

# Maximum Daily Duration of Yellow Glare

Potential for "after image"

## Residences

All Residences	No Glare
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## 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

Range 9

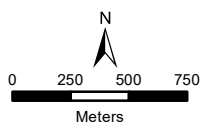
Range 8

**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

### Forty Mile Solar Power Project Glare and Noise

Date Created: 08/16/2021  
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

