

Maximum Daily Duration of Yellow Glare

Potential for "after image"

Residences

All Residences

No Glare

Roads

HWY 885

Less than 1 hr

RR 92

Less than 1 hr

RR 94

Less than 1 hr

TWP 90

1 - 2 hr

Intersections

RR 94/TWP 90

Less than 1 hr

Other Intersections

No Glare

Values are modelled conservatively and occur seasonally

See Solar Glare Report for full details

No Red Glare identified in project area

Township 9

Township 9

Township 8

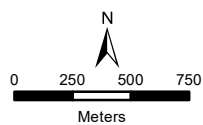
Township 8

Forty Mile Solar Power Project Glare and Noise

Date Created: 07/12/2021

Reference Scale: 1:32,500

Coordinate System: NAD 83 UTM Zone 12N



Legend

- Suncor Turbine
- ▲ Capital Power Turbine
- Solar Power Inverter
- 🏠 Residence
- Intersection
- Approved Granlea Wind Substation (1024S)
- Substation Expansion (Solar)
- Approved Granlea Operations & Maintenance Building
- Existing Granlea Temporary Laydown Yard
- Approved Transmission Line (964AL)
- Existing 240kV Transmission Line (964L)
- Interconnection Point
- Project Boundary
- Nighttime Cumulative Compliance Noise Contour (40dB @ 1.5m)
- Solar Modules
- Project Fenced Area
- County Road
- Highway

Maximum Daily Hours of Yellow Glare on Roads

- <1
- 1-2
- 2-3



Notes
1. All mapped features are approximate and should be used for discussion purposes only.

Sources
-Base Data: Government of Alberta
-Basemap: ESRI World Imagery
-Inset Map: ESRI World Topographic Map