PAGERPOWER
Urban & Renewables

Results Note for Updated Layout

Aviva Life & Pensions UK Limited

Atlas Business Park

September 2026

PLANNING SOLUTIONS FOR:

- Solar
- Telecoms
- Railways
- Defence
- Buildings
- Wind
- Airports
- Radar
- Mitigation

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RESULTS NOTE FOR UPDATED LAYOUT

Introduction

Pager Power has assessed the latest layout for the Atlas Business Park, which includes updated building footprints compared to those previously assessed.

The updated footprints have been taken from 'SK1067-P04-PV.pdf', provided to Pager Power on the 08 September 2026.

Results

The results of the modelling show that no solar reflections from the facades or rooftop / solar panels are geometrically possible towards the two-mile approaches, 10 nautical mile approaches, ATC Tower or runways.

Therefore, the conclusions of the glint and glare assessment remain accurate.

The modelling output is presented in Appendix A.

APPENDIX A – MODELLING OUTPUT

ATC Tower and 2-Mile Approaches

Created Sep 10, 2026
Updated Sep 10, 2026
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 187518.16564

Project type Advanced
Project status: active
Category 1 MW to 5 MW
Min luminance threshold 0 cd/m²



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

Min luminance threshold: **0 cd/m²**

Summary of Results No glare predicted!

ForgeSolar Radiometric Physics Engine 3.2.1

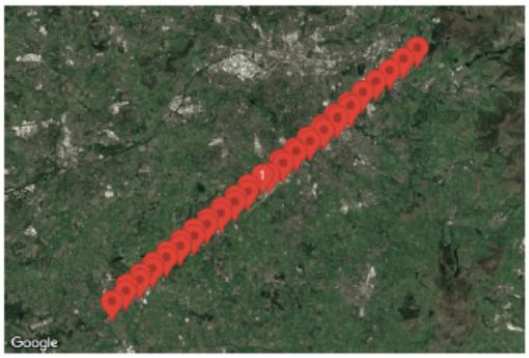
PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Peak Luminance
	deg	deg	min	min	kWh	cd/m²
Unit 1 Roof and PV	10.0	289.5	0	0	-	0.0e+00
Unit 2 and 3 Roof and PV	14.0	296.0	0	0	-	0.0e+00
Unit 4 Roof and PV	14.0	288.0	0	0	-	0.0e+00
Unit 5 Roof and PV	10.0	289.5	0	0	-	0.0e+00
Unit 6 Roof and PV	10.0	298.5	0	0	-	0.0e+00
Unit 7 Roof and PV	10.0	298.5	0	0	-	0.0e+00

Vertical Surface	"Green" Glare	"Yellow" Glare	Peak Luminance
	min	min	cd/m²
Unit 1	0	0	0
Unit 2 and 3	0	0	0
Unit 4	0	0	0
Unit 5	0	0	0
Unit 6	0	0	0
Unit 7	0	0	0

10NM Approaches and Departures

Created Feb 02, 2026
Updated Sep 10, 2026
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 169956.16564

Project type Advanced
Project status: active
Category 1 MW to 5 MW
Min luminance threshold 0 cd/m²



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

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Unit 2 and 3 Roof and PV	14.0	296.0	0	0	-	0.0e+00
Unit 4 Roof and PV	14.0	288.0	0	0	-	0.0e+00
Unit 5 Roof and PV	10.0	289.5	0	0	-	0.0e+00
Unit 6 Roof and PV	10.0	298.5	0	0	-	0.0e+00
Unit 7 Roof and PV	10.0	298.5	0	0	-	0.0e+00

Vertical Surface	"Green" Glare	"Yellow" Glare	Peak Luminance
	min	min	cd/m²
Unit 1	0	0	0
Unit 2 and 3	0	0	0
Unit 4	0	0	0
Unit 5	0	0	0
Unit 6	0	0	0
Unit 7	0	0	0

Created Sep 10, 2026
Updated Sep 10, 2026
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 187516.16564

Project type Advanced
Project status: active
Category 1 MW to 5 MW
Min luminance threshold 0 cd/m²



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

Min luminance threshold: **0 cd/m²**

Summary of Results No glare predicted!

ForgeSolar Radiometric Physics Engine 3.2.1

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Unit 4 Roof and PV	14.0	288.0	0	0	-	0.0e+00
Unit 5 Roof and PV	10.0	289.5	0	0	-	0.0e+00
Unit 6 Roof and PV	10.0	298.5	0	0	-	0.0e+00
Unit 7 Roof and PV	10.0	298.5	0	0	-	0.0e+00

Vertical Surface	"Green" Glare	"Yellow" Glare	Peak Luminance
	min	min	cd/m²
Unit 1	0	0	0
Unit 2 and 3	0	0	0
Unit 4	0	0	0
Unit 5	0	0	0
Unit 6	0	0	0
Unit 7	0	0	0

Cockpit

Created Sep 10, 2026
Updated Sep 10, 2026
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 187517.16564

Project type Advanced
Project status: active
Category 1 MW to 5 MW
Min luminance threshold 0 cd/m²



Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
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Unit 5 Roof and PV	10.0	289.5	0	0	-	0.0e+00
Unit 6 Roof and PV	10.0	298.5	0	0	-	0.0e+00
Unit 7 Roof and PV	10.0	298.5	0	0	-	0.0e+00

Vertical Surface	"Green" Glare	"Yellow" Glare	Peak Luminance
	min	min	cd/m²
Unit 1	0	0	0
Unit 2 and 3	0	0	0
Unit 4	0	0	0
Unit 5	0	0	0
Unit 6	0	0	0
Unit 7	0	0	0

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