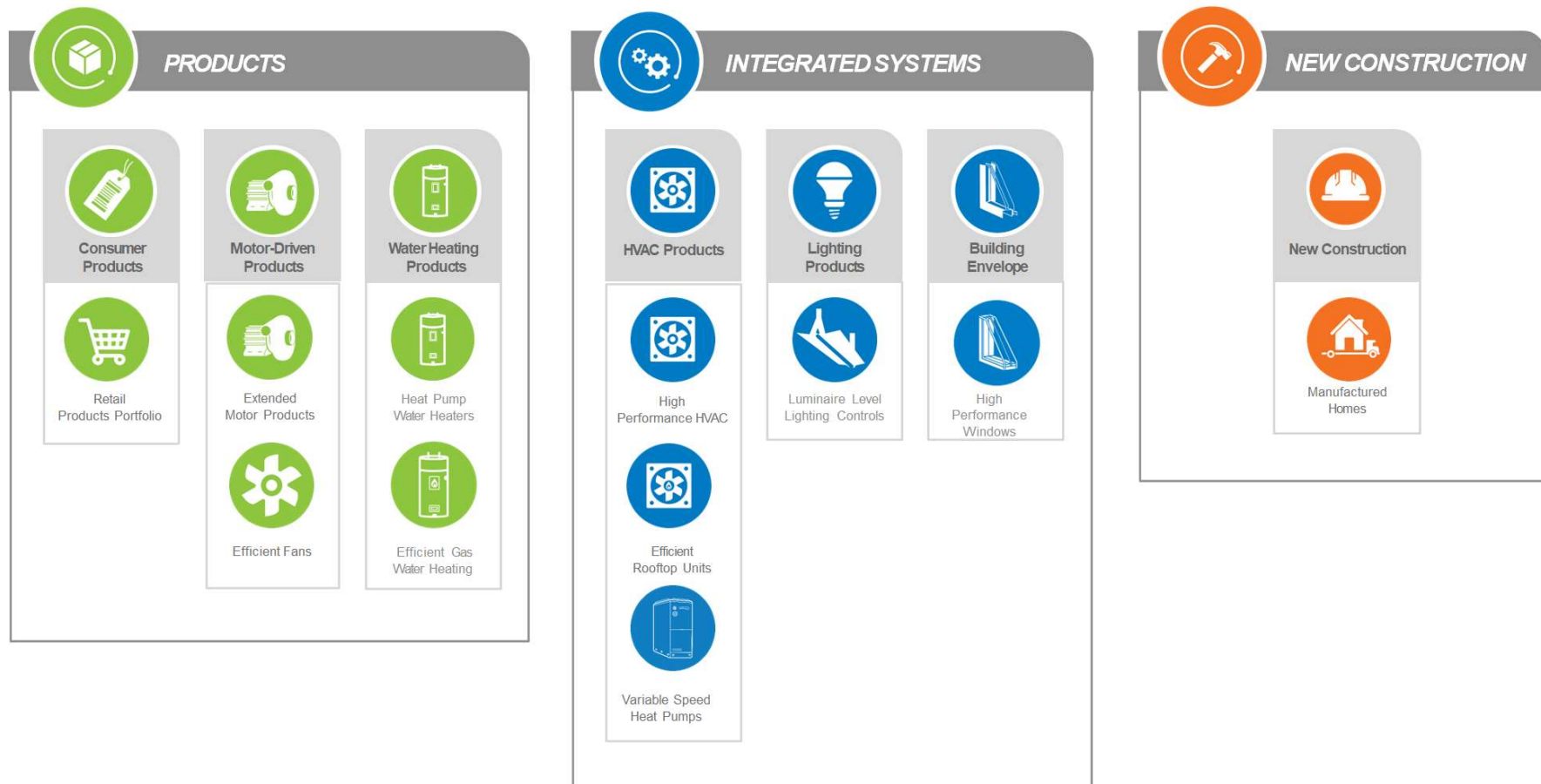


2023
Q1

Market Progress Quarterly Report

*This icon map shows the programs featured in this report. **Ctrl + Click** on a program icon to jump to that section of the report.*





Products

Initiative Name

Manager

Fuel Type

Initiative Goal



Consumer Products Product Group

Retail Products Portfolio (RPP)

Anne Brink

Electric

Leverage midstream incentives to influence retail stocking practices, ultimately driving manufacturing and standards for a portfolio of energy efficient products sold through the retail channel.

2023 Operations Plan
Milestones

Target

Threshold

Status as of
5/7/2023

Comment

Effectively implement product-specific strategies.

Document significant specification/standard progress related to four products by Q4.

Document significant specification/standard progress related to two products by Q4.

On target

NEEA is continuing to pursue product-specific strategies across the portfolio. This program year, the ENERGY STAR version 9.0 is going into place for TVs. Additionally, NEEA will be continuing to inform standard processes for refrigerators, clothes washers, and freezers in Q2, as well as monitor and displays and room air conditioners later in the year.

Explore alternative opportunities to promote efficient TVs.

Determine and implement TV strategy to increase participation in ENERGY STAR version 9.0 by end of Q2.

Determine and implement TV strategy to increase participation in ENERGY STAR version 9.0 by end of Q3.

On target

The Department of Energy (DOE) signed and made effective the final rulemaking on the TV test procedure, which will be required by Q3 2023. This method aligns with ENERGY STAR version 9.0. As of Q1 2023, seven manufacturers have signed the voluntary agreement to align with this standard. The program team plans on working with the Environmental Protection Agency (EPA) to develop an Emerging Technology Award and/or Most Efficient level.

Grow and strengthen ESRPP Program through targeted recruitment and retention activities.

Conduct outreach to four target program sponsors by Q4.


Conduct outreach to two target program sponsors by Q4.

On target


ESRPP recruitment for the 2023 program year is ongoing. The New York State Energy Research and Development Authority (NYSERDA) joined as a program sponsor on April 1, 2023. Hawaii Energy is scheduled to join the program starting July 1, 2023. The program is engaging with several other potential program sponsors, including utilities in New Hampshire, Massachusetts, and Arizona.



Products


Initiative Name		Manager	Fuel Type	Initiative Goal	
 Motors Product Group	Extended Motor Products (XMP)		Warren Fish	Electric	Working midstream with distributors and manufacturers, drive awareness, stocking and sales of highly efficient pumps and circulators, and influence Federal standards over time.
	2023 Operations Plan Milestones	Target	Threshold	Status as of 5/7/2023	Comment
	Leverage relationships with pump manufacturers, distributors, and industry associations to benefit long term market transformation and accelerate the pace of smart pump and variable load pump sales growth.	Smart pumps market share of 20 percent or more and smart circulators market share of 15 percent or more.	Smart pumps market share of 15 percent or more and smart circulators market share of ten percent or more.	On target	Continued active participation by eight pump and circulator manufacturers' representative firms, with smart pump market share reaching 18 percent and the smart circulator market share reaching 20 percent in Q1 2023.
	Motivate participating manufacturers' representative firms to preferentially stock and to increase sales of highly efficient pumps and circulators.	Highly efficient market share of 25 percent or more.	Highly efficient market share of 15 percent or more.	Heads up	Highly efficient market share reached 20 percent in Q1 2023, which is below the target of 25 percent but is above the threshold of 15 percent. Several representative firms have significant Program Support Plan activities planned for Q2, including trainings, lunch-and-learns, and counter-days. This should help bring market share up to target in Q2.
	Raise awareness of energy efficient pumps, the Hydraulic Institute (HI) Energy Rating (ER) label, and the specific benefits of smart pumps related to installation and maintenance costs.	400-plus contact hours with Northwest pump buyers/specifiers to educate about the ER label and HI's lifecycle cost calculator.	300-plus contact hours with NW pump buyers/specifiers to educate about the ER label and HI's lifecycle cost calculator.	On target	In Q1, the program reached over 90 attendees about pumps during a breakout session at the Powerful Facilities Energy Conference. In addition, participating representative firms spoke directly to 53 attendees across 12 separate events this quarter. The program is on track to exceed our annual target of 400-plus contact hours.

Products

	Initiative Name	Manager	Fuel Type	Initiative Goal	
 Motors Product Group	Efficient Fans	Tamara Anderson	Electric	Develop program to accelerate the adoption of efficient fans and fan system components.	
	2023 Operations Plan Milestones	Target	Threshold	Status as of 5/7/2023	Comment
	Assess the landscape around codes and standards activities.	Develop codes and standards action Plan Q4 2022.	Develop codes and standards action plan Q1 2023.	On target	The team developed a codes and standards plan to document the current landscape as it relates to Efficient Fans. The plan identifies future opportunities especially the forthcoming final rule on the first ever test procedure and the Notice of Proposed Rulemaking for Commercial and Industrial Fans and Blowers Fans and Blowers.
	Identify and scope initial manufacturers to partner with for program pilots.	Pilot partners confirmed by Q2 2023.	Pilot partners confirmed by Q4 2023	Heads up	The team completed the Fan Manufacturer Regional Market Share Research Study, which is published on neea.org and informed which strategic partners to reach out to for the program pilot. Outreach is underway with several major fan manufacturers and the program expects to meet the target by the end of the year.
	Understand components of fan systems, and what drives fan efficiency.	Updated product plan in Q4 2023.	Updated product plan in Q1 2024.	Heads up	The team has initiated a bid for a proposal to inform this work, and the research is still in the scoping phase. The program team anticipates having a report completed by the end of the year, which will inform the Product Plan development in late 2023 or early 2024.
	Understand factors supporting and constraining the decision to purchase an efficient fan, including within manufacturers' selection software.	Market Characterization Report completed in Q4 2023.	Market Characterization Report completed in Q1 2024.	On target	NEEA is contracting with DNV for the Fan Systems Market Characterization work. The project kicked off in March. Specific research objectives will focus on describing the path to purchase for efficient fans, including the roles, motivations, and perspectives of relevant market actor groups. The team expects a final report to be complete in Q4 2023.



Products

Initiative Name		Manager	Fuel Type	Initiative Goal
 Water Heating Product Group	Heat Pump Water Heaters (HPWHs)	Emily Rosenbloom	Electric	Influence passage of a federal standard for all electric storage tanks > 45 gallons by 2025.
	2023 Operations Plan Milestones	Target	Threshold	Status as of 5/7/2023 Comment
	Explore appropriate solutions and applications of heat pump water heaters in multifamily.	Two original equipment manufacturers (OEMs) provide technical guide for multifamily by Q3.	One OEM provides technical guide for multifamily by Q4.	On target In Q1, planning began for phase two of the design charrette held in Q4 2022. This phase two will focus on barriers and design solutions for existing multifamily applications. Discussing central and unitary large scale (120 gallon) with OEM, venting sizing, challenges on existing regional projects, to inform future product installation best practices. Key take aways from the charrette will be shared with OEMs at a virtual report out to inform and influence technical guide updates.
	Increase installer adoption of HPWH in retrofit installations.	Percent of regional plumbers that list HPWH on their website increases ten percent by Q3.	Percent of regional plumbers that list HPWH on their website increases five percent by Q4.	On target Collaboratively developed concepts and began documentation to release allocated market development funds to seven regional distributors to implement activities that drive replacement sales. During Q2, plans will be finalized and activities will begin. In Q1, the program completed drafts of multiple plug and play versions of HPWH web content for installers. During Q2, outreach will begin to installation companies based on the prioritized list completed in Q4 2022.
	Understand barriers to market acceptance of the proposed standard.	Complete research with installer focus groups to identify barriers to proposed standard by Q1.	Complete research with installer focus groups to identify barriers to proposed standard by Q3.	On target Three installer focus groups with a total of 16 installers were completed in Q1. We are currently recruiting to complete some additional one-on-one or small group interviews with installers in Idaho and Montana to ensure cold climate concerns are adequately captured. Key findings will be shared at the Q2 Products Coordinating Committee meeting and a final report will be posted in July. The main objectives of this research are to learn reluctant installers' perceptions of HPWHs, general understanding and reaction to code and standard changes, and how installation context may vary by regional or other factors.



Products

Initiative Name		Manager	Fuel Type	Initiative Goal	
 Water Heating Product Group	Efficient Gas Water Heating (EGWH) / Gas Heat Pump Water Heaters (GHPWH)		Gas	Accelerate product development of gas-fired heat pump water heater technology and create market conditions to accelerate market adoption to influence a federal manufacturing standard.	
	2023 Operations Plan Milestones	Target	Threshold	Status as of 5/7/2023	Comment
	Assess utility commitment to supporting a GHPWH.	NEEA NGAC (Natural Gas Advisory Committee) and North American Gas Heat Pump (GHP) Collaborative formalize commitment platform.	NEEA NGAC indicates significant support for GHPWH.	Heads up	North American GHP Collaborative "Golden Carrot" draft report indicates members are currently unable to make financial commitments commensurate with those previously identified as required to significantly affect manufacturer decision making. Developing strategy and platform to engage NGAC and assess regional support, expected Q3 2023.
	Drive GHPWH product advancement and testing.	Successful demonstration of UEF 1.0 in lab testing of current versions both absorption and adsorption technologies by Q4.	Successful demonstration of UEF 1.0 in lab testing of current version of one technology by Q4.	Heads up	Lab testing of adsorption GHPWH delayed due to technology developer staffing resource constraints. Testing expected in Q3, 2023. Technology developer of absorption GHPWH has decided to focus on commercialization of GHP furnace/combi product in the near term, NEEA staff maintaining ongoing engagement.
	Understand certainty of commercialization timelines.	Two manufacturers initiating product advancement and process development activities by Q4.	One manufacturer initiating product advancement and process development activities by Q4.	On target	Regular meetings with manufacturers and technology developers are ongoing. One-on-one sessions with two major manufacturers and one technology developer in tandem with American Council for an Energy-Efficient Economy (ACEEE) Hot Water/Air Forum. Sessions were designed to increase collaboration between tech developer and manufacturers, accelerating commercialization potential. Engaged with multiple smaller manufacturers who expressed interest in learning about GHPWH at the Air-Conditioning, Heating, & Refrigerating (AHR) Expo.




Integrated Systems

Initiative Name		Manager	Fuel Type	Initiative Goal	
HVAC Product Group	High-Performance HVAC / Very High Efficiency Dedicated Outside Air Systems (VHE DOAS)		Electric	Accelerate the adoption of high efficiency HVAC systems and components, and support commercial code advancement that requires the very high efficiency DOAS approach or equivalent efficiency by 2035.	
	2023 Operations Plan Milestones	Target	Threshold	Status as of 5/7/2023	Comment
	Educate and motivate early adopter manufacturer's reps/distributors to promote the system approach.	Six agreements in place with manufacturer's representative/distributor of compliant Energy/Heat Recovery Ventilators (E/HRVs) by Q2 2023.	Five agreements in place with manufacturer's representative/distributor of compliant E/HRVs by Q2 2023.	On target	Goal complete as of Q1 2023: All six agreements signed by end of Q1 2023 and held initial kick off meeting with all participants.
	Increase availability of qualifying E/HRVs.	At least two new capacities, two new price points, or two new manufacturers with eligible equipment.	At least one new capacity, one new price point or one new manufacturer with eligible equipment.	On target	Program team included the first lower-cost ventilation model in NEEA's compliant product list in Q1 2023 and will be coordinating with a manufacturer to vet eligibility of a new E/HRV product line to include expanded capacities in Q2/Q3 of this year.
	Provide market data and evidence to influence the advancement of local, state, and federal codes.	One revised code change proposal submitted for ASHRAE 90.1-2025 development process.	One research activity completed for ASHRAE 90.1-2025 development process.	On target	Participated in commercial International Energy Conservation Code (IECC) HVAC subcommittee meetings to collaborate with industry stakeholders on proposed DOAS definition revision for 2024 IECC. This engagement will also contribute to alignment for parallel incorporation into ASHRAE 90.1-2025.
	Raise supply chain and end-user awareness of the system approach, and its significant cost savings and non-energy benefits.	Eight featured events in collaboration with alliance partners, key industry and/or professional/trade organizations.	Six featured events in collaboration with alliance partners, key industry and/or professional/ trade organizations.	On target	In Q1, the program team partnered with Energy Trust of Oregon on a Building Simulation Forum (BESF) presentation on modeling the VHE DOAS approach that attracted over 90 HVAC designers, modelers, and industry participants. The team also leveraged BetterBricks relationships to discuss the system approach at two International Facilities Managers Association (IFMA) events to a total of 85 participants in Oregon and Washington as well as presenting at the American Council for an Energy Efficient Economy (ACEEE) to 50 energy consultants and program administrators.




Integrated Systems

Initiative Name		Manager	Fuel Type	Initiative Goal	
 HVAC Product Group	Variable Speed Heat Pumps (VSHPs)		Suzi Asmus	Electric	Develop program to lock in heat pump efficiency that is 30 percent more efficient than current standards via a series of improvements to the federal test procedure and minimum standard, driving transition from all electric heating to VSHP across all applications and optimizing performance with connected controls.
	2023 Operations Plan Milestones		Target	Threshold	Status as of 5/7/2023
	Identify highest value product features & capabilities for efficiency.	Complete product specification for at least four high value features and capabilities.	Define, estimate savings, and identify test method for at least three high value features and capabilities.	Heads up	The program team focused in Q1 on the initial improvement (low load efficiency) and preparation for the Program Advancement milestone in Q3. This refocus of resources in Q1 and early Q2 slowed down some of the work on the additional improvements, but still expecting to meet the threshold with a minimum of two of the following: cold climate efficient, minimizing auxiliary heat, and connected commissioning.
	Improve test procedure and metrics to better differentiate product performance.	Complete Ratings Representativeness project by Q4.	All field data collection completed in 2023.	On target	Rating Representativeness field data collection was completed in Q1. Currently on track to complete project by Q4.
	Increase market partner (both energy efficiency and industry) adoption of highest value features and capabilities.	Three high value features and capabilities gain manufacturer support (adopt or indicate plan to adopt).	One high value feature or capability gains manufacturer support.	On target	In Q1, NEEA staff attended the Air Conditioning, Heating and Refrigeration (AHR) Expo, the world's largest heating, ventilation, air conditioning, and refrigeration marketplace event with more than 1,800 exhibitors displaying the latest technology and an estimates 30,000 to 35,000 attendees. The team met with 15 leading heat pump manufacturers to share research-to-date on the program's identified heat pump improvements to begin building buy-in and partnerships, collect feedback on market feasibility, see the newest technologies, and learn about new improvements on the horizon. Takeaways included four companies who expressed initial support for the proposed improvements approach and four companies who expressed interest in "further discussion." The team is continuing to build on these meetings to achieve this 2023 program target.



Integrated Systems

Initiative Name		Manager	Fuel Type	Initiative Goal	
HVAC Product Group	 Efficient Rooftop Units (Efficient RTUs)	Jason Jones	Gas	Increase the efficiency of rooftop units through product differentiation and ultimately an updated federal standard by 2034 that requires at least 20% more efficient RTUs than the 2020 market average.	
	2023 Operations Plan Milestones	Target	Threshold	Status as of 5/7/2023	Comment
	Create awareness of and support for Efficient RTUs from market actors (manufacturer reps, distributors, contractors) and utilities across the US and Canada.	By Q4, three partners reference Efficient RTU specification.	By Q4, one partner references Efficient RTU specification.	On target	The program is working with market actors to increase awareness of the Efficient RTU specification and is beginning to negotiate with representatives and distributors on details of how to reference the specification to increase market adoption of efficient RTUs. NEEA has partnered with Minnesota Center for Energy and Environment (MN CEE) to align on the Efficient RTU specification for market transformation efforts in Minnesota. MN CEE is currently creating their specification and is planning to include elements of NEEA's Efficient RTU specification. NEEA is in early discussions with Nicor Gas and other utilities to collaborate on commercial HVAC measures, including Efficient RTUs, by aligning with our specification.
	Encourage manufacturers in developing and promoting Efficient RTUs for the light commercial market.	Agreement by Q2 from two manufacturers to produce and offer light commercial units.	Agreement by Q4 from one manufacturer to produce and offer light commercial units.	On target	Regular meetings with manufacturers are ongoing. Multiple manufacturers have qualified RTUs, and we are engaged to increase availability and promotion of qualified products in Q2. NEEA staff attended AHR Expo in February to meet and engage with manufacturers and other suppliers.
	Finalize specification and refine QPL; identify partner/owner of specification and QPL.	Partner identified by Q1; partner identified by Q3.	Partner identified by Q3; partner identified by Q4.	Heads up	Prescriptive Path Qualified Products List (QPL) is posted on betterbricks.com and will be revised quarterly. Consortium for Energy Efficiency (CEE) has delayed taking ownership of specification and QPL until late 2023 or 2024. NEEA will continue to own and host specification until partner is identified.
	Improve cost data, increase depth of understanding of costs of Efficient RTUs.	Q3 to acquire data.	Q4 to acquire data.	On target	NEEA staff is working with manufacturers and suppliers to acquire cost data for Efficient RTUs and energy recovery ventilation.



Integrated Systems

Initiative Name

Manager

Fuel Type

Initiative Goal



Lighting Product Group

Luminaire Level Lighting Controls (LLLC)

Anne Curran

Electric

Develop best practice specifications for luminaire level lighting controls, aiming to have the technology adopted as standard industry practice.

2023 Operations Plan Milestones

Target

Threshold

Status as of 5/7/2023 Comment

Increase promotion of LLLC through key manufacturer sales channels.

12 strategic engagements with specifiers done in collaboration with manufacturer or manufacturers' reps by Q4.

Ten strategic engagements with specifiers done in collaboration with manufacturer or manufacturers' reps by Q4.

On target

The program had a strong start to its efforts to collaborate with local manufacturer sales channels. In Q1, the team partnered with manufacturing representative agencies on six strategic engagements designed to engage and educate specifiers via lunch and learns and other meetings.

Increase visibility and demand for LLLC through strategic engagements.


LLLC program aligns with five partner organizations on LLLC focus.

LLLC program aligns with four partner organizations on LLLC focus.

On target

LLLC program team staff consulted with Minnesota's Center for Energy and Environment (MN CEE) as they developed their plans to launch a market transformation effort for LLLC. The two teams are aligned on basic market transformation approaches for LLLC, as well as product definition and key program strategies. NEEA and MN CEE will continue to collaborate on numerous topics and stay aligned on marketing and educational messaging.
IES (Illuminating Engineering Society) has commenced a committee process to add LLLC to its recommended practices for offices, which will increase visibility and credibility of LLLC as a solution among specifying engineers. A draft of proposed changes was put out for review and vote in Q1. The recommended practice is expected to be finalized late in 2023.



Initiative Name	Manager	Fuel Type	Initiative Goal	
 Luminaire Level Lighting Controls (LLLC)	Anne Curran	Electric	Develop best practice specifications for luminaire level lighting controls, aiming to have the technology adopted as standard industry practice.	
2023 Operations Plan Milestones	Target	Threshold	Status as of 5/7/2023	Comment
Influence leading specifiers who focus on key target markets to include LLLC in their ongoing business practices.	Ten lighting specifier educational offerings (resources or events) with a focus on increasing decision maker understanding of LLLC value proposition by Q4.	Seven lighting specifier educational offerings (resources or events) with a focus on increasing decision maker understanding of LLLC value proposition by Q4.	On target	Two different IES (Illuminating Engineering Society) events in Q1 provided the opportunity to reinforce with leading specifiers the benefits of recommending LLLC to their clients. Planning is underway for additional resources and events in the year that will help meet the target of this goal.



Integrated Systems

Initiative Name

Manager

Fuel Type

Initiative Goal



Building Envelope Product Group

High Performance Windows (HPWs)

Tamara Anderson

Electric

Develop program to accelerate the adoption of high performing windows that reach 0.20 U value or lower by increasing builder demand, influencing leading manufacturers to scale production and advancing the ENERGY STAR® criteria.

2023 Operations Plan Milestones

Target

Threshold

Status as of 5/7/2023

Comment

Engage with builders in a pilot to increase their use of High-Performance Windows as a standard offering in new homes.

Three builders grow their use of High-Performance Windows as standard offering in new homes in the Northwest by Q4.

Two builders grow their use of High-Performance Windows as standard offering in new homes in the Northwest by Q4.

Heads up

Two of the four builders who participated in the volume builder pilot in 2022 have committed to continue their use High-Performance Windows in future builds, as documented in the exit interviews from the project and the 2022 final report. The other two builders who participated in the volume builder pilot for 2022 will continue to consider High-Performance Windows as a path to energy efficient homes.

The program is continuing the volume builder pilot in 2023 with three different builders and have confidence that at least one more builder will continue their use of High-Performance Windows when building new homes in the Northwest.

Engage with manufacturers to co-create strategies for scaling future supply of High-Performance Windows to meet growing demand.

Two leading manufacturers supplying the Northwest develop roadmap to scale production of High-Performance Windows by Q2.

Two leading manufacturers supplying the Northwest develop roadmap to scale production of HPW by Q4.

On target

Seven large window companies dominate sales in the Northwest and are also active in California and Canada. Currently, hybrid triple pane windows are available and scalable to meet demand from Andersen, Marvin, Milgard, Pella, PlyGem, and Prime (the latter two are brands owned by Cornerstone Building Brands). A national manufacturer with regional manufacturing capacity is nearing commercial launch of its thin triple window (it does not make a hybrid triple at this time).



Initiative Name		Manager	Fuel Type	Initiative Goal	
Building Envelope	High Performance Windows	Tamara Anderson	Electric	Develop program to accelerate the adoption of high performing windows that reach 0.20 U value or lower by increasing builder demand, influencing leading manufacturers to scale production and advancing the ENERGY STAR® criteria.	
	2023 Operations Plan Milestones	Target	Threshold	Status as of 5/7/2023	Comment
	Finalize key intervention strategies and transition to Market Development.	Program Advancement presented to RPAC and NGAC by Q4.	Program Advancement presented to RPAC and NGAC by Q2 2024.	Heads up	The program will require more time in program development than originally anticipated to assess the program benefit-cost ratio, refine program logic, target markets, and intervention strategies. Currently, the program team is tracking to the threshold for this goal.



New Construction

Initiative Name		Manager	Fuel Type	Initiative Goal	
New Construction Product	Manufactured Homes (MH)	Mark Rehley	Electric	Leverage the Northwest Energy-Efficient Manufactured Housing Program (NEEM) infrastructure to ensure a voluntary above-code manufacturing specification exists after the upcoming HUD code change, allowing for future energy savings to be captured by the region.	
	2023 Operations Plan Milestones	Target	Threshold	Status as of 5/7/2023	Comment
	Complete final research projects to prepare the program for LTMT.	Complete final studies by Q4.	Complete final studies by Q2 2024.	On target	Market Progress Evaluation Report project started in Q2.
	Provide technical support to manufacturers in preparation of new ENERGY STAR specification.	Four manufacturers demonstrate ENERGY STAR level by building one home by Q4.	Two manufacturers demonstrate ENERGY STAR level by Q4	On target	One corporate owner who owns two factories is working with Northwest Energy Works to test a heat pump ready home with field installed outdoor unit and verification.



Infrastructure

Initiative Name	Manager	Fuel Type	Initiative Goal
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Infrastructure Programs

BetterBricks	Josh Pelham	Electric	To support the alliance's commercial and industrial programs by fostering market relationships and providing tools and resources to help raise market awareness and capability for energy-efficient products, services and practices.	
2023 Operations Plan Milestones	Target	Threshold	Status as of 5/7/2023	Comment
Create new market engagement opportunities and develop deeper market understanding to support current and future market transformation efforts.	Identify and partner with three influential market leaders to engage and educate commercial building market.	Identify and partner with two influential market leaders to engage and educate commercial building market.	On target	In Q1, BetterBricks returned to the Powerful Facility Energy Conference. The team is also working with the LLLC program to support their engagement with Building Owners and Managers Association (BOMA) Idaho, currently scheduled for May. For additional, potentially new partnerships, BetterBricks is exploring engagements with Lloyd Eco District and the Institute of Real Estate Management (IREM). These will be done with support from local utilities, as appropriate.
Increase awareness, access, relevance, and utilization of BetterBricks resources to move the market toward higher performing buildings.	Partner with program teams and/or market leaders to develop seven new resources specific to whole building efficiency or integrated design.	Partner with program teams and/or market leaders to develop five new resources specific to whole building efficiency or integrated design.	On target	High Performance HVAC, LLLC and BetterBricks all contributed resources and content to betterbricks.com in Q1. High Performance HVAC developed and posted two white papers, including an energy modeling guide and a VHE DOAS design guide, while BetterBricks updated and repackaged outdated resources to create a new Building Renewal Series of educational articles. LLLC also released a list of utility incentives available in the Northwest.



Infrastructure

Initiative Name		Manager	Fuel Type	Initiative Goal
Infrastructure Programs	Commercial and Industrial Strategic Energy Management (SEM)		Suzi Asmus	Electric
			Sustained adoption of SEM is valued, desired, and implemented by a majority of Northwest business owners.	
	2023 Operations Plan Milestones	Target	Threshold	Status as of 5/7/2023
	Comment			
	Add high-value SEM tools and resources to the SEMHub.	Improve functionality of Energy Management Assessment (EMA) tool with improved reporting capabilities and add eight new resources posted to SEMHub.com.	Improve functionality of EMA tool with improved reporting capabilities and add six new resources posted to SEMHub.com.	On target
	In Q1, six new resources were posted to SEMHub. These resources include three developed by a Northwest SEM Collaborative working group to help energy coaches and engage with customers. There are also resources developed in California on SEM program design and M&V, which were heavily influenced by BPA and Energy Trust SEM program design. Additionally, in Q1, the program team met with Energy Trust and their coaches to co-develop a list of EMA tool reporting improvements. During Q2, the tool developer will be implementing these improvements.			
	Advance plan to transition the collaborative and other SEM assets to regional and National Stakeholders by 2025.	Transition plan defined for all SEM assets. With partners identified.	Transition plan defined for all SEM assets.	On target
	During Q1, the SEM Funder Work Group provided feedback on transition options for regional SEM assets. Outreach to potential future partners has yielded two interested parties and initial meetings between NEEA and these partners were positive and discussions are ongoing.			
	SEM practitioners actively collaborate with one another on shared challenges via Alliance-sponsored structure.	A minimum of two funder meetings to align on Learning Management System refresh modules and additional platform improvements. Four active working groups who each deliver a new regional resource. 80 or more attendees at the Fall Workshop.	A minimum of two funder meetings to align on Learning Management System refresh modules and additional platform improvements. Three active working groups who each deliver a new regional resource. At least 60 attendees at the Fall Workshop.	On target
	The SEM Funder Work Group met in January and aligned on 2023 investments and asset and platform improvements. Five NW SEM Collaborative working groups formed for 2023. Four of these groups began meeting during the first quarter and have identified workplans and work products for 2023, creating original content and resources specific to regionally-identified goals.			