

# HOW WE DO IT: Energy Efficiency in Our Wood Products Business



Weyerhaeuser is one of the largest wood products manufacturers in North America, with 35 manufacturing and 19 distribution facilities spread across Canada and the United States that produce everything from dimensional lumber to panels and engineered wood products. Given the scale of our footprint, we understand the importance of carefully managing our energy usage and ensuring that we continually make efficiency improvements at every stage of production. That commitment includes our efforts to significantly cut our greenhouse gas emissions across our supply chain, and to pursue renewable energy sources whenever economically feasible. We view advancing





## FREQUENTLY ASKED QUESTIONS

### How do you track energy use at your operations?

We have contracted a reputable third-party vendor to review, inspect for quality control, and convert the electricity and natural gas bills and consumption volumes from our sites into data for internal use. This process enables us to review high-level energy use trends, set appropriate benchmarks and goals, and identify location-specific energy-saving opportunities.

### How do you track and report on the emissions from your operations?

We report our yearly carbon emissions, removals, storage and future goals for reducing emissions in our *Carbon Record*.<sup>5</sup> We use the Greenhouse Gas Accounting and Reporting Standard, co-published by the World Resources Institute and World Business Council for Sustainable Development, to calculate our annual greenhouse gas emission inventory. We account for and report greenhouse gas emissions<sup>3</sup> direct (Scope 1), emissions from purchased energy (Scope 2) and value chain emissions (Scope 3)<sup>3</sup> according to the equity-share approach. The complete methodology is available on our website.<sup>6</sup>

### How do you set best practices for reductions in energy use?

In addition to setting internal benchmarks and sharing knowledge through our CuttingEdge innovation platform, we proactively engaged an external energy advisor to evaluate our company energy strategy. We also draw on resources and established best practices from the U.S. Department of Energy, refer to publications and studies produced by the National Council for Air and Stream Improvement,<sup>7</sup> and review technology improvements piloted or implemented by others in our industry.

### Do you use renewable energy in your operations?

We meet more than 70 percent of the energy needs in our manufacturing facilities from renewable biomass, using what would be wood waste from sustainably managed forests and mill residuals to create our own energy. This approach allows us to reduce our reliance on nonrenewable fossil fuels and purchased electricity, and we are looking for additional opportunities to utilize renewable energy at our facilities.