

B PTAL Analysis

Project name	Reading Met
Sheet name	Service Information
Scenario	Proposed Network - Location 1
Version number	Reading Met

Bus Services		Distance to Stop (metres)	Peak Headway (minutes)	Off-Peak Headway (minutes)
	Service			
	22	10	60	60
	23	10	30	30
	24	10	30	30
	25	10	30	60
	27	10	30	60
	42	10	40	40

Underground Services	Service	Distance to Stop (metres)	Peak Headway (minutes)	Off-Peak Headway (minutes)

		Distance to		Off-Peak
	Service	Stop (metres)	Peak Headway (minutes)	Headway (minutes)
Rail Services	London Paddington	50	5	7
	Gatwick Airport	50	60	60
	Guildford	50	20	30
	Bournemouth	50	60	60
	Didcot Parkway	50	15	15
	Bristol Parkway	50	30	30
	Swindon	50	12	12
	Oxford	50	15	15
	Penzance	50	60	60
	Cardiff	50	30	30
	Newcastle	50	60	60
	Basingstoke	50	15	15
	Newbury	50	20	20
	Bristol Temple Meads	50	30	30
	Moreton in Marsh	50	30	60
	London Waterloo	50	30	30
	Swansea	50	60	60
	Manchester Picadilly	50	60	60
	Weston-Super-Mare	50	60	60
	Paignton	50	60	60
Redhill	50	30	30	

The diagram consists of a large rectangle with a black border. This rectangle is partitioned into three distinct colored regions. A vertical yellow strip occupies the leftmost portion of the rectangle. The remaining area to the right of the yellow strip is further divided by a horizontal light blue strip that runs across the top. The largest region, which occupies the bottom and right portions of the rectangle, is colored light orange.

Project name	Reading Met
Sheet name	Peak EDF Calculation
Scenario	Proposed Network - Location 1
Version number	Reading Met

Bus Services			Walk Distance (metres)	Average Wait Time (minutes)	Walk Time (minutes)	Access Time (minutes)	Service Weighting	EDF Calculation
	Service	Headway (minutes)						
	22	60	10	8.0	0.1	8.1	Maximum	3.7
	23	30	10	8.0	0.1	8.1	Minimum	1.8
	24	30	10	8.0	0.1	8.1	Minimum	1.8
	25	30	10	8.0	0.1	8.1	Minimum	1.8
	27	30	10	8.0	0.1	8.1	Minimum	1.8
	42	40	10	8.0	0.1	8.1	Minimum	1.8
	Total							12.9

Underground Services	Service	Headway (minutes)	Walk Distance (metres)	Average Wait Time (minutes)	Walk Time (minutes)	Access Time (minutes)	Service Weighting	EDF Calculation
	Total							0.0

Rail Services			Walk	Average		Access		
	Service	Headway (minutes)	Distance (metres)	Wait Time (minutes)	Walk Time (minutes)	Time (minutes)	Service Weighting	EDF Calculation
	London Paddington	5	50	3.3	0.6	3.9	Maximum	7.7
	Gatwick Airport	60	50	12.0	0.6	12.6	Minimum	1.2
	Guildford	20	50	10.8	0.6	11.4	Minimum	1.3
	Bournemouth	60	50	12.0	0.6	12.6	Minimum	1.2
	Didcot Parkway	15	50	8.3	0.6	8.9	Minimum	1.7
	Bristol Parkway	30	50	12.0	0.6	12.6	Minimum	1.2
	Swindon	12	50	6.8	0.6	7.4	Minimum	2.0
	Oxford	15	50	8.3	0.6	8.9	Minimum	1.7
	Penzance	60	50	12.0	0.6	12.6	Minimum	1.2
	Cardiff	30	50	12.0	0.6	12.6	Minimum	1.2
	Newcastle	60	50	12.0	0.6	12.6	Minimum	1.2
	Basingstoke	15	50	8.3	0.6	8.9	Minimum	1.7
	Newbury	20	50	10.8	0.6	11.4	Minimum	1.3
	Bristol Temple Meads	30	50	12.0	0.6	12.6	Minimum	1.2
	Moreton in Marsh	30	50	12.0	0.6	12.6	Minimum	1.2
	London Waterloo	30	50	12.0	0.6	12.6	Minimum	1.2
	Swansea	60	50	12.0	0.6	12.6	Minimum	1.2
	Manchester Picadilly	60	50	12.0	0.6	12.6	Minimum	1.2
Weston-Super-Mare	60	50	12.0	0.6	12.6	Minimum	1.2	
Paignton	60	50	12.0	0.6	12.6	Minimum	1.2	
Redhill	30	50	12.0	0.6	12.6	Minimum	1.2	
Total								34.1

Boat Services	Service	Headway (minutes)	Walk Distance (metres)	Average Wait Time (minutes)	Walk Time (minutes)	Access Time (minutes)	Service Weighting	EDF Calculation
	Total							0.0

Project name	Reading Met
Sheet name	Off-Peak EDF Calculation
Scenario	Proposed Network - Location 1
Version number	Reading Met

Bus Services	Service	Headway (minutes)	Walk Distance (metres)	Average Wait Time (minutes)	Walk Time (minutes)	Access Time (minutes)	Service Weighting	EDF Calculation
	22	60	10	8.0	0.1	8.1	Maximum	3.7
	23	30	10	8.0	0.1	8.1	Minimum	1.8
	24	30	10	8.0	0.1	8.1	Minimum	1.8
	25	60	10	8.0	0.1	8.1	Minimum	1.8
	27	60	10	8.0	0.1	8.1	Minimum	1.8
	42	40	10	8.0	0.1	8.1	Minimum	1.8
	Total							12.9

Underground Services	Service	Headway (minutes)	Walk Distance (metres)	Average Wait Time (minutes)	Walk Time (minutes)	Access Time (minutes)	Service Weighting	EDF Calculation
	Total							0.0

Rail Services	Service	Headway (minutes)	Walk Distance (metres)	Average Wait Time (minutes)	Walk Time (minutes)	Access Time (minutes)	Service Weighting	EDF Calculation
	London Paddington	7	50	4.3	0.6	4.9	Maximum	6.2
	Gatwick Airport	60	50	12.0	0.6	12.6	Minimum	1.2
	Guildford	30	50	12.0	0.6	12.6	Minimum	1.2
	Bournemouth	60	50	12.0	0.6	12.6	Minimum	1.2
	Didcot Parkway	15	50	8.3	0.6	8.9	Minimum	1.7
	Bristol Parkway	30	50	12.0	0.6	12.6	Minimum	1.2
	Swindon	12	50	6.8	0.6	7.4	Minimum	2.0
	Oxford	15	50	8.3	0.6	8.9	Minimum	1.7
	Penzance	60	50	12.0	0.6	12.6	Minimum	1.2
	Cardiff	30	50	12.0	0.6	12.6	Minimum	1.2
	Newcastle	60	50	12.0	0.6	12.6	Minimum	1.2
	Basingstoke	15	50	8.3	0.6	8.9	Minimum	1.7
	Newbury	20	50	10.8	0.6	11.4	Minimum	1.3
	Bristol Temple Meads	30	50	12.0	0.6	12.6	Minimum	1.2
	Moreton in Marsh	60	50	12.0	0.6	12.6	Minimum	1.2
	London Waterloo	30	50	12.0	0.6	12.6	Minimum	1.2
	Swansea	60	50	12.0	0.6	12.6	Minimum	1.2
	Manchester Picadilly	60	50	12.0	0.6	12.6	Minimum	1.2
	Weston-Super-Mare	60	50	12.0	0.6	12.6	Minimum	1.2
	Paignton	60	50	12.0	0.6	12.6	Minimum	1.2
	Redhill	30	50	12.0	0.6	12.6	Minimum	1.2
	Total							32.4

Boat Services	Service	Headway (minutes)	Walk Distance (metres)	Average Wait Time (minutes)	Walk Time (minutes)	Access Time (minutes)	Service Weighting	EDF Calculation
	Total							0.0

Project name	Reading Met
Sheet name	Development PTAL Summary
Scenario	Proposed Network - Location 1
Version number	Reading Met v1

PTAL	Service	Peak PTAI	Off-Peak PTAI
	Bus	12.9	12.9
	Underground	0.0	0.0
	Rail	166.9	32.4
	Boat	0.0	0.0
	Development PTAI	179.8	45.3
	Development PTAL	6b	6b

Development Summary	Reading Met			
	The PTAL level of the development during the period			
			8-9am and 5-6pm	is level 6b
	This level of Public Transport Accessibility is Excellent			
	The PTAL level of the development during the period			
			Daytime	is level 6b
	This level of Public Transport Accessibility is Excellent			