



Salem Area Mass Transit District
Board Of Directors Work Session Agenda Packet

Thursday, October 8, 2026 at 5:30 p.m.

Members: Spencer Rosenau, Ramiro Navarro Jr., Sadie Carney, Maria Hinojos Pressey,
Ian Davidson, Sara Duncan, Bill Holmstrom

Available meeting formats:

- In Person: Senator Hearing Room, 555 Court Street NE, Salem, Oregon 97301
- **Join the Board Work Session via ZoomGov**
 - Meeting ID: 161 821 3987
 - Passcode: 200746
- Phone: (669) 254-5252

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Formatos de reunión disponibles:

- En persona: Senator Hearing Room, 555 Court Street NE, Salem, Oregon 97301
- **Únase a la sesión de trabajo de la Junta Directiva a través de ZoomGov.**
 - Meeting ID: 161 821 3987
 - Código de acceso: 200746
- **Teléfono:** (669) 216-1590

Subtítulos (CC): El subtítulo en directo está disponible a través de ZoomGov.

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Copias electrónicas: **Descargar paquetes de la agenda.**

Lista de distribución por correo electrónico: Para unirse a la lista de distribución de reuniones públicas del Distrito, envíe un correo electrónico al secretario de la Junta a clerkoftheboard@cherriots.org.

Agenda

1. Call To Order

- A. Note of Attendance for a Quorum
- B. Safety Minute – Finance / Human Resources
- C. Announcements | Changes to Agenda

2. Presentations

None

3. Discussions

- A. BEB Update 3
- B. SKATS Discussion

4. General Manager Comments

- A. Upcoming Board Agenda Items 25
- B. Board Calendar 27

5. Adjourn

Next Meeting: November 12, 2026

Work Session Memo – Item 3.A

To: Board of Directors
From: Tom Dietz, Chief Operations Officer
Thru: David Trimble, Interim General Manager
Date: October 8, 2026
Subject: Battery Electric Bus Update

As the District enters the third year of operating battery electric buses (BEB), staff will deliver an overview of what has occurred, what is occurring, and what the next steps are expected to look like.

The inaugural BEBs were placed into revenue service in September of 2024 and were targeting our electric corridor on Lancaster Dr. The infrastructure was installed and commissioned at Del Webb Operations Headquarters as well as the inductive charging at Keizer Transit Center. The depot charging has been operating flawlessly while the inductive charging has not stabilized to date.

The second wave of BEBs entered revenue service in early 2026 bringing the aero-emissions fleet count to 22. The 12 new buses have been performing beyond expectations on nearly every level. The District has seen some common issues with the new BEBs; however, not to the level or frequency of the 2023 BEBs.

The intent of this presentation is not to offer a negative perspective. This presentation is intended to present a realistic view of owning and operating these vehicles. There is no shortage of lessons learned and that is what this presentation will show.

Additionally, this presentation will show the Board of Directors that staff have been working diligently on what the next steps can/will look like as we move forward.

Cherriots Battery Electric Bus Update



Project Recap

- Cherriots applied for and was successful in back-to-back Lo/No Awards in FY2020 & FY2021 – a total of 10 BEBs
- Cherriots was then awarded a Congressional Directed Spending grant for an additional five (5) BEBs
- FY2023 Lo/No Award for five (5) additional BEBs
- FY2023 SKATS grant for two (2) additional BEBs



Cherriots Partners



Where are we at so far?

- Full Bus Deployment – all 22 BEBs are commissioned and performing revenue service.
- Electric Avenue is fully complete and functional
- KTC is challenging - Inductive charging is failing



Update by Model Year





2300 Series

2370 - 2379

- 40' Gillig
- 444 kW across six (6) battery packs
- Four (4) vehicle acquisition (VA) pads for inductive charging
- Range: Nameplate – 195 miles Actual – 90-105 miles



[Return to the Agenda](#)

Construction @ KTC – completed 12/2023

- Three (3) bays equipped with inductive charging coils
- Bays E, F, & G – each have four (4) 75 kW coils producing up to 300 kW of charging power
- Commissioned late-March 2024

Construction @ DW – completed 2/2024

Revenue Service – 9/26/2024





2300 Series

[Return to the Agenda](#)



When the rubber hit the road

- Rolled out to service the Electric Corridor
- During cold weather – range anxiety became a reality
- State of charge impacted by battery conditioning at pull out
- Performance was diminished due to temperatures

Charging @ KTC

- Initial testing showed promise
- Coil overheating became a challenge
- Internal cabinet failures were nearly constant
- VA pads began to fail

Charging @ DW – no issues

Revenue Service – regular use of CNG & Diesel vehicles

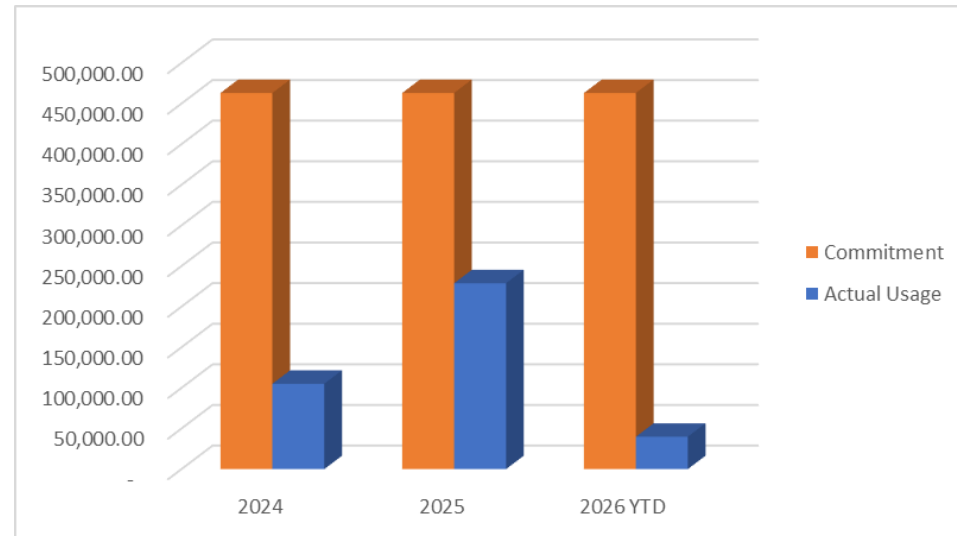




2300 Series

Challenges to Date – nearly 24 months later

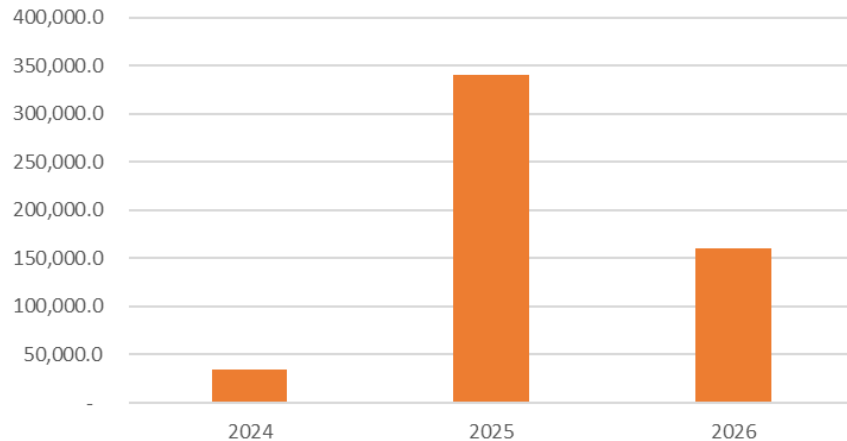
- Battery pack failures – 13 already replaced
 - Six (6) on 2371 alone
- Complete loss of VA pads – 33 out of 40 pads inoperable
- Each of the bays at KTC have been inoperable
 - Power usage of PGE Fleet Partner Program consumption commitment
 - Year 1 = 105,062 kW
 - Year 2 = 228,802 kW
 - Year 3 (YTD) = 39,866 kW
- InductEV Restructured
 - Electreon purchased InductEV
- Unexpected Impacts
 - Re-blocked Route 11
 - Added deadhead trips



2300 Series

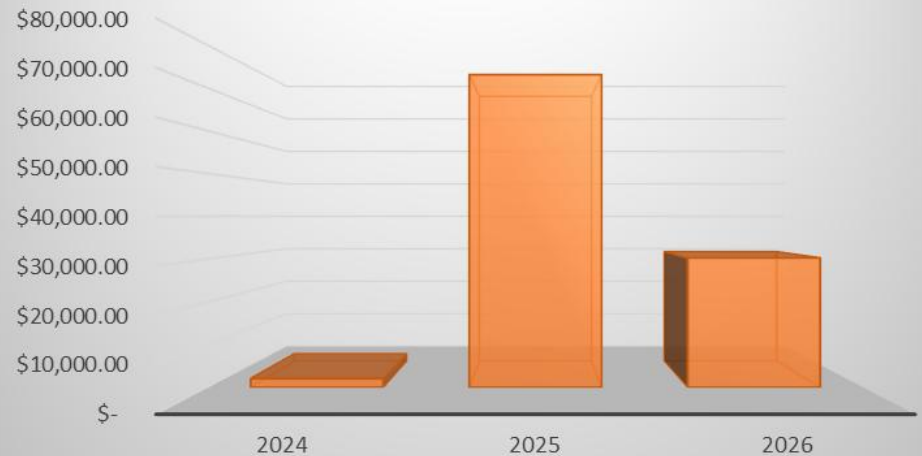
Mileage Increased

Miles Driven



Non-Warranty Repairs Began In 2025

Repairs (\$)




[Return to the Agenda](#)

2300 Series

Salem
Electric

Total Cost of Ownership

	2300						
	Power Consumed	Cost / kWh	Miles Driven	kW / Mile	Repairs	Cost / Mile	TCO / Mile
2024	59,040.00	\$ 0.06	34,798.00	4.72	\$ 2,049.77	\$ 0.06	\$ 0.21
	105,062.00	\$ 0.04					\$ -
2025	744,480.00	\$ 0.06	340,603.00	2.86	\$ 73,135.21	\$ 0.21	\$ 0.33
	228,802.00	\$ 0.04					\$ -
2026	645,840.00	\$ 0.06	160,207.00	4.28	\$ 30,268.47	\$ 0.19	\$ 0.22
	39,866.00	\$ 0.04					

PGE


[Return to the Agenda](#)

Comparator 1900 & 2200 Series

Total Cost of Ownership (CNG)

1900 Series

	Fuel Dispensed	Cost / Therm	Miles Driven	Miles / GGE	Repairs	Cost / Mile	TCO / Mile
2024	16,960.00	\$ 1.15	231,211.00	13.63	\$ 129,968.57	\$ 0.56	\$ 0.65
2025	17,150.00	\$ 1.20	194,508.00	11.34	\$ 121,119.49	\$ 0.62	\$ 0.73
2026	19,138.00	\$ 1.13	155,070.00	8.10	\$ 110,429.17	\$ 0.71	\$ 0.85

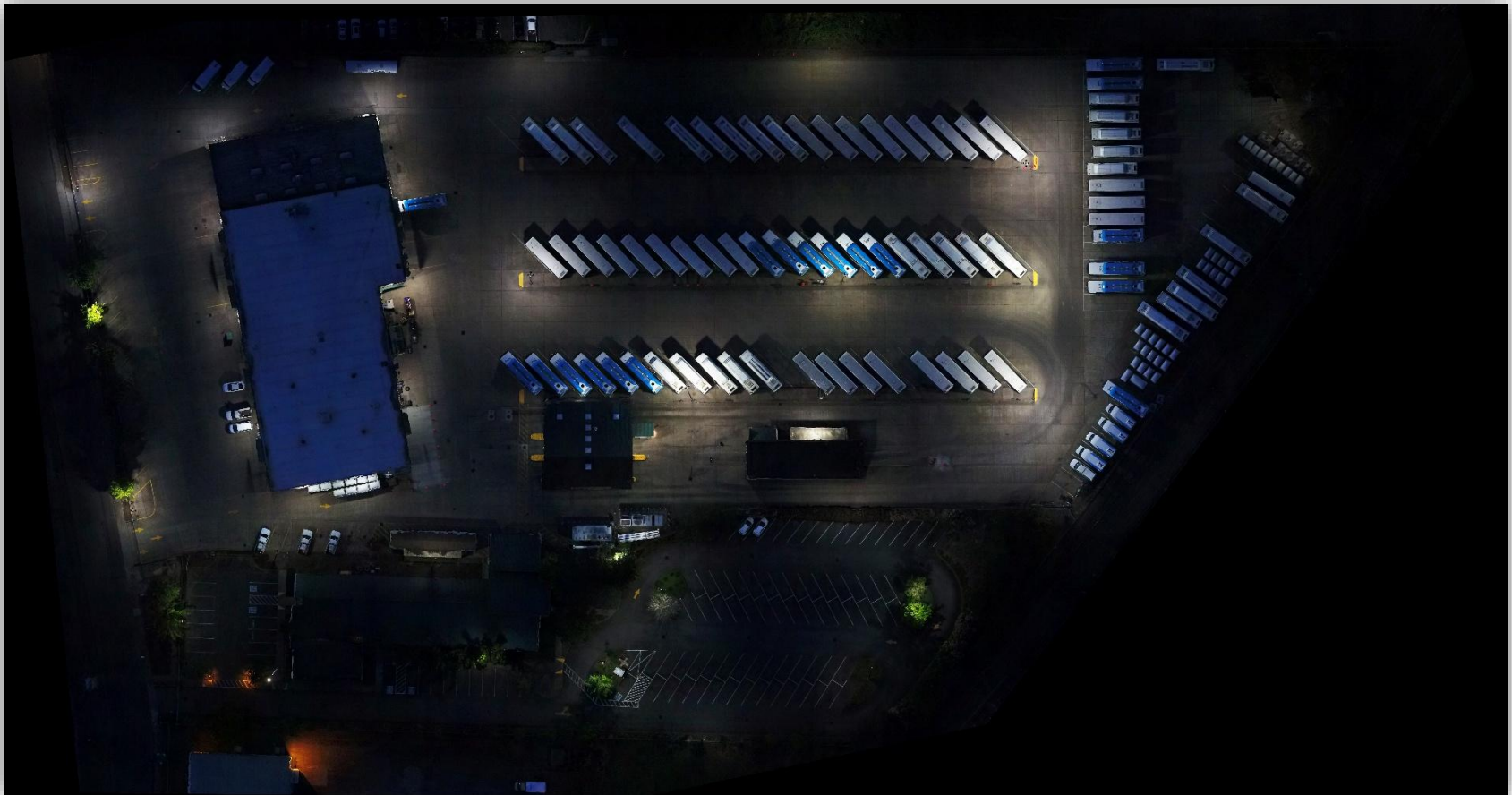
2200 Series

	Fuel Dispensed	Cost / Therm	Miles Driven	Miles / GGE	Repairs	Cost / Mile	TCO / Mile
2024	20,424.00	\$ 1.15	212,880.00	10.42	\$ 105,276.72	\$ 0.49	\$ 0.60
2025	21,692.00	\$ 1.20	232,367.00	10.71	\$ 136,323.75	\$ 0.59	\$ 0.70
2026	21,995.00	\$ 1.13	171,455.00	7.80	\$ 107,122.43	\$ 0.62	\$ 0.77



[Return to the Agenda](#)

2600 Series





[Return to the Agenda](#)

2600 Series

2670 - 2681

- 40' Gillig
- 686 kW across seven (7) battery packs
- Range: Nameplate – 300 miles Actual – approx. 205 miles
No cold weather driving to date

Revenue Service – 6/8/2026





[Return to the Agenda](#)

2600 Series

When the rubber hit the road

- Rolled out to service the Electric Corridor
- No cold weather yet
- Performance has exceeded projections

Charging @ DW – no issues

Revenue Service – able to deliver service without interruption





2600 Series

Miles Driven



Repairs (\$)



2600 Series

Total Cost of Ownership

	Power Consumed	Cost / kWh	Miles Driven	Miles per GGE	Repairs	Cost per Mile	TCO / Mile
2024	-	\$ -	-	-	\$ -	\$ -	\$ -
2025	-	\$ -	-	-	\$ -	\$ -	\$ -
2026	355,212.00	\$ 0.06	80,344.00	4.42	\$ 1,221.46	\$ 65.78	\$ 4.44



Side by Side Comparison

[Return to the Agenda](#)

	Diesel - R99					
	Miles Driven	Fuel Cost	MPG*	Repairs	Cost / Mile	TCO / Mile
2024	987,166.00	\$ 3.10	4.63	\$ 799,827.11	\$ 0.81	\$ 1.48
2025	912,856.00	\$ 3.75	4.46	\$ 765,118.44	\$ 0.84	\$ 1.68
2026	664,470.00	\$ 4.10	4.43	\$ 312,769.16	\$ 0.47	\$ 1.40
	1900 (RNG)					
	Miles Driven	Fuel Cost	MPG*	Repairs	Cost / Mile	TCO / Mile
2024	231,211.00	\$ 1.15	13.63	\$ 129,968.57	\$ 0.56	\$ 0.65
2025	194,508.00	\$ 1.20	11.34	\$ 121,119.49	\$ 0.62	\$ 0.73
2026	155,070.00	\$ 1.13	8.10	\$ 110,429.17	\$ 0.71	\$ 0.85
	2200 (RNG)					
	Miles Driven	Fuel Cost	MPG*	Repairs	Cost / Mile	TCO / Mile
2024	212,880.00	1.15	10.42	\$ 105,276.72	\$ 0.49	\$ 0.60
2025	232,367.00	1.20	10.71	\$ 136,323.75	\$ 0.59	\$ 0.70
2026	171,455.00	1.13	7.80	\$ 107,122.43	\$ 0.62	\$ 0.77
	2300 (BEB)					
	Miles Driven	Fuel Cost	kW / Mile*	Repairs	Cost / Mile	TCO / Mile
2024	34,798.00	\$ 0.06	4.72	\$ 2,049.77	\$ 0.06	\$ 0.21
2025	340,603.00	\$ 0.06	2.86	\$ 73,135.21	\$ 0.21	\$ 0.33
2026	160,207.00	\$ 0.06	4.28	\$ 30,268.47	\$ 0.19	\$ 0.22
	2600 (BEB)					
	Miles Driven	Fuel Cost	kW / Mile*	Repairs	Cost / Mile	TCO / Mile
2024						
2025						
2026	80,344.00	0.06	\$ 4.42	\$ 1,221.46	\$ 0.02	0.23



Areas of Focus

1. Resilience in the event of a large-scale event
2. Availability of fuel, parts, & technicians
 - Replacement parts costs (battery packs, motors, etc.)
3. Operator training & safety
4. Cost control with standardized inventory
5. Vehicle replacement plan & production lead times
6. Funding
7. Partner Agencies
8. Future Technology



Next Steps / Recommendation

1. Mitigate ongoing BEB challenges
2. Continue regular meetings with the vendors
 - Gillig, Cummins, InductEV/Electreon
3. Renewed focus on fleet diversification
 - Break fleet into thirds –
 - RNG
 - BEB
 - Diesel – R99



Final Reminders

1. Cherriots continues to remove single-occupant vehicles from the road
2. Our BEBs are carbon negative
3. Our RNGs are carbon neutral
4. Our diesels run carbon negligible– R99
 - No longer billow black smoke
 - Maintained at an excellent level



Questions? / Discussion



Work Session Memo – Item 4.A

To: Board of Directors
From: David Trimble, Interim General Manager
Date: October 8, 2026
Subject: Upcoming Work Session and Board Meeting Agenda Items

Upcoming Work Session and Board Agenda Items

October

8th - Work Session

Safety Minute – Finance/HR

Discussions/Presentations –

- SKATS - DT
- BEB Update - TD

Safety Minute – Finance

Action Items

- Approval of FY28 Budget Calendar* - RN
- Authorize Change Order for COA – SA
- Authorize Contract With XX for DW Shop Roof Replacement – TD
- 1st Reading of Ordinance 2026-01, Establishing Fares, Rates & Effective Date - SA

Informational Items - None

Presentations

- GFOA Presentation - RN

23rd - Board Meeting

November

12th - Work Session

Safety Minute – GM/DGM

Discussions/Presentations

- ESTC - SA

December

10th - Board Meeting

Safety Minute – Operations

Action Items

- BC Appointments* - RN
- CAC Appointments* - TD
- CAC Chair : Vice Chair Appointments* - TD
- CAC CY27 Work Plan* - TD
- STIFAC Appointments* - SA
- STIFAC Chair : Vice Chair Appointments* - SA
- Authorize Contract With XX for District Website Improvement Project – DT
- Q1 NTD Reportable Assault Data* - CC
- Approve STIFAC Recommendation - SA

- 2nd Reading of Ordinance 2026-01, Establishing Fares, Rates & Effective Date -

Informational Items

- Service Change Briefing for January 2026 – SA
- Q1 Strategic Plan Report – GM
- Q1 Performance Report – SA
- Q1 Finance Report - RN

Presentations

- COA – SA
- Micromobility - SA
- Outgoing AC Member Recognition

Items To Be Scheduled – Board Meeting

Agenda Item	Owner
Award of Contract for DW Fencing	CC
Garten Bus Donation	TD

Items To Be Scheduled – Work Session

Agenda Item	Owner
Cybersecurity Assessment	DT
ITS & BEB Dashboard Demo	TD : SA
TSP Presentation	SA
United Way Pass Donation	GM

Recurring Agenda Items

January	Annual Approval Legislative Agenda Annual Survey Results	July	Biannual (Odd Years) Officer Election Annual Financial Report Service Briefing
February	Quarterly NTD Safety Reports	August	Annual Board Committee Assignment Annual Commuter Options Report Quarterly Safety NTD Reports
March	Service Briefing	September	Annual Performance Annual Safety & Risk Reports Annual Million-Mile Recognition
April	Quarterly NTD Safety Reports	October	Annual Approval Budget Calendar
May	Annual Board Mtg. Schedule Adoption	November	---
June	Annual United Way Donation Annual Budget Adoption	December	Annual AC Appointments Annual AC Officer Appointments Quarterly Safety NTD Reports Service Briefing

DT-David Trimble , CC-Cliff Carpentier , JR-Jaél Rose , RN-RaeLynn North, SA-Shofi Azum , TD-Tom Dietz
**Consent Calendar*

Work Session Memo – Item 4.B

To: Board of Directors
From: David Trimble, Interim General Manager
Date: October 8, 2026
Subject: Board Calendar

Board Calendar

Board & Committee Meetings

Date	Time	Event
Oct 8	5:30p	Board Work Session
Oct 19	4:00p	Recruitment Subcommittee
Oct 20	5:30p	Community Advisory Committee
Oct 22	5:30p	Board Meeting
Nov 12	5:30p	Board Work Session
Dec 8	5:30p	Community Advisory Committee
Dec 10	5:30p	Board Meeting
Jan	TBD	Board DEI Subcommittee Meeting
Jan 14	5:30p	Board Work Session
Jan 28	5:30p	Board Meeting

District Events & Initiatives

Date	Time	Event
Sep 27	9a-4p	Bus Roadeo

Community, Regional, & Industry Events

Date	Time	Event
Oct 4-7		APTA TRANSForm Conference & EXPO
Dec TBD	7:00p	Keizer Holiday Lights Parade

Key Dates & Holidays

Date	Event
Nov 2	Fall Back - Daylight Savings Time
Nov 4	General Election Day
Nov 11	Veterans Day: Administrative Offices Closed & Saturday-level Bus Service
Nov 26	Thanksgiving Day: Administrative Offices & Customer Service Closed & No Bus Service
Nov 27	Day After Thanksgiving: Administrative Offices & Customer Service Closed & Weekday Bus Service
Dec 25	Christmas Day: Administrative Offices & Customer Service Closed & No Bus Service
Jan 1	New Year's Day: Administrative Offices & Customer Service Closed & No Bus Service