



Canadian Renewable
Energy Association

WIND. SOLAR. STORAGE.

Association canadienne
de l'énergie renouvelable

ÉOLIEN. SOLAIRE. STOCKAGE.

Grow Your Business with CanREA

Capitalize on Canada's \$50 Billion
Wind, Solar, and Storage Opportunity

About CanREA

- CanREA is a national trade association and the voice for wind energy, solar energy and energy storage solutions that will power Canada's energy future.
- CanREA consists of a growing network of 350+ companies active in the solar, wind, and storage markets - striving to build business relationships and capitalize on Canada's enormous \$50 Billion market opportunity.

Asset Owners

Manufacturers

**Equipment
Suppliers**

**Service
Providers**

Developers

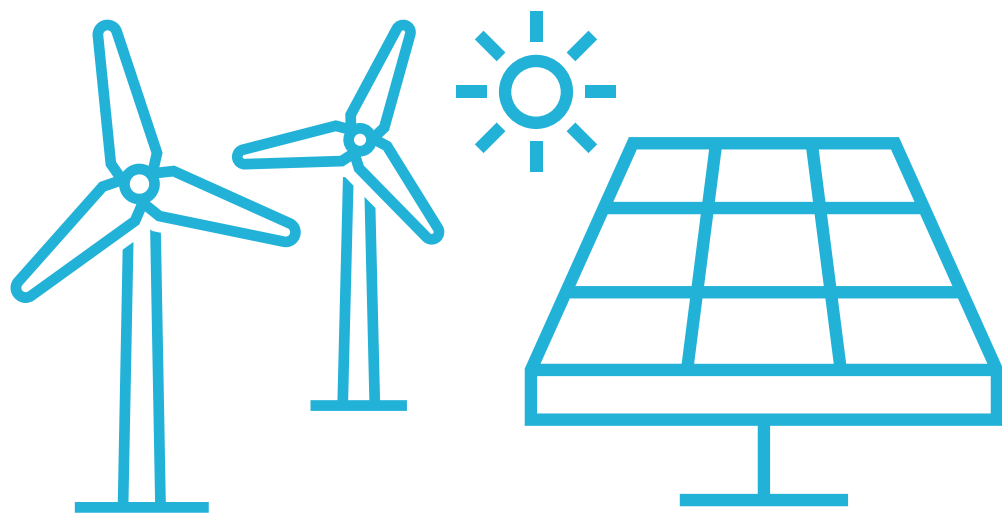
Construction

Operations

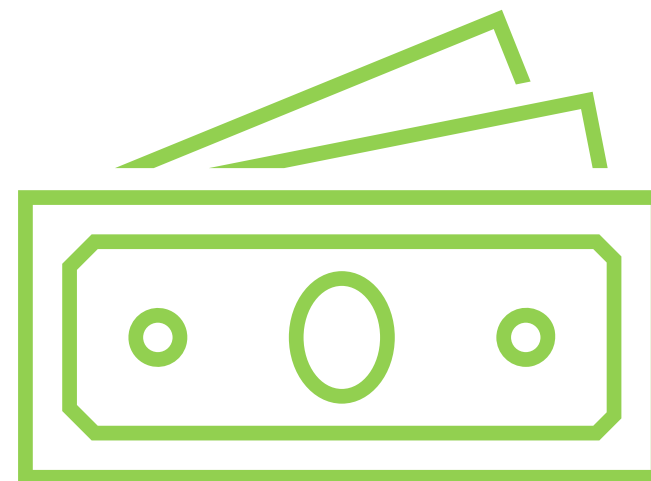
Installers

30 GW of New Wind and Solar by 2030 = \$50B Opportunity

CanREA is working to secure **over 30 GW of NEW wind and solar energy** by 2030 to meet Canada's net-zero targets.



This represents a **\$50 Billion investment opportunity** by 2030.



Canada's Commitment to a Clean Energy Transition



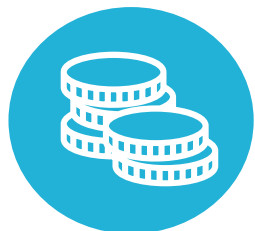
Investment Tax Credits for clean energy technologies.



Net-Zero Grid by 2035 via a federal Clean Electricity Regulation.



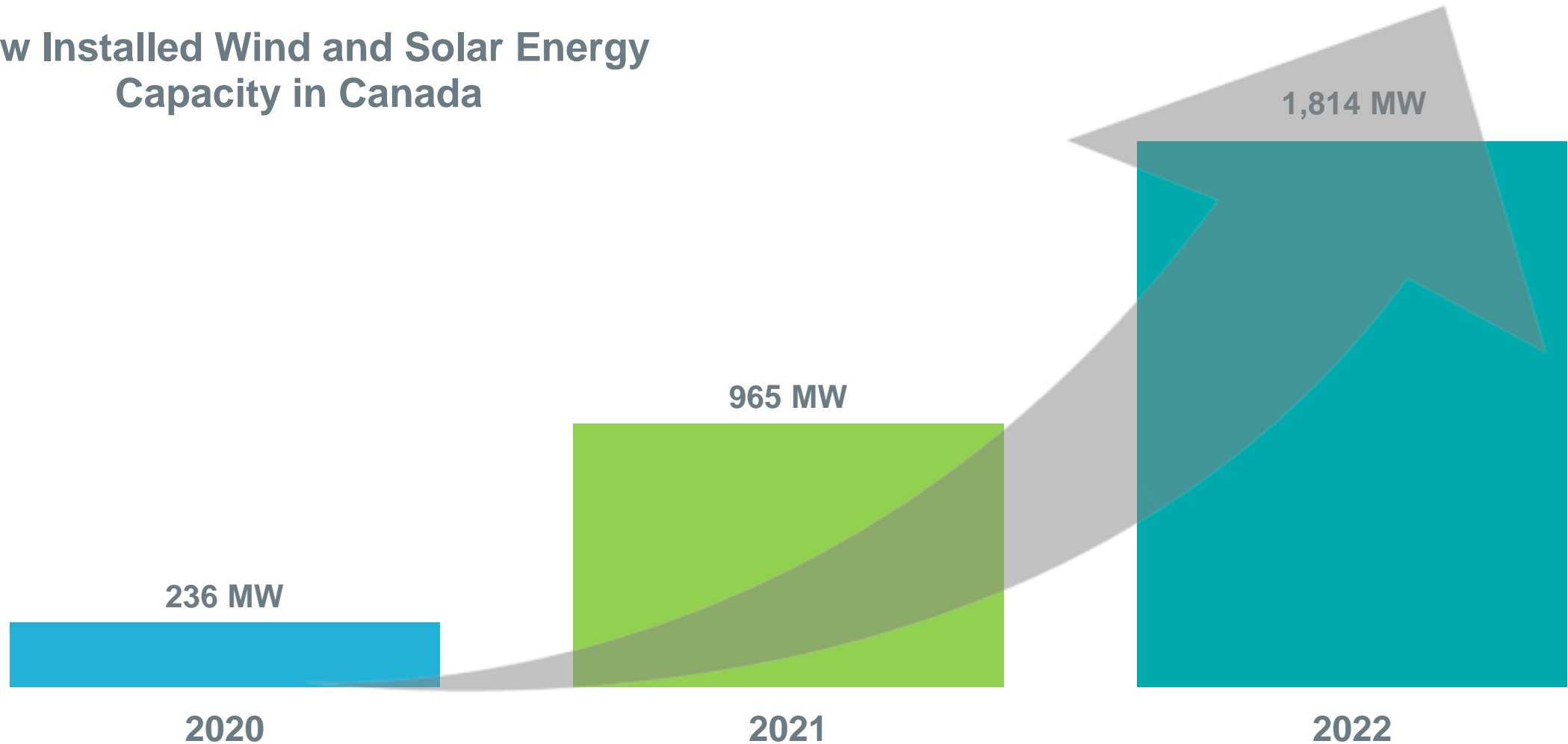
Net-Zero Economy by 2050 federally legislated commitment.



Carbon Price of \$65 t/CO₂e to increase to \$170 t/CO₂e in 2030.

Momentum is Building

New Installed Wind and Solar Energy Capacity in Canada



Federal Policy and Advocacy



Policy Drivers

Investment Tax Credits (ITC) and other commitments (including carbon price, 2035 Net-Zero Grid, and 2050 Net-Zero Economy) will accelerate market growth across Canada. ITCs announced and under development include:

- Clean Technology ITC: 20% to 30% refundable tax credit for investments in solar, wind, and energy storage.
- Clean Electricity ITC: 10% to 15% refundable tax credit available for tax-exempt entities (including Indigenous organizations, municipalities, and public utilities) for investments in solar, wind, and energy storage.
- Clean Hydrogen ITC: Up to 40% refundable tax credit for green hydrogen.



CanREA Plan

- Clarify and accelerate the adoption of ITC legislation and related policy (e.g., allocation of benefits among partners, labour market provisions and interaction with other government programs).
- Supporting and strengthening upcoming Clean Electricity Regulation (CER), to support net-zero grid by 2035.
- Support the development of SREPs, Greener Homes Program, Canadian Infrastructure Bank, and other funding opportunities

British Columbia Market



Market Opportunity

Federal Government (Navius/NRCan) modelling indicates that British Columbia requires between 5-8 GW of renewable energy by 2030 to reach net-zero targets.

BC Hydro stated (June 2023) that they need 3,000 GWh/year starting in 2028 (about 800 to 900 MW of installed wind capacity) and will launch a new procurement in 2024.



CanREA Plan

Member interest in the British Columbia renewable energy market is growing. If member support is sufficient, CanREA may engage in the IRP regulatory review consultation and work collaboratively with Clean Energy BC to optimize the procurement.

Alberta Market



Market Opportunity

Alberta remains Canada's strongest wind and solar energy market (1,350+ MW in 2022).

The AESO forecasts about 5,000 MW of solar and 4,000 MW of wind to be built out by around 2030.

Based on Federal Government (Navius/NRCan) modelling, Alberta will require 10-15 GW of new solar and wind energy by 2030 to meet net-zero targets.



CanREA Plan

Working with the Alberta Member Network, CanREA will develop a strategic plan to influence positive outcomes for consistent, equitable market access and investment certainty, to enable project development (E.g., Government Relations, Transmission Access Regulations, etc.).

Saskatchewan Market



Market Opportunity

Federal Government (Navius/NRCan) modelling indicates that Saskatchewan requires about 4 GW of wind and solar energy by 2030 to reach net-zero targets.

SaskPower has committed to 2 GW of NEW wind and solar energy procurements by 2030 and another 1 GW by 2035 (3 GW total by 2035).

SaskPower has launched a 600 MW wind and solar energy RFQ (RFP in 2024).

SaskPower is developing a Corporate PPA pilot to launch in 2024 (RAS).



CanREA Plan

Working through CanREA's Saskatchewan Members Network, we plan to advocate for secure, transparent and stable procurement schedules and to collaborate with SaskPower for an effective and transparent Corporate PPA framework.

Ontario Market



Market Opportunity

The IESO forecasts that 70 GW of new non-emitting generation capacity will be required by 2050 to meet Ontario's energy needs. In the shorter term, based on Federal Government (Navius/NRCan) modelling, Ontario will require 10-18 GW of new solar and wind capacity by 2030.

The IESO is proceeding with a 4,000 MW competitive procurement (Expedited LT RFP) by 2027, of which 2,500 is expected to be Energy Storage. As of May 2023, 739 MW of Energy Storage has been announced.

The IESO will be procuring energy from sources including wind and solar in 2025/2026.



CanREA Plan

By working through the Ontario Member Network and by promoting our technologies as the most affordable and quickest-to-deploy solutions to meet Ontario's rapidly emerging supply needs, CanREA will influence predictable procurement pathways for NEW and EXISTING wind, solar and storage assets through 2030 (specifically includes clarity on MWs, timing and processes for re-contracting, repowering and new acquisitions).

Quebec Market



Market Opportunity

Hydro Quebec's strategic plan outlines the need for 100+ TWh of additional renewable electricity for Quebec to reach net-zero targets by 2050.

Federal Government (Navius/NRCan) modelling, indicates that Quebec will require 6 GW of wind energy capacity by 2030 to reach net-zero targets.

In March 2023, Hydro Quebec announced the selection of 6 projects (1,150 MW of wind energy).

Additional competitive procurements for wind energy capacity are expected.



CanREA Plan

Intervene at the Régie de l'énergie to optimize the current 1,500 MW procurement and create stable procurement processes to double Québec's wind capacity by 2030.

Participate in provincial consultations and regulatory hearings and advocate for a framework that enables "tailor-made" Corporate PPAs in Quebec.

Nova Scotia Market



Market Opportunity

Federal Government (Navius/NRCan) modelling indicates that Atlantic Canada requires 2-3 GW of wind and solar by 2030 to reach net-zero targets.

NS committed to 600+ MW renewable energy procurement to support 80% renewables 2030 target.

350 MW Green Choice Program (GCP) to launch in 2023.

Energy storage RFP expected in 2023-2024.

Hydrogen action plan to be released in 2023. Expected to leverage the Canada-Germany Hydrogen Alliance, which aims to export green hydrogen from renewable energy sources to Germany starting in 2025.

5 GW Off-Shore Wind target by 2030 (export focused). Bids in 2025. Off-Shore Wind Resources Assessment underway.



CanREA Plan

Working with the Nova Scotia Member Network, CanREA will work to optimize the GCP procurement and collaborate with the government and local stakeholders to support future renewable energy procurement and the development of competitive Green Hydrogen and Off-Shore Wind market opportunities.

Newfoundland and Labrador Market



Market Opportunity

Federal Government (Navius/NRCan) modelling indicates that Atlantic Canada requires 2-3 GW of renewable energy by 2030 to reach net-zero targets.

Crown Land call for bids for Wind energy closed on March 2023. The NFLD government is expected to release 1.66 million hectares of land for potential wind energy projects.

Green Hydrogen strategy under development. Expected to leverage the Canada-Germany Hydrogen Alliance, which aims to export green hydrogen from renewable energy sources to Germany starting in 2025.

Off-Shore Wind Resource Assessment now underway



CanREA Plan

Member interest in the NFLD wind energy and green hydrogen market is growing. If member support is sufficient, CanREA may engage more proactively to optimize procurements and collaborate with the government and local stakeholders to support the development of competitive On-Shore, Off-Shore and Green Hydrogen market opportunities.

Invest in CanREA and Grow Your Business

Invest in CanREA to fund an enhanced, coordinated effort to secure 30 GW of new wind energy and solar energy by 2030 and unlock a \$50 Billion opportunity.



Business Development

Build business relationships and expand your market reach by connecting with CanREA's growing network of 350+ companies.



Market Intelligence and Industry Trends

Plan and grow your business strategically with up-to-date data, information and market forecasts.



Policy and Advocacy

Participate in member networks where you can lead and shape favourable policy, regulatory, and market changes to create new market opportunities.



Influence and Governance

Influence the industry and CanREA's strategic direction as a non-voting participant of the Board and engaging in Strategic Planning Sessions.



Affinity Programs

Expand market opportunities for your products and services by directly accessing CanREA's member network of 350+ companies and their 10,000+ employees.

Access CanREA's Member Networks



Help shape policy, gain market intelligence and connect with industry leaders.



Federal Network



Alberta Network



Saskatchewan Network



Ontario Network



Operations Network



Quebec Network



Nova Scotia Network

Conferences, Trade Shows, and Networking Events



Electricity Transformation Canada (ETC)

Calgary, Alberta
(October 24-26, 2023)



Enhance your company brand and profile with a Member Sponsorship Credit!



Golf Tournaments
Calgary (July 19, 2023) &
Toronto (May 2024)



Business Development & Networking Events

Calgary, Toronto, Halifax,
Montreal, Regina
(Spring and Fall Series)



Operations Summit
Calgary, Alberta
(April 10 – 11, 2023)

Industry Leader Members



Terawatt Members



Membership Categories

Category	Annual Investment
Industry Leader	\$79,500
Terawatt	\$49,500
Gigawatt	\$17,500
Megawatt	\$5,900
Kilowatt	\$3,900
Installer	\$1,700

Why Join as an Industry Leader?



Recognition as a leader in the renewable energy and energy storage industries.



Participate in CanREA Board Meetings and influence CanREA's strategic direction.



Access CanREA Management + quarterly calls with CanREA's President & CEO.



UNLIMITED access to the Federal Network and ALL Regional Networks.



Access to all CanREA's premium benefits.

Why Join as a Terawatt Member?



UNLIMITED access to ALL Regional and Federal Networks and Committees.



Influence CanREA's strategic direction and Regional Network objectives.



Access CanREA Management + bi-annual calls with CanREA's President & CEO.



Focus on Federal/National matters and interest in several Canadian markets.

Developers/Asset Owners - Focused on gaining market knowledge, shaping policy and creating market opportunities.

Why Join as a Gigawatt Member?



Gain access to two (2) Regional Networks and Committees (Limit 2 people each).



Priority access to policy staff + annual call w CanREA's President & CEO.



Regional focus with interest in up to two provincial markets.

Developers/Asset Owners - Focused on gaining market knowledge, shaping policy and creating market opportunities.

Service Providers/Construction - Focused on gaining market knowledge, expressing thought leadership, and connecting with industry-leading developers and asset owners.

Why Join as a Megawatt Member?



Gain access to CanREA's National Operations Network and Committees.



Stay informed about rapidly changing industry news and market trends.



Build business relationships and network with CanREA's 350+ members.



For companies with revenues greater than \$1 Million annually.

Developers/Asset Owners - Focused on gaining and sharing knowledge and optimizing existing operating assets.

Service Providers/Construction - Focused on sharing service expertise and connecting with industry-leading owners and operators.

Why Join as a Kilowatt Member?



Stay informed about rapidly changing industry news and market trends.



Save money with discounts on events and affinity program products and services.



Build business relationships and network with CanREA's 350+ members.



Support CanREA's work to grow market opportunities across Canada.



For companies with revenues less than \$1 Million annually.

Membership Benefits & Fees Chart

Canadian Renewable Energy Association (CanREA) Member Benefits	Installer*	Kilowatt	Megawatt	Gigawatt	Terawatt	Industry Leader
	\$1,700	\$3,900	\$5,900	\$17,500	\$49,500	\$79,500
		<\$1M in revenue	>\$1M in revenue			
Policy & Advocacy						
Eligible to run for Regional Network Steering Committee Elections					x	x
Invitation to Participate in the Operations Network Executives' Meetings					x	x
Eligible to run for one 'at large seat' on Regional Network Steering Committee Election				x	x	x
Participate in Multi-Technology Regional Networks & Committees (AB, ON, QC, SK, NS)				2 Networks^	5 Networks	5 Networks
Participate in Multi-Technology Federal Network & Committees				\$10,000^	x	x
Priority access to CanREA's Network Directors and staff expertise				x	x	x
Participate in the National Operations Network and Committees			x	x	x	x
Participate in the BTM Solar & Storage Initiative	x	x	x	x	x	x
Business Development & Networking						
First/second right option for sponsorship opportunities					2nd	1st
Company logo featured on CanREA's website homepage (hyperlinked)					2nd	1st
Use of CanREA's Industry Leader or Terawatt logo					x	x
Industry webinar speaking opportunity				x	x	x
Advertising discounts in CanREA newsletters, industry directory, Go Solar Guide, etc.			x	x	x	x
Sponsorship/Advertising Credit (CanREA ONLY Events, excluding ETC)		\$250	\$500	\$1,000	\$4,000	\$7,000
Opportunity to attend CanREA Connects networking events	x	x	x	x	x	x
Company listing in CanREA member directory	x	x	x	x	x	x
Use of CanREA Proud Member Logo	x	x	x	x	x	x
Access and invitation to distribute CanREA's Go Solar Guide (PDF)	x	x	x	x	x	x
Opportunity to be listed in CanREA's Go Solar Guide (PDF)**	x	x	x	x	x	x
Market Intelligence & Industry Trends						
Industry news, updates and newsletters	x	x	x	x	x	x
Webinars offering expert information and industry insights	x	x	x	x	x	x
Access to members-only website (featuring industry stats, business opportunities, policy submissions, and more)	x	x	x	x	x	x
CanREA <i>Watt's On</i> newsletter highlighting events, benefits and activities	x	x	x	x	x	x
Discounts on applicable industry and market intelligence reports	x	x	x	x	x	x
Influence & Governance						
Non-voting participant in the Board of Directors' meetings						x
Invitation to Board of Directors' networking dinners						x
Priority opportunity to participate in industry development consultation with Government officials					x	x
Invitation to CanREA's Annual Policy & Priorities Summit					x	x
Direct access to CanREA President & CEO via regular calls throughout the year				x1	x2	x4
Voting in Board Elections, AGM, and other member meetings	x1	x1	x1	x1	x2	x3
Cost-Saving & Affinity Programs						
Discounts to attend CanREA events	x	x	x	x	x	x
Discounts on exhibiting at CanREA events	x	x	x	x	x	x
Discounts on job postings on the CanREA workforce development website and social media	x	x	x	x	x	x
Access to various CanREA cost-saving programs	x	x	x	x	x	x

NOTES:

* Installer Category ONLY for residential and small commercial *solar and storage* installers.
 ^ Gigawatt members who wish to participate in more than 2 Networks can pay \$10,000 for each additional Network, including the Federal Network. Maximum 2 participants per each eligible Network.
 **For residential and small commercial solar & storage installers
 CanREA's Annual Policy & Priorities Summit (i.e., Board strategic planning meeting and dinner with high-profile speakers)

Let's Talk!

The time to act is NOW. Book a meeting with CanREA today to learn how membership can help your company shape energy policy, gain market intelligence, network with industry leaders, and grow your business. Visit the [CanREA website](#) for more information.



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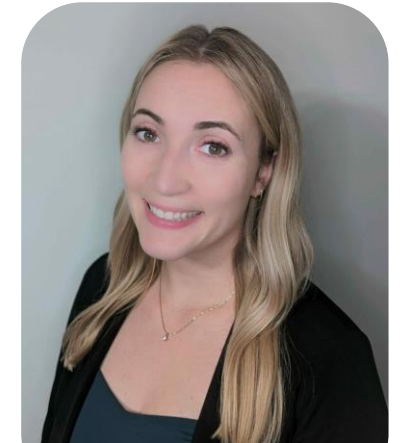
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