



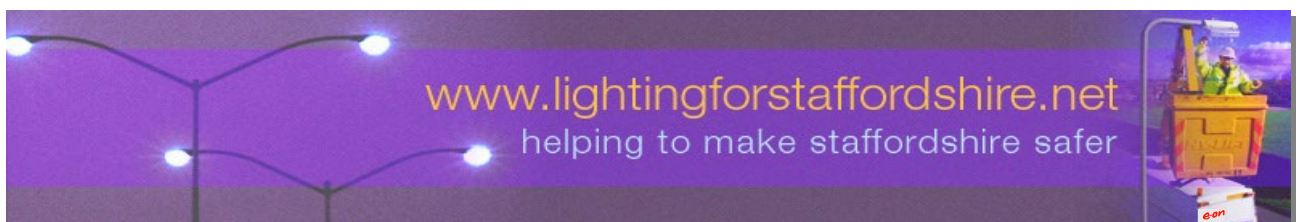
**Energy Solutions Limited**

**HIGHWAY LIGHTING**

**STAFFORDSHIRE PFI**

**SERVICE PROVIDERS' PROGRESS REPORT**

**No.245 Period Ending 30<sup>th</sup> September 2023**



## **1.0 EXECUTIVE SUMMARY**

### **1.1 General Overview**

The contract continues to progress in line with contract requirements.

### **1.2 Safety/Environmental**

There were no Health and Safety / Environmental incidents reported during the period.

Due to the way that fuel data is collected and collated by our supply chain, CO<sup>2</sup> data is declared one month in arrears.

The emissions from vehicle and plant fuel use during the August 2023 period resulted in 14.46 tonnes of CO<sup>2</sup>, which equates to an 7% decrease from the same period last year. The year-end total impact of CO<sup>2</sup> emissions from vehicles and plant will be measured against the previous years and reconciled for operational factors such as geographical work areas.

### **1.3 Asset Replacement**

The installation teams delivered 317 points to certification in the period. The previous points deficit from AARP Block 3 was rolled into the requirements for AARP Block 4, and the cumulative delivery against the rolling target for AARP Block 4 is now 29 points ahead programme.

Weekly planning meetings are taking place in order to ensure the most efficient use of available resources.

### **1.4 Maintenance**

The percentage of lights lit (PS2) across the period was 99.51% which is measured against a 98% target.

For the reporting period a total of 888 fault repairs (excluding emergency call-outs) were completed which represents a 25% decrease from the same period last year.

A total of 55 emergency call-outs were attended to, which represents a 31% increase from the same period last year.

Proactive maintenance to clean and change lamps continues in line with contract requirements.

## **1.5 Performance Standard Deductions**

Nineteen performance deductions were applied in the month due to data entries being completed late. Further details are available at section 7.7

## **1.6 Contract Modernisation**

The process of implementing the various elements of modernisation is continuing in line with the programme as follows:

- a) Maintenance regime standards of service – the reduction in visits for maintenance regimes and night patrols have been implemented and the savings applied to the Authority.
- b) Cyclic Maintenance Realignment – the process of ensuring all assets will not exceed the application of the new regimes through early/secondary testing and lamp replacement has been completed. All savings are applied in a) above.
- c) Asset Renewal Programme – as part of the day to day activities of designed asset renewal scheme replacement, the use of modern efficient technologies can create energy saving. The Authority shares in these savings via reductions in energy consumption.
- d) Asset Renewal Dimming – in addition to c) above the new designs where required include an agreed part night dimming regime. Elexon Codes have been awarded against each regime and all savings can be declared within the overall energy declaration. The Authority shares in these savings via reductions in energy consumption.
- e) Retro fit Dimming – The programme of schemes to complete 15,000 assets before December 2015 is now complete. The savings were passed back to the Authority via reductions in energy consumption on a share basis until the initial cost of installation was recovered by the Service Provider, which occurred in February 2020. The full savings are now provided to the Authority.

## 1.7 Contract Modernisation Savings

The adjustments to the standards of service completed as part of the Contract Modernisation generate savings to the authority across the different aspects. The total cumulative savings against each of the headings provided in 1.6 above are as follows:

a) Maintenance Regime Standards of Service	£2,861,264.24
b) Cyclic Maintenance Realignment	Incl in a) above
c) Asset Renewal High efficiency Lanterns	3,397,967kWh/annum
d) Asset Renewal Dimming	778,407 kWh/annum
e) Retro Fit Dimming	3,829,314 kWh/annum

The cumulative reductions in energy consumption will generate an equivalent annual Carbon (CO<sup>2</sup>) saving of 1,690 tonnes.

*Note: Calculation rate used is based on 2022 Government conversion factors for Scope 2 generated UK Electricity plus Transmission and Distribution factors.*

## 1.8 Invest to Save

During the period 1,967 LED lanterns were installed, which generated an energy saving of 398,893 kWh as part of the Invest to Save programme.

The overall energy saving to date for the I2S project is 7,373,363 kWh which equates to an equivalent Carbon (CO<sup>2</sup>) saving of 1,637 tonnes to date.

## 2.0 HEALTH & SAFETY, QUALITY & ENVIRONMENTAL

### 2.1 Introduction

E.ON Energy Solutions Limited are acting as Principal Contractor for the purposes of the CDM Regulations.

### 2.2 Accidents and Incidents

There were no accidents or incidents reported during the period directly related to the project.

Near miss and hazard reporting offers an excellent opportunity to review and consider events which under other circumstances could have resulted in an accident or incident. All near miss and hazard data is catalogued and reviewed as a means of continuous improvement for our business's Health and Safety.

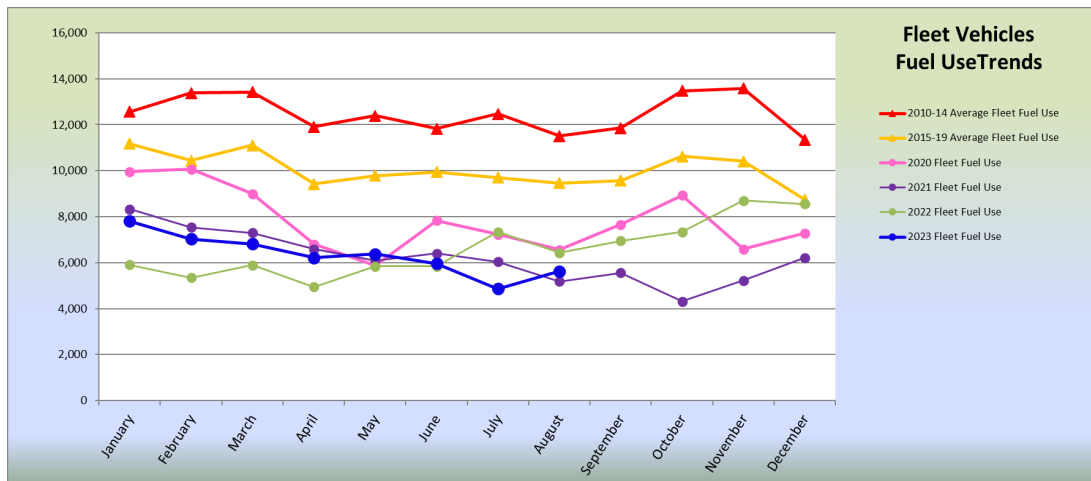
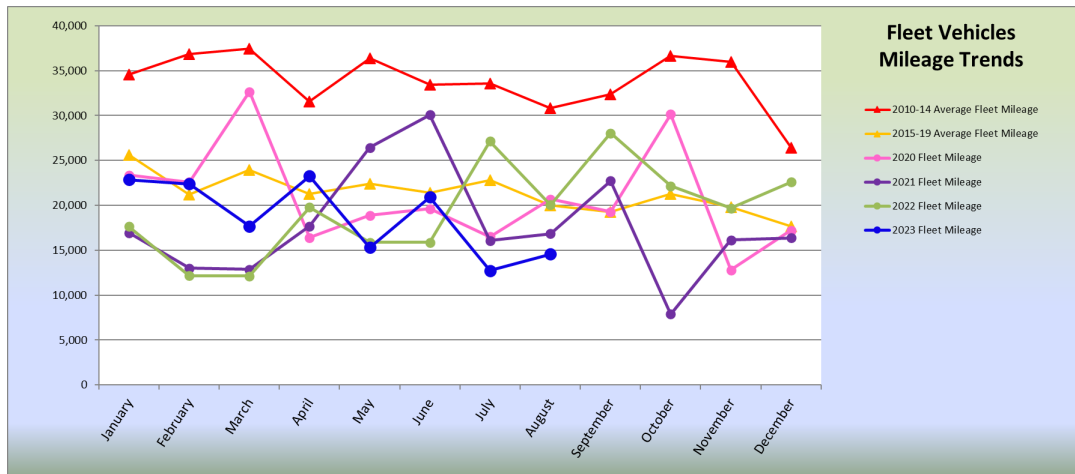
### 2.3 Environmental Impact

There were no environmental incidents reported within the period for the Staffordshire PFI project.

As part of the wider issues and concerns regarding the environment; the business seeks to measure its carbon footprint in respect of building emissions and vehicle emissions in order to pursue ways of reducing or mitigating the effects. The following data details the fuel consumption, mileage and CO<sub>2</sub> emissions for fleet used within the Staffordshire PFI business. The graphs plot fuel usage and mileage separately and can be reviewed against the same periods for previous years.

The following graphs indicate the 2023 year.

2023	Commercial Vehicle Emissions	January	February	March	April	May	June	July	August	September	October	November	December	Total YTD
<b>Fleet</b>	Number of Vehicles	43	43	43	43	43	43	43	43					43
	Mileage	22,847	22,409	17,688	23,263	15,303	20,908	12,735	14,581					149,734
	Diesel (Litres)	7,803	7,029	6,819	6,209	6,370	5,965	4,866	5,625					50,686
	Petrol (Litres)	0	0	0	0	0	0	0	0					0
	CO <sub>2</sub> (Tonnes)	19.96	17.98	17.44	15.88	16.29	15.26	12.22	14.13	0.00	0.00	0.00	0.00	129.17
<b>Plant</b>	Diesel (Litres)	0	0	0	0	0	0	0	0					0
	Petrol (Litres)	152	283	229	216	241	214	18.08	156					1,509
	CO <sub>2</sub> (Tonnes)	0.33	0.61	0.50	0.47	0.52	0.46	0.04	0.33	0.00	0.00	0.00	0.00	3.25
<b>Total</b>	CO <sub>2</sub> (Tonnes)	20.29	18.59	17.94	16.35	16.81	15.72	12.26	14.46	0.00	0.00	0.00	0.00	132.42



### **3.0 PROGRESS REPORT: ASSET REPLACEMENT**

#### **3.1 Introduction**

Asset replacement work delivered 317 points in total for the period. The cumulative deliver against the rolling target for AARP Block 4 is now 29 points ahead of programme.

All of these points have been delivered from AARP schemes and one stops. The project has now moved in the final 5 year phase for asset renewal delivery, the programme (AARP Block 4) has a new monthly target of 402 points (average) to deliver. The points deficit accrued against the failure to complete the AARP Block 3 target rolled into the new block target and points were allocated against the deficit before being allocated to the new target. The deficit has now been recovered.

Since commencement of the project, the demand in road space through other infrastructure and utility delivery projects has increased considerably. The progressive increases on regulation, noticing, authorisations and permissions impact primary administrative duties extending planning and pre-construction activities which in turn impacts the ability to be flexible and reactive to certain events.

In parallel with this is the increase in material procurement and delivery periods from all key manufacturers within the industry, which has impacted on lead times and the reactive ability of some works.

The combined factors have increased the variations in delivering the construction elements of the project such that minor events continue to delay scheme completion significantly in some cases and prolong recovery.

The cumulative delivery of points for the asset renewal schemes can be seen in Appendix 3 for the 5 year period.

#### **3.2 Designs & Work in Progress**

Design production for the AARP generally continues as required to meet the operational planned targets and the extended lantern delivery periods. Regular meetings are in place for the Design and County Engineers to discuss and agree best practice and application of standards where necessary for unique schemes and general day to day issues arising.

### **3.3 Asset Replacement Detailed Summary.**

#### **3.3.1 IARP Deferred Schemes.**

All Category A and C schemes contained within the August 2008 Deed of Variation have been successfully completed.

The Category B scheme assets cannot be delivered due to significant engineering restrictions on the Horninglow Street bridge section precluding any possible column erection. The adjacent footbridge may be scheduled for replacement in future periods which should permit engineering solutions to be incorporated to replace these 3 assets. In the interim, the lanterns on the footbridge have been replaced and do provide a degree of lighting onto the highway.



### 3.3.2 AARP Defined Schemes

The following table details the breakdown of AARP schemes completed within the month. These were supplemented by one-stop work to equal the total points claimed.

Street Name	Parish Name	Area	Units	Points
CHURCH ROAD ALREWAS Alrewas - Lichfield	Alrewas - Lichfield	EAST	2	6
LINDISFARNE TAMWORTH Glascote - Tamworth	Glascote - Tamworth	EAST	1	3
HOPWAS HILL HOPWAS Wiggington - Lichfield	Wiggington - Lichfield	EAST	1	0
STATION ROAD BARLASTON Barlaston - Stone	Barlaston - Stone	NORTH	1	0
DUKE STREET BIDDULPH Biddulph Town - Moorlands	Biddulph Town A - Moorlands	NORTH	1	0
THAMES DRIVE BIDDULPH Biddulph Town - Moorlands	Biddulph Town A - Moorlands	NORTH	1	3
THAMES DRIVE BIDDULPH Biddulph Town - Moorlands	Biddulph Town A - Moorlands	NORTH	7	21
THE GREEN CHEADLE Cheadle Town - Moorlands	Cheadle Town B - Moorlands	NORTH	1	4
DRAYCOTT ROAD UPPER TEAN Checkley - Moorlands	Checkley - Moorlands	NORTH	1	4
ARMSHEAD ROAD WERRINGTON Cheddleton - Moorlands	Cheddleton - Moorlands	NORTH	1	3
ELIZABETH DRIVE CHESTERTON Chesterton - Newcastle	Chesterton - Newcastle	NORTH	1	3
CRESSWELL LANE DRAYCOTT Draycott - Moorlands	Draycott - Moorlands	NORTH	1	0
TILEWRIGHT CLOSE KIDSGROVE Kidsgrove - Newcastle	Kidsgrove - Newcastle	NORTH	1	3
BROOKLANDS WAY LEEK Leek Town - Moorlands	Leek Town B - Moorlands	NORTH	1	3
MOORLAND ROAD LEEK Leek Town - Moorlands	Leek Town B - Moorlands	NORTH	4	12
LINDOPS LANE MADELEY Madeley - Stone	Madeley - Stone	NORTH	1	3
HEMSBY WAY SEABRIDGE Seabridge - Newcastle	Seabridge - Newcastle	NORTH	1	3
RUTHERFORD AVENUE SEABRIDGE Seabridge - Newcastle	Seabridge - Newcastle	NORTH	7	21
DARLASTON - FILLYBROOKS STONE Stone Rural - Stone	Stone Rural - Stone	NORTH	1	4
BEACON ROAD STONE Stone Town Council - Stone	Stone Town Council B - Stone	NORTH	1	3
NEWCASTLE ROAD A34 (TALKE) Talke - Newcastle	Talke - Newcastle	NORTH	2	8
FROGHALL NEWCASTLE Town Ward - Newcastle	Town Ward - Newcastle	NORTH	1	3
BEACONSIDE CLOSE STAFFORD Beaconside - Stafford	Beaconside - Stafford	SOUTH	1	3
SOMERFORD CLOSE COVEN Brewood - Perton	Brewood - Perton	SOUTH	1	0
BELT ROAD HEDNESFORD Chadsmoor - Cannock	Chadsmoor - Cannock	SOUTH	32	106
BILBERRY BANK CANNOCK Chadsmoor - Cannock	Chadsmoor - Cannock	SOUTH	13	28
JAMES STREET CANNOCK Chadsmoor - Cannock	Chadsmoor - Cannock	SOUTH	5	13
MELCHESTER WALK CANNOCK Chadsmoor - Cannock	Chadsmoor - Cannock	SOUTH	1	3
JENNIE LEE WAY RUGELEY Etchinghill - Cannock	Etchinghill - Cannock	SOUTH	1	3
TRENTHAM CLOSE HEATH HAYES Hawks Green - Cannock	Hawks Green - Cannock	SOUTH	1	3
HARMONY GREEN STAFFORD Highfields - Stafford	Highfields - Stafford	SOUTH	1	3
SYCAMORE LANE STAFFORD FP Highfields - Stafford	Highfields - Stafford	SOUTH	1	3
FRANCIS GREEN LANE PENKRIDGE Penkridge - Perton	Penkridge - Perton	SOUTH	1	3
MEON GROVE PERTON Perton - Perton	Perton - Perton	SOUTH	1	3
MORTON ROAD STAFFORD Rising Brook - Stafford	Rising Brook - Stafford	SOUTH	11	27
BRADBURY RISE STAFFORD Rowley - Stafford	Rowley - Stafford	SOUTH	1	3
SHEPHERDS FOLD STAFFORD Wildwood - Stafford	Wildwood - Stafford	SOUTH	1	3
WINCHESTER COURT STAFFORD Wildwood - Stafford	Wildwood - Stafford	SOUTH	1	3
<b>TOTAL</b>			<b>112</b>	<b>317</b>

## **4.0 PROGRESS REPORT: MAINTENANCE**

### **4.1 Introduction**

The number of standard response faults and proactive repairs has increased in the month, and the number of emergency events has also increased. A comparison of current trends for both emergency and standard fault responses in relation to the previous 5 years can be seen in Appendix 4.

The percentage of lights lit (PS2) remains relatively constant at 99.51% in the period. The month on month results remain fairly static and indicate a positive result continuing above the target percentage.

PS 2 Summary data can be seen in Appendix 4.

### **4.2 Routine Maintenance**

All routine maintenance tasks for the period were completed on time.

### **4.3 Fault Repairs**

For the period 1 – 30 September 2023, a total of 888 fault repairs (excluding emergency call-outs) were completed by the team, a 25% decrease from the same period last year.

No faults were completed outside the target performance response time.

### **4.4 Emergency Call-Outs**

For the period 1 – 30 September 2023, a total of 55 emergency call-outs were attended to by the team, representing a 31% increase from the same period last year.

No faults were completed outside the target performance response time.

### **4.5 Structural Testing**

Testing continues throughout the County for those assets reaching the target age and for those schedules by previous inspection reports.

## 5.0 CHANGES TO INVENTORY

### 5.1 Accruals, Additions/Deletions and Growth

Original inventory assets as at 31/01/03	99,343
Total cumulative asset accruals in current block	4,414
Accruals from previous Blocks, Growth from Asset Renewal and Net additions/deletions from asset data survey	4,467
<b>TOTAL INVENTORY</b>	<b>108,224</b>

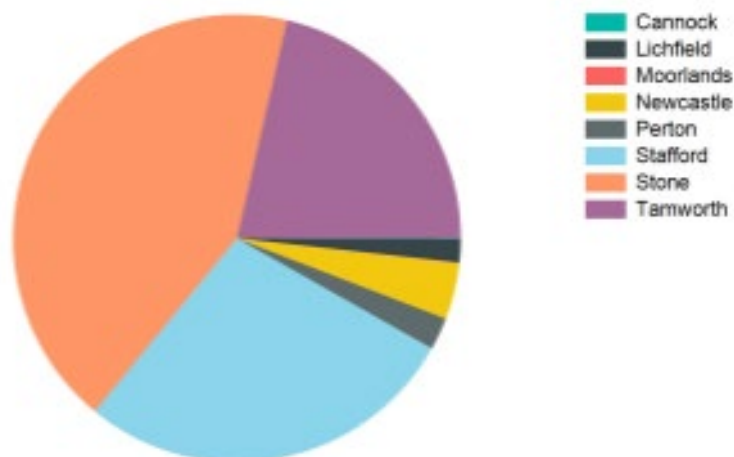
### 5.2 Inventory analysis by Unit Type

Belisha beacons	365
Bollards	959
Feeder Pillars	508
Hatpins	162
Lighting Units	94,636
School crossing flashers	205
Sign Units	10,716
Subway lights	673
<b>TOTAL</b>	<b>108,224</b>

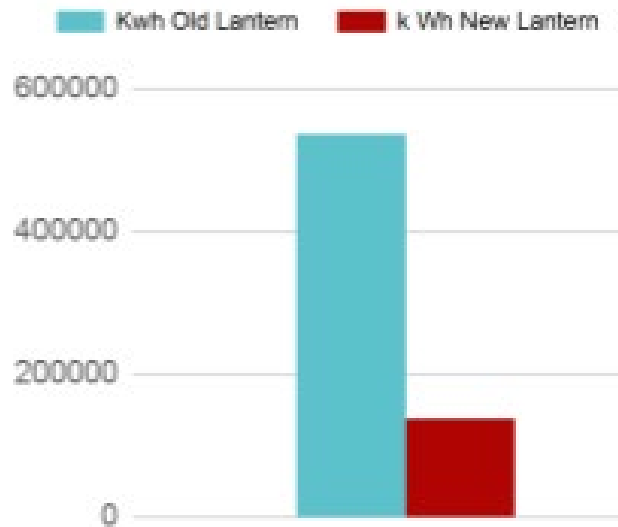
### 5.3 Invest to Save Project

There were 1,967 LED lanterns installed in the period, generating cumulative energy savings of 7,373,636 Kwh and CO<sub>2</sub> savings of 1,637 tonnes.

The geographical spread of the replaced lanterns is as follows (*Note that the reporting from the I2S dashboard aligns to weekly completions only and the data may appear out of line with Monthly reporting*);



Visually, the impact of the energy saving is represented in the graph below;



## 6.0 ENERGY

There are no reported problems with the current Energy Supplier or Power Data Associates who continue to operate very effectively and efficiently as the Meter Administrator.

Ongoing reviews with the Meter Administrator continue and have identified no actions for improvements as the current strategies represent best practice and best value for the Client.

The applied Governmental Policy, providing energy price Caps to commercial energy consumption ceased in April 2023. The mechanism for application of the price caps for the previous months is currently being reviewed in order to ensure the correct financial savings are applied to the Client.

## **7.0 PERFORMANCE STANDARDS**

### **7.1 Introduction**

Deductions which are applicable in the period against the performance standards in line with Schedule 4 of the Project Agreement are detailed below.

Details of Performance Standards are provided in Appendix 5.

### **7.2 PS I(b): Electrical, Structural & Optical Inspection and Testing**

No deductions applicable in the period.

### **7.3 PS II: Lighting Equipment & Illuminated Traffic Sign Equipment Lit**

No deductions applicable in the period.

### **7.4 PS III: Photometric Performance**

90 streets were randomly selected and illuminance measured on a random unit within each street by the Night Patrollers. Checks on these readings are undertaken by the Engineering Certifier. There were no reported failures in the month.

### **7.5 PS IV: Operational Response**

#### **7.5.1 Responsiveness to Emergency Events**

No deductions applicable in the period.

#### **7.5.2 Non Emergency Repairs**

No deductions applicable in the period.

### **7.6 PS V: Design, Installation, Commissioning & Decommissioning**

No deductions applicable in the period.

#### **7.7.1 PS VI: Records and Management**

Nineteen deductions were applicable in the period and these were as follows;

- 7.7.1 Eight data entries were completed one day late.
- 7.7.2 Ten data entries were completed two days late.
- 7.7.3 One data entry was completed four days late.

## **APPENDICES TO PROGRESS REPORT**

- Appendix 1: Accident & Incident Register
- Appendix 2: Engineering Certifier's Report
- Appendix 3: AARP Progress Report
- Appendix 4: Performance Statistics
- Appendix 5: Performance Standard Report

## APPENDIX 1

### Accident & Incident Register

**STAFFS PFI - ACCIDENT REGISTER – AARP Block**

Ref	Date	Location	Description	Status	Action / Comments
001	11/9/08	Horninglow Road, Burton upon Trent	Operative struck by concrete street lighting column during lifting operation	Closed	Investigation complete
002	10/08/09	Monmouth Place, Clayton	Operative struck by residents' car whilst attempting to stop column installation. Police were called to the scene to protect workforce whilst work completed, no charges pressed.	Closed	Investigation complete
003	11/08/09	Lincoln Grove, Clayton	Operative manoeuvring vehicle around another E.ON parked vehicle misjudged clearance catching rear end of other vehicle. No injuries were sustained.	Closed	Investigation complete
004	01/09/09	Whitehall Lane, Kidsgrove	Operative caught bucket of MEWP on private wall dislodging bricks whilst attempting a turning manoeuvre	Closed	Investigation complete.
005	19/10/09	Pennine Way, Tamworth	Operative injured back whilst manually lifting a road breaker pack back into his vehicle.	Closed	Investigation complete.
006	29/10/09	High Street, Kinver	Operative reversed into stationary vehicle causing damage to both MEWP and private car. No injuries were sustained.	Closed	Investigation complete.
007	4/11/09	A38/A50 Island	Operative returning to depot driving round island, Driver pulled out of junction directly into path of MEWP. Minor injuries to other driver and damage to both vehicles.	Closed	Investigation complete.



**STAFFS PFI - ACCIDENT REGISTER – AARP Block**

Ref	Date	Location	Description	Status	Action / Comments
008	10/11/09	Anson Street, Rugeley	Operative stopped vehicle but driver behind didn't and collided with MEWP bucket. No injuries sustained but damage to both vehicles.	Closed	Investigation Complete
009	11/1/10	Water Street, Stafford.	Operative slipped on ice on untreated footpath causing injuries to his knee. This resulted in a medical treated incident and lost time of over 3 days.	Closed	Investigation Complete.
010	9/4/10	Glascote Road, Tamworth.	Whilst undertaking planned fault repairs to units under professional traffic management protection a 3 <sup>rd</sup> part vehicle collided with the crash cushion vehicle.	Closed	Investigation Complete.
011	2/6/10	Moor Street, Burton upon Trent	Operative digging around base of concrete column prior to removal was struck on the back of the head by a section of concrete that had become dislodged from the bracket arm.	Closed	Investigation Complete
012	3/6/10	Station Road Car Park, Cheslyn Hay	Undertaking routine maintenance for a Borough Council, the operative was opening a height restriction barrier to get vehicle access, the faulty barrier dropped striking the operative on the head causing an injury the required hospital treatment and four stitches.	Closed	Investigation Complete
013	21/9/10	The Green, Armitage	Whilst undertaking a routine clean and change, the lantern bowl slipped and the operative strained himself whilst preventing it from falling.	Closed	Investigation Complete

**STAFFS PFI - ACCIDENT REGISTER – AARP Block**

Ref	Date	Location	Description	Status	Action / Comments
014	7/12/10	Wilnecote Road, Tamworth	Whilst undertaking routine maintenance and repair, an operative slipped on the ice and snow sustaining minor bruising.	Closed	Investigation Complete
015	2/2/11	Eastern Avenue, Lichfield	Street lighting column collapsed onto passing car causing material damage to the car but no injury.	Investigation Complete	Investigation has been completed and subsequent documentation issued to the Insurance providers. Communication is still open whilst any subsequent claim is being processed.
016	13/4/11	Tutbury Road, Burton	Operative strained back whilst getting into MEWP bucket.	Closed	Investigation Complete
017	28/6/11	Ballance Street, Uttoxeter.	Operative slipped on wet grass walking to column causing pain to pre-existing back condition	Closed	Investigation Complete
018	30/5/12	A449, Wolverhampton Road, Penkridge	Operative twisted ankle caused by falling into open manhole in long grass on verge.	Closed	Investigation Complete
019	17/9/12	New Road, Hixon	Operative twisted ankle on pot hole in the tarmac footpath.	Closed	Investigation Complete
020	04/04/13	Burton Depot	Storeman changing gas bottle on Forklift truck suffered cold burn when gas leaked from faulty seal	Closed	Investigation Complete
021	05/06/13	Mariner, Tamworth	Operative was shovelling sand from the back of the lorry when he twisted and fell injuring his right calf.	Closed	Investigation Complete

**STAFFS PFI - ACCIDENT REGISTER – AARP Block**

Ref	Date	Location	Description	Status	Action / Comments
022	28/5/14	Western Springs Road, Rugeley	Operative was kneeling on ground digging a hole for column when felt pain in knee which did not subside.	Investigation Complete	Operative has soft tissue damage requiring absence from work and a return on prolonged alternative duties, this has been RIDDOR reported as a lost time injury.
023	28/07/14	Derby Road, Burton upon Trent	Operative stopped vehicle after noticing door open warning light was on. On alighting from the van to close the door he twisted his ankle on uneven ground causing a minor break.	Investigation Complete	Operative sustained a minor break, this has been RIDDOR reported as a lost time injury.
024	16/10/14	Farrington, Tamworth	Operative undertaking normal manual lifting operation injured his back in the process.	Investigation Complete	Operative sustained minor injury, this has been RIDDOR reported as a lost time injury.
025	17/11/14	Glascote Road F/P	Operative experienced a reoccurrence of an existing back pain whilst manual handling.	Investigation Complete	Operative sustained minor injury, this has been RIDDOR reported as a lost time injury.
026	14/5/15	Wimblebury Road, Heath Hayes	MEWP safety lowering device failed, operative considered and alighted from bucket which was not quite docked. Slipped and fell causing back injury.	Investigation Complete	Operative sustained significant bruising, this has been RIDDOR reported as a lost time injury.
027	02/06/15	Heron Road, Rugeley	Operative undertaking cyclic maintenance stepped out of vehicle into a large pot hole in the road causing his ankle to twist.	Investigation Complete	Operative sustained minor injury, this has been RIDDOR reported as a lost time injury.
028	19/06/15	The Pippins, Rugeley	Operative undertaking excavation for a new column when felt pain in back.	Investigation Complete	Operative sustained minor injury, this has been RIDDOR reported as a lost time injury.

**STAFFS PFI - ACCIDENT REGISTER – AARP Block**

Ref	Date	Location	Description	Status	Action / Comments
029	18/3/16	Burton Depot	Stores attendant completing a two man lift felt pain in his back.	Investigation Complete	Stores attendant sustain minor injury resulting in restricted duties for a limited time.
030	12/05/16	Burgoyne Street, Chadsmoor	Operative lost footing when climbing out of excavation and fell causing laceration which required medical treatment.	Investigation Complete	The incident did not result in any lost time, the learnings from the incident have been communicated.
031	13/07/18	Shobnall Road, Burton upon Trent	Operative lost footing when exiting the cage of MEWP and twisted ankle resulting in a sprain.	Investigation complete	Action 1: Issue of toolbox talk re-enforcing the correct method of exiting vehicles. Action 2: Review suitability of company issued Safety Footwear.
032	23/07/18	Keele Road, Keele	Operative was exiting lorry loader when twisted ankle as shifted weight resulting in fracture to ankle.	Investigation complete	Action 1: Issue of toolbox talk re-enforcing the correct method of exiting vehicles. Action 2: Review suitability of company issued Safety Footwear. Action3: Re-issue requirement that ALL incidents and accidents are to be reported to management at the EARLIEST opportunity
033	13/03/19	Stapenhill Road, Burton	Operative struck on hand by a kerb stone which resulted in multiple fractures to a finger.	Investigation complete	Operative sustained injury, this has been RIDDOR reported as a lost time injury. Bulletin created and shared across the business.
034	21/10/19	Leycett Lane, Madeley Heath	Operative was hit head on by another vehicle, which was travelling in the opposite direction.	Investigation complete	Operative sustained injury and was admitted to hospital. Incident was reported as a lost time injury in line with RIDDOR requirements.
035	04/02/21	Felspar, Tamworth	Operative sustained a cut to the thumb whilst preparing cable.	Investigation complete.	Operative sustained a cut to the thumb and received first aid treatment on site. Medical advice was sought and further first aid treatment applied.

## APPENDIX 2

### Engineering Certifier's Report

## Engineering Certifiers Monthly Report

September 2023

### **PERFORMANCE STANDARD 1 (Electrical, Structural and Optical Condition)**

#### SERVICE PROVIDER TARGETS

Maintenance and reporting to be carried out to a high standard with no defects

Maintenance to be completed within one month of the date due, and details entered on to Asset Management System within 5 days of completion of work

Any defect reports to be actioned to ensure all equipment fully meets the requirements of the Service Specification.

The following operatives were checked during the month.

South Area. Kevin Clegg (Stafford)

East Area. Paul Shirley (Tamworth)

North Area. Kevin Wright (Stone)

The checks were carried without the area supervisors in attendance.

Mr Kevin Clegg was checked while carrying out cyclic maintenance on road lighting units in the Stafford area. He was seen to be carrying out these activities correctly, was using correct traffic management and he was wearing appropriate Personal Protective Equipment (PPE). Mr Clegg had made an initial site inspection and had correctly filled in the risk assessment form before starting work, also noted was Mr Clegg had his field operations manual on board the vehicle for reference. Mr Clegg was observed dusting out column bases and washing the lantern bowls. The water used for washing was frequently replaced. All lamps that were replaced were correctly date marked. The supporting paperwork was filled in correctly.

Mr Paul Shirley was checked while carrying out cyclic maintenance on road lighting units in the Tamworth area. He was seen to be carrying out these activities correctly, was using correct traffic management and he was wearing appropriate Personal Protective Equipment (PPE). Mr Shirley had made an initial site inspection and had correctly filled in the risk assessment form before starting work, also noted was Mr Shirley had his field operations manual on board the vehicle for reference. Mr Shirley was observed dusting out column bases and washing the lantern bowls. The water used for washing was frequently replaced. All lamps that were replaced were correctly date marked. The supporting paperwork was filled in correctly.

Mr Kevin Wright was checked while carrying out cyclic maintenance on road lighting units and lit signs in the Stone area. He was seen to be carrying out these activities correctly, was using correct traffic management and he was wearing appropriate Personal Protective Equipment (PPE). Mr Wright had made an initial site inspection and had correctly filled in the risk assessment form before starting work, also noted was Mr Wright had his field operations manual on board the vehicle for reference. Mr Wright was observed dusting out column bases and washing the lantern bowls. The water used for washing was frequently replaced. All lamps that were replaced were correctly date marked. The supporting paperwork was filled in correctly.

### **PERFORMANCE STANDARD 2 (Lighting and Illuminated Traffic Sign Equipment to be Lit)**

# LIGHTING FOR STAFFORDSHIRE

Page 2 of 12

COMPLIANCE WITH PERFORMANCE STANDARDS

Report: September 2023

- 2 -

## SERVICE PROVIDER TARGETS

At least 98% of all equipment to be correctly lit at all times.

Night time Monitors to correctly record all non-compliances to an accuracy of 0.25%

Checks on the work of the Night Monitors were carried out as detailed below.

### Area SM2 (Stafford)

There are 3531 lighting units on this monitor, the patroller Mr Tony Howell found a total of 12 faults with the Engineering Certifier check monitor identifying 4 additional faults resulting in a total of 16 faults recorded. This gave a result of 99.55% lit.

The number of additional faults on this monitor area was inside the acceptable tolerance as the trigger for the monitor to fail is >9 faults.

# LIGHTING FOR STAFFORDSHIRE

Page 3 of 12

COMPLIANCE WITH PERFORMANCE STANDARDS

Report: September 2023

- 3 -

## **PERFORMANCE STANDARD 3 (Photometric Performance of New & Renewed Lighting Schemes)**

### SERVICE PROVIDER TARGETS

The measured Target Illuminance of all selected test sites is to meet or exceed the specified Target Illuminance for the site

90 random sites were checked by the service provider for compliance with this Service Standard.

All the sites checked had readings that met or were above the required level.

Details of the readings obtained can be found in the attached report.

The EC check monitor of 15 random units did not reveal any discrepancies, details of which can be seen in the attached report.



**Photometric Testing Operative Results - September 2023**

CID	Street Name	Visual Ref	Selected for test	Date Tested	Date Updated	Target Illumination	Actual Illumination	Difference
00243042	WILLOW GROVE ESSINGTON Essington - Perton	001	01/09/2023	01/09/2023 21:24	04/09/2023	14.10	17.45	3.35
00012922	ROWAN DRIVE ESSINGTON Essington - Perton	002	01/09/2023	01/09/2023 21:21	04/09/2023	25.10	29.17	4.07
00012620	BIRCHWOOD CLOSE ESSINGTON Essington - Perton	003	01/09/2023	01/09/2023 21:18	04/09/2023	25.10	26.91	1.81
15233245	RAVEN CLOSE GREAT WYRLEY Great Wyrley - Perton	001	01/09/2023	01/09/2023 20:43	04/09/2023	14.10	23.89	9.79
15239015	MOUNT PLEASANT CHESLYN HAY Cheslyn Hay - Perton	002	01/09/2023	01/09/2023 20:36	04/09/2023	14.10	20.68	6.58
03278498	QUEEN STREET CHESLYN HAY Cheslyn Hay - Perton	005	01/09/2023	01/09/2023 20:33	04/09/2023	14.10	23.90	9.8
00207891	FOREST GLADE GREAT WYRLEY Great Wyrley - Perton	001	01/09/2023	01/09/2023 20:23	04/09/2023	25.10	43.1	18
15244375	COLINWOOD CLOSE GREAT WYRLEY Great Wyrley - Perton	002	01/09/2023	01/09/2023 20:19	04/09/2023	21.8	31.1	9.3
15244654	ORION CLOSE GREAT WYRLEY Great Wyrley - Perton	002	01/09/2023	01/09/2023 20:15	04/09/2023	14.1	25.29	11.19
00119863	CORNHILL CLOSE CHESTERTON Chesterton - Newcastle	001	04/09/2023	04/09/2023 23:14	05/09/2023	25.10	34.0	8.9
00119824	WARRILOW HEATH ROAD Chesterton - Newcastle	002	04/09/2023	04/09/2023 23:09	05/09/2023	25.10	28.74	3.64
00114249	AUDLEY PLACE NEWCASTLE Westlands - Newcastle	003	04/09/2023	04/09/2023 22:53	05/09/2023	14.10	19.95	5.85
00114386	EASDALE PLACE WESTLANDS Westlands - Newcastle	001	04/09/2023	04/09/2023 22:47	05/09/2023	14.10	13.85	-0.25
00226065	KENTMERE PLACE WESTLANDS Westlands - Newcastle	007	04/09/2023	04/09/2023 22:40	05/09/2023	14.10	17.02	2.92
00109847	MEDWAY PLACE SEABRIDGE Seabridge - Newcastle	001	04/09/2023	04/09/2023 22:32	05/09/2023	14.10	17.26	3.16
00109807	LEE GROVE SEABRIDGE Seabridge - Newcastle	001	04/09/2023	04/09/2023 22:29	05/09/2023	14.10	16.73	2.63
00120941	LEASWOOD PLACE CLAYTON Clayton - Newcastle	014	04/09/2023	04/09/2023 22:21	05/09/2023	14.10	19.71	5.61
00109824	LIDGATE WALK NEWCASTLE Seabridge - Newcastle	001	04/09/2023	04/09/2023 22:13	05/09/2023	14.10	16.61	2.51
00237690	ALDEBURGH DRIVE NEWCASTLE Seabridge - Newcastle	003	04/09/2023	04/09/2023 22:11	05/09/2023	14.10	12.49	-1.61
00109873	MORSTON DRIVE SEABRIDGE Seabridge - Newcastle	004	04/09/2023	04/09/2023 22:07	05/09/2023	25.10	27.1	2
00110331	WESTCLIFFE AVENUE SEABRIDGE Seabridge - Newcastle	006	04/09/2023	04/09/2023 22:03	05/09/2023	25.10	28.52	3.42
00109958	ROSSALL AVENUE SEABRIDGE Seabridge - Newcastle	001	04/09/2023	04/09/2023 21:58	05/09/2023	14.10	18.42	4.32
00109923	REPTON DRIVE SEABRIDGE Seabridge - Newcastle	009	04/09/2023	04/09/2023 21:55	05/09/2023	14.10	18.18	4.08
00242448	SUTHERLAND DRIVE WESTLANDS Westlands - Newcastle	002	04/09/2023	04/09/2023 21:50	05/09/2023	36.9	21.37	-15.53
00245504	COMO PLACE WESTLANDS Thistleberry - Newcastle	005	04/09/2023	04/09/2023 21:44	05/09/2023	14.10	17.75	3.65
00230969	SNEYD AVENUE THISTLEBERRY Thistleberry - Newcastle	004	04/09/2023	04/09/2023 21:41	05/09/2023	35.2	54.2	19

**Photometric Testing Operative Results - September 2023**

00112351	THISTLEBERRY AVENUE TH/BERRY Thistleberry - Newcastle	024	04/09/2023	04/09/2023 21:37	05/09/2023	36.2	27.5	-8.7
00111952	HILLSIDE THISTLEBERRY Thistleberry - Newcastle	001	04/09/2023	04/09/2023 21:33	05/09/2023	25.10	19.12	-5.98
00245641	ST MARYS DRIVE THISTLEBERRY Thistleberry - Newcastle	002	04/09/2023	04/09/2023 21:29	05/09/2023	14.10	18.31	4.21
00245980	POOLFIELD AVENUE NEWCASTLE Thistleberry - Newcastle	002	04/09/2023	04/09/2023 21:27	05/09/2023	14.10	17.21	3.11
00230362	SNEYD TERRACE SILVERDALE Silverdale - Newcastle	002	04/09/2023	04/09/2023 21:17	05/09/2023	55.5	45.0	-10.5
00230577	NEWCASTLE STREET SILVERDALE Silverdale - Newcastle	003	04/09/2023	04/09/2023 21:12	05/09/2023	55.5	84.2	28.7
03276820	MILL STREET NEWCASTLE Silverdale - Newcastle	003	04/09/2023	04/09/2023 21:09	05/09/2023	13.1	18.3	5.2
00119374	ELLAMS PLACE SILVERDALE Silverdale - Newcastle	001	04/09/2023	04/09/2023 21:06	05/09/2023	25.10	19.51	-5.59
00209536	IRONBRIDGE DRIVE SILVERDALE Silverdale - Newcastle	006	04/09/2023	04/09/2023 21:02	05/09/2023	14.10	19.84	5.74
00247212	ST VINCENT PLACE SILVERDALE Silverdale - Newcastle	002	04/09/2023	04/09/2023 20:57	05/09/2023	14.10	18.81	4.71
00247211	HOWE GROVE SILVERDALE Silverdale - Newcastle	001	04/09/2023	04/09/2023 20:54	05/09/2023	14.10	19.20	5.1
00104230	PEACOCK ROAD CHESTERTON Chesterton - Newcastle	002	04/09/2023	04/09/2023 20:46	05/09/2023	41.5	52.2	10.7
CIP20011304	THE HOLLIES CROSS HEATH Cross Heath - Newcastle	004	04/09/2023	04/09/2023 20:35	05/09/2023	16.8	24.30	7.5
00102707	CALVERT GROVE NEWCASTLE Bradwell - Newcastle	002	04/09/2023	04/09/2023 20:20	05/09/2023	14.10	22.7	8.6
00243268	HILLPORT AVENUE BRADWELL Bradwell - Newcastle	022	04/09/2023	04/09/2023 20:15	05/09/2023	19.30	28.37	9.07
00104177	LUDFORD CLOSE CHESTERTON Chesterton - Newcastle	010	04/09/2023	04/09/2023 23:19	05/09/2023	25.10	25.1	0
15245440	CANTERBURY CLOSE LICHFIELD Stowe - Lichfield	003	05/09/2023	05/09/2023 23:28	06/09/2023	14.1	13.37	-0.73
00245940	FOX LANE ALREWAS Alrewas - Lichfield	007	05/09/2023	05/09/2023 20:14	06/09/2023	19.30	32.6	13.3
00129433	MANOR ROAD KINGS BROMLEY Kings Bromley - Lichfield	008	05/09/2023	05/09/2023 20:24	06/09/2023	14.10	27.85	13.75
CIP20006401	LINFORD CLOSE ARMITAGE Armitage with Handsacre - Lich	001	05/09/2023	05/09/2023 20:33	06/09/2023	16.6	20.27	3.67
00032726	BARN ROAD ARMITAGE Armitage with Handsacre - Lich	001	05/09/2023	05/09/2023 20:37	06/09/2023	25.10	32.7	7.6
00120407	CHESTNUT CLOSE ARMITAGE Armitage with Handsacre - Lich	005	05/09/2023	05/09/2023 20:41	06/09/2023	25.10	24.22	-0.88
CIP20017207	STAFFORD ROAD LICHFIELD Christchurch - Lichfield	003	05/09/2023	05/09/2023 20:48	06/09/2023	21.1	38.3	17.2
CIP20020531	WINDMILL CLOSE LICHFIELD Christchurch - Lichfield	001	05/09/2023	05/09/2023 20:55	06/09/2023	23.5	30.1	6.6
00217647	BELL CLOSE LICHFIELD Christchurch - Lichfield	002	05/09/2023	05/09/2023 20:58	06/09/2023	14.10	17.11	3.01
00236984	CHRISTCHURCH LANE LICHFIELD Sandfields - Lichfield	018	05/09/2023	05/09/2023 21:06	06/09/2023	14.10	13.78	-0.32
15241541	HEATHCOTE PLACE LICHFIELD Stowe - Lichfield	003	05/09/2023	05/09/2023 21:16	06/09/2023	14.10	13.04	-1.06

**Photometric Testing Operative Results - September 2023**

00124492	THE SYCAMORES LICHFIELD Sandfields - Lichfield	001	05/09/2023	05/09/2023 21:20	06/09/2023	25.10	33.2	8.1
15249797	PARNELL AVENUE LICHFIELD Stowe - Lichfield	011	05/09/2023	05/09/2023 21:24	06/09/2023	14.10	11.05	-3.05
00236887	ST JOHNS CLOSE LICHFIELD Sandfields - Lichfield	002	05/09/2023	05/09/2023 21:30	06/09/2023	14.10	14.92	0.82
CIP20006850	JORDAN CLOSE FRADLEY Arewas - Lichfield	004	05/09/2023	05/09/2023 21:37	06/09/2023	12.3	11.22	-1.08
CIP20016407	SWINFEN BROUN ROAD LICHFIELD Christchurch - Lichfield	003	05/09/2023	05/09/2023 21:41	06/09/2023	14.1	17.05	2.95
00236805	DARWIN CLOSE LICHFIELD Christchurch - Lichfield	002	05/09/2023	05/09/2023 21:45	06/09/2023	14.10	13.65	-0.45
CIP20018541	DIMBLES HILL LICHFIELD Stowe - Lichfield	004	05/09/2023	05/09/2023 21:51	06/09/2023	12.2	16.90	4.7
00236716	ANGLESEY ROAD LICHFIELD Christchurch - Lichfield	001	05/09/2023	05/09/2023 21:56	06/09/2023	14.10	15.66	1.56
15238982	BLOOMFIELD CRESCENT LICHFIELD Christchurch - Lichfield	003	05/09/2023	05/09/2023 22:08	06/09/2023	29.40	39.7	10.3
00036967	CARMICHAEL CLOSE LICHFIELD Boley Park - Lichfield	002	05/09/2023	05/09/2023 22:15	06/09/2023	25.10	31.4	6.3
00038177	MANLEY ROAD STOWE LICHFIELD Stowe - Lichfield	002	05/09/2023	05/09/2023 22:23	06/09/2023	14.10	18.27	4.17
00037142	COVEY CLOSE LICHFIELD Stowe - Lichfield	003	05/09/2023	05/09/2023 22:29	06/09/2023	25.10	22.30	-2.8
00038158	LUNNS CROFT STOWE LICHFIELD Stowe - Lichfield	002	05/09/2023	05/09/2023 22:37	06/09/2023	14.10	18.49	4.39
00236290	ASPEN CLOSE LICHFIELD Stowe - Lichfield	004	05/09/2023	05/09/2023 22:44	06/09/2023	14.10	14.94	0.84
CIP20011984	BURTON OLD ROAD EAST LICHFIELD Boley Park - Lichfield	002	05/09/2023	05/09/2023 22:52	06/09/2023	12.2	16.13	3.93
00038503	ROMILLY CLOSE LICHFIELD Boley Park - Lichfield	001	05/09/2023	05/09/2023 22:59	06/09/2023	25.10	33.9	8.8
00038931	SUNBURY AVENUE LICHFIELD Boley Park - Lichfield	002	05/09/2023	05/09/2023 23:03	06/09/2023	25.10	31.2	6.1
03274443	SHERIFFS CLOSE LICHFIELD Boley Park - Lichfield	003	05/09/2023	05/09/2023 23:08	06/09/2023	14.10	18.60	4.5
03278023	QUARRY HILLS LANE LICHFIELD Boley Park - Lichfield	004	05/09/2023	05/09/2023 23:13	06/09/2023	12.2	15.94	3.74
00039228	TRENANCE CLOSE LICHFIELD Boley Park - Lichfield	002	05/09/2023	05/09/2023 23:19	06/09/2023	25.10	30.2	5.1
00013152	CRANESBILL CLOSE FEATHERSTONE Featherstone - Perton	002	26/09/2023	26/09/2023 19:17	27/09/2023	25.10	26.1	1
00013343	SORREL CLOSE FEATHERSTONE Featherstone - Perton	002	26/09/2023	26/09/2023 19:21	27/09/2023	25.10	26.7	1.6
CIP20005640	MILL GROVE BILBROOK Perton - Perton	003	26/09/2023	26/09/2023 19:31	27/09/2023	16.6	19.85	3.25
00228692	LIME TREE ROAD CODSALL Codsall - Perton	006	26/09/2023	26/09/2023 19:39	27/09/2023	14.10	25.1	11
00212011	THE FIELDS BILBROOK Codsall - Perton	002	26/09/2023	26/09/2023 19:45	27/09/2023	14.10	18.42	4.32
CIP20010192	SANDY LANE CODSALL Codsall - Perton	006	26/09/2023	26/09/2023 19:50	27/09/2023	7.9	8.97	1.07
00228686	QUEENS GARDENS CODSALL Codsall - Perton	003	26/09/2023	26/09/2023 19:56	27/09/2023	14.10	22.94	8.84
00012279	PRINCES DRIVE CODSALL Codsall - Perton	006	26/09/2023	26/09/2023 19:59	27/09/2023	14.10	15.74	1.64

**Photometric Testing Operative Results - September 2023**

00228706	FARM CLOSE CODSALL Codsall - Perton	002	26/09/2023	26/09/2023 20:06	27/09/2023	14.10	16.74	2.64
CIP20010414	MEADOW VALE CODSALL Codsall - Perton	004	26/09/2023	26/09/2023 20:13	27/09/2023	16.8	20.82	4.02
00011814	BEECH GARDENS CODSALL Codsall - Perton	001	26/09/2023	26/09/2023 20:19	27/09/2023	14.10	21.31	7.21
00012059	HAWTHORNE LANE CODSALL Codsall - Perton	002	26/09/2023	26/09/2023 20:23	27/09/2023	29.40	25.44	-3.96
00018531	LYTHAM ROAD PERTON Perton - Perton	005	26/09/2023	26/09/2023 20:36	27/09/2023	14.10	12.33	-1.77
00235168	THE PASTURES PERTON Perton - Perton	001	26/09/2023	26/09/2023 20:41	27/09/2023	14.10	15.91	1.81
00019197	THORNBURY COURT PERTON Perton - Perton	001	26/09/2023	26/09/2023 20:50	27/09/2023	25.10	22.51	-2.59
15234628	HALIFAX CLOSE FRADLEY Alrewas - Lichfield	002	26/09/2023	26/09/2023 22:45	27/09/2023	13.90	14.25	0.35
15242554	HORNER AVENUE FRADLEY Alrewas Lichfield	003	26/09/2023	26/09/2023 23:00	27/09/2023	14.10	16.05	1.95

**Number of Items Tested 90**

**Photometric Testing EC Results - September 2023**

CID	Street Name	Visual Ref	Operative Test Date	EC Test Date	Operative Illumination	EC Illumination	Difference	Target Illumination
00011814	BEECH GARDENS CODSALL Codsall - Perton	001	01/09/2023 22:28:42	26/09/2023 20:19:04	17.98	21.31	3.33	14.10
00013152	CRANESBILL CLOSE FEATHERSTONE Featherstone - Perton	002	01/09/2023 21:04:42	26/09/2023 19:17:04	24.69	26.1	1.41	25.10
00228706	FARM CLOSE CODSALL Codsall - Perton	002	01/09/2023 22:12:42	26/09/2023 20:06:04	18.54	16.74	-1.80	14.10
00012059	HAWTHORNE LANE CODSALL Codsall - Perton	002	01/09/2023 22:34:42	26/09/2023 20:23:04	36.0	25.44	-10.56	29.40
00228692	LIME TREE ROAD CODSALL Codsall - Perton	006	01/09/2023 21:54:42	26/09/2023 19:39:04	18.53	25.1	6.57	14.10
00018531	LYTHAM ROAD PERTON Perton - Perton	005	01/09/2023 22:48:42	26/09/2023 20:36:04	14.15	12.33	-1.82	14.10
CIP20010414	MEADOW VALE CODSALL Codsall - Perton	004	01/09/2023 22:16:42	26/09/2023 20:13:04	19.77	20.82	1.05	16.8
CIP20005640	MILL GROVE BILBROOK Perton - Perton	003	01/09/2023 21:07:42	26/09/2023 19:31:04	13.81	19.85	6.04	16.6
00012279	PRINCES DRIVE CODSALL Codsall - Perton	006	01/09/2023 22:20:42	26/09/2023 19:59:04	14.11	15.74	1.63	14.10
00228686	QUEENS GARDENS CODSALL Codsall - Perton	003	01/09/2023 22:24:42	26/09/2023 19:56:04	18.02	22.94	4.92	14.10
CIP20010192	SANDY LANE CODSALL Codsall - Perton	006	01/09/2023 22:06:42	26/09/2023 19:50:04	9.56	8.97	-0.59	7.9
00013343	SORREL CLOSE FEATHERSTONE Featherstone - Perton	002	01/09/2023 20:59:42	26/09/2023 19:21:04	28.7	26.7	-2.00	25.10
00212011	THE FIELDS BILBROOK Codsall - Perton	002	01/09/2023 22:01:42	26/09/2023 19:45:04	21.67	18.42	-3.25	14.10
00235168	THE PASTURES PERTON Perton - Perton	001	01/09/2023 22:43:42	26/09/2023 20:41:04	17.53	15.91	-1.62	14.10
00019197	THORNBURY COURT PERTON Pertion - Perton	001	01/09/2023 22:56:42	26/09/2023 20:50:04	29.7	22.51	-7.19	25.10

**Number of Tests - 15**

# LIGHTING FOR STAFFORDSHIRE

Page 9 of 12

COMPLIANCE WITH PERFORMANCE STANDARDS

Report: September 2023

- 9 -

## **PERFORMANCE STANDARD 4 (Records and Management).**

### SERVICE PROVIDER TARGETS

To correctly record details and times as required by appendix G of the Service Specification

To meet or exceed the operational response times of appendix H of the Service Specification.

The Service Specification does not require the Engineering Certifier (EC) to directly monitor Operational Response. The EC does however carry out random checks when undertaking checks of the other performance standards.

During the month 12 individual fault tickets and 8 emergency call outs, chosen at random were monitored to check that the actual attendance times were as recorded on the Asset Management System.

In all cases the actual repair and call out dates and times agreed with those subsequently recorded.

**PERFORMANCE STANDARD 5 (Design, Installation, Commissioning and Decommissioning)**

**SERVICE PROVIDER TARGETS**

To identify and replace items of equipment that do not meet the service requirements of Appendix B  
To correctly design all new works and to ensure that they meet the Service Requirements of Appendix N  
Carry out all works correctly and within the timescale of Appendix I  
Record all details and times so that any non-compliance can be monitored.

A minimum of 10% of new designs were examined and the design process reviewed to ensure the correct procedures had been followed. All designs checked appeared to have been correctly prepared.

New Lighting Schemes submitted as completed were checked and verified for compliance with the Service Specification.

10 X one stop column replacement was inspected during the month.

190 X Invest To Save Lantern swaps were inspected during the month.

Any noted defects were passed on to the Asset renewal team for rectification.

**PERFORMANCE STANDARD 6 (Records and Management)**

**SERVICE PROVIDER TARGETS**

To operate the Records and Management System in accordance with the requirements of Appendix G and Appendix S.

The Engineering Certifier shall arrange for the Asset Management System used to ensure compliance with the response times of Appendix G to be audited by an Internal Auditor twice per year and by an External Auditor once per year.

Any non-compliance with the response times shall be recorded by the auditor.

The first internal audit for the period 2023-2024 took place on 11<sup>th</sup> May 2023 at the Derby Staffs PFI office. The results of which have now been published.

The external audit for the period 2023-2024 took place on 3<sup>rd</sup> August 2023 at the Derby Staffs PFI office. The results of which have now been published.

The second internal audit for the period 2023-2024 is due to take place on 5<sup>th</sup> December 2023 at the Derby Staffs PFI office.

**GENERAL COMMENTS/SUMMARY**

**P.S 1**

An operative from each of the 3 areas was observed carrying out cyclic maintenance activities. Follow up checks of the Asset Management System were completed.

**P.S 2**

The night patrol selected for the monitor was: - Tony Howell

Area SM2 (Stafford)

There are 3531 lighting units on this monitor, the patroller Mr Tony Howell found a total of 12 faults with the Engineering Certifier check monitor identifying 4 additional faults resulting in a total of 16 faults recorded. This gave a result of 99.55% lit.

The number of additional faults on this monitor area was inside the acceptable tolerance as the trigger for the monitor to fail is >9 faults.

**P.S 3**

90 randomly selected sites were checked by the service provider for compliance with this Service Standard the EC check monitor of 15 randomly selected units did not reveal any discrepancies.

**P.S 4**

Audits of 8 Emergency Callouts and 12 Non-Routine Maintenance Repairs were made and checked for response times and the updating of the Asset Management System.

**P.S 5**

The Engineering certifier will continue to check 100% of newly completed schemes.

A total of 10 X one off column replacement was inspected during the month.

A total of 190 Invest to Save lantern swaps were inspected during the month.

A minimum of 10% of new designs were checked for compliance with Appendix F.

**P.S 6**

Any non-compliance with the response times shall be recorded by the auditor.

The first internal audit for the period 2023-2024 took place on 11<sup>th</sup> May 2023 at the Derby Staffs PFI office. The results of which have now been published.

The external audit for the period 2023-2024 took place on 3<sup>rd</sup> August 2023 at the Derby Staffs PFI office. The results of which have now been published.

The second internal audit for the period 2023-2024 is due to take place on 5<sup>th</sup> December 2023 at the Derby Staffs PFI office.



## LIGHTING FOR STAFFORDSHIRE

Page 12 of 12

COMPLIANCE WITH PERFORMANCE STANDARDS

Report: September 2023

- 12 -

### **Customer Satisfaction Survey.**

The customer satisfaction survey revealed an overall satisfaction rating of 94.5%

### **Accrual Inspections.**

The Engineering Certifier inspected all accruals submitted for the month.

### **Auxiliary Monitoring / Joint Inspections.**

The auxiliary monitor of 1 stop column and operative inspections took place during the month with the SCC Area Lighting Engineer present.

*G A Salt* ENGINEERING CERTIFIER 30/09/2023

## APPENDIX 3

### AARP Progress Report



Staffordshire PFI Project

Document Reference

Security Clearance

Document Author

Date

PS1a

PFI Team

Christian Downing

04/10/2023

### Performance Standard 1a - AARP BIK4

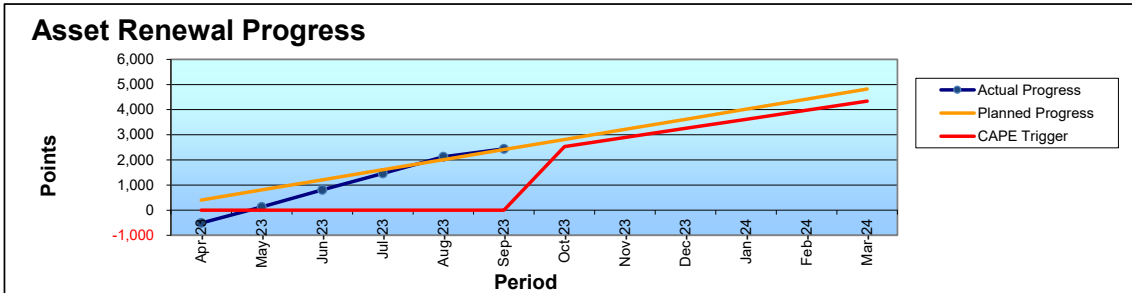
Cumulative to 30th September 2023

Section	Cumulative	Previous	Month
<b>Units:</b>			
Columns	13,977	13,865	112
<b>Total Units</b>	<b>13,977</b>	<b>13,865</b>	<b>112</b>
<b>Points:</b>			
Points	58,570	58,253	317
AARP block 1 column payment deferrals	226	226	0
<b>Total Points</b>	<b>58,796</b>	<b>58,479</b>	<b>317</b>

**Staffordshire PFI Asset Renewal, AARP Block 4 Programme.**  
**April 2023 to March 2028.**



Design Phase	Period	Month	OPERATIONAL PROGRAMME			OPERATIONAL ACTUAL PROGRESS		PERFORMANCE AGAINST PROGRAMME	
			Monthly Planned Output Points	Cuml Planned Output Points	CAPE Trigger Points Value	Monthly Actual Progress	Cuml Actual Progress	Progress Against Op Programme +/-	Progress Against CAPE Trigger +/-
Phase 1	April 2023	1	402	402	n/a	580	-512	-914	n/a
	May 2023	2	402	804	n/a	642	130	-674	n/a
	June 2023	3	402	1,206	n/a	681	811	-395	n/a
Phase 2	July 2023	4	402	1,607	n/a	652	1,463	-144	n/a
	August 2023	5	402	2,009	n/a	660	2,123	114	n/a
	September 2023	6	402	2,411	n/a	317	2,440	29	n/a
Phase 3	October 2023	7	402	2,813	2,532				
	November 2023	8	402	3,215	2,893				
	December 2023	9	402	3,617	3,255				
Phase 4	January 2024	10	402	4,018	3,617				
	February 2024	11	402	4,420	3,978				
	March 2024	12	402	4,822	4,340				
Phase 5	April 2024	13	402	5,224	4,701				
	May 2024	14	402	5,626	5,063				
	June 2024	15	402	6,028	5,425				
Phase 6	July 2024	16	402	6,429	5,786				
	August 2024	17	402	6,831	6,148				
	September 2024	18	402	7,233	6,510				
Phase 7	October 2024	19	402	7,635	6,871				
	November 2024	20	402	8,037	7,233				
	December 2024	21	402	8,439	7,595				
Phase 8	January 2025	22	402	8,840	7,956				
	February 2025	23	402	9,242	8,318				
	March 2025	24	402	9,644	8,680				
Phase 9	April 2025	25	402	10,046	9,041				
	May 2025	26	402	10,448	9,403				
	June 2025	27	402	10,850	9,765				
Phase 10	July 2025	28	402	11,251	10,126				
	August 2025	29	402	11,653	10,488				
	September 2025	30	402	12,055	10,850				
Phase 11	October 2025	31	402	12,457	11,211				
	November 2025	32	402	12,859	11,573				
	December 2025	33	402	13,261	11,934				
Phase 12	January 2026	34	402	13,662	12,296				
	February 2026	35	402	14,064	12,658				
	March 2026	36	402	14,466	13,019				
Phase 13	April 2026	37	402	14,868	13,381				
	May 2026	38	402	15,270	13,743				
	June 2026	39	402	15,672	14,104				
Phase 14	July 2026	40	402	16,073	14,466				
	August 2026	41	402	16,475	14,828				
	September 2026	42	402	16,877	15,189				
Phase 15	October 2026	43	402	17,279	15,551				
	November 2026	44	402	17,681	15,913				
	December 2026	45	402	18,083	16,274				
Phase 16	January 2027	46	402	18,484	16,636				
	February 2027	47	402	18,886	16,998				
	March 2027	48	402	19,288	17,359				
Phase 17	April 2027	49	402	19,690	17,721				
	May 2027	50	402	20,091	18,082				
	June 2027	51	402	20,493	18,444				
Phase 18	July 2027	52	402	20,895	18,805				
	August 2027	53	402	21,296	19,167				
	September 2027	54	402	21,698	19,528				
Phase 19	October 2027	55	402	22,100	19,890				
	November 2027	56	402	22,501	20,251				
	December 2027	57	402	22,903	20,613				
Phase 20	January 2028	58	402	23,305	20,974				
	February 2028	59	402	23,706	21,336				
	March 2028	60	402	24,108	21,697				

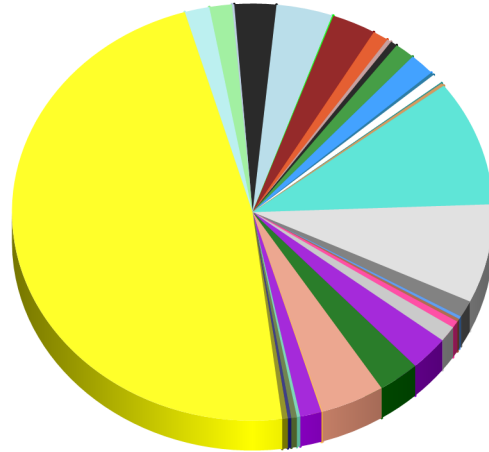


## APPENDIX 4

### Performance Statistics

Monthly Reporting Statistics - Staffordshire PFI  
01 September 2023 to 30 September 2023

Number of Faults by Description



		3	0.23%
	Beacon Out	3	0.23%
	Bollard Out	7	0.53%
	Confirmation	16	1.21%
	Consecutive Lights Out	35	2.65%
	Dayburner	37	2.80%
	Emergency Response	57	4.32%
	Fit Sleeve (Planned Rep)	1	0.08%
	Flickering/Flashing	19	1.44%
	Inspection Required	3	0.23%
	Intermittent	5	0.38%
	Lantern Damage	3	0.23%
	Lantern Missing	5	0.38%
	Light Out	626	47.42%
	New Installation - Non Private Cable	22	1.67%
	New Installation - Planned In Light	20	1.52%
	New Installation - Private Cable	2	0.15%
	New Lantern Required	37	2.80%
	No Supply - Non Private Cable	50	3.79%
	No Supply - Private Cable	1	0.08%
	Painting	39	2.95%
	Permanent Removal	14	1.06%
	Planning Inspection	4	0.30%
	Plate Twisted	6	0.45%
	Pruning	18	1.36%
	Rebuild Foundations	23	1.74%
	Re-number	3	0.23%
	Replace Cutout Non - Private	10	0.76%







E-ON Staffordshire Streetlighting  
EON\_STAFFORDSHIRE

Document Ref:

Issued by: GEOWORKS  
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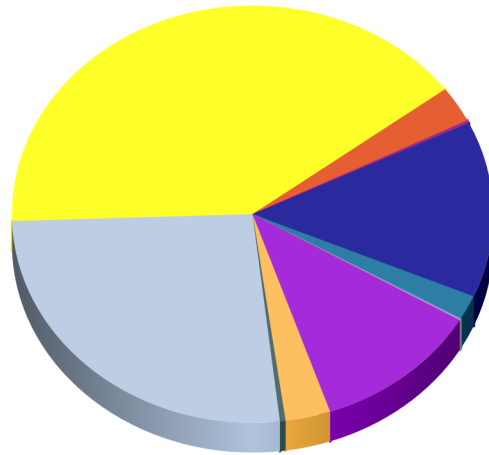
Date: 04 Oct 2023

## Monthly Reporting Statistics - Staffordshire PFI 01 September 2023 to 30 September 2023

	Reset Time Clock	1	0.08%
	School Flasher Out	3	0.23%
	See Comments	129	9.77%
	Sign Out of Light	101	7.65%
	Street Light Dim or Flickering	17	1.29%
	<b>Total:</b>	<b>1320</b>	<b>100%</b>

Monthly Reporting Statistics - Staffordshire PFI  
01 September 2023 to 30 September 2023

Number of Faults by Source

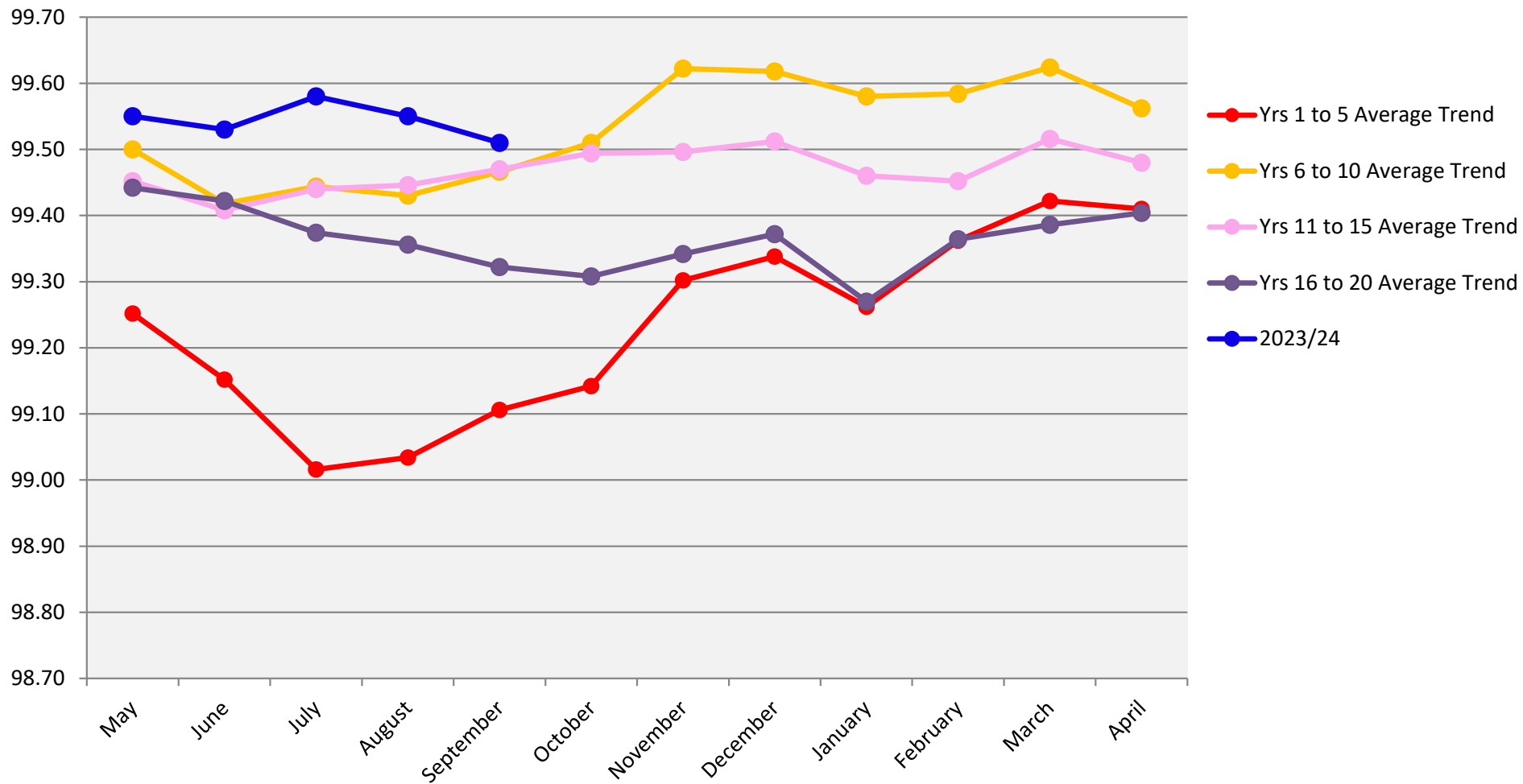


	Clipper Replacement	1	0.08%
	Confirmation	1	0.08%
	Cyclic Maintenance	149	11.29%
	Email	40	3.03%
	Engineering Cert.	5	0.38%
	Local Authority - Web	347	26.29%
	Night Patrol	532	40.30%
	Operative	37	2.80%
	Subcontractor	3	0.23%
	Supervisor	180	13.64%
	Telephoned	25	1.89%
	<b>Total:</b>	<b>1320</b>	<b>100%</b>



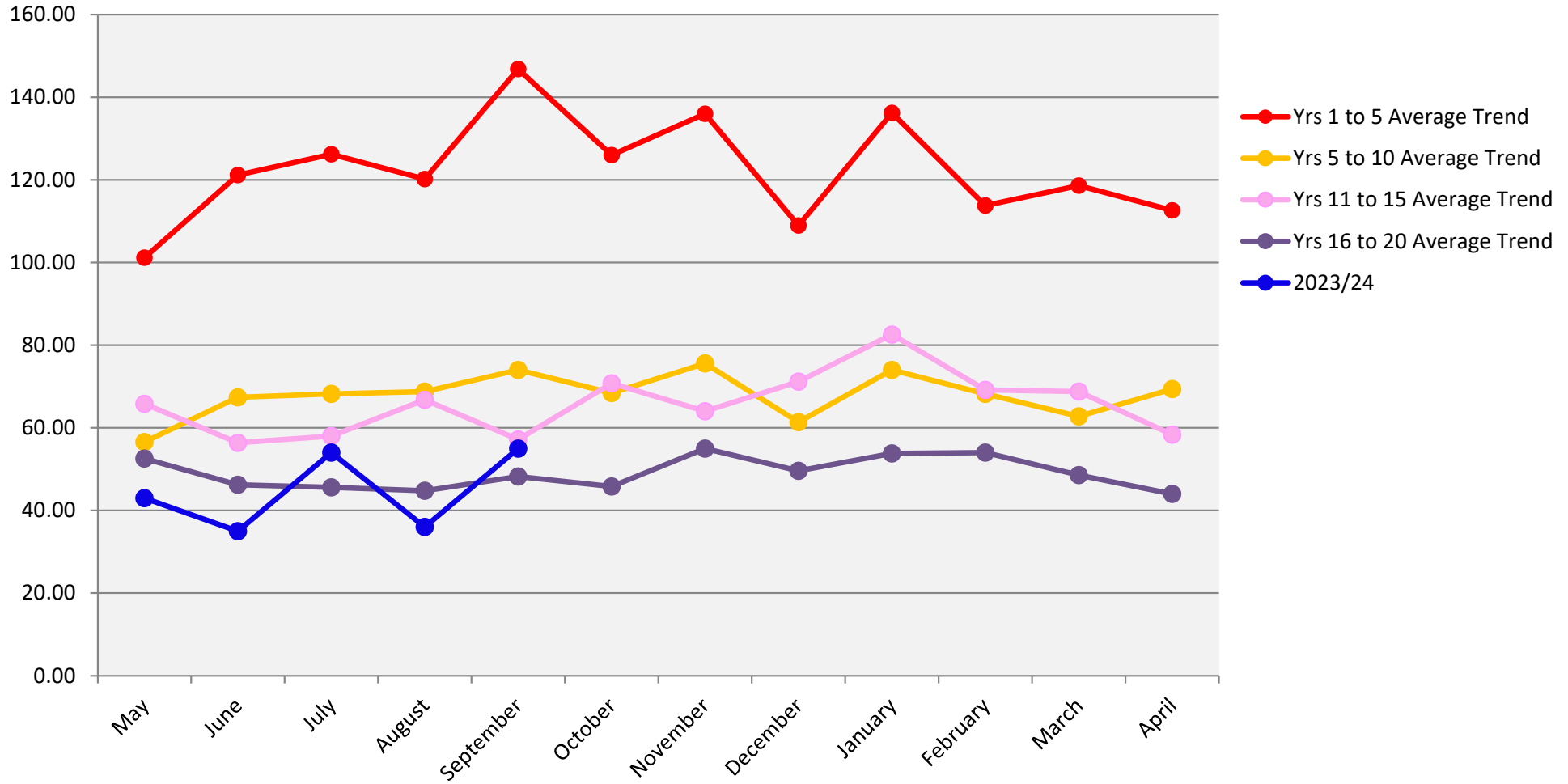


## PS 2 - Percentage of Lighting Equipment Lit



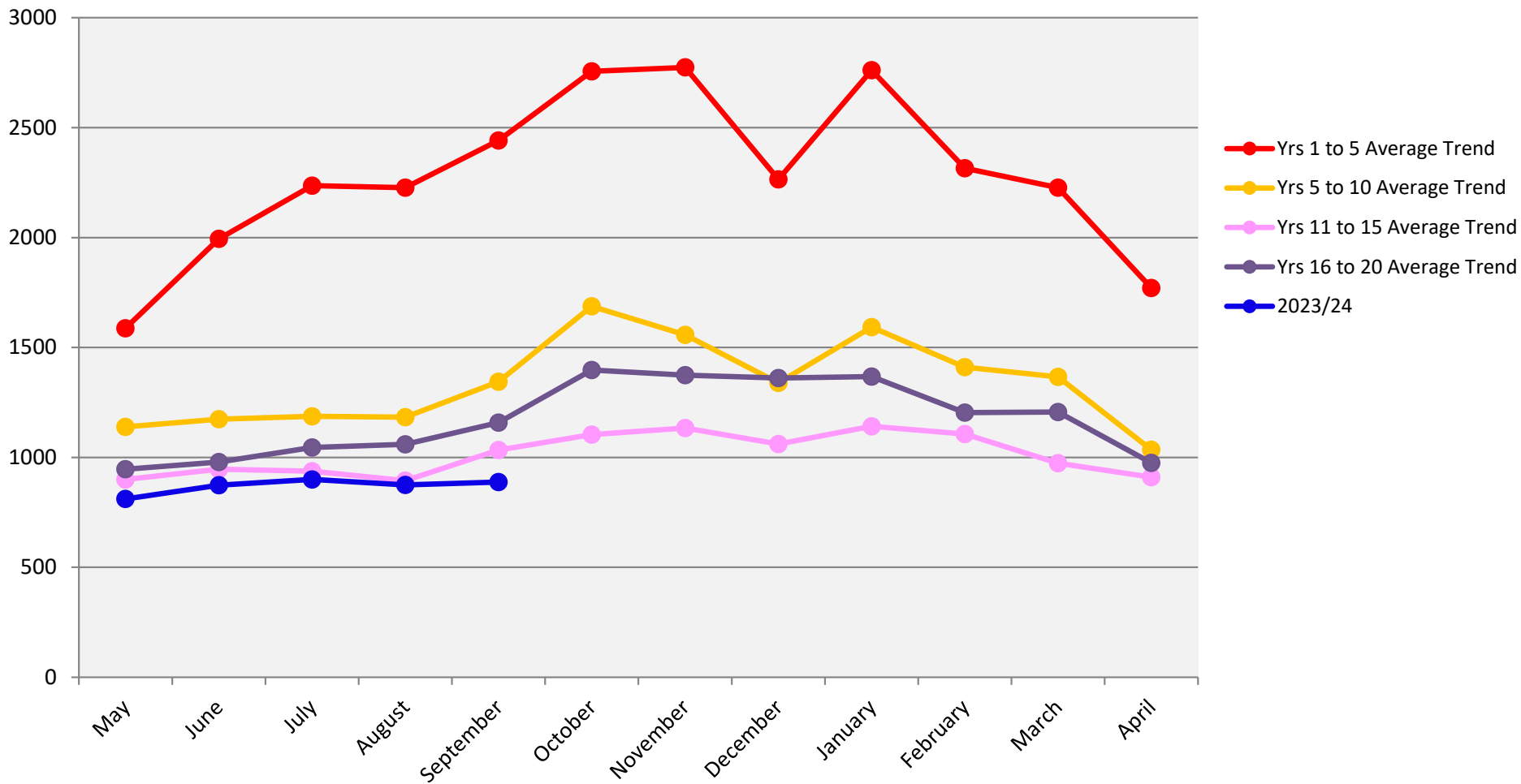


## PS 4a - Emergency Events By Volume





## PS 4b - Fault Repairs By Volume



## APPENDIX 5

### Performance Standard Report

## Performance Standard Report

Report No: 245  
 Period: 1-Sep-23 to 30-Sep-23

### Summary

Monthly Amount (MADt)	1,552,805
Number of days in Period (N)	30
Items of Apparatus at end of previous Period (U)	108,273
Items in all New/Renewed Lighting Systems (T)	62,682
Indexation Factor (RPIFCy)	2.1042

$RPIFCy = (RPIy-1 / RPIo)$

*RPIy-1 @ Feb 2022*

363.6

*RPIo @ Feb 2002*

172.8

£

*RPIFCy*

2.1042

#### PS I(b)

Electrical, Structural & Optical Inspection & Testing

-

#### PS II

Lighting Equipment Lit

-

#### PS III

Photometric Performance

-

#### PS IV

Response to Emergency Events

-

Non-emergency Repairs

-

#### PS V

Design, Installation, Commissioning & Decommissioning

-

#### PS VI

Records and Management

371.64

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**Total Deductions**

**371.64**

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**Staffordshire Street Lighting PFI**  
**Performance Standard Report**

Report No: 245  
1-Sep-23 to 30-Sep-23

**PS 2 - Lighting Equipment Lit**

Deduction =  $MADt \times \{((98 - P) \times 3) + 3\} / 100$

where:

P = Percentage Lit =  $100 - \{(N \times 100) / M\}$

Patrol	Area	Date	M	N		P
BM1	Burton (Victoria, Horninglow, Anslow, Branston)	18.09.2023	2288	15		99.34
BM2	Burton (Burton Town, Stretton)	07.09.23	2098	13		99.38
BM3	Burton (Winshill, Stapenhill)	28.09.2023	2077	11		99.47
BM4	Burton (Shobnall, Waterside)	24.09.2023	2185	12		99.45
BM5	East Staffs (Uttoxeter Heath & South)	25.09.2023	1837	10		99.46
BM6	East Staffs (Mayfield, Denstone, Rocester, Marchington)	15.09.2023	1118	8		99.28
BM7	East Staffs (Tutbury, Rolleston, Barton-u-Needwood, Yoxall, Abbots Bromley)	17.09.2023	1904	5		99.74
CM1	Cannock (Rugeley, Etchinghill, Brereton)	08.09.23	3692	17		99.54
CM2	Cannock (Cannock Wood, Heath Hayes, Chadsmoor, Pye Green)	27.09.2023	4734	13		99.73
CM3	Cannock (Norton Canes, Longford, Hawkes Green)	29.09.2023	4707	13		99.72
CM4	Cannock (Colwich, Weston, Salt)	19.09.2023	1105	7		99.37
LM1	Lichfield (Christchurch, Stowe, Streethay)	04/09/2023	2267	8		99.65
LM2	Lichfield (Boley Park, Sandsfields)	06.09.23	2070	6		99.71
LM3	Lichfield (Whittington, Fazeley, Wiggington, Drayton Basset, Hints)	08.09.2023	1458	4		99.73
LM4	Lichfield (Shenstone, Wall, Hammerwich)	11.09.23	1452	4		99.72
LM5	Lichfield (Chase Terrace, Chasetown, Burntwood)	14.09.2023	2081	13		99.38
LM6	Lichfield (Boney Hay, Longdon, Armitage, Handsacre)	19.09.2023	1740	4		99.77
LM7	Lichfield (Kings Bromley, Alrewas, Mavesyn Ridware)	22.09.2023	1289	5		99.61
MM1	Moorlands (Biddulph, Brown Edge)	06.09.23	2866	11		99.62
MM2	Moorlands (Warslow, Waterhouses, Ipstones, Kingsley)	10.09.23	1034	6		99.42
MM3	Moorlands (Leek, Bradnop, Tittesworth)	12.09.2023	2525	11		99.56
MM4	Moorlands (Cheadle, Alton, Checkley)	14.09.2023	2313	14		99.39
MM5	Moorlands (Cheddleton, Endon and Stanley, Werrington)	20.09.2023	2073	13		99.37
MM6	Moorlands (Draycott, Forsbrook, Caverswall, Dilhorne)	17.09.2023	980	3		99.69
NM1	Newcastle (Porthill, Wolstanton, Maybank, Thistleberry, Clayton)	05.09.2023	3119	19		99.39
NM2	Newcastle (Newchapel, Kidsgrove, Butt Lane, Talke)	07.09.23	2894	12		99.59
NM3	Newcastle (Town Ward, Silverdale)	11.09.23	2600	16		99.38
NM4	Newcastle (Holditch, Cross Heath, Westlands, Seabridge)	13.09.23	2671	14		99.48

**Staffordshire Street Lighting PFI**  
**Performance Standard Report**

Report No: 245  
1-Sep-23 to 30-Sep-23

**PS 2 - Lighting Equipment Lit**

Deduction =  $MADt \times \{((98 - P) \times 3) + 3\} / 100$

where:

P = Percentage Lit =  $100 - \{(N \times 100) / M\}$

Patrol	Area	Date	M	N		P
NM5	Newcastle (Chesterton, Bradwell, Halmerend)	19.9.2023	2350	18		99.23
NM6	Newcastle (Subways)	18.09.2023	405	1		99.75
OM1	Mid Staffs (Audley, Bignall End, Betley, Madeley, Keele, Ashley)	24.09.2023	2462	11		99.55
OM2	Mid Staffs (Swynnerton, Barlaston, Fulford, Stone)	18.09.2023	3988	21		99.47
OM3	Mid Staffs (Stone Rural, Titensor, Swynerton)	21.09.2023	1137	17		98.50
PM1	South Staffs (Dunston, Huntington, Penkridge, Brewood)	26.09.2023	3043	12		99.61
PM2	South Staffs (Cheslyn Hay, Great Wyrley, Essington, Featherstone)	27.09.2023	3583	15		99.58
PM3	South Staffs (Codsall, Perton, Patshull, Patteringham)	28.09.2023	2984	12		99.60
PM4	South Staffs (Lower Penn, Wombourne, Swindon, Himley, Kinver)	25.09.2023	2916	14		99.52
SM1	South Staffs (Lower Penn, Wombourne, Swindon, Himley, Kinver)	23.09.2023	4354	16		99.63
SM2	Stafford (Littleworth, Rising Brook, Highfields, Rowley)	13.09.2023	3524	12		99.66
SM3	Stafford (Creswell, Seighford, Gnosall, Eccleshall)	14.09.2023	1196	7		99.41
SM4	Stafford (Baswich, Weeping Cross, Wildwood)	06.09.2023	1754	8		99.54
SM5	Stafford	15.09.2023	37	0		100.00
TM1	Tamworth (The Leys, Leyfields)	12.09.2023	2452	14		99.43
TM2	Tamworth (Bolehall, Amington, Glascote)	26.09.2023	2584	20		99.23
TM3	Tamworth (Stonydelph, Belgrave)	28.09.2023	2205	16		99.27
TM4	Tamworth (Wiinecote, Dosthill, Kettlebrook)	20.09.2023	3221	26		99.19
TM5	Tamworth (Cycle Routes)	21.09.2023	478	3		99.37
TM6	Tamworth (Cycle Routes)	29.09.2023	637	4		99.37
			<b>108,487</b>	<b>534</b>		<b>99.51</b>

**Total Deduction - PS 2**

-



**Staffordshire Street Lighting PFI**  
**Performance Standard Report**

Report No: 245  
Period: 1-Sep-23 to 30-Sep-23

**PS 3 - Photometric Performance**

Deduction = ((MADt/U) x (N/S) x T) x 5

where:

N = no. of failures recorded

S = no. of lighting systems sampled

CID	Street	Unit #	Target	Actual	Variance	Sampled (S) enter '1' or '0'	Failures (N) enter '1' or '0'
12279	PRINCES DRIVE CODSALL Codsall - Perton	6	14.1	51	36.9	1	0
228686	QUEENS GARDENS CODSALL Codsall - Perton	3	14.1	47.7	33.6	1	0
109807	LEE GROVE SEABRIDGE Seabridge - Newcastle	1	14.1	54.4	40.3	1	0
228692	LIME TREE ROAD CODSALL Codsall - Perton	6	14.1	52.5	38.4	1	0
104230	PEACOCK ROAD CHESTERTON Chesterton - Newcastle	2	41.5	54.4	12.9	1	0
109824	LIDGATE WALK NEWCASTLE Seabridge - Newcastle	1	14.1	33.1	19	1	0
114249	AUDLEY PLACE NEWCASTLE Westlands - Newcastle	3	14.1	46.7	32.6	1	0
120941	LEASWOOD PLACE CLAYTON Clayton - Newcastle	14	14.1	36.5	22.4	1	0
102707	CALVERT GROVE NEWCASTLE Bradwell - Newcastle	2	14.1	52.9	38.8	1	0
236716	ANGLESEY ROAD LICHFIELD Christchurch - Lichfield	1	14.1	33.9	19.8	1	0
112351	THISTLEBERRY AVENUE TH/BERRY Thistleberry - Newcastle	24	36.2	38.5	2.3	1	0
228706	FARM CLOSE CODSALL Codsall - Perton	2	14.1	30.6	16.5	1	0
228706	FARM CLOSE CODSALL Codsall - Perton	2	14.1	31	16.9	1	0
109847	MEDWAY PLACE SEABRIDGE Seabridge - Newcastle	1	14.1	48.9	34.8	1	0
235168	THE PASTURES PERTON Perton - Perton	1	14.1	53.3	39.2	1	0
38158	LUNNS CROFT STOWE LICHFIELD Stowe - Lichfield	2	14.1	49.9	35.8	1	0
38177	MANLEY ROAD STOWE LICHFIELD Stowe - Lichfield	2	14.1	51.4	37.3	1	0
38158	LUNNS CROFT STOWE LICHFIELD Stowe - Lichfield	2	14.1	51	36.9	1	0
38177	MANLEY ROAD STOWE LICHFIELD Stowe - Lichfield	2	14.1	51.3	37.2	1	0
236887	ST JOHNS CLOSE LICHFIELD Sandfields - Lichfield	2	14.1	32.3	18.2	1	0
236887	ST JOHNS CLOSE LICHFIELD Sandfields - Lichfield	2	14.1	32.8	18.7	1	0
242448	SUTHERLAND DRIVE WESTLANDS Westlands - Newcastle	2	36.9	48.5	11.6	1	0
236984	CHRISTCHURCH LANE LICHFIELD Sandfields - Lichfield	18	14.1	58	43.9	1	0
104230	PEACOCK ROAD CHESTERTON Chesterton - Newcastle	2	41.5	44.1	2.6	1	0
242448	SUTHERLAND DRIVE WESTLANDS Westlands - Newcastle	2	36.9	48.8	11.9	1	0
245940	FOX LANE ALREWAS Alrewas - Lichfield	7	19.3	32.6	13.3	1	0
245940	FOX LANE ALREWAS Alrewas - Lichfield	7	19.3	33	13.7	1	0
120941	LEASWOOD PLACE CLAYTON Clayton - Newcastle	14	14.1	36.7	22.6	1	0
38158	LUNNS CROFT STOWE LICHFIELD Stowe - Lichfield	2	14.1	55.8	41.7	1	0
38158	LUNNS CROFT STOWE LICHFIELD Stowe - Lichfield	2	14.1	52.6	38.5	1	0
235168	THE PASTURES PERTON Perton - Perton	1	14.1	57.6	43.5	1	0
236887	ST JOHNS CLOSE LICHFIELD Sandfields - Lichfield	2	14.1	40.1	26	1	0
11814	BEECH GARDENS CODSALL Codsall - Perton	1	14.1	34.9	20.8	1	0
247212	ST VINCENT PLACE SILVERDALE Silverdale - Newcastle	2	14.1	40.1	26	1	0
247212	ST VINCENT PLACE SILVERDALE Silverdale - Newcastle	2	14.1	39	24.9	1	0
114249	AUDLEY PLACE NEWCASTLE Westlands - Newcastle	3	14.1	47.6	33.5	1	0
230362	SNEYD TERRACE SILVERDALE Silverdale - Newcastle	2	55.5	81.6	26.1	1	0
247212	ST VINCENT PLACE SILVERDALE Silverdale - Newcastle	2	14.1	36.9	22.8	1	0
38158	LUNNS CROFT STOWE LICHFIELD Stowe - Lichfield	2	14.1	49.4	35.3	1	0
102707	CALVERT GROVE NEWCASTLE Bradwell - Newcastle	2	14.1	51.8	37.7	1	0
109807	LEE GROVE SEABRIDGE Seabridge - Newcastle	1	14.1	52.1	38	1	0
236716	ANGLESEY ROAD LICHFIELD Christchurch - Lichfield	1	14.1	37.2	23.1	1	0
226065	KENTMERE PLACE WESTLANDS Westlands - Newcastle	7	14.1	33	18.9	1	0
226065	KENTMERE PLACE WESTLANDS Westlands - Newcastle	7	14.1	32.7	18.6	1	0
228706	FARM CLOSE CODSALL Codsall - Perton	2	14.1	34	19.9	1	0
15238982	BLOOMFIELD CRESCENT LICHFIELD Christchurch - Lichfield	3	29.4	76.6	47.2	1	0

**Staffordshire Street Lighting PFI  
Performance Standard Report**

Report No: 245  
Period: 1-Sep-23 to 30-Sep-23

**PS 3 - Photometric Performance**

Deduction = ((MADt/U) x (N/S) x T) x 5

where:

N = no. of failures recorded

S = no. of lighting systems sampled

CID	Street	Unit #	Target	Actual	Variance	Sampled (S) enter '1' or '0'	Failures (N) enter '1' or '0'	
15244375	COLINWOOD CLOSE GREAT WYRLEY	Great Wyrley - Perton	2	21.8	24.2	2.4	1	0
38177	MANLEY ROAD STOWE LICHFIELD	Stowe - Lichfield	2	14.1	48.4	34.3	1	0
228686	QUEENS GARDENS CODSALL	Codsall - Perton	3	14.1	46	31.9	1	0
15245440	CANTERBURY CLOSE LICHFIELD	Stowe - Lichfield	3	14.1	0	-14.1	1	0
15245440	CANTERBURY CLOSE LICHFIELD	Stowe - Lichfield	3	14.1	14.6	0.5	1	0
237690	ALDEBURGH DRIVE NEWCASTLE	Seabridge - Newcastle	3	14.1	47.4	33.3	1	0
237690	ALDEBURGH DRIVE NEWCASTLE	Seabridge - Newcastle	3	14.1	47.5	33.4	1	0
247211	HOWE GROVE SILVERDALE	Silverdale - Newcastle	1	14.1	38.7	24.6	1	0
15245440	CANTERBURY CLOSE LICHFIELD	Stowe - Lichfield	3	14.1	14.49	0.39	1	0
109807	LEE GROVE SEABRIDGE	Seabridge - Newcastle	1	14.1	45.9	31.8	1	0
CIP20005640	MILL GROVE BILBROOK	Perton - Perton	3	16.6	20.8	4.2	1	0
242448	SUTHERLAND DRIVE WESTLANDS	Westlands - Newcastle	2	36.9	21.32	-15.58	1	0
CIP20011304	THE HOLLIES CROSS HEATH	Cross Heath - Newcastle	4	16.8	25.5	8.7	1	0
3274443	SHERIFFS CLOSE LICHFIELD	Boley Park - Lichfield	3	14.1	19.36	5.26	1	0
38503	ROMILLY CLOSE LICHFIELD	Boley Park - Lichfield	1	25.1	48.8	23.7	1	0
38503	ROMILLY CLOSE LICHFIELD	Boley Park - Lichfield	1	25.1	34.3	9.2	1	0
245641	ST MARYS DRIVE THISTLEBERRY	Thistleberry - Newcastle	2	14.1	17.16	3.06	1	0
38503	ROMILLY CLOSE LICHFIELD	Boley Park - Lichfield	1	25.1	28.1	3	1	0
CIP20017207	STAFFORD ROAD LICHFIELD	Christchurch - Lichfield	3	21.1	19.27	-1.83	1	0
111952	HILLSIDE THISTLEBERRY	Thistleberry - Newcastle	1	25.1	19.47	-5.63	1	0
19197	THORNBURY COURT PERTON	Perton - Perton	1	25.1	29.7	4.6	1	0
18531	LYTHAM ROAD PERTON	Perton - Perton	5	14.1	14.15	0.05	1	0
235168	THE PASTURES PERTON	Perton - Perton	1	14.1	17.53	3.43	1	0
12059	HAWTHORNE LANE CODSALL	Codsall - Perton	2	29.4	36	6.6	1	0
11814	BEECH GARDENS CODSALL	Codsall - Perton	1	14.1	17.98	3.88	1	0
228686	QUEENS GARDENS CODSALL	Codsall - Perton	3	14.1	18.02	3.92	1	0
12279	PRINCES DRIVE CODSALL	Codsall - Perton	6	14.1	14.11	0.01	1	0
CIP20010414	MEADOW VALE CODSALL	Codsall - Perton	4	16.8	19.77	2.97	1	0
228706	FARM CLOSE CODSALL	Codsall - Perton	2	14.1	18.54	4.44	1	0
CIP20010192	SANDY LANE CODSALL	Codsall - Perton	6	7.9	9.56	1.66	1	0
212011	THE FIELDS BILBROOK	Codsall - Perton	2	14.1	21.67	7.57	1	0
228692	LIME TREE ROAD CODSALL	Codsall - Perton	6	14.1	18.53	4.43	1	0
CIP20005640	MILL GROVE BILBROOK	Perton - Perton	3	16.6	13.81	-2.79	1	0
243042	WILLOW GROVE ESSINGTON	Essington - Perton	1	14.1	17.45	3.35	1	0
12922	ROWAN DRIVE ESSINGTON	Essington - Perton	2	25.1	29.17	4.07	1	0
12620	BIRCHWOOD CLOSE ESSINGTON	Essington - Perton	3	25.1	26.91	1.81	1	0
13152	CRANESBILL CLOSE FEATHERSTONE	Featherstone - Perton	2	25.1	24.69	-0.41	1	0
13343	SORREL CLOSE FEATHERSTONE	Featherstone - Perton	2	25.1	28.7	3.6	1	0
15233245	RAVEN CLOSE GREAT WYRLEY	Great Wyrley - Perton	1	14.1	23.89	9.79	1	0
15239015	MOUNT PLEASANT CHESLYN HAY	Cheslyn Hay - Perton	2	14.1	20.68	6.58	1	0
3278498	QUEEN STREET CHESLYN HAY	Cheslyn Hay - Perton	5	14.1	23.9	9.8	1	0
207891	FOREST GLADE GREAT WYRLEY	Great Wyrley - Perton	1	25.1	43.1	18	1	0
15244654	ORION CLOSE GREAT WYRLEY	Great Wyrley - Perton	2	14.1	25.29	11.19	1	0
119863	CORNHILL CLOSE CHESTERTON	Chesterton - Newcastle	1	25.1	34	8.9	1	0





# Performance Standard Report

Report No: 245  
 01/11/2013 1-Sep-23 to 30-Sep-23

## PS 5 - Design, Installation, Commissioning / Decommissioning

Deduction = (MADt/U) x M x 15 x {1.1^(M-1)}

where:

M = no. of reported consecutive elapsed months non-compliant

System Reference	Unit	M	£
No non-compliant systems in month			-
			-
			-
			-
			-
			-
			-
			-
			-
			-
			-
			-
			-
			-
			-
			-
			-
			-
			-
			-
			-
			-
<b>Total Deduction - PS 5</b>			-

## Performance Standard Report

Report No: 245  
1-Sep-23 to 30-Sep-23

### PS 6 - Records & Management

Deduction = £50 x RPIFCy x W x M x {1.1<sup>(M-1)</sup>}

where:

M = no. of consecutive elapsed days exceeding response time

Activity	Weighting	M	£ per activity	No.	£ Total
Data Entry 1 day late	0.1	1	10.52	8	84.17
Data Entry 2 days late	0.1	2	23.15	10	231.46
Data Entry 3 days late	0.1	3	38.19		-
Data Entry 4 days late	0.1	4	56.01	1	56.01
Data Entry 5 days late	0.1	5	77.02		-
Data Entry 6 days late	0.1	6	101.66		-
Data Entry 7 days late	0.1	7	130.47		-
Data Entry 8 days late	0.1	8	164.02		-
Data Entry 9 days late	0.1	9	202.97		-
Data Entry 10 days late	0.1	10	248.08		-
Data Entry 12 days late	0.1	12	360.21		-
Data Entry 13 days late	0.1	13	429.25		-
Data Entry 14 days late	0.1	14	508.49		-
Data Entry 16 days late	0.1	16	703.17		-
Data Entry 19 days late	0.1	19	1,111.40		-
Data Entry 20 days late	0.1	20	1,286.89		-
Data Entry 28 days late	0.1	28	3,861.99		-
<b><u>Customer Care</u></b>					
Telephone answer/response %	0.5	1	52.60		-
Written correspondence	0.1	14	508.49		-
Consultation for Asset Renewal	5	1	526.04		-
Notify property owners	5	1	526.04		-
AMS energy accuracy	1	1	105.21		-
Publish customer care charter	1	1	105.21		-
Update & republish charter	1	1	105.21		-
Update & republish website	1	1	105.21		-

## Performance Standard Report

Report No: 245  
1-Sep-23 to 30-Sep-23

### PS 6 - Records & Management

Deduction = £50 x RPIFCy x W x M x {1.1<sup>(M-1)</sup>}

where:

M = no. of consecutive elapsed days exceeding response time

Activity	Weighting	M	£ per activity	No.	£ Total
Freephone facility	1	1	105.21	-	-
Annual reports	0.5	1	52.60	-	-
Update competence register	0.5	1	52.60	-	-
Council request for meeting	5	1	526.04	-	-
Submit SARP as Appx 'M'	1	1	105.21	-	-
<b>Total Deduction - PS 6</b>					<b>371.64</b>