



# PROPOSAL TO ADDRESS RURAL ALASKA'S CRITICAL ENERGY CHALLENGES

## TEAM BIOGRAPHIES

Alaska Energy Authority  
Tanana Chiefs Conference  
Northwest Arctic Borough



## **Business Point of Contact**

### Curtis Thayer

Curtis Thayer serves as the Alaska Energy Authority (AEA) executive director. Previously, he was the commissioner for the Department of Administration and cabinet member for Governor Sean Parnell, responsible for 1,100 public employees and an annual budget of \$350 million. As part of his public service, he served as the deputy commissioner of the Department of Commerce, Community, and Economic Development, and worked in Washington, D.C. with Alaska's Congressional Delegation. A graduate of the United States Department of Energy's National Renewable Energy Laboratory Executive Energy Leadership Institute program, Thayer has gained a comprehensive understanding of advanced energy technologies that has helped him guide his organizations in making energy-related decisions. The project budget and work plan anticipate a 3%-time commitment from Thayer to the project.

### Timothy Sandstrom

Tim Sandstrom is AEA's Chief Operating Officer and will represent Mr. Thayer, directly overseeing the rural energy team. He has been with AEA since 2011 and served as director of rural programs. Sandstrom oversees the management of AEA's Rural Power System Upgrade, Bulk Fuel Upgrade, Circuit Rider, Emergency Response, and Training Programs. As a senior management team member, he is also responsible for implementing AEA's strategy and budget management for his programs. With over 35 years in construction, project management, and engineering project management throughout Alaska, Sandstrom brings a broad range of private sector experience to his work. The project budget and work plan anticipate a 3% time commitment from Sandstrom to the project.

## **Technical Point of Contact**

### Rebecca Garrett

Rebecca is the Rural Programs Manager and has been with Alaska Energy Authority since 1997 and has managed projects and programs in varying size and complexity since 1998. She earned her project management professional (PMP) certification and keeps an active registration. She will take on the day-to-day administration of this award, starting by preparing the Project Management Plan. From there, she will assign individual projects to qualified project managers who will provide project oversight, review, and accept plans, procedures, deliverables, and reports. Ms. Garrett will be responsible for project communications between contractors, consultants, and the AEA team. She will track specific contractual deliverables against the schedule to ensure contractors are on track to meet critical milestones. She will be the primary point of contact for the award. The budget and work plan anticipate 25% of Garrett's time committed to this project.

## EDUCATION

### University of Alaska Fairbanks, Fairbanks, Alaska

Dec. 2012

*Masters of Business Administration*

G.P.A. 3.7

**Relevant Coursework:** Human Resource Management, Financial Markets and Strategy, Innovation Management

### Cornell University, College of Agriculture and Life Sciences, Ithaca, New York

May 2008

*Bachelor of Science in Natural Resource Management, minor in Business Management*

Honors: Graduated **Cum Laude**

G.P.A.: 3.45

**Relevant Coursework:** Finance · Marketing · Financial Accounting · Public Policy in Natural Resources · International Conservation · Multinational Business Management · Semester in New Zealand

### Project Management Professional (PMP) Certification

Feb 2014

### Certified Energy Manager (CEM)

Dec 2014

Solar Energy International PV 101, PV 201, Solar Thermal 101, Wind Energy 101

July 2012

## EXPERIENCE

### Infrastructure Division Director, Tanana Chiefs Conference, Fairbanks, AK

Oct 2022-Present

Leading TCC efforts in the areas of Broadband Development, Energy, Transportation and Housing

- Successfully receive 30.3M ReConnect 3 grant to supply broadband to 5 villages along the Koyukuk River
- Led the development of the Interior Broadband Plan

### Rural Energy Coordinator, Tanana Chiefs Conference, Fairbanks, AK

Oct 2012-Present

Work with tribal governments and regional, local or federal entities to lower the cost of energy and facilitate tribal energy security.

- Financed, developed managed Hughes 80k gal Bulk Tank Farm Fuel project \$813k, 2020
- Increased TCC regional building efficiency standards for new construction to the highest efficiency standards in the nation
- Led the design and construction of Huslia \$1.2M multi purpose building 2019
- Developed DOE Strategic and Readiness Technical Assistance (START) grants for Minto and Koyukuk, AK and assisted with START project management for both communities. Project funds totaling \$500k.
- Project Manager for the Interior Regional Energy Plan, Interior Broadband Plan
- Financed, developed managed Hughes 120kW Solar and 337kwh battery storage project \$1.2M
- Presented on rural energy issues at the Alaska House and Senate Energy subcommittees, Rural Energy Forum, Biz of Clean Energy in Alaska Conf., Alaska Solar Conference etc
- Managed \$2.5M in Diesel generator change outs '14-'21
- Brought in or managed more than \$12M worth of State, federal and private foundation grant funds
- Led 46kW Solar install and training in Tanacross, AK
- Developed \$30M Reconnect round 3 USDA broadband app
- Designed and Installed 18kW solar PV system in Ft Yukon
- Led the separate submission of \$2.6M Northway broadband project and regional \$89M broadband application to NTIA
- Led 2020 TCC business formation development study looking at the viability of TCC starting a tribal business

### Adjunct Professor, Interior Aleutians Campus, RD-250

March 2013-March 2017

Led 1-2 courses per year on grant writing for community development, renewable energy and energy efficiency, all classes were taught to rural and urban Alaskans at the Bristol Bay Campus in Dillingham, AK

- Positive course reviews and students who went on to write successful grants for their communities
- Bristol Bay Campus asked me to expand course offerings

### Energy Department Director, Yukon River Inter-tribal Watershed Council, Fairbanks, AK

June 2009-Oct 2012

Performed a range of grant writing, partnership development, project installation and energy data management for the YRITWC, a tribal consortium of 70 indigenous communities in the Yukon River watershed of North America

- Led installation of the first New Energy hydrokinetic turbine installed on the Yukon River in Ruby, Alaska
- Led the installation of Solar thermal project, Nenana, AK
- Developed and Executed \$300k AKP Efficiency Project
- Developed and Executed \$300k Alaska Dept of Labor Renewable Technologies Training Grant
- Designed and managed install of 4.4kW Nenana Solar Project
- Presented at Alaska Hydrokinetics conference, AK Forum on the Environment, Dept. of Energy Tribal Energy summit
- Managed department employees and seasonal interns
- Led Training/Install of a 3kW array in Alatna, AK

# Dave Messier

790 Pelican Way, Fairbanks, AK 99709  
Dp2477@gmail.com or 907-978-1866

## *Project Details*

### **Owner, Daylight Energy Services LLC**

**Feb 2012-Present**

Daylight Energy Services is a renewable energy and energy efficiency company specializing in LED lighting and solar supply and consulting. Through this company, I use my skillset to assist other Alaskan communities and individuals with renewable energy projects

- Partnered to manage construction of 573kw Kotzebue Solar PV Project for Kotzebue Electric Assn
- Led the design and procurement of material for the \$2.2M , 223kw Shungnak Solar PV and 384kwh battery project tied into AVEC grid

### **Owner, Daylight Rentals LLC/MT Enterprises**

**Feb 2014-Present**

Daylight Rentals LLC is a Fairbanks based owner and lessor of two small apartment buildings, MT Enterprises is a sole proprietor of small residential rental properties

- Owner/Managing member of LLC and Sole Proprietorship that own over \$2.5M worth of residential real estate assets
- Oversee management of 41 residential rental units providing quality rental units at affordable prices

### **Treasurer, Golden Valley Electric Association**

**2017- Present**

Treasurer on the GVEA Board of Directors, a local electric generation, transmission and distribution cooperative serving 44,000 members and 100,000 residents across the interior of Alaska.

- Youngest board member serving on the GVEA board
- Chair of the Finance Audit and Rate Committee

### **Board Member, Renewable Energy Alaska Project (REAP)**

**Feb 2010-Present**

Board of Director Co-chair rural energy subcommittee, REAP is a consortia of energy stakeholders in Alaska committed to the expansion of renewable energy across the state

- Represented rural Alaska alongside state/industry partners
- Co-Chair: Rural Energy subcommittee

### **Outdoor Education Instructor**

**September 2005-December 2008**

Outdoor Environmental Adventure Camp for Youth in North America and S.E. Asia

- Negotiated contract with China Light and Power in Hong Kong to install a solar/wind co-gen educational installation.
- Instructed Outdoor Leadership courses focused on group management, teambuilding, expedition behavior

### **English Teacher, Loke Pangma Government School, Nepal**

**January 2009-April 2009**

- Lived with a Nepali hill tribe for 3 months teaching English
- Taught English in a primary level, Nepalese government school
- Organized after-school English classes for community group

## **SKILLS AND INTERESTS**

Travel and Travel Writing  
Certified Wilderness First Responder and CPR  
Climbing  
Designed and Built personal home

Backpacking  
Carpentry  
Hunting  
Teambuilding

Outdoor Education  
Energy  
Experience in leadership positions  
Conversational in Spanish

## **Ben Shilling**

415 Iver Street, Fairbanks, AK 99709

907-712-7925

benjshilling@gmail.com

## **Experience**

### **Tanana Chiefs Conference, Fairbanks, Alaska**

2013 - Current

**Chief Financial Officer** – Responsible for the accounting department and all financial reporting. At \$470M of assets and \$250M of annual revenues while maintaining an A+ Bond Rating and many years of clean audits with no findings. Directly responsible for a staff of 12 and shared oversight of another 10.

### **Schneider & Shilling CPAs**

2002 - 2012

**Partner** - Governmental auditor and accountant with emphasis on Alaskan Tribal Governments. Extensive training of tribal staff in the operation of governmental accounting and the use of automated accounting systems. Negotiated audit requirements with State and Federal audit agencies.

### **University of Alaska, Systems Office**

1993 - 2002

**Director of Internal Audit Department** – Conducted fraud, compliance, efficiency, and information technology audits throughout the university system and the State. Reported directly to the Board of Regents. Testified at trials and presented at national Internal Audit conferences. Directly responsible for 4 staff.

### **KMG Main Hurdman evolved into Cook & Haugeberg CPAs**

1986 - 1993

**Audit Manager** – Managed governmental and non-profit audit engagements including the City of Fairbanks and the Fairbanks North Star Borough School District. Clients included local financial institutions, non-profits and local governments and school districts across the interior.

## **Education**

### **University of Alaska, Fairbanks**

Bachelor of Business Administration – Accounting, Cum Laude 1985

Associate of Arts – Computer Information Systems, Cum Laude 1983

## **Certifications**

Certified Public Accountant 1989

Certified Information System Auditor 1994

# EDWARD DELLAMARY

1902 Mary Ann Street, Fairbanks, AK, 99701 · +7606437866

[eddellamary@gmail.com](mailto:eddellamary@gmail.com) · <https://www.linkedin.com/in/edward-dellamary-155a10a1/> ·

## Experience

**December 2022-Present**

### **Rural Energy Specialist, Tanana Chiefs Conference , Fairbanks, Alaska**

- Working with the Village of Hughes and City of Hughes on a Power Purchase Agreement
- Improving, ensuring smooth maintenance& operation, handling solutions for existing powerplants in TCC region
- Working on future energy projects, e.g. Galena Solar Project

**September-December 2022**

### **Contractor, Deerstone Consulting LLC. , Fairbanks, Alaska**

- Working with the Village of Hughes and City of Hughes on a Power Purchase Agreement
- Assisting Federally Recognized Tribes in the Tanana Chiefs Conference region apply for the DOE 40101d grant

**May – June 2022**

### **Contractor (Commissioning); Hughes, Alaska**

- Commissioning, maintenance and operation of operate the 120 kW Solar PV array as well as the 353 kWh EMesh battery system during the week of: May 13<sup>th</sup> – May 20<sup>th</sup> 2022

**May 2020 – July 2020**

### **Renewable Energy Investigator, Cordova, Alaska**

Explored options for creating a microgrid between three remote towns in the Prince William Sound.

**May 2019 – January 2020**

### **Manufacturing Commissioning Lead, NorthVolt AB, Sweden**

Coordinating the Installation and Commissioning of an Active Cathode Material Factory. Leading and training a team of Future Operators.

## EDUCATION

August 2017 - June 2019

**M.Sc. Advanced Materials Engineering and Science**, LULEÅ TEKNISKA UNIVERSITET & UNIVERSITAT POLITÈCNICA DE CATALUNYA

- Specialization - Advanced Metallic Materials
- Thesis: Cu<sub>2</sub>O/TiO<sub>2</sub> Nanorod Heterojunctions: Synthesis, Characterization and Applications as Solar Cells on the Nanoscale
- 

September 2012 - July 2016

**Bachelor of Science in Chemistry**, UNIVERSITY OF CALIFORNIA SAN DIEGO

- Specialization – Inorganic Chemistry

August 2008 - June 2012

**High School Diploma**, MISSION HILLS HIGH SCHOOL SAN MARCOS, CALIFORNIA



907-378-7003



cortnie.doan@tananachiefs.org



2380 Dano Ct. North Pole, AK 99705



tananachiefs.org

## SKILLS

- Project Design
- Job Costing
- Problem-Solving
- Multitasker
- Project Management Tools
- Strong Communication

## EDUCATION

### ASSOCIATES OF APPLIED SCIENCE ACCOUNTING

University of Alaska Fairbanks  
2009

### ASSOCIATES OF APPLIED SCIENCE MARKETING

University of Alaska Fairbanks  
2009

## HONORS

University of Alaska  
Cum Laude 2009

# CORTNIE DOAN

## INFRASTRUCTURE PROJECT MANAGEMENT

I am a qualified and professional project manager with over thirteen years of experience in accounting, construction and administration and a team player with an eye for detail.

## EXPERIENCE

### INFRASTRUCTURE GRANT & OFFICE MANAGER

Tanana Chiefs Conference 2023- Present

- Contract Management
- Grant Applications
- Manages over \$12 million in budgets for the Infrastructure Division
- Project Management
- Proficient use in Oracle, Agiloft, Word, Excel, Outlook, Adobe Pro

### PROPERTY MANAGEMENT

Mission Properties, LLC 2008 - Present

- Manages rentals in North Pole, Alaska
- Schedules repairs and maintenance
- Proficient with Adobe InDesign, Photoshop, Publisher

### FUND ACCOUNTANT

Tanana Chiefs Conference 2011-2023

- Grant accounting for a nonprofit organization
- Monthly reconciling, state and federal reporting
- Budget controller for all grant application
- Proficient in Oracle Grant Accounting

### CHIEF FINANCIAL OFFICER

Mission Construction, LLC 2012-2020

- Owner of residential construction company
- Job costing, bookkeeping, inspector, working closely with sub-contractors
- Estimates, project reviews, and scheduling, ordering materials for jobs.
- Proficient in QuickBooks and Payroll

## REFERENCES

Justin Witt 907-978-7873

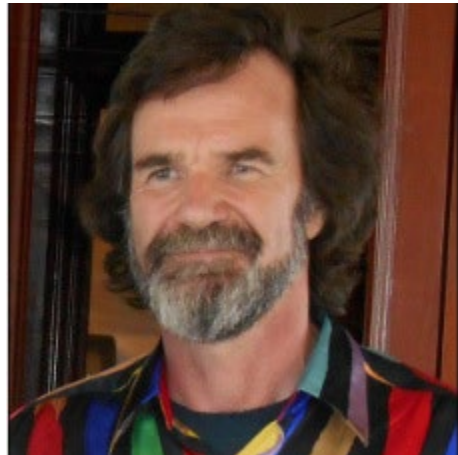
Wendell Clark 907-322-6571

Richard Stevens 907-347-2570



## **NORTHWEST ARCTIC BOROUGH PROJECT MANAGER**

**Ingemar Mathiasson**



Ingemar Mathiasson is the Northwest Arctic Borough Energy Program Manager. He will serve as the primary technical and management point of contact for this grant, overseeing all aspects of the award. With over a decade of managerial experience along with personal experience working in the power and renewable energy industry, Mr. Mathiasson has successfully led various energy projects, including renewable energy integrations, wind power and solar projects. He is experienced in leading numerous grant-funded initiatives and managing compliance with grant requirements. He understands the requirements for the proposed upgrades to the community power plants and how these upgrades will achieve reduced diesel consumption, thereby reducing greenhouse gas emissions. Mr. Mathiasson regularly works with the various community utilities, the Alaska Energy Authority, the Native Regional Corporation, and tribal and city governments. He reports to the Borough Mayor, Dickie Moto, and will keep him informed on the project progress.