

# CITY BUS SERVICE



**JUNE 2024**

# BACKGROUND AND FACTS ABOUT CITY BUS SERVICE

- ✓ City bus was started in 1999 by Thimphu Municipal Corporation with 4 buses
- ✓ The responsibility of City Bus service transferred to Bhutan Post in April 2001 based on the directives from the Royal Government of Bhutan (conveyed through letter no. CCM/03/00/756, dated 7/12/2000)
- ✓ Operates based on the subsidy received from the Government (expenditure minus revenue-gap)
- ✓ The management of City Bus Service has been transferred to Thimphu Thromde vide cabinet directive bearing number - C-3/45/2020/407 Dated: 9<sup>th</sup> January, 2020.
- ✓ The latest Cabinet Order - C-3/155/2023/1848, October 31, 2023 has directed the MoF and MoIT to develop a proposal to institute a State Owned Enterprise to provide City Bus Service in all Thromde(s) across the country.

# Current Bus Fleet

Type	Numbers	Year of Purchase	Remarks
Toyota Coaster	11 <i>2 at Pling</i>	2008	2 in Pling
<b>TATA</b>	<i>5</i>	<b>2012</b>	<b>2 in Pling, 3 surrendered in 2022</b>
Golden Dragon	<i>11</i> <i>6 surrenderd</i>	2012	6 surrendered in 2022
<b>GAC</b>	<i>4</i>	<b>2012</b>	<b>Surrendered in 2022</b>
Eicher	<i>18</i>	2017	
SML Isuzu	<i>27</i>	2021	
Skywell Electric Bus	<i>1</i>	2023	
Golden Dragon Bus	<i>5</i>		Being surrendered

# Frequency and Routes

- ✓ Currently operates on 17 routes during day and 5 routes during night time.
- ✓ Every 8 minutes during peak hours and 16 minutes during lean hours on trunk lane. On subsidiary lane, 15 minutes during peak hours and 30 minutes lean hours.
- ✓ Night service, 30 minutes during peak hours and 1 hour during lean hours.
- ✓ Service starts at 7 AM in the morning and ends at 12:30 AM.

	<b>Peak Hour</b>	<b>Off-peak Hour</b>
<b>Timing</b>	<b>7AM – 9:30AM 3PM – 6:30PM</b>	<b>9:30AM – 3PM</b>

# Routes:

Sl. No.	Day Route	Number of Buses
1.	Ngabiphu to Dechenchholing via Hospital	5 buses
2.	Ngabiphu to Dechenchholing via town	5 buses
3.	Dechenchholing to Ngabiphu via Hospital	5 buses
4.	Dechenchholing to Ngabiphu via town	5 buses
5.	Babesa via old highway	4 buses
6.	Serbithang	2 buses
7.	Debsi Phakha	1 bus
8.	Ngabiphu/RTC	2 buses
9.	Motithang via Thanguzam	2 buses
10.	Motithang via Memorial Chorten	1 bus
11.	Motithang via Kawajangsa	1 bus
12.	Motithang via Zilukha	1 bus
13.	Motithang via MoIC, Changangkha Parking, Tashi BOD, Jigme Namgyel School and return via Zilukha.	1 bus
14.	Kuenselphodrang	2 bus
15.	Hongtsho	1 bus

# Routes:

Sl. No.	Night Route	Number of Buses
1.	City Bus Terminal to Dechhencholing	2 buses
2.	City Bus Terminal to Babesa via old highway	2 buses
3.	City Bus Terminal to Babesa via Expressway	2 buses
4.	Motithang via langjophakha, Thangu zam, Changlam	1 bus
5.	Motithang via Thangu Zam, Druk School, Changangkha, Motithang and return via Zilukha	1 bus

<b>Buses on route</b>	<b>46 buses</b>
Back up bus Pamtsho via town	1 bus
Back up bus Pamtsho via Hospital	1 bus
Desuup duty	1 bus
Total buses on duty	50 buses
Off road buses	4 buses
Spare buses	5 buses
Total Buses	59 buses

# Operational Staff

Sl. No.	Designation	Strength	Remarks
1.	Director	1	
2.	Manager	2	
3.	Operation and Maintenance	19	
3.	AFHRD	5	
4.	ICT	5	
5.	Night Guard	2	
6.	Drivers	63	
	<b>Total staff strength</b>	<b>97</b>	

## INCOME & EXPENDITURE SUMMARY CBS

Sl. No.	Year	Expenses (Nu)	Income (Nu)	Deficit (Nu)	Subsidy Received
1	July 2011-June 2012	20,404,377.29	11,428,578.00	8,975,799.29	8.892
2	July 2012-June 2013	29,645,000.00	16,663,648.00	12,981,352.00	13.351
3	July 2013-June 2014	35,338,214.09	17,189,952.00	18,148,262.09	16.135
4	July 2014-June 2015	39,630,373.67	18,763,768.00	20,866,605.67	20.391
5	July 2015-June 2016	42,940,091.87	15,030,561.91	27,909,529.96	13.297
6	July 2016 – June 2017	54,046,227.83	19,043,902.16	35,002,325.67	35.00
7	July 2017 – June 2018	64,689,370.65	25,838,061.35	38,851,309.30	38.85
8	July 2018 – June 2019	63,387,322.03	22,841,470.10	38,540,565.22	38.54
9	July 2019 – June 2020	57,172,227.95	15,400,615.00	24,952,464.89	24.95
10	July 2020 – June 2021	53,531,528.96	9,267,011.96	44,264,517.00	44.26
11	July, 2021 to June 2022	66,075,155.66	26,551,820.83	39,523,334.83	39.52

Month	July	August	September	October	November	December	January	February	March	April	May	June	Total	
Revenue	5,106,182.85	5,571,402.75	5,302,718.10	5,051,533.48	4,760,602.46	4,318,959.45	4,262,381.66	4,351,698.05	6,171,417.43	5,711,388.23	5,951,516.41	5,343,649.20	61,903,450.07	61.90
Expenditure	5,858,897.62	9,710,368.75	9,082,808.79	6,148,731.09	9,852,241.97	7,539,748.50	12,408,443.68	5,105,893.15	8,953,658.91	5,798,283.51	7,164,200.48	10,304,475.26	97,927,751.71	97.93
Deficit	(752,714.77)	(4,138,966.00)	(3,780,090.69)	(1,097,197.61)	(5,091,639.51)	(3,220,789.05)	(8,146,062.02)	(754,195.10)	(2,782,241.48)	(86,895.28)	(1,212,684.07)	(4,960,826.06)	(36,024,301.64)	(36.02)

Fiscal Financial Year 2023-2024

Month	July	August	September	October	November	December	January	February	March	April	Total	In millions	
Revenue	5,254,631.98	6,696,488.27	5,600,771.80	4,001,154.22	2,765,423.20	2,516,755.00	(4,413,289.10)	3,176,257.90	5,205,174.20	5,023,686.00	35,827,053.47	35.83	44.1
Scan	245,890.00	620,220.00	733,018.00	771,285.00	832,660.00	1,087,100.00	984,215.00	876,005.00	1,022,400.00	1,097,115.00	8,269,908.00	8.27	
Expenditure	4,755,512.64	6,810,725.14	6,411,287.94	7,204,099.57	9,577,012.56	7,085,027.35	10,616,096.93	6,494,385.60	5,920,683.10	9,075,275.46	73,950,106.32	73.95	
Deficit	499,119.34	(114,236.87)	(810,516.14)	(3,202,945.35)	(6,811,589.36)	(4,568,272.35)	(15,029,386.03)	(3,318,127.70)	(715,508.93)	(4,051,589.46)	(38,123,052.85)	(29.85)	

# Electric Bus:



1. Electric bus arrived on 20<sup>th</sup> May, 2023 at Thimphu.
2. Bus taken over on 26<sup>th</sup> May, 2023.
3. 30 KW charger installed at City Bus Service office on 15<sup>th</sup> March, 2023.
4. On 19<sup>th</sup> July, 2023 – electric bus was inaugurated.
5. Daignostics tool procured.
6. Virtual/in person training given to both drivers and technicians.

## Electric Bus:



1. Bus is equipped with 193 Kwh lithium Ion Polymer battery. Sky source cooling battery.
2. LXWXH = 9100 mm X 2500 mm X 3120mm.
3. 27 + 1 seats
4. Charger specifications – EU Standard CCS Type – 2 DC connector.
5. In month – 6793 kms.
6. Saves Nu. 185,743.26 on fuel. Zero maintenance till date.
7. One year saving on fuel – 2,228,919.15
8. One month – 6068.40 kgs of CO2 saving.
9. One year – 72,820.85 kgs of CO2



# ITS: Smart Card System

Smart Card System along with the new route system was inaugurated on 16th October, 2021.

Smart Cards Issued:

1. Regular Cards – 17,743
2. Concessional Cards ( 30%) – 13873
3. Persons with Disabilities (50%) – 130
4. Senior Citizens (10%)– 769
5. Total card issued till date - 32515



# ITS: Fleet Management System



Inaugurated on 6th February, 2024 funded by KWPF, World Bank

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Inaugurated on 6th February, 2024 funded by KWVPF, World Bank – Nu. 3,364,300.00

Integration to the mobil app to be completed by July end.

## THE CONTENTS:

1 Bus GPS Tracking(2D, google Map)

2 Video surveillance

3 Passenger counting

4 Dispatching (Fish bone)

5 Report management














# Priority Lane:



# Priority Lane:

Bus Priority Lane inaugurated on 18th January, 2024.

## Vehicles allowed in the "Bus Priority Lane"

<p>Ambulances</p> 	<p>Fire vehicles</p> 	<p>Emergency Vehicles</p> 
<p>Police escort Vehicles</p> 	<p>All Buses</p> 	<p>VVIP vehicles/ flagged vehicles</p> 
<p>Any vehicles traveling with critical patients requiring emergency services</p> 	   	<p>Taxi and other private cars with 2 or more passengers</p> <p><b>Timing</b> <b>Monday-Friday</b> Morning: 7:00-10:00 AM Evening: 3:30-6:30 PM</p>

Contact: [thimphuthromde](mailto:thimphuthromde) for any queries

# Priority Lane:

## Observation and Findings

- The implementation of bus priority lanes significantly improved;
    - The reliability of bus services.
    - Reduced travel times
  - The commuters were delighted as they could reach on time at their destinations. This improvement has led to increased satisfaction among bus commuters.
  - Lack of continuous monitoring of bus priority lanes:
    - Delays the buses and it
    - Affects daily commuters to reach their destinations.
- Decision – To revive the pilot Bus Priority Lane from the month of July, 2024.

# Revenue Strategy towards sustainability:

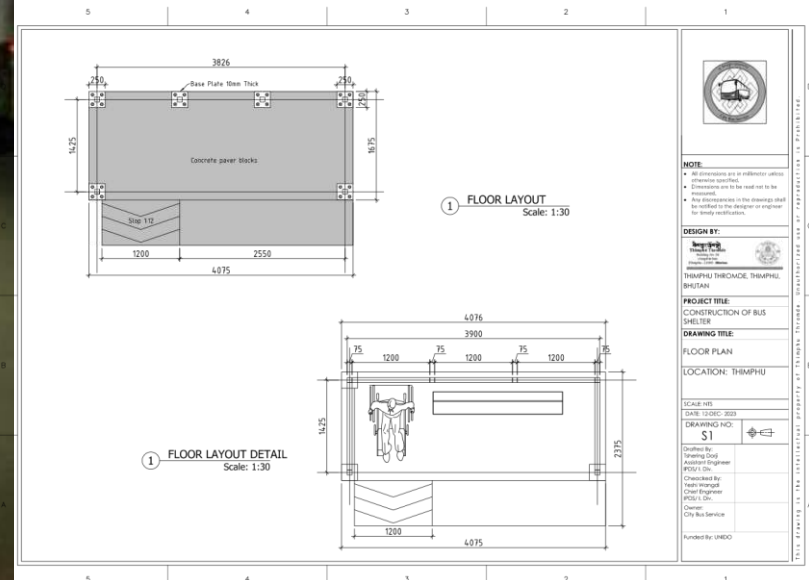
**(Three pillars - RAT)**

**R-Rental**

**A-Advertisement**

**T-Tickets**

# Recent developments:



## Recent developments:

- Open during lunch breaks
- Office open till 6 PM
- Extension of service hours from 6:30 PM to 10:30 PM on 4<sup>th</sup> April, 2022.
- On 19<sup>th</sup> October, 2022 – Night Service hours extended till 11:30PM
- On 26<sup>th</sup> October, 2022 – Night Service hours extended till 12:30AM