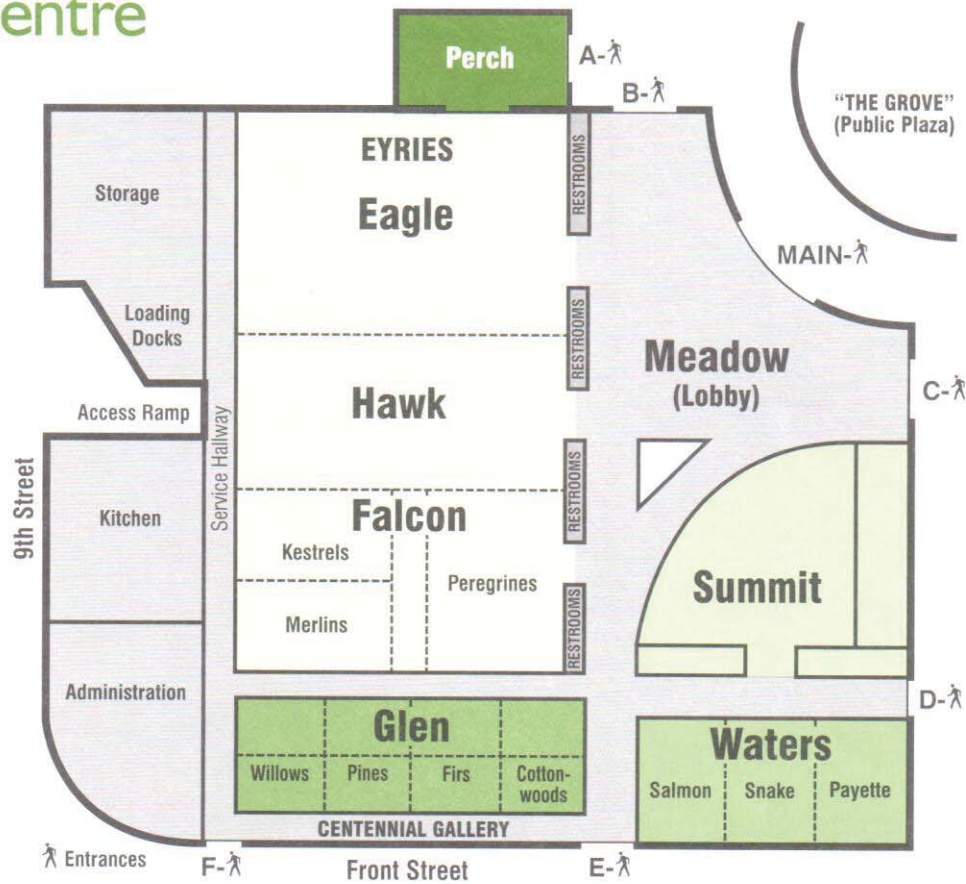
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The Harvesting Clean Energy Online Community



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Your participation in the online community helps others grow clean energy.

The answer to your question will be posted on our website so that everyone can benefit from your inquiry. We also feature clean-energy project success stories that will inspire you. Have a success story of your own? Visit the Harvesting Clean Energy website and contact us with what has worked for you.

Harvestcleanenergy.org

The Harvesting Clean Energy Online Community powers rural economic development by uniting clean energy and agriculture. The **Ask a Pro** forum draws on experts with real-world experience getting successful projects financed and built. Participants in the community represent clean-energy firms, farmers and food processors, utilities, agency representatives, elected officials, economic development and business leaders, researchers and educators.



HCE Online Community
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