

## 4.0 TECHNICAL ABILITY

Development of Three Rivers Solar Power has been led by Swift Current Energy with support from numerous consultants to comprise a team with extensive experience and knowledge in renewable energy development, including expertise in rezoning, permitting, financing, engineering, and environmental permitting.

Swift Current Energy (SCE) is a clean energy focused development and investment firm. SCE develops and acquires North American wind and solar assets, managing from initial development through operations. Founded in 2016 by industry veterans, SCE has over a gigawatt of utility scale wind, solar, and energy storage power projects in development across North America. SCE, headquartered in Boston, Massachusetts has a broad geographic footprint, with projects located in five states and regional offices in Maine, Illinois, Montana, New York and Texas. Today, SCE is comprised of an executive team with more than 100 years of renewable experience combined. The SCE team has a proven track record in power development and operations, having developed, financed, constructed, and operated over 60 power projects in 26 states in their careers.

SCE has successfully executed \$9 billion in financing renewable transactions amongst the company's founders. It is SCE's primary goal to work with host-communities to ensure long-term partnerships and successful clean energy projects. To date, SCE's project portfolio includes 185MW of operational renewable energy facilities, 565MW under construction, and over 1,500MW under development.

Supporting SCE with the Three Rivers Solar Power Project, the local project development team includes: Acheron Engineering (civil engineering, geologic consulting, "stormwater"); Atlantic Resource Consultants (natural resource assessments, environmental permitting, soils); SGC (electrical engineering); Plisga & Day (land surveys, mapping); Bodwell EnviroAcoustics, LLC (sound assessment); TRC Solutions (prehistoric archaeological resources); Biodiversity Research Institute (wildlife studies); and Verrill Dana (legal counsel).

Exhibit 4-1 includes detailed biographies and resumes for key members of the development team.

## **Exhibit 4-1**

### **Key Development Team Members Biographies**



**Swift Current Energy**  
89 Main Street  
Yarmouth, ME 04096

**Lead Project Developers**

**David Fowler**

Founder/President - Next Phase Energy Services, LLC  
Partner, Senior Director - Swift Current Energy

Dave Fowler performed as the lead developer for the Three Rivers Solar Power Project. Dave is a Senior Director and Partner at Swift Current Energy. Mr. Fowler has over 25 years' experience in development, with over a decade in renewable energy development. Mr. Fowler began his renewable energy career at First Wind as land manager. Dave was responsible for lease acquisitions, public outreach, and overseeing permitting, engineering and design, and the interconnection process. In his time at First Wind, his ability to close deals made him an indispensable asset to the company, where he rose to Senior Director of Development. In his time leading development at First Wind, later acquired by Sun Edison, Dave cultivated 420 MW of energy in the state of Maine from origination to commercial operation. Prior to joining Swift Current, Dave founded an independent consulting company, Next Phase Energy Services, focused on providing expertise in renewables development for companies exploring projects in Maine and beyond. Dave received his undergraduate degrees in Forestry Management and Business Management from the University of Maine.

**Lucy Fowler**

Project Coordinator – Swift Current Energy  
Project Manager – Next Phase Energy Services, LLC

Lucy Fowler performed as a project coordinator for the Three Rivers Solar Power Project. Lucy is a Project Manager at Next Phase Energy where she works exclusively with Swift Current Energy on numerous projects throughout the U.S. Lucy joined the Next Phase team upon graduating from Keene State College in May 2018 where she earned her undergraduate bachelor's degree in Business Management and Environmental Studies. Since joining the Next Phase team, Lucy has assisted in the rezoning process through LUPC to successfully revert 696-acres within the 1,115-acre parcel to a Commercial Industrial Development Subdistrict. Lucy has also facilitated the permitting process by working with numerous consultants and engineers to permit and design the Three Rivers Solar project. Lucy has also worked on lease acquisitions, environmental and regulatory permitting, and facilitation of engineering and designs at wind and solar projects across the country.

**Swift Current Management Team**

**Eric Lammers**

Eric Lammers is the Managing Partner at Swift Current Energy. Mr. Lammers is an experienced investor and company builder in energy infrastructure industries with 25 years of experience in the space, including 17 years of senior private equity investing. Prior to Swift Current Energy, Eric was a Principal and Managing

Director at ArLight Capital Partners with a focus on power generation, renewable energy, electric transmission and midstream infrastructure. His investments included Terra-Gen Power, Leeward Renewable Energy, Enable Midstream, MYR Corporation, and Path 15 Transmission Expansion. Eric was also a Principal at McManus & Miles, a boutique investment banking firm specializing in energy and infrastructure where he led M&A and structured financing transactions, including tax oriented renewable energy financings. Eric has an MBA with a finance concentration from the Wharton School at the University of Pennsylvania; a BS in Finance and International Business from Georgetown University; and a General Course certificate from the London School of Economics University.

#### **Will Havemeyer**

Will Havemeyer is a Partner and Chief Legal Officer at Swift Current Energy. Bringing a versatile blend of energy, corporate and transactional experience, Mr. Havemeyer joined the founding team at Swift Current in 2016. With expertise in navigating complex projects from concept to completion, Will touches all aspects of Swift Current's business, including project development, financing and operations. Prior to Swift Current, he was an early member of the senior team at IMG Midstream, a private equity backed IPP developing and operating a fleet of distributed-level natural gas powered energy facilities in the Mid-Atlantic. Previously, while at Terra-Gen Power, Will served as financing and development counsel on the build-out and disposition of multiple utility-scale wind energy facilities. At First Wind, Will served as counsel on more than 2GW of wind, solar and natural gas project development, financing, acquisition and disposition efforts from Maine to Hawaii. Before working in the energy arena, Will advised large real estate developers and real estate investment managers at Goodwin Procter. Will received his A.B. in Government & Legal Studies from Bowdoin College and his J.D. from Northeastern University School of Law.

#### **Matt Birchby**

Matt Birchby is a Partner at Swift Current Energy. Mr. Birchby is a seasoned energy development and investment professional with nearly 10 years of experience across the renewable energy value chain in acquisitions, development, offtake origination and structuring, project finance, and asset management. Prior to Swift Current, Matt was the Director of Origination at Altenex, where he led their commercial team representing corporate entities procuring energy through power purchase agreements. Previously, Matt was a member of Westerly Wind and D.E. Shaw Renewable Investments, where he was primarily responsible for activities that ranged from late stage development and commercial activities to acquisitions and dispositions of both wind and PV solar assets. Matt began his career in renewable energy at First Wind, and in various roles grew from an energy market analyst to being responsible for all items associated with optimizing the performance of operating wind farms in the northeastern United States. Matt has an undergraduate degree from Colby College, with a B.A. in Economics.

#### **Peter Mara**

Peter Mara is a Partner at Swift Current Energy. Mr. Mara has over 13 years of experience in the energy industry. Prior to Swift Current Energy, Peter was Vice President of Finance of Westerly Wind, LLC from its inception in 2010. Westerly Wind provided development capital for wind energy projects, which included developing and selling over 800MW of wind generations. Prior to Westerly Wind, LLC, Peter was at US Renewables Group, LLC, the lead private equity investor in Westerly Wind, where he worked on numerous acquisitions and investments and supported building platforms in the renewable power generation, biofuels, and clean technology infrastructure sectors. Before USRG, Peter was an Associate in the Project Finance and Infrastructure Group at John Hancock and Manulife, where he participated in numerous project debt financings, infrastructure and power generation private equity investments, and utility bond

**Three Rivers Solar Power, LLC**  
**MEDEP Site Location of Development Application**  
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financings. Peter graduated from Northeastern University, summa cum laude, with a degree in Business Administration.

**William Kelsey**

William Kelsey is a Partner at Swift Current Energy. William is responsible for leading the development and construction of Swift Current Energy projects from acquisition through to commercial operation. William has over 20 years of experience in the power development business. He has broad experience developing successful power projects both domestically and abroad using renewable and traditional power generation technologies. Prior to Swift Current, William was a Director of Project Management at Zilkha Renewable Energy, now EDP Renewables, where he managed the development and construction of US based wind projects. Previously, William held key positions at the InterGen North America, Hart Energy international and Coastal Power Company. William has an undergraduate degree from Texas A&M University, Bachelor of Science, Construction Science.

**Tony Lent**

Tony Lent is a Partner at Swift Current Energy. Mr. Lent is a seasoned investor in the clean energy and resource efficiency industries with 25 years of experience in advisory and senior principal investing roles. Prior to Swift Current, he was a Senior Managing Director at Wolfensohn Fund Management, an emergin markets private equity fund manager concentrating on clean energy and financial services, in India, Brazil, and Eastern Europe. Prior to Wolfensohn, he was Co-founder and Managing Director of US Renewables Group, a \$750M private equity fund focused on renewables and low carbon energy in North America. At USRG, Mr. Lent catalyzed the formation of the investment team and led renewables development and technology commercialization investments. Tony has an MBA in technology management from the Haas School of Business at UC Berkeley and a BS in Biology from Tufts University focused in molecular biology.

## **Kirk Ball, P.E.**

Acheron Engineering Services  
147 Main Street  
Newport, Maine 04953  
Cell: 207-341-2590  
Tel. (207) 368-5786  
[KBall@AcheronEngineering.com](mailto:KBall@AcheronEngineering.com)

Maine Professional Engineer #11681

### **EDUCATIONAL HISTORY**

|  |                                   |
|--|-----------------------------------|
| University of Maine<br>Orono, Maine          | B.S. Construction Management 2003 |
| Maine Central Institute<br>Pittsfield, Maine | College Course Curriculum, 1985   |

### **PROFESSIONAL EXPERIENCE**

|                |   |
|----------------|---|
| 2008 - Present | Vice President & Project Manager<br>Acheron Engineering Services<br>147 Main Street, Newport, Maine 04953 |
| 2003 - 2008    | Project Engineer<br>Acheron Engineering Services<br>147 Main Street, Newport, Maine 04953                 |
| 1998 - 2003    | Engineering Technician<br>Acheron Engineering Services<br>147 Main Street, Newport, Maine 04953           |
| 1988 - 1998    | Piping & Machinery Designer<br>Bath Iron Works, Bath Maine  |

### **PROJECT RELATED WORK HISTORY**

|             |   |
|-------------|---|
| <b>2018</b> | Modification of Site Location of Development Act Permit for MHC Moody Beach:<br>Provided engineering and permitting service for expansion of existing RV resort, Wells<br>Maine. Services included, site design, stormwater management design, erosion control<br>design, coordinating work by other consultants. |
| <b>2018</b> | MWDCA Permit Application, Saccarappa Hydro Sappi North America:   |

Provided engineering services for the removal of the Saccarappa Hydro Station. Services included, oversight of site design, structural design, fishway design, hydraulic modeling and coordination of work by other consultants.

- 2018** Penobscot McCrum, Belfast, Maine: Provided engineering service related to drafting a Stormwater Pollution Prevention Plan and Oil Spill Prevention, Control and Countermeasure Plan for the Belfast facility.
- 2017** FERC Surrender Application Saccarappa Hydro Sappi North America: Provided engineering services for the removal of the Saccarappa Hydro Station. Services included, oversight of site design, structural design, fishway design, hydraulic modeling and coordination of work by other consultants.
- 2007 – 2018** Pratt & Whitney Quarterly Stormwater Inspection and Plan Updates: Perform quarterly stormwater inspections of the Pratt and Whitney North Berwick Facility per the facility's Stormwater Pollution Prevention Plan and the Maine Multi Sector General Permit. Provided assistance updating plans upon State of Maine renewing the MSGP.
- 2016** Modification of Site Location of Development Act Permit for MHC Naples KOA Campground: Provided engineering and permitting service for expansion of existing RV resort, Naples Maine. Services included, site design, stormwater management design, erosion control design, coordinating work by other consultants.
- 2014** MWDC Application Cumberland Mills Fish Passage Sappi North America: Provided engineering services for fish passage for the Cumberland Mill Dam, Westbrook, Maine. Services included, oversight of site design, structural design, fishway design, hydraulic modeling and coordination of work by other consultants.

Older relevant project includes:

- Stormwater Permit for Seabasticook Lumber, St. Albans, Maine
- Stormwater Permit for Hemlock Grove Campground, Arundel, Maine
- Stormwater Permit for Northeastern Log Homes, Kenduskeag, Maine
- LUPC Permit, Chewonki Campground, Golden Road, Maine
- LUPC Permit, Chewonki Camp for Girls, Forth Debsconeag
- Stormwater Permit, Garland Pond Residential Subdivision, Garland, Maine
- Design and Local Permitting, Smith Residential Subdivision, Dover, Maine

## **ALEITA “LEE” BURMAN**

### Senior Wetland Scientist, Certified Soil Scientist

**Address:** Burman Land & Tree Company, LLC, 16 Steep Hill Road, Orrington, Maine 04474

**Phone:** (207) 825-4050 home, (207) 385-6056 cell

**E-Mail:** blburman@gmail.com

### **Services Summary**

I am a natural resources and soil science consultant. My services include protected natural resource delineation and mapping, soil science and mapping, vernal pool documentation, stream identification, wetland functional assessments and mitigation plans, invasive species management, baseline ecological documentation, and natural resource alteration permitting assistance with the Corps, EPA, DEP, LUPC and municipalities. I give presentations to interested groups on ecology and natural resources topics and on State and Federal permitting standards.

#### **Senior Wetland Scientist**

- New Hampshire Certified Wetland Scientist #178
- Protected Natural Resources identification, delineation, and classification
- Wetland Data Forms, Wetland Functional Assessments, Wetland Mitigation Plans
- State and Federal natural resources alteration permitting: preparation and submission of permit applications, alternatives analyses, liaison between client and regulatory agencies, project presentations
- Presentations and Training

#### **Certified Soil Scientist**

- Maine Certified Soil Scientist #SS430
- Soil Surveys for Maine Site Location of Development Applications
- Soil Documentation for stormwater system design and waste facility licensing

#### **Licensed Site Evaluator**

- Maine Licensed Soil Site Evaluator #SE344
- Soil Site Evaluation and Septic Design

### **Education**

- B.S. High Distinction, Natural Resources, Soil and Water Conservation. University of Maine, Orono, Maine. 1992
- A.A.S. Ecology and Environmental Technology. Paul Smiths College, Paul Smiths, N.Y. 1988

### **Professional Associations**

- Maine Association of Wetland Scientists, Member; President-Elect (present); Treasurer (2014 to 2019), Technical Committee (2015 to present) Legislative Committee (2011 to present); Ethics Chair (2013 to 2014)
- Maine Association of Professional Soil Scientists, Member; Vice President (1999-2000); Membership Chair (2000-2002)
- Maine Association of Soil Site Evaluators, Member



## **Experience**

- 2015 – present      Burman Land & Tree Company, LLC, Orrington, ME. Independent Environmental Consultant. Wetland, vernal pool and stream delineation. Corps, MDEP, LUPC and municipal resource alteration permitting assistance. Soil surveys. Work with regulatory agencies, clients and team members/stakeholders to facilitate project success.
- 1997 – 2015      S.W. Cole Engineering, Inc., Bangor, ME. Ecological Services Team Leader. Project Manager of Protected Natural Resources and Soils services. Senior Scientist. Team Leader of 4 to 5 person soil/wetland scientist team. Responsible for client projects from beginning to end including initial client contact, scoping, writing contracts, budgeting, fieldwork, writing reports, MDEP NRPA, Corps, Maine LURC, and NHDES permitting, presentations, and meetings. Required to represent work at regulatory meetings, planning board meetings, and client and team meetings. Responsible for mentoring, training and supervising junior scientists. Presentations at technical seminars and workshops.
- 1993 to 1997      Allan Ott, C.S.S., L.S.E., Bar Harbor, ME. Conducted soil site evaluation and septic designs, and soil surveys. Apprentice to 1995, then licensed.
- Summer 1992      University of Maine, Research Assistant, Orono, ME. Supported graduate students in natural resources research.
- Summers 1990/91      Southwestern Environmental Consulting, Sedona, AZ. Timber Cruiser/Wildlife Research Technician. Conducted timber inventory in the Bitterroot National Forest in Montana, and Santa Fe and Cibola National Forests in New Mexico. Conducted spotted owl research in the Kaibob National Forest in Arizona.
- 1989 – 1990      Clean Air Corp., Service Engineering, Champion Intl Paper Mill, Bucksport, ME. Branch Manager, Site Supervisor. Coordinated and supervised long-term asbestos abatement project in industrial environment. Indoor Air Quality Testing certification.
- Summer 1988      Dartmouth College, Hanover, NH. Field technician – red spruce decline study. Sampled forestry plots at over 4,000 ft. on mountains in NY, VT, NH, and ME.

## **Volunteer Activities/Interests:**

- Orrington Boy Scouts. Committee Member, Merit Badge Councilor (2011 to 2018)
- Orrington Cub Scouts. Chair (2009/11), Co-Chair (2008/09)
- Envirothon Volunteer, 2011, 2012, 2013, 2018
- Orrington Planning Board, 1998 to 2000
- Professional Vocalist, 1988 to 2000

## **ATLANTIC RESOURCE CO, LLC**



Atlantic Resource Co, LLC is an environmental and natural resource consulting firm focused on consistently providing the highest level of natural resource consulting services. Our firm strives to provide clients with objective solutions to environmental issues such as regulatory permitting and natural resource evaluations with integrity and dedication to excellence in process and product. The firm is located on Mount Desert Island and serves clients state-wide. The firm has extensive experience with projects ranging from large scale commercial, utility and energy projects to residential and commercial development.

### **QUALIFICATIONS:**

#### ***Roger St. Amand-Principal Scientist***

As Principal Scientist and owner at Atlantic Resource Co (ARC), Roger has over 20 years of experience in the environmental consulting field helping clients complete projects in federal, commercial and institutional development, energy infrastructure, airport and transportation projects. Roger specializes in natural resource assessment, environmental permitting, and soil science with extensive experience in wetland mitigation, vernal pool surveys, erosion control, forest soils, onsite wastewater engineering and Geographical Information Systems (GIS). Roger is a State of Maine Licensed Site Evaluator, Maine Certified Soil Scientist, Maine Licensed Professional Forester, Professional Wetland Scientist, Certified Professional in Erosion and Sediment Control (CPESC).

#### **Education:**

B.S. Forestry/Forest Engineering- University of Maine, Orono,  
A.S. Engineering- Wentworth Institute of Technology, Boston, MA

#### **Licenses/Certifications:**

Maine State Certified Soil Scientist| CSS#471  
Maine Licensed Forester| LF#3523  
Maine Licensed Site Evaluator| LSE#360  
Certified Professional Erosion & Sediment Control| CPESC#5829  
Professional Wetland Scientist| PWS #2659

## **PROFESSIONAL SERVICES**

### **Natural Resource Consulting:**

Wetland and Waterbody Delineation  
Environmental Due Diligence Review  
Significant Wildlife Habitat & Vernal Pool Surveys  
Coastal Habitat Surveys  
Rare, Threatened, and Endangered Species  
Wetland Functional Assessments  
Wetland Restoration Mitigation, Construction,  
and Monitoring

### **Environmental Permitting**

Maine DEP Natural Resources Protection Act  
(NRPA) Permitting  
Maine DEP Site Location of Development Act  
(SLODA)  
Federal Clean Water Act Permitting- Army Corps  
of Engineers (ACOE)  
National Environmental Policy Act (NEPA)  
Permitting  
Coastal Construction-Shoreline Permitting

### **Site Design and Permitting**

Municipal Permitting for Shoreland Development  
Site Planning and Design for Land Development  
Due Diligence Review for Regulatory Compliance

### **Onsite Wastewater Design**

Onsite Wastewater System Design for  
Residential and Commercial Development  
Specialized Systems for Remote / Island Sites  
Preliminary Soil Tests and Site Evaluations  
Alternative Designs and Advanced Treatment  
Systems for Difficult Sites  
Site Plans and Grading Design

### **Soils**

Preliminary Soil Tests for Site Development  
Soil Mapping for Site Planning Design  
High Intensity Soil Surveys  
Erosion Control and Stormwater Management  
Soil Quality Assessment

### **Forest Management:**

Forest Management Plans  
Vegetation Management Plans  
Invasive Species Management  
Timber Inventory  
Shoreland Zoning Compliance  
Harvest Design Layout and Oversight  
Wildlife Habitat Management