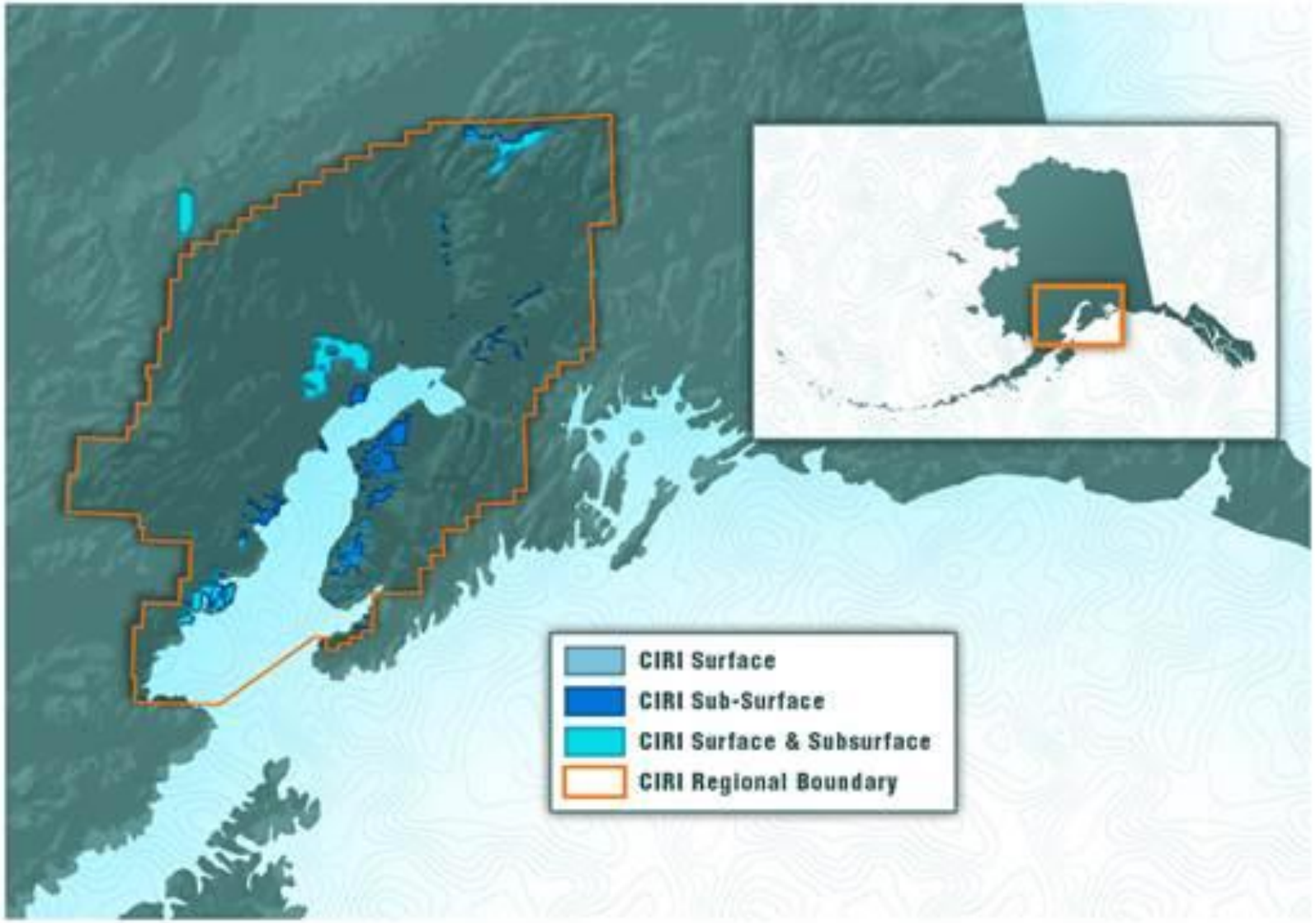
FIRE ISLAND WIND

CIRI Land and Energy Development

CIRI Background



Phase 1

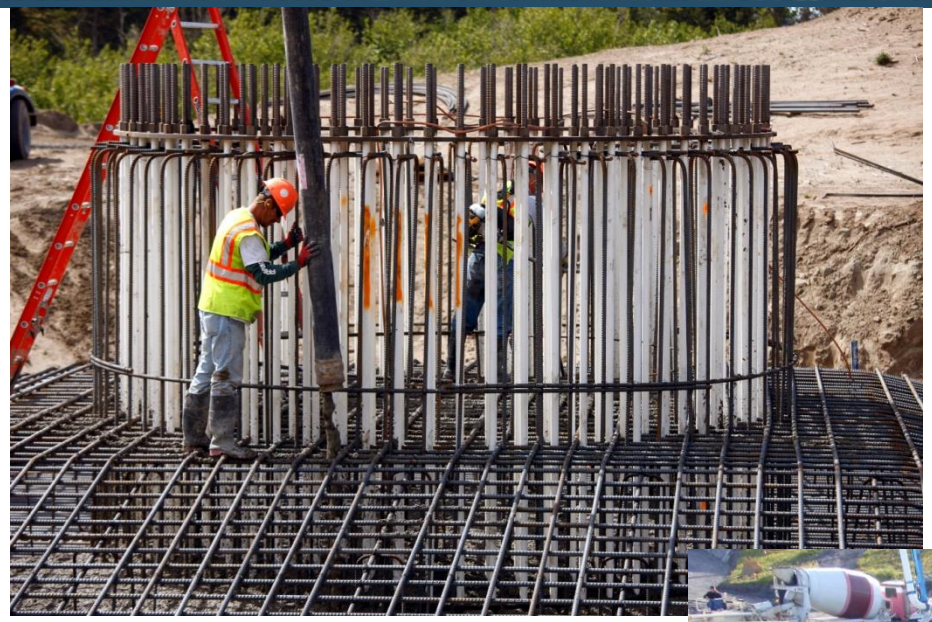
MW	COD	Turbines	PPA
17.6	September 2012	11 GE 1.6 XLE	CEA, 25 Years, $97

Fire Island

Landing Strip and Runway Garages
Race Point
Fire Island
Existing Road
Transmission Line
North Point
Cook Inlet
Anchorage
Switchgear Yard
O&M Yard
West Point
Phase 2, B-String
Met Tower

Barge and Transmission Line

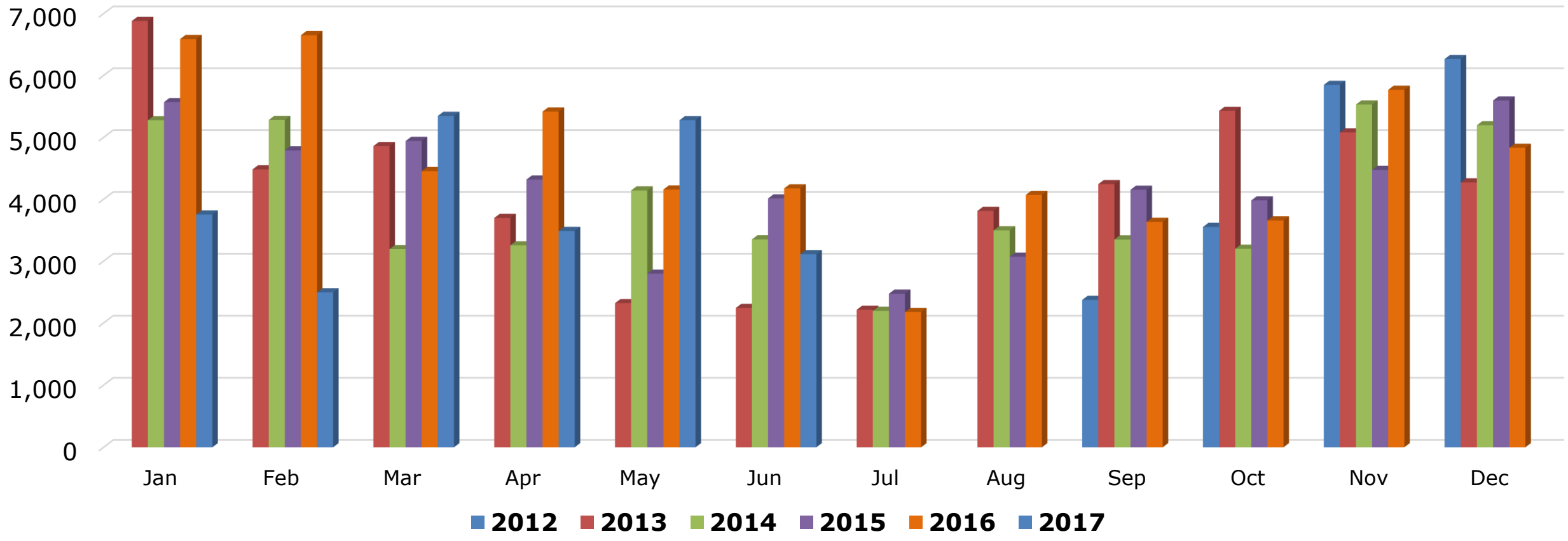
Construction



COAST CRANE

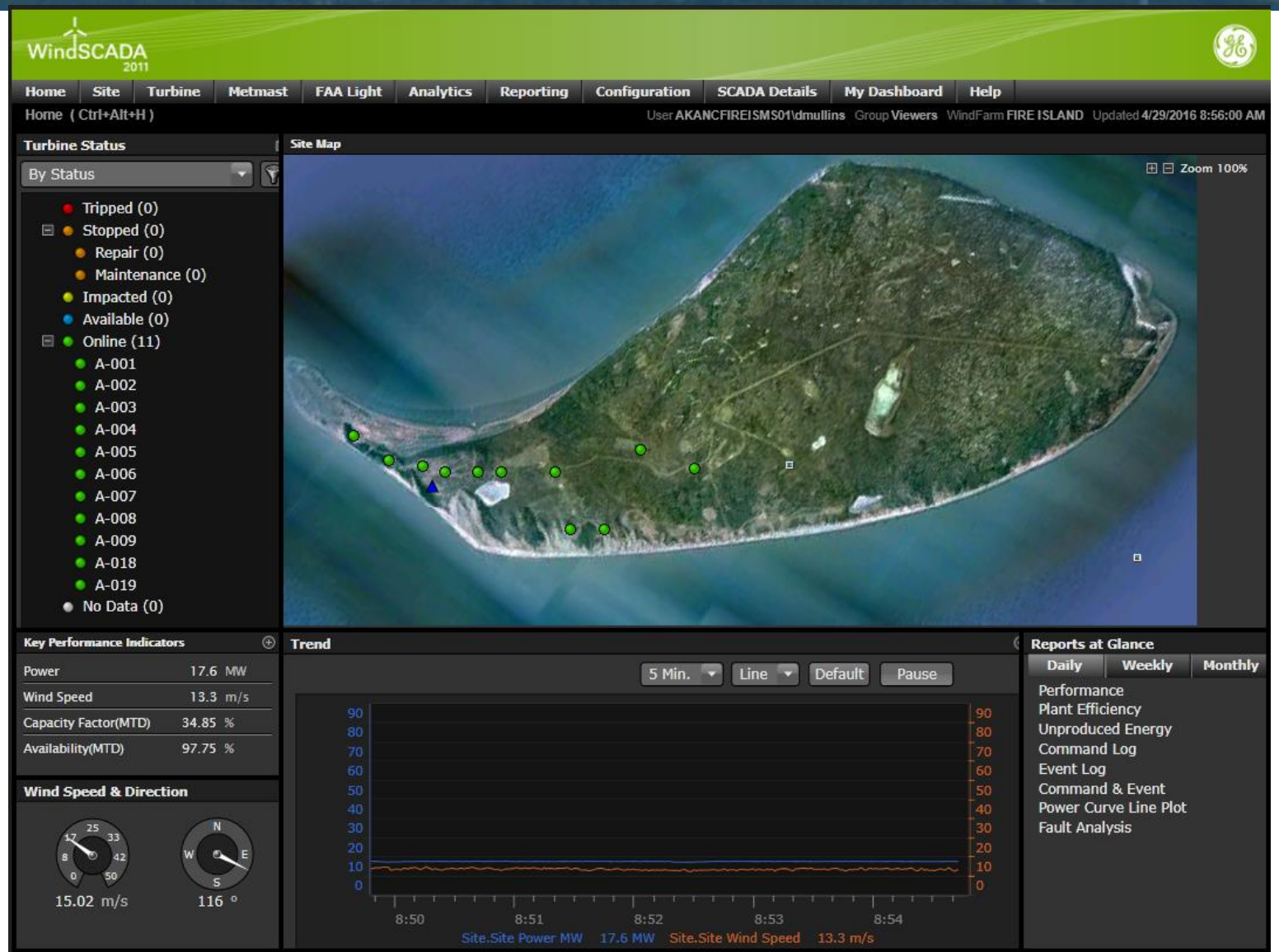
LTD Production

2012	2013	2014	2015	2016	2017 YTD
18,039	49,531	47,466	50,172	55,583	25,395

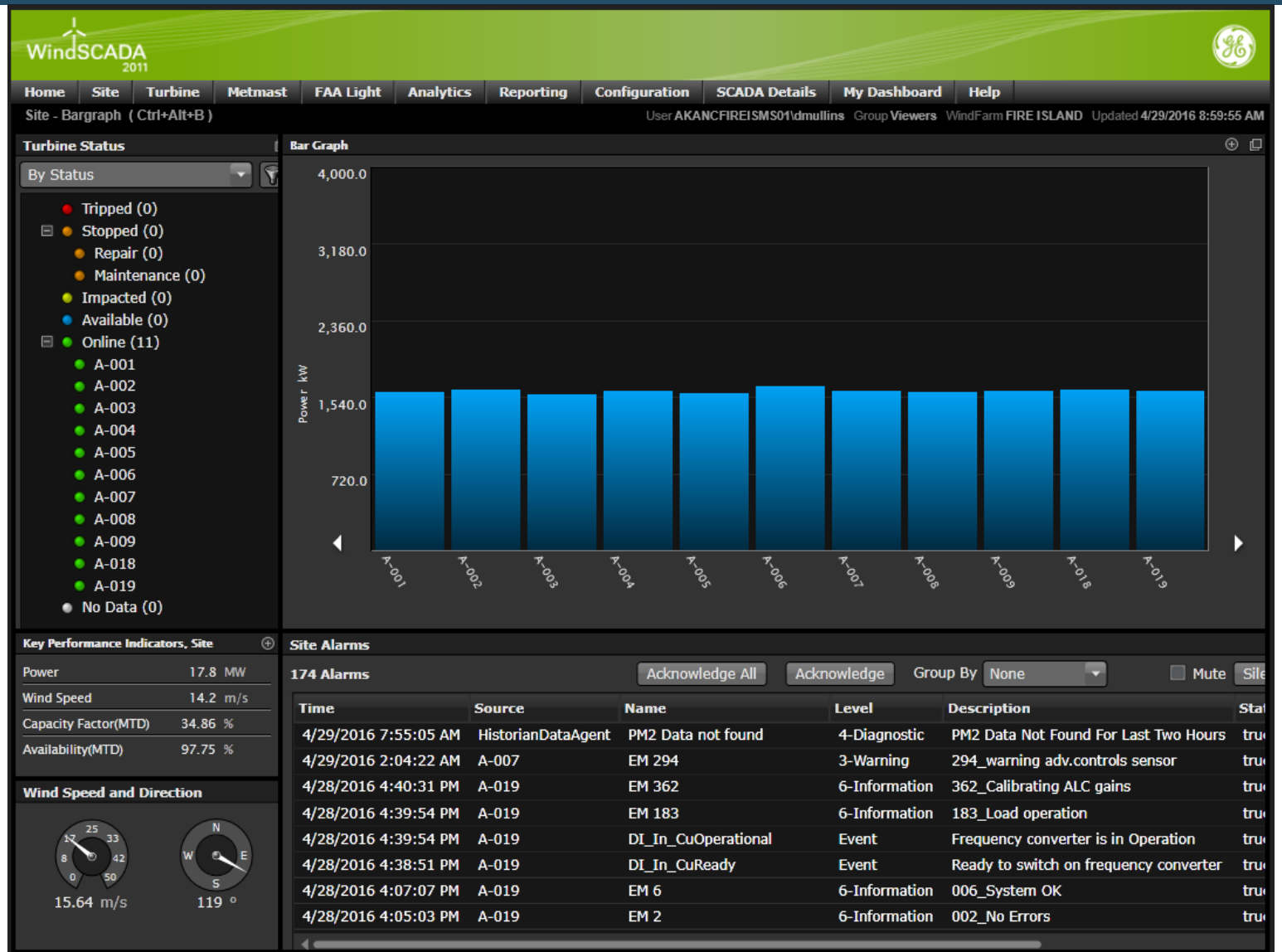


LTD Total: 246,186 MWh

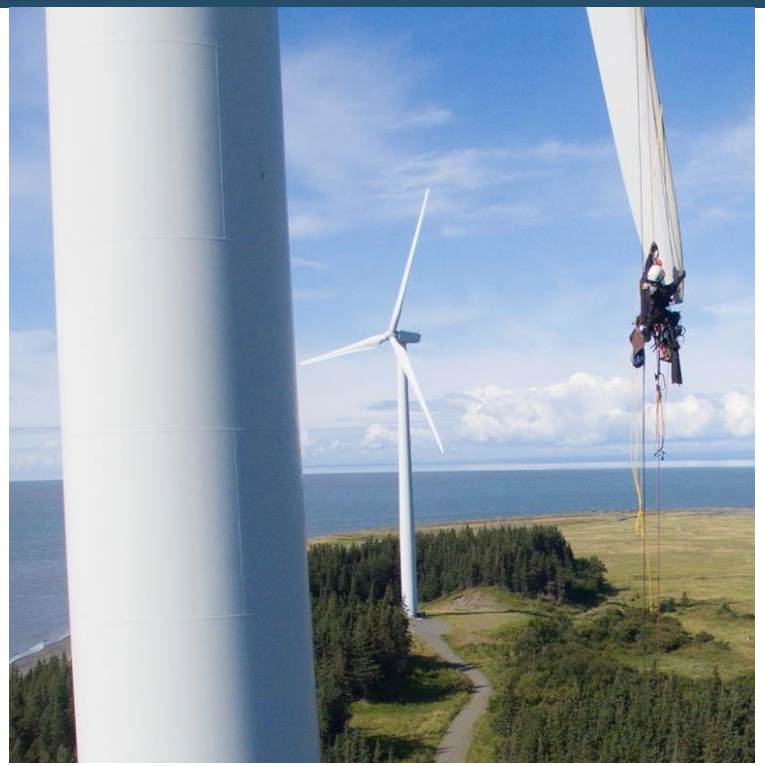
SCADA


WindSCADA 2011
Home
Site
Turbine
Metmast
FAA Light
Analytics
Reporting
Configuration
SCADA Details
My Dashboard
Help
Home (Ctrl+Alt+H)
User AKANCFIREISMS01\dmullins Group Viewers WindFarm FIRE ISLAND Updated 4/29/2016 8:56:00 AM
Turbine Status
By Status
Tripped (0)
Stopped (0)
Repair (0)
Maintenance (0)
Impacted (0)
Available (0)
Online (11)
A-001
A-002
A-003
A-004
A-005
A-006
A-007
A-008
A-009
A-018
A-019
No Data (0)
Site Map
Zoom 100%
Key Performance Indicators
Power 17.6 MW
Wind Speed 13.3 m/s
Capacity Factor(MTD) 34.85 %
Availability(MTD) 97.75 %
Wind Speed & Direction
15.02 m/s
116 °
Trend
5 Min.
Line
Default
Pause
8:50
8:51
8:52
8:53
8:54
Site.Site Power MW 17.6 MW
Site.Site Wind Speed 13.3 m/s
Reports at Glance
Daily
Weekly
Monthly
Performance
Plant Efficiency
Unproduced Energy
Command Log
Event Log
Command & Event
Power Curve Line Plot
Fault Analysis

SCADA


WindSCADA 2011
Home
Site
Turbine
Metmast
FAA Light
Analytics
Reporting
Configuration
SCADA Details
My Dashboard
Help
Site - Bargraph (Ctrl+Alt+B)
User AKANCFIREISMS01\dmullins Group Viewers WindFarm FIRE ISLAND Updated 4/29/2016 8:59:55 AM
Turbine Status
By Status
Tripped (0)
Stopped (0)
Repair (0)
Maintenance (0)
Impacted (0)
Available (0)
Online (11)
A-001
A-002
A-003
A-004
A-005
A-006
A-007
A-008
A-009
A-018
A-019
No Data (0)
Bar Graph
Power kW
4,000.0
3,180.0
2,360.0
1,540.0
720.0
A-001
A-002
A-003
A-004
A-005
A-006
A-007
A-008
A-009
A-018
A-019
Key Performance Indicators, Site
Power 17.8 MW
Wind Speed 14.2 m/s
Capacity Factor(MTD) 34.86 %
Availability(MTD) 97.75 %
Wind Speed and Direction
15.64 m/s
119 °
Site Alarms
174 Alarms
Acknowledge All
Acknowledge
Group By None
Mute
Time Source Name Level Description
4/29/2016 7:55:05 AM HistorianDataAgent PM2 Data not found 4-Diagnostic PM2 Data Not Found For Last Two Hours
4/29/2016 2:04:22 AM A-007 EM 294 3-Warning 294_warning adv.controls sensor
4/28/2016 4:40:31 PM A-019 EM 362 6-Information 362_Calibrating ALC gains
4/28/2016 4:39:54 PM A-019 EM 183 6-Information 183_Load operation
4/28/2016 4:39:54 PM A-019 DI_In_CuOperational Event Frequency converter is in Operation
4/28/2016 4:38:51 PM A-019 DI_In_CuReady Event Ready to switch on frequency converter
4/28/2016 4:07:07 PM A-019 EM 6 6-Information 006_System OK
4/28/2016 4:05:03 PM A-019 EM 2 6-Information 002_No Errors

Operations and Maintenance



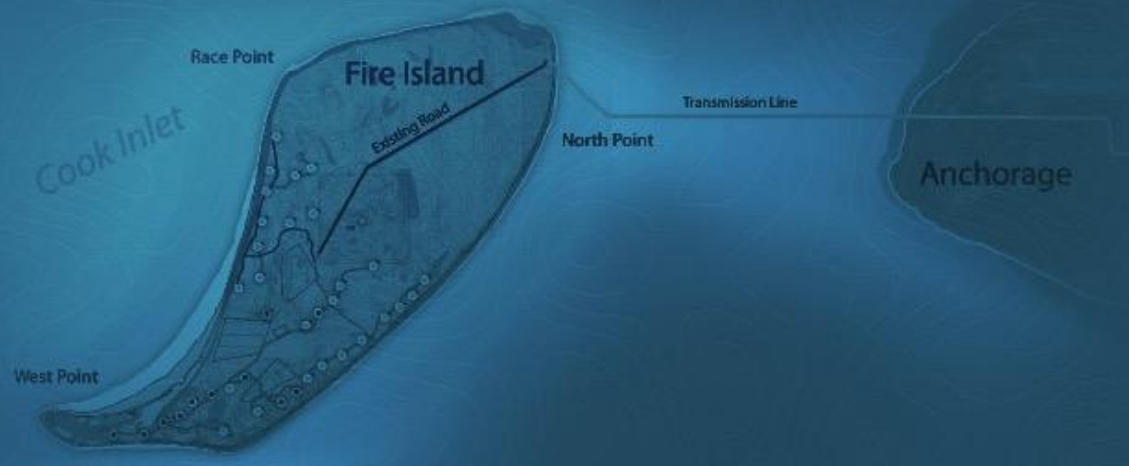
Contact Information

Ethan Schutt

Cook Inlet Region, Inc.

907-263-5180

www.fireislandwind.com

@fireislandwind

www.facebook.com/fireislandwind