

TC Energy is the first company capable of offering a 24x7 Carbon-Free Power Solution in Alberta.

Complete Solutions

TC Energy is launching a first-of-its-kind 24x7 Carbon-Free power product in the province of Alberta. This product positions customers to manage hourly power needs with cost certainty AND achieve decarbonization goals by sourcing power from emissions-free assets.

No other company has combined wind, solar and long-duration pumped hydro assets to eliminate renewable generation variability. Unlike “as-generated” renewable power purchase agreements, TC Energy’s product offers energy price certainty and emissions-free power around-the-clock.

Customer Needs

For corporate and institutional buyers, securing affordable, reliable, carbon-free energy is an important challenge. Over the past decade, corporate power purchase agreements have proliferated across North America as companies reacted to society’s calls to decarbonize.

While these agreements serve to reduce net emissions (total power consumed meets an equal amount of power generated,) TC Energy’s 24/7 Carbon Free Power serves to further manage energy costs. In fact, sourcing renewables on an around the clock basis can help simplify energy management.

TC Energy’s 24/7 Carbon-Free Power simplifies renewable power purchases. Corporate and institutional power buyers can access a first-of-its-kind product to manage emissions and energy considerations with known costs.



TC Energy will help our customers successfully navigate the energy transition.

Core Infrastructure

TC Energy is a North American power and energy leader. We are applying that knowledge and strong balance sheet to assemble a portfolio of owned and contracted renewable power and storage assets to offer an emissions-free, firm product to serve customers. This asset portfolio includes 300 MW of wind, 81 MW of solar and 75 MW of pumped hydro storage complemented by our trading and risk management capabilities that can address the challenges of intermittent renewable resources for our customers. TC Energy's renewable resources, and this 24X7 solution, will be available in 2025 when brand-new renewable power and storage assets come online.

Customer Choices

As our customer we can offer you two options.

If you need help managing and reducing emissions, TC Energy will help you determine the number of carbon offsets needed and provide you the renewable power to achieve those goals.

If you need help managing energy, TC Energy will structure budget-certain energy charges that come with access to all offsets from our renewable power generation sources.

Regardless of your goal and choice, 24/7 Carbon Free-Power from TC Energy provides you a fixed price for a fixed volume of power and all the environmental attributes that go with it.

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