1199 Service Employees International Union, Upstate Division · 350NYC · Action Center on Race and the Economy · Alliance for a Green Economy · Billsboro Winery · Catskill Mountainkeeper · Cattaraugus-Chautauqua for Clean Water · Center for Urban Environmental Reform · Clean Air Coalition of WNY · Climate Reality Finger Lakes Greater Region NY Chapter · Climate Reality New York State Coalition · Climate Reality Project · Coastal Research and Education Society of Long Island · Color Fairport Green · Committee to Preserve the Finger Lakes · Council on Intelligent Energy & Conservation Policy · CUNY School of Law - Environmental Justice Coalition · Denizens for the Biosphere · Dryden Resource Awareness Coalition · Earthjustice · Earthkeeper Health Resources · Elmirans and Friends Against Fracking · Environmental Advocates NY · Food & Water Watch · Foodscraps360 · Fossil Free Tompkins · Gas Free Seneca · Grassroots Environmental Education · Green Education and Legal Fund · Indian Point Safe Energy Coalition · Little Lakes Sustainability Network · Mothers Out Front Dutchess County · Mothers Out Front Tompkins · Nassau Hiking & Outdoor Club · Natural Resources Defense Council · New York City Environmental Justice Alliance · New York Communities for Change · New York League of Conservation Voters · New York Progressive Action Network · NY Water Action · NY Water Project · NYCD16 Indivisible · NYPIRG · Occupy Bergen County · PAUSE (People of Albany United for Safe Energy) · People for a Healthy Environment · Protecting Our Waters · Public Utility Law Project · Residents Allied for the Future of Tioga (RAFT) · Riverkeeper · Sane Energy Project · Seneca Lake Guardian · Sierra Club Atlantic Chapter · Sierra Club Long Island Group · South Shore Audubon Society · St. Alban's Episcopal Church · StopCricketValley.org · Strong Economy for All Coalition · Susquehanna Group of Sierra Club · Syracuse Peace Council · The Climate Reality Project: Capital Region, NY Chapter · The Diocese Of Central New York · The Ginger Cat Bed & Breakfast · The Solidarity Committee of the Capital District · Tompkins County Climate Protection Initiative · Ulster Activists · United For Clean Energy · Veterans for Climate Justice · WESPAC Foundation, Inc.

April 27, 2022

The Honorable Andrea Stewart-Cousins Senate Majority Leader 188 State Street Legislative Office Building, Room 907 Albany, NY 12247 The Honorable Carl Heastie Assembly Speaker 188 State Street Legislative Office Building, Room 932 Albany, NY 12248

Re: Call for the passage of A.7389-C/S.6486-D to institute a two-year moratorium on new fossil fuel permits for proof-of-work cryptocurrency mining and to direct an environmental review

Dear Majority Leader Stewart-Cousins and Speaker Carl Heastie:

We, the undersigned organizations, businesses, labor, and faith groups, write today to urge you to swiftly pass A.7389-C (Kelles)/S.6486-D (Parker) to place a two-year moratorium on the issuance of new air permits and air permit renewals for electric generating facilities that use fossil-fuels that provides in whole, or in part, energy used for Proof-of-Work cryptocurrency mining, and to direct the Department of Environmental Conservation (DEC) to conduct an environmental review.

These "mining" activities, particularly Proof-of-Work (PoW) *cryptocurrency mining* use enormous amounts of energy to power the mega computers needed to validate transactions on their network. For New York to meet its climate goals, it will be critical for energy consumption to decrease and for fossil fuels to be phased out – this legislation is necessary to help achieve these steps.

## Should this activity expand in New York, it could drastically undermine New York's climate goals established under the Climate Leadership and Community Protection Act.

This legislation takes a very measured approach to this emerging concern by placing a two-year moratorium on permits for fossil fuel-based proof-of-work cryptocurrency mining and instructing DEC to conduct an environmental review of cryptocurrency mining. This legislation would not impact current operations, or operations that utilize renewable energy sources. Additionally, the legislation does not prevent anyone from purchasing or using cryptocurrencies.

Digital currencies require authentication to prevent fraudulent transactions. PoW is the method that has the most significant energy demands. In PoW authentication, complex mathematical equations are assigned to each transaction and miners compete to solve them. The first one to solve an equation authenticates the transaction and wins currency for their effort. The equations can only be solved by brute force guesswork, so the person or company with the most computational power wins the most currency. With some currencies valued at over \$40,000 a coin, albeit in a highly speculative market, a global

digital gold rush is taking place with millions of mega "computers," known as ASIC's (Application Specific Integrated Circuits), competing for an edge in the market.

In New York, crypto mining operations using warehouses full of computers have set up shop in upstate areas siphoning electricity from New York's grid, "re-powering" defunct fossil-fueled power plants, thus seriously jeopardizing the state's progress on and meeting mandates for reducing greenhouse gas (GHG) emissions.

Environmental concerns regarding proof-of-work mining can be summarized as the following:

- The energy use from proof-of-work mining is out of this world. If Bitcoin were a country, it would rank in the top 30 countries of energy users worldwide—between Norway and Argentina. The Bitcoin network uses about the same amount of electricity as Washington State does yearly.
- Proof-of-work mining stands to jeopardize meeting global and New York State climate goals. New York State has goals under the Climate Leadership and Community Protection Act to reduce greenhouse gas emissions 80% below 1990 levels by 2050, achieve 70% renewable energy for electricity by 2030. New York doesn't currently have enough renewable energy to power existing needs, let alone an industry this energy consumptive. The energy consumption from proof-of-work mining operations would prevent the state from meeting these important goals.
- **Proof-of-work mining at power plants could jeopardize water quality.** These facilities require large quantities of water to generate energy, and the water returned to water bodies or wastewater treatment facilities is significantly hotter than the water withdrawn. Fluctuations in water temperatures can negatively impact the chemistry of water bodies and the ability of certain aquatic species to survive, as well as wastewater infrastructure.
- **Proof-of-work mining generates enormous levels of electronic waste.** The ASIC miners used at most mining operations have a lifespan of between 18 to 24 months. According to one estimate, cryptocurrency mining produces 30,700 tons of e-waste *annually*. This waste impacts low-income communities disproportionately. 4

Additionally, there are very few jobs created by crypto mining, with profits accruing to the few, but the environmental impacts affect us all, particularly low-income communities that are often located near fossil fuel power plants and have been disproportionately affected by ongoing and legacy contamination. Additionally, BIPOC and low-income communities are often near polluting peaker plants – these polluting facilities could be kept online longer if crypto mining continues to ramp up statewide energy demands.

Most of the energy generated at these power plants will not go into the electrical grid. Instead, it is being used by private technology companies where the financial rewards remain with the companies themselves and their investors, while the environmental impacts are externalized, impacting our community, our state, and our ever-warming world.

There are other forms of validation for cryptocurrencies that can be, and are, used, such as the proof-of-stake mining methodology, which utilizes over 99% less energy than proof-of-work mining. Other less energy-consumptive methods include proof-of-authority, open representative voting, federated consensus, proof-of-activity, and proof-of-burn.

Passing A.7389-C/S.6486-D to pause proof-of-work cryptocurrency mining that utilizes fossil fuels is critical to ensure New York doesn't undercut its landmark climate law and protects communities. We urge swift passage of this legislation this session.

Thank you for your time and consideration of our comments.

<sup>&</sup>lt;sup>1</sup> See, e.g., N.Y. Times, Bitcoin Uses More Electricity Than Many Countries. How Is That Possible? (Sept. 3, 2021) https://www.nytimes.com/interactive/2021/09/03/climate/bitcoin-carbon-footprint-electricity.html; Cambridge Centre for Alternative Finance, Cambridge Bitcoin Electricity Consumption Index, https://cbeci.org/cbeci/comparisons.

<sup>&</sup>lt;sup>3</sup> BBC News, Bitcoin mining producing tonnes of waste (Sept. 20, 2021), https://www.bbc.com/news/technology-58572385; see also Howson & De Vries, Preying on the poor? Opportunities and challenges for tackling the social and environmental threats of cryptocurrencies for vulnerable and low-income communities, Energy Research & Social Science, Vol.84 (Feb. 2022), https://www.sciencedirect.com/science/article/abs/pii/S2214629621004813?via%3Dihub.

<sup>&</sup>lt;sup>4</sup> Howson, P., & de Vries, A. (2022). Preying on the poor? Opportunities and challenges for tackling the social and environmental threats of cryptocurrencies for vulnerable and low-income communities. *Energy Research & Social Science*, 84, 102394. <a href="https://doi.org/10.1016/j.erss.2021.10239">https://doi.org/10.1016/j.erss.2021.10239</a>

<sup>&</sup>lt;sup>5</sup> U.S. House of Representatives, Committee on Energy & Commerce Staff, Memorandum, Hearing on "Cleaning Up Cryptocurrency: The Energy Impacts of Blockchains" (Jan. 17, 2021),

https://energycommerce.house.gov/sites/democrats.energycommerce.house.gov/files/documents/Briefing%20Memo\_OI%20Hearing\_2022.01.20.pdf.

Sincerely,

1199 Service Employees International Union, Upstate

Division
Todd Hobbler

**Executive Vice-President** 

350NYC Dorian Fulvio

Steering Committee member

Action Center on Race and the Economy Michele Gilliam, Deputy Political Director

Alliance for a Green Economy

Andra Leimanis

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Catskill Mountainkeeper

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Clean Air Coalition of WNY

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Chapter

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Co-Chair

Climate Reality New York State Coalition

Thomas Hirasuna, Co-Lead

Climate Reality Project

Joseph Pepe, Climate Leader

Coastal Research and Education Society of Long Island

Dr. Artie Kopelman

President

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Peter Gamba

Treasurer and founding member

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New York Policy Advocate

Earthkeeper Health Resources

Amy Rosmarin Executive Director

Elmirans and Friends Against Fracking

Doug Couchon Co-Founder Environmental Advocates NY

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Director of Climate Policy

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Owner

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Fossil Free Tompkins

Irene Weiser, Coordinator

FrackBustersNY

Mary Finneran, Co-founder

Gas Free Seneca Joseph Campbell

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Grassroots Environmental Education

Patricia Wood Executive Director

Green Education and Legal Fund

Mark Dunlea

Chair

**Indian Point Safe Energy Coalition** 

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Mothers Out Front Dutchess County

Caroline Fenner

Communications and Outreach

Mothers Out Front Tompkins

Sheila Out

Organizing Member

Nassau Hiking & Outdoor Club

Guy Jacob

Conservation Chair

Natural Resources Defense Council

Richard Schrader

New York Policy Director

New York City Environmental Justice Alliance

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New York Communities for Change

Jonathan Westin Executive Director

New York League of Conservation Voters

Patrick McClellan Director of Policy

New York Progressive Action Network

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NY Water Action Ann Finneran

NY Water Project Michelle O'Leary

Organizer

NYCD16 Indivisible

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NYPIRG Anne Rabe

**Environmental Policy Director** 

Occupy Bergen County

Sally Jane Gellert

Brien Weiner President

PAUSE (People of Albany United for Safe Energy)

Mark Dunlea

Chair

St. Alban's Episcopal Church

South Shore Audubon Society

The Rev. Julie Calhoun-Bryant

Rector

Ulster Activists Susan Denton

People for a Healthy Environment

Doug Couchon President StopCricketValley.org

Bill Kish Co-organizer

Protecting Our Waters

Iris Marie Bloom Executive Director Strong Economy for All Coalition

Michael Kink, esq. Executive Director

Public Utility Law Project of New York

Richard Berkley Executive Director Susquehanna Group of Sierra Club

Valdi Weiderpass Chairperson

Residents Allied for the Future of Tioga (RAFT)

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Carol Baum Organizer

Riverkeeper

Jeremy Cherson

Senior Manager of Government Affairs

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Chapter Laura Faulk

Co-chair

Sane Energy Project

Kim Fraczek Director The Diocese Of Central New York

The Rev Jeffrey Knox

Seatuck Environmental Association

Enrico G. Nardone, Esq. Executive Director

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Gita Devi Owner

Seneca Lake Guardian

Yvonne Taylor Vice President The Solidarity Committee of the Capital District

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Charter/ Exec Board Member

Sierra Club Atlantic Chapter

Roger Downs

Conservation Director

Tompkins County Climate Protection Initiative

Peter Bardaglio Coordinator

Sierra Club Long Island Group

Gail Payne

Energy Chair

Ulster Activists

Amy Kletter

Chair, environment committee

United for Action

Ling Tsou

Co-founder

United For Clean Energy

Tina Volz-Bongar

Community Organizer

Veterans for Climate Justice

Colleen Boland

Founder

WESPAC Foundation, Inc.

Nada Khader, Executive Director

New Yorkers for Clean Power

Betta Broad

Campaign Director

Climate Smart Philipstown

Krystal Ford

**Climate Smart Coordinator** 

Denizens of the Biosphere

Regi Teasley Founder Network for a Sustainable Tomorrow (NEST)

Adam Flint

Director of Clean Energy Programs

ResistSpectra Marie Inserra

Coordinator Group Representative

Rockland Goes Green

Susan Freiman

Founder

Long Island Progressive Coalition

Lisa Tyson

Director

All Our Energy

George Povall

**Executive Director** 

Clean Air Coalition of Greater Ravena-Coeymans

Barbara Heinzen

Steering Group member

FracTracker Alliance

Shannon Smith

**Executive Director** 

## **SENECA LAKE GUARDIAN BUSINESS COALITION:**

12th Moon Astrology 17th Century Suds A Holism In Sync

A Stone's Throw B&B Abelson Law Office

Acorn Designs

Admiral Peabody's Lakeside Lodging

Advanced Remodeling
Airy Acres Vineyard
AKS Apartments, LLC
Aligned Business Concepts
Amazing Grace Bed & Breakfast

American Canoe Association, Atlantic Division

Ann Cain Crusade, R.N., M.S., L.Ac

Ann Sheldon, Life Coach Another Time Antiques

Applegate Toys Area Records Argetsinger Vineyards

Atwater Vineyards

Autumn Leaves Used Books B&B: 448 East Broadway LLC Bagley's Poplar Ridge Vineyard

Barnstormer Winery Barry Family Vineyards

Bear Meadow Folk Instruments

Beef N' Brew

Bella Stone Massage Bellwether Cidery

Benedict Accounting and Tax Service

Berta's Cafe

Bill Carini Gardens Billsboro Winery Bitterwind Hop Farm

Bl.ink

Blackberry Inn B&B

Blecher Electric

Bloomer Creek Vineyard Boathouse Beer Garden

Bob and Dee

Bob and June's Organic Coffee

Bostwick House B&B Bottomless Brewing Boundary Breaks Vineyard

Bout Time B & B

Bramble: Community Herbalism

Bread 'N' Roses Brian Grafstein LMT Brian Keeler, Artist Bumble & Co. B & B Bunnell Associates Burdett House B&B Burford Books

Buried Treasures Organic Farm Buttonwood Creek Tree Farm

Calm Reflections Camp Seneca Lake

Cappy's

Capricorn Hill Farms

Captain Bill's & Seneca Harbor Station Cash and Caring Auction Services

Castle Creek Kombucha Catherine Cottages Cathy Emilian Design

Cayuga Chiropractic & Wellness Cayuga Morning Star B & B

Caywood Vineyards Charles Limousine Service Chateau Lafayette Reneau Chefs for the Marcellus Cherry Orchard B & B

Church Creative Flooring, Inc.

Cindy Lane-Newcomb; Raven's Landing

Clean Team

Clear Path Healing Arts Center

Climbing Bines Hop Farm and Brewery

Cloud 9 Wellness Compost International

Cortland Beer Company, LLC

Cottage Views B & B

Cotton Club at the Windmill

Cowlick Farms
Creating Change

Creativelink Photo/Graphics Services

Creekside Cafe

Crestwood Pools Inc.
Crooked Lake Winery
Cummins Nursery
Curry Creek Vineyards
Custom Care Pharmacy

D. Bordwell Editorial Services

Damiani Wine Cellars Dan Rapaport Consulting

Dano's Heuriger Daphne's Delights

Darlene Bordwell Photography
David Mooney-State Farm Insurance

Deep Lake Industries DeMarco Vineyards Derek's Diner Dewitt Park Inn Digital Wires

Discovery Massage
Dixie O'Connor, Fine Arts

Down to Earth Markets

Dr. Konstantin Frank Vinifera Wine Cellars

DS Hoffman, Luthier

Dundee Scottish Festival of the Finger Lakes Eagle Crest Vineyards/ O-Neh-Da Vineyard

Earthgirl Flowers
Earthgirl Pottery
East Side Dog Services
Echoes of the Glen B & B
Edible Finger Lakes

Eli Thomas Art Ely Fruit Farms Emery Vineyards

Eminence Road Farm Winery Enigma Skin Care Studio

Eremita Winery Eve's Cidery Evolving Studios Exercise Enterprise

Factivist

Faith Muirhead, Educational Consultant

Farm Kind

Farmer Ground Flour Farmshed CNY

Finger Lakes Clean Waters Initiative, Inc

Finger Lakes Concierge Finger Lakes Distilling

Finger Lakes Estate and Auction Company

Finger Lakes Florist Finger Lakes Foie Finger Lakes Food Company, LLC

Finger Lakes Gifts and Lounge Finger Lakes Mill Creek Cabins

Finger Lakes Natural Health Finger Lakes Soap Company

Finger Lakes Transport and Tours Finger Lakes Vacation Rental Finger Lakes Waterfall Resort Finger Lakes Website Services

Fingerlakes Angling Zone Guide Service

FingerLakes1.com Firehouse Distillery

Fleur De Lys of the Finger Lakes

FLX Table FLX Winery

Forever Green Tree Care Services

Forge Cellars

Fork & Gavel Cafe at Cornell

Fossil and Till Fox Pond Products Fox Trot Stables

Free Spirit Design Glass

Free to Be Me Coalition for Peace

Frisch Kitchen Frog Hollow Marina

Frontenac Point Vineyard and Winery

Fruit Yard Winery Geneva Bicycle Center Gentle Giants B&B GentlyBorne Midwifery George's Prosound Gil's Honeybees

Gimme! Coffee Inc.
Ginger Cat B&B

Glacier Ridge Vineyards Glen Mountain Market

Glendale Farms

Glenhaven Farm Winery Glenora Wine Cellars

Global Taco

Golden Knight Inn & Suites

Golden Orb Tattoos and Piercings

Good Earth Health Foods Good Karma Candles Good to Go! Market Goose Watch Winery Graceful Arts Fiber Studio

GRACES (Grass Roots Accomodations Coalition for

Energy Sustainability)

**Graphic Connections** 

Greensprings Natural Cemetery GreenStar Cooperative Market

Gryphon Construction Halsey's Wood Fire Bistro

Harvest Cafe

Hayward House B&B Hazelnut Kitchen Hazlitt 1852 Vineyards

Heart & Hands Wine Company

Heart to Heart Yoga

Heavily Brewing Company Hector Logging Company

Hector Wine Co.

Hemlock Hills Alpaca Farm Hermann J. Wiemer Vineyard

Heron Hill Winery Hipshot Products, Inc.

Hotel Groton

Humble Hill Farm and Lodge Hunt Country Vineyards Idol Ridge Winery

Ileen Kaplan Piano Service

Indian Creek Farm Inner Decisions

Interludes

**International Climbing Machines** 

Irish Carpentry Italy Hill Produce

Ithaca Acupuncture- Integrative Medicine Center

Ithaca Soap/17th Century Suds

IthacaDomains.com

J & D Landscape Construction

Jabberwock

JCC of Greater Rochester Jeremy and Erica Crytzer Jesi Turner, Musician

Joe's Hots

Joseph M Rao Inc. Journeyman Services JR Dill Winery

Just a Few Acres Farm

Just Desserts Kali Herbs

Kate Gustin, CPC - Joy of Living Health and Life Coach

Keep in Touch Therapeutic Massage Keuka Artisan Bakery & Deli

King Ferry Winery

King's Garden Vineyards

Kingbird Farm Kirton's Farm Market

Knapp Winery

Krys Cail, Farm and Food Business Development

Consulting

Kurtz Construction Lake City Hobby Lakehouse B&B Lakeland Winery

Lakeside Refrigeration Service Lamoreaux Landing Wine Cellars

**Larson Publications** 

Lawrence Reverby - Attorney at Law

Leaf Kitchen Restaurant Leidenfrost Vineyards Lilly Broadcasting

Linda Parks, CPA and Financial Advisor

Linda Ruth Astrology

Live Well Upstate: Massage Therapy and Natural

Medicine

Locke's Glen, LLC Vacation Rentals

Macro Mamas

Magnolia Place B & B Main Street Bike Shop

Manndible Cafe at Cornell/ Fork and Gavel Cafe at

Cornell

Marmalade Cat B & B McGregor Winery

Medleys Cafe & Catering

Michael Turback-Food and Wine Writer

Moon Heart Studios Moosewood Restaurant Mother Earth Natural Foods

Muddy Fingers Farm Native Plant Nurture

Natural Health Family Chiropractic

Nautical Nights B & B

Newell Farm No Man Services

North East Organic Farming Assoc. of NY

Northeast Band Supply Northstar Public House

O'Shaughnessy Antiques and Fine Arts Gallery

Odessa Coffee Depot

Old Fashioned Flowers from Fernville Farm

Owl Gorge Productions Paradise on the Lake B and B

Parker's Grille Passport Creations Penguin Bay Winery Perennial Evolution Farm

Peter Drobny - Glass Consultant

Pi Truck

Pine Tree Farms
Pioneer Printing
Plowbreak Farm
Pompous Ass Winery
Preliminaires Chocolat
Privacy on the Lake B & B

**Quality Wine Tours** 

QWIK Solar OwikSolar

Rasta Ranch Vineyards Ravines Wine Cellars

Reagan's Canoe and Kayak Livery

Reality Realty Red Dove Tavern Red Jacket Orchards Red Newt Cellars Regional Access Relax Inn

RENOVUS Energy, Inc.

Rising Sun Reiki

Robinia Redux Locust Fencepost Plantation

Rooster Fish Brewing

Roots and Wings Performing Arts Academy

Rustic Log Cabins

Sabol Farm

Salubrious Farms

Sapsquatch Pure Maple Products

Sawmill Creek Vineyards Schank Companies Seneca BioEnergy

Seneca Chief Guide Services

Seneca General Store Seneca Harbor Station Seneca Harbor Wine Center Seneca Lake General Store Seneca Lake Vacation Rentals

Seneca Lodge

Seneca Lodge Craft Brewing Seneca Lodge Lake House

Seneca Physical Therapy of the Finger Lakes, PC

Seneca Sailing Adventures Seneca Shore Wine Cellars Seneca Springs Resort

Seneca Strategic Consulting, LLC

Seneca Sunrise Coffee

Seneca Wine Boat Tours

Seneca Lake Vacation Rentals.com

Senecayuga Properties, LLC.

September Hill Midwifery Shalestone Vineyards

Shaw Vineyards

Sheldrake Point Vineyards

Showboat Motel and Restaurant

Silver Springs Winery Silver Thread Vineyards

Six Circles Farm Skyland Gallery Skyland Guest House

Snug Planet and Snug Solutions

Solar Systems Unlimited

Southern Tier Hops

Squires Accounting and Tax Services Inc.

Stalks and Stones

Standing Stone Vineyard Staving Artist Woodwork Stick and Stone Farm

Stomping Grounds
Stone Pillow Pottery

**StoneBoat Computing Solutions** 

Stonecat Cafe

Stony Lonesome Farms LLC

Studio West

subject2change Media

Summit to Stream Adventures

Sun Dance Creations Sun Garden Grille

Sunrise Hill Vineyards

Sunrise Landing B & B Sunset on Seneca B&B

Sunshine Natural Foods

Sustainable Viticulture Systems-Proprietor

Suzanne's Fine Regional Cuisine

Swamp Road Baskets

Swedish Hill, Goose Watch, and Penguin Bay Wineries

Sweet Chariot Livery Sweet Mother Nature Tabora Vineyards

**TAITEM Engineering PC** 

Tchotchke

The Black Sheep Inn The Burns Sisters The Elf in the Oak The Good Life Farm The Keep at Newell Farm

The Last Word

The Pearl of Seneca Lake B & B

The Piggery

The Soap Garden

The Water Cottage The White Gazebo

Themis and Thread Think Topography

Thomas Merrill Professional Land Surveyor

Three Brothers Wineries Three Swallows Farm Three Tree Inn B & B Thunder Mountain Foods

Thyme Stands Still Fruit and Vegetables

Tim McKinney, Photographer/Writer/Woodworker

Tim Regan

Tim Wells- Furniture Maker

Tom Blecher Tom Weidemann Tree Gate Farm Turbo Taxi

Two Goats Brewing

Two Sisters Cottage on Seneca Lake

Unique Pool Service Upstate Energy Solutions

Vaping Bad

Ventosa Vineyards Villa Bellangelo Waterloo Container

Waterloo Custom Apparel and Gifts

Watkins Glen Massage

Watkins Glen Wine and Spirits

Wayne Schutz West Haven Farm West Main Kitchen

West Side Wine and Spirits

White Gazebo Inn

White Wizard Consulting, LLC

Wide Awake Bakery Wild Flower Cafe Wine a Bit and More

Wine Forward
Wine on Ice
Wixom Farm
Wolf Tree Farm
Zero to Go LLC

## FINGER LAKES WINE BUSINESS COALITION (FLXWBC) MEMBERS:

Amazing Grace Bed & Breakfast Est. 1999

Argetsinger Vineyards Est. 1996 Atwater Estate Vineyards Est. 1999

A Stone's Throw Bed & Breakfast Est. 2012

Backacres Vineyard Est. 1947

Bagley's Poplar Ridge Vineyards Est. 1980

Barnstormer Winery Est. 2013 Barry Family Cellars Est. 2011

Bellangelo Est. 2002

Billsboro Winery Est. 2007

Black Diamond Farm, LLC Est. 1994 Bloomer Creek Vineyard Est. 1999 Bostwick House B&B Est. 2007 Boundary Breaks Vineyard Est. 2008

Bully Hill Vineyards Est. 1970

Ann Cain Crusade Acupuncture and Herbal Medicine

Est. 2006

Castel Grisch Winery Est. 1986 Catherine Cottages Est. 2003 Cherry Orchard B & B Est. 1988

Clean Team Est. 2000

Climbing Bines Craft Ale Co. and Hop Farm Est. 2013

Compost International Est. 2010

Costello, Cooney & Fearon, PLLC Est. 1896 Cottage Views Bed & Breakfast Est. 2013

Curry Creek Vineyards Est. 2003 Damiani Wine Cellars Est. 2000 Damiani Vineyards Est. 1997 Dan Rapaport Consulting Est. 1982

Davis Vineyard Est. 1998

Dr. Frank's Vinifera Wine Cellars Est. 1962 Echoes of the Glen Bed & Breakfast Est. 2005

Eli Thomas Art Est. 1990

Eminence Road Farm Winery Est. 2008

Eremita Winery Est. 2011

Experience! The Finger Lakes Est. 2007

Eve's Cidery Est. 2002

Fall Bright, The Wine Makers Shoppe Est. 1978

Finger Lakes Cider House Est.2014

Finger Lakes Food Company LLC, dba. Verjooz Est.

2009

Finger Lakes Mill Creek Cabins Est. 2006

Finger Lakes Solar Co-op Est. 2014

First Flight Est. 1987 FLX Wienery Est. 2014 Forge Cellars Est. 2008

Frontenac Point Vineyard – Estate Winery Est. 1979

Ginger Cat Bed & Breakfast Est. 2008

Ginny Lee Cafe Est. 1983 Good for Business Est. 1999 Goose Watch Winery Est. 1997

Hazlitt 1852 Vineyards, Inc. Est. 1985 Heart & Hands Wine Company Est. 2006

Hector Wine Company Est. 2009

Hermann J. Wiemer Vineyards Est. 1979

Heron Hill Vineyard Est. 1977 Hidden Marsh Distillery Est. 2007

Hosmer Winery Est. 1985

Hunt Country Vineyard Est. 1981 Idol Ridge Winery Est. 2013 Ingle Vineyard Est. 1972

Inspire Moore Winery and Vineyard Est. 2007

Interludes Est. 2000

Italy Hill Produce Est. 2009

J. Crytzer Woodworking Est. 2003

J.R. Dill Winery Est. 2009

Keuka Spring Vineyards Est. 1985

King Ferry makers of Treleaven Wines Est. 1984 Lacey Magruder Vineyard & Winery Est. 2011

Lake House & Cottage Rental Est. 1997

Lakeshore Winery Est. 1982

Lamoreaux Landing Wine Cellars Est. 1990

Loan Chiropractic Est. 1986

Locke's Glen, LLC Vacation Rentals Est. 2015

Lost Kingdom Brewery Est. 2014

Macro Mamas Est. 1992

Magnolia Place Bed & Breakfast Est. 1997

McGregor Vineyard Est. 1971

Medleys Est. 1993

Montezuma Winery Est. 2001 Nautical Nights Est. 2000

New Vines Bed & Breakfast Est. 2014

Northside Wine and Spirits

NYSP2I Est. 2005

Old Fashioned Flowers, Fernville Farm Est. 2011 O-Neh-Da & Eagle Crest Vineyards Est. 1872 Peggy Haine – Food and Wine Writer Est. 1984

Penguin Bay Winery Est. 2006 Pompous Ass Winery Est. 2008 Ports of New York, Est. 2000 Rasta Ranch Vineyards Est. 1993 Ravines Wine Cellar Est. 2000 Redbyrd Orchard Cider Est. 2010 Red Newt Cellars, Inc. Est. 1998 Regional Access Est. 1989

Renovus Energy Est. 2003

Robinia Redux Locust Fence Post Plantation Est. 1979

Sawmill Creek Vineyard Est. 1852

Savor Life Radio Est. 1994

Seneca 7 Est. 2011

Shalestone Vineyards, LLC Est. 1995

Shaw Vineyard Est. 1980

Sheldrake Point Winery Est. 1997

Silver Springs Winery LLC Est. 2001

Silver Thread Vineyard Est. 1991

South Hill Cider Est. 2013

Stone Boat Computing Est. 2011

Stone Cat Cafe Est. 1999

Stone Pillow Pottery Est. 2012

Stoney Lonesome Farm, LLC Est. 2012

CC: Members of the New York State Assembly

Members of the New York State Senate

Strategic Coaching Est. 2014 Sun Dance Creations Est. 1998

Sunrise Landing Bed and Breakfast Est. 2004 Sustainable Viticulture Systems Est. 2013 Suzanne Fine Regional Cuisine Est. 2003 Swedish Hill Vineyard, Inc. Est. 1985

Themis and Thread Est.2013
The OCD Art Galley Est. 2013

The Pearl of Seneca Lake, Inc. Est. 2005

Three Brothers Wineries and Estates Est. 2007

The Rose Petal Inn Est. 2014 Two Goats Brewing Est. 2010 Ventosa Vineyards Est. 2005 Vineyard View Winery Est. 2013

Wagner Valley Brewing Company Est. 1997

Wagner Vineyards Est.1976 Wide Awake Bakery Est. 2010