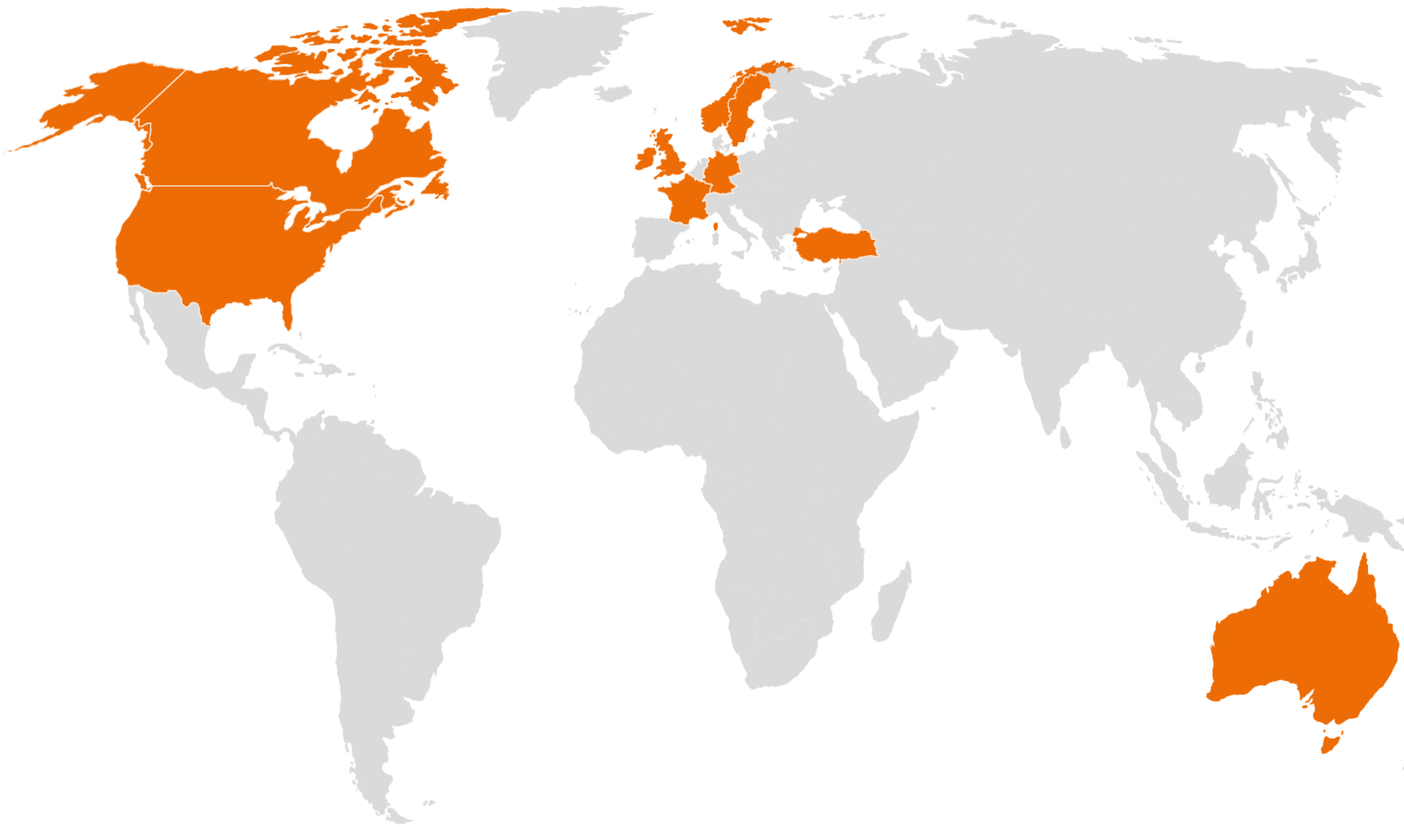
WIND

RES EXPERIENCE

RES is the world's largest independent renewable energy company. At the forefront of the industry for 40 years, RES has delivered more than 23GW of renewable energy projects across the globe and supports an operational asset portfolio exceeding 12GW worldwide for a large client base. RES employs more than 2,000 people and is active in 11 countries working across onshore and offshore wind, solar, energy storage and transmission and distribution.



23 GW PORTFOLIO

40 YEARS OF EXPERIENCE

12 GW ASSETS

WIND

SOLAR

STORAGE

T&D

WIND

COMMUNITY BENEFITS

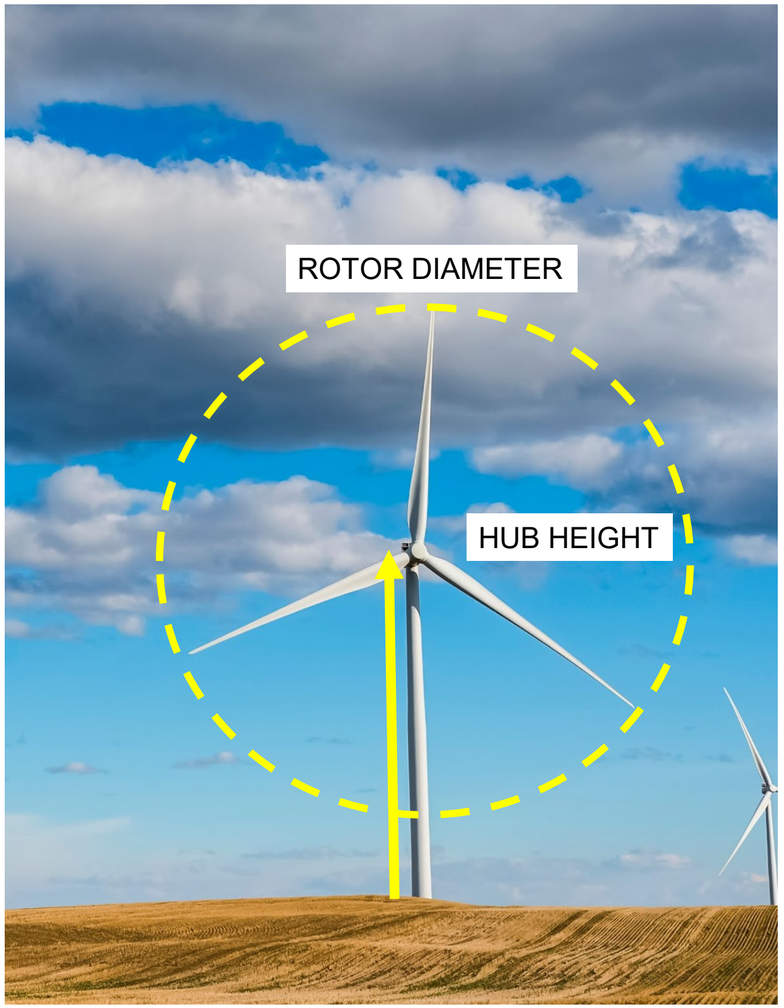
We believe our projects are net positives for the local communities in which we work.

Benefits include:

- ✓ Municipal tax revenues and landowner royalty income throughout the life of the Project
- ✓ Community Benefit Fund: An annual allocation managed by a committee composed of community members, municipality and project owner, to be used toward community projects and initiatives
- ✓ Construction and operations jobs and support services during and after construction of the Project
- ✓ Contract opportunities for local businesses
- ✓ Increased local spending on goods and services during the Project's development, construction, and operational phases

WIND

PROJECT DETAILS



The Project is expected to:

· have a total installed capacity of up to 466 MW

· be built in two phases:

- Phase I: 250 MW / 45 Turbines (expected maximum turbines)
- Phase II : 216 MW / 38 Turbines (expected maximum turbines)

· comprise no more than 83 constructed tower locations while proposing additional turbine locations to account for unforeseen constraints

· have turbines with a generation capacity between 5.7 to 7 MW each

· have all collector lines buried

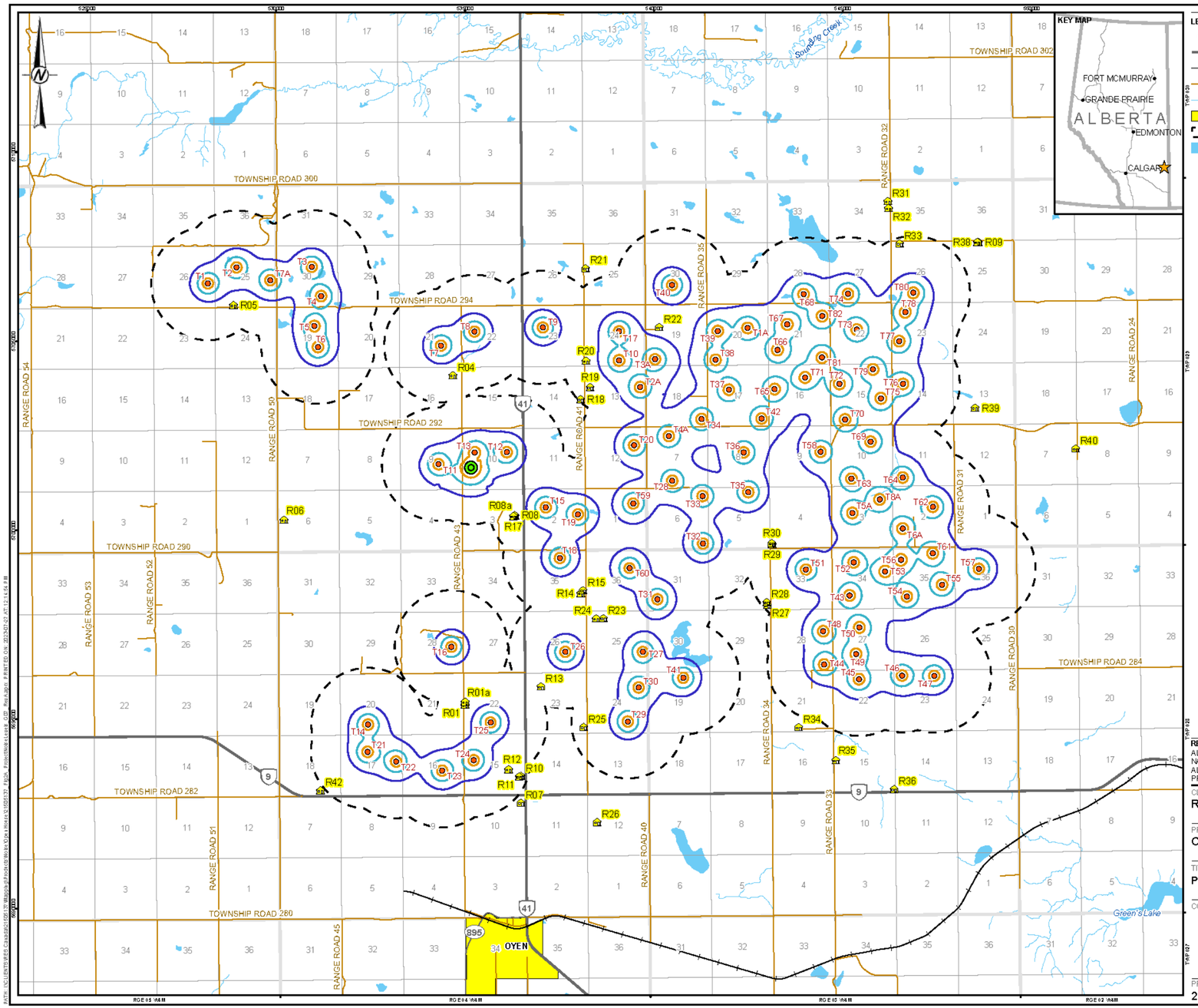
· include a substation, operations and maintenance building and a temporary laydown yard

· include one temporary wind measurement tower, and likely one to two long-term wind measurement towers to assess and monitor wind resource plus additional mid-term wind measurement devices.

**Although Turbine selection has not yet been made, turbine hub height is typically between 95 m to 125 m and blades can measure up to 85 m long*

WIND

NOISE CONTOUR MAP



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PROJECTED COORDINATE SYSTEM: NAD 1983 UTM ZONE 12N

CLIENT
RENEWABLE ENERGY SYSTEMS CANADA INC.

PROJECT
OYEN WIND POWER PROJECT

TITLE
PROJECT NOISE LEVELS

CONSULTANT

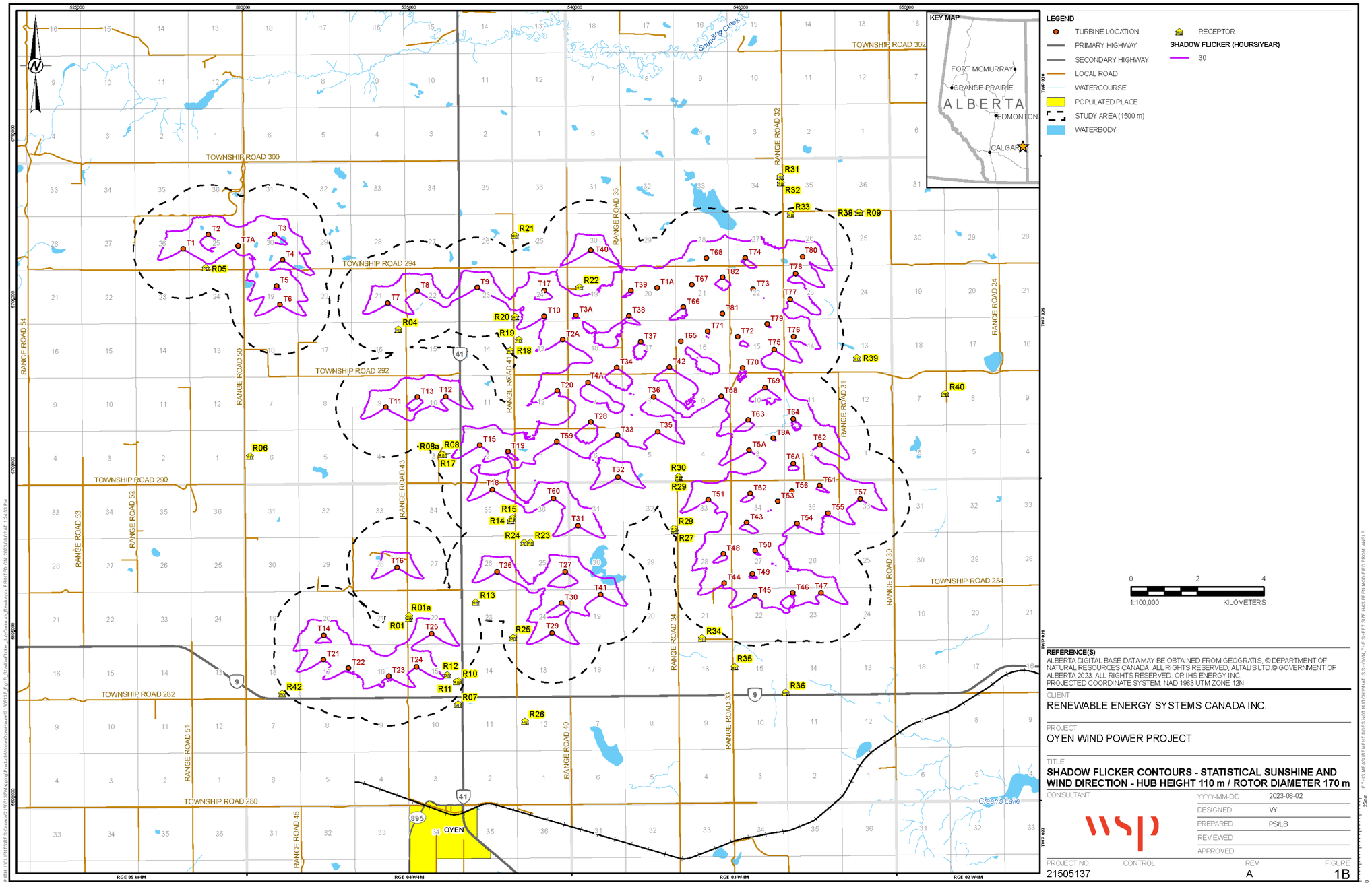
YYYY-MM-DD	2023-07-27
DESIGNED	VY
PREPARED	SP
REVIEWED	
APPROVED	

PROJECT NO.	CONTROL	REV.	FIGURE
21505137		A	2A

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

WIND

SHADOW FLICKER CONTOUR MAP



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PROJECTED COORDINATE SYSTEM: NAD 1983 UTM ZONE 12N

CLIENT
RENEWABLE ENERGY SYSTEMS CANADA INC.

PROJECT
OYEN WIND POWER PROJECT

TITLE
SHADOW FLICKER CONTOURS - STATISTICAL SUNSHINE AND WIND DIRECTION - HUB HEIGHT 110 m / ROTOR DIAMETER 170 m

CONSULTANT		
	YYYY-MM-DD	2023-08-02
	DESIGNED	VY
	PREPARED	PS/LB
	REVIEWED	
	APPROVED	

PROJECT NO.	CONTROL	REV.	FIGURE
21505137		A	1B

IF THIS MEASUREMENT DOES NOT MATCH WHAT IS SHOWN, THE SHEET SIZE HAS BEEN MODIFIED FROM: ANSI B

OYEN WIND POWER PROJECT
PRELIMINARY PROJECT LAYOUT

530000 540000 550000

5710000 5700000 5690000

Township Road 300
Township Road 295
Township Road 294
Township Road 292
Township Road 290
Township Road 284
Township Road 282

41 Highway
9 Highway

Range Road 40
Range Road 35
Range Road 33
Range Road 32
Range Road 31
Range Road 30
Range Road 25
Range Road 24
Range Road 53
Range Road 52
Range Road 51
Range Road 50
Range Road 45
Range Road 44
Range Road 43
Range Road 41
Range Road 34

T1 T2 T3 T4 T5 T6 T7 T8 T9 T10 T11 T12 T13 T14 T15 T16 T17 T18 T19 T20 T21 T22 T23 T24 T25 T26 T27 T28 T29 T30 T31 T32 T33 T34 T35 T36 T37 T38 T39 T40 T41 T42 T43 T44 T45 T46 T47 T48 T49 T50 T51 T52 T53 T54 T55 T56 T57 T58 T59 T60 T61 T62 T63 T64 T65 T66 T67 T68 T69 T70 T71 T72 T73 T74 T75 T76 T77 T78 T79 T80 T81 T82 T83 T84 T85 T86 T87 T88 T89 T90

Excel
Oyen

Subject to change in response to community feedback

LEGEND

- Proposed Project Area
- Project Lands
- QS within 800m Buffer
- QS within 1500m Buffer
- Consultation Area 800m Buffer
- Notification Area 1,500m Buffer
- Turbine Layout
- Proposed Collector System
- Proposed Access Road
- Project Substation SW 10-29-04-W4M
- Temporary Laydown Yard SE 30-29-03-W4M
- 138 kV Line
- 240 kV Line
- Roads
- Highway
- River & Stream
- Waterbody
- Railway
- Town
- Oyen Municipal Airport

Absolute Scale
1:95,000

Coordinate System:
NAD 1983 UTM Zone 12N

0 2 4 Km

RENEWABLE ENERGY SYSTEMS CANADA INC.
5605 avenue de Gaspé, Suite 508
Montreal, QC, H2T 2A4

Data Sources:
CanVec12, Altalis, ArcGIS Online
Date: June 2023

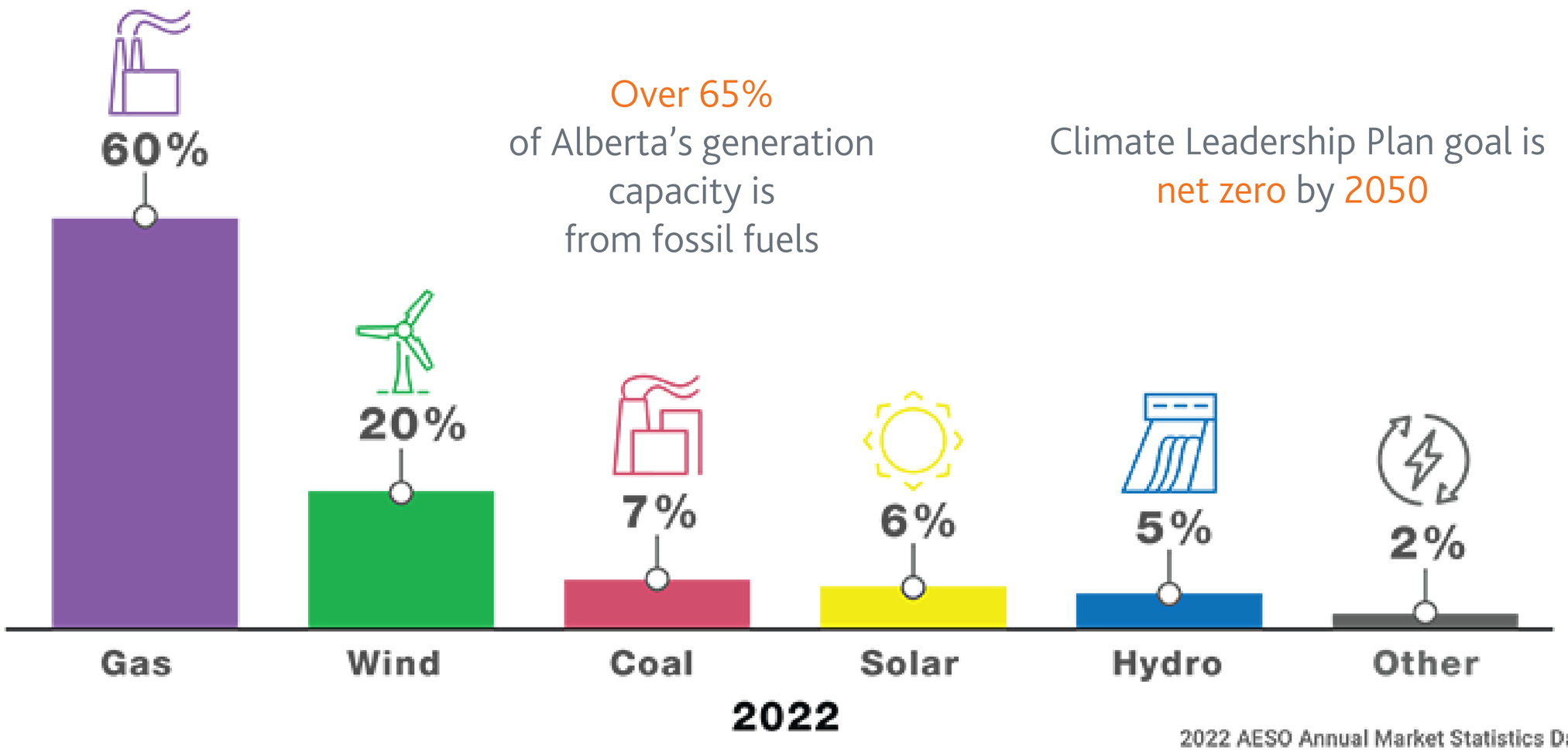
WIND

ALBERTA'S CURRENT ENERGY MIX

Installed Year-End Capacity by Fuel Source

Over 65%
of Alberta's generation capacity is from fossil fuels

Climate Leadership Plan goal is net zero by 2050



2022 AESO Annual Market Statistics Datafile

WIND

PROJECT TIMELINE

2022	Environmental studies conducted
Q3 2022	Participant Involvement Program (PIP) initiated
Q4 2022	First Public Open House
Q1 2023	Environmental assessment submitted to Alberta Environment and Parks (AEP)
Q4 2023	Second Public Open House
Q4 2023	Anticipated response from AEP
Q1 2024	Submit to Alberta Utilities Commission (AUC)
Q4 2024	Anticipated approval from the AUC
Q2 2025	Construction begins
Q4 2026	Phase 1 Target Commercial Operations Date
Q4 2027	Phase 2 Target Commercial Operations Date

Now

WIND

STUDIES

RES is conducting wildlife surveys. The Environmental Evaluation has been prepared and will need to receive final sign off from Alberta Environment and Parks (AEP).

UNDERWAY

Wildlife: birds, bats, and amphibians

Wetlands: mapping and classification

Vegetation: habitat mapping and soil surveys

Historical Resources: archaeological and cultural

COMPLETED

Noise: Initial impact assessment

Shadow Flicker: assessment

Geotechnical: Preliminary Investigation

WIND

RES IN YOUR COMMUNITY

RES seeks to be a good corporate citizen in the community and typically supports various fundraising events and special initiatives that benefit the local community

Examples of activities or organisations RES has supported:

Economic development
Local charities
Local sports teams
Local rodeos
Community fundraisers
Museums and librairies
Agricultural associations
...and many more!

DO YOU HAVE AN IDEA OF WAYS WE CAN SUPPORT YOUR COMMUNITY?
LET US KNOW!