



# JUNEAU COMMISSION ON SUSTAINABILITY AGENDA

January 04, 2023 at 12:00 PM

Zoom Webinar

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<https://juneau.zoom.us/j/86187053234> or Phone +1 253 215 8782 Webinar ID: 861 8705 3234

**A. CALL TO ORDER**

**B. LAND ACKNOWLEDGEMENT**

**C. ROLL CALL**

**D. APPROVAL OF AGENDA**

**E. APPROVAL OF MINUTES**

1. December 21, 2022 Work Session

**F. PUBLIC PARTICIPATION**

**G. AGENDA TOPICS**

2. Revised JCOS 2023 Calendar and Goals – Gretchen Keiser (JCOS)  
3. JCOS Memo on FY24 Marine Passenger Fees – Steve Behnke (JCOS)

**H. INFORMATION ITEMS**

**I. STAFF REPORTS**

**J. COMMITTEE MEMBER / LIAISON COMMENTS AND QUESTIONS**

**K. NEXT MEETING DATE(S)**

4. Monthly Work Session - January 18, 2023 12 PM @ZOOM  
5. Regular Meeting - February 1, 2023 12 PM @ZOOM  
6. Monthly Work Session - February 15, 2023 12 PM @ZOOM

**L. ADJOURNMENT**

ADA accommodations available upon request: Please contact the Clerk's office 36 hours prior to any meeting so arrangements can be made for closed captioning or sign language interpreter services depending on the meeting format. The Clerk's office telephone number is 586-5278, TDD 586-5351, e-mail: [city.clerk@juneau.org](mailto:city.clerk@juneau.org).

**DRAFT Minutes**  
**Juneau Commission on Sustainability (JCOS)**  
**Wednesday, December 21, 2022, 4:30 pm Zoom**

**1. Call to Order**

Chair Keiser called the meeting to order at 4:30 pm.

**2. Land Acknowledgement**

**3. Roll Call**

Present: Steve Behnke, Marian Call, Gretchen Keiser, Duff Mitchell, Jim Powell, David Teal, Nick Waldo

Absent: Jessica Barker

*A quorum was present.*

Staff & Others Present: CBJ Staff Liaison Denise Koch, CBJ staff Dianna Robinson, Maria Gladziszewski(assembly), Lori Sowa (AEL&P), Laura Achee (prospective member), Alan Steffert (CBJ Engineering), Edward Chevans (public)

**4. Approval of Agenda**

Approved with some rearrangement.

**5. Public Participation**

None.

**6. Agenda Topics**

**1. JCOS Calendar—Gretchen Keiser**

Chair Keiser referred commissioners to an annual calendar.

**2. Zero Waste Update—Dianna Robinson**

Presentation recorded. Mr. Teal asked if Dianna had seen a report from Juneau Composts! regarding ownership and control of the landfill. She has. Talked about grant opportunities, landfill life, waste stream components (particularly reusable items). Mr. Benke noted Alaska Heat Smart approach to facilitating cooperation/collaboration among players may work here. Mr. Mitchell mentioned that biowaste (sewage) disposal is expensive and is a stream that could benefit from some attention. Also EV batteries. Chair Keiser thought a CBJ ban on single use plastics may reduce waste (but this approach may be less effective than in the past, per Dianna). Ms. Call mentioned construction waste could be reduced/reused (SEAlaska and SE Partnership are big players). Mr. Powell thought networking would be necessary given the size of our community—is there a non-regulatory approach that would work? JCOS role: community engagement.

### 3. JCOS 2023 Goals

Mr. Powell asked for a quick comparison/alignment of JCOS and assembly goals.

**Outreach.** Is it a tool to accomplish other goals or a goal of its own? Mr. Powell: Topical presentations appear to have worked and should be continued. Ms. Call: leave it flexible and responsive to JOCS actions.

**Climate Action.** It's interrelated with so much—time for action rather than more planning. Tasks: work with Public Works on key actions. Information gathering so we know who is working on what. Also serves to start collaborative action.

**Energy.** Start with assembly goals—two internal goals carried over. They align with JCOS recommendations. Dock electrification is still big and still hanging out there. Many of the goals are ongoing and will not be completed any time soon. JCOS just needs to keep hammering away and supporting attempts for funding opportunities, especially those with big bang for the buck. We need a plan here—grants applications want to see one and we need to keep the many steps in focus to ensure that long-term progress stays on track. Maria G: need to see results per dollar so the assembly knows where to focus. We must have metrics. Dynamhex is critical to the ability to model so we can see bang for the buck.

How do we do what needs to be done in the time we have? Cc Denise and Gretchen to create a public record of subcommittee work.

### 7. Information Items

None.

### 8. Commissioner/Liaison Comments

None.

### 9. Next Meetings

- January 4, 2023 regular meeting at noon (ZOOM).
- January 18, 2023 work session at noon (ZOOM) to hear from Dynamhex about their progress on modelling GHG emissions in Juneau.
- February 1, 2023 regular meeting at noon (ZOOM).

### 10. Adjournment

The meeting adjourned at 6:35 pm.

Submitted by David Teal

## JCOS Calendar 2023

Month	Task	Agency	JCOS Lead	Deadline
January	Comments on CIP	EPW	Steve	January +/-
February	COW - Energy & Sustainability	Deputy Mayor	Steve / Gretchen	~Feb-March
March	FedI NoLo Grant Application	Capital Transit	Duff	~by April
April	Earth Day Proclamation	Mayor	Marian	to Mayor by April 10.
May	JCOS Annual Report	Assembly HRC	Chair	~June 1st
June				
July	FY2024. Initiate new CBJ-funded projects		Committee Chairs	
August				
September	EV Rally Proclamation - late Sept.	Mayor	Duff	draft by Sept 10.
	Input on CIP process	EPW		
October	Legislative Priorities	EPW	David	Dec 1st
November	Assembly Retreat Memo	City Clerk	Chair	>1wk before retreat.
	Marine Pass. Fees Suggestions	City Mgr	Energy Chr	by Jan.1st
December	JCOS Retreat & 2024 Officer planning	JCOS	Chair	Jan 2024.

## JCOS Goals and Operations - 2023 Outline DRAFT

Section G, Item 2.

	Title	Start	Finish	Owner	Status	Percent Complete	Notes
<b>Goal 1: Energy Efficiency &amp; Renewable Energy Chair: Steve Behnke</b>							
<b>Subcommittee: Energy Planning - Chair Steve Behnke</b>							
1.1	Participate in and use results of Jnu Energy Use & GHG Inventory study to promote 5-year actions.	Jan	Dec	Behnke	Dynamhex study results anticipated early 2023. Use JCOS 12/2022 report and Dynamhex results & modeling for Assembly COW ~Feb-March.		EPW Dept heads Dynamhex contract.
1.2	Monitor federal funding opportunities & assist others to maximize Jnu grant success.	Jan	Dec	Behnke / Keiser		ongoing	JCOS 12/2022 report identifies numerous BIL & IRA opportunities.
<b>Subcommittee: Transportation - Chair Duff Mitchell</b>							
1.3	Monitor CBJ action on dock electrification; promote public communications.	Jan	Dec	Mitchell		ongoing	IRA may provide EPA funding opportunity in 2023.
1.4	Promote electrification of vehicle fleets' EV conversion in Juneau community.	Jan	Dec	Behnke/ Keiser		ongoing	JCOS suggests EV promotion as Assembly 2023 goal.
1.5	Promote Downtown Electric Bus Circulator	Jan	Dec	Mitchell	Study underway; results anticipated ~mid-2023. JCOS participated in stakeholders workshop 11/2022.		LoNo grant possible if presented as an expansion of existing transit service. Study timing misses 2023 application period.
<b>Subcommittee: Buildings - Chair David Teal, Jessie Barker</b>							

1.6	CBJ facilities: energy upgrades	Jan	Dec	Teal	CBJ Chief Architect to head LEED review in 2023.		CIP process for FY 2023 pending.
1.7	Educate Assembly on Clean Energy Financing Options (C-PACE, R-PACE, etc.). Monitor AK Green Bank legislation.	Jan	Dec	Teal	JCOS intro to C-PACE at 11/2022 mtg. Uncertain outcome of JEDC Bd 12/2022 approval of letter of intent for USDA RESP funding for community EE projects.		
1.8	Consider energy building codes (heat pumps, EV chargers, etc)	July	Dec	Teal/ Barker	Begin research.		May be difficult to get CDD traction since focus on comp plan revision in 2023.

## Goal 2: Local Resource Recovery / Zero Waste - Chair Nick Waldo, Jessie Barker, Marian Call, Gretchen Keiser

2.1	Zero Waste Planning - Provide support to EPW and PWFC. Assist community/stakeholder engagement.	Jan	Dec		CBJ obtains \$2.5M federal funding for municipal composting facility. Dianna Robinson, Env Proj Specialist, researching Jnu solid waste background.		PWFC: 2023 work on development of industrial park for multiple waste initiatives. Consider sector approach to facilitate engagement.
2.2	Assist on waste grant funding opportunities				Dianna Robinson is working on waste-related (recycling, public education) grant opportunities.		IRA funds new EPA grant programs for recycling, waste mangmt system improvements, and public education/outreach.

## Goal 3: Outreach - Chair Marian Call, Jessie Barker, Duff Mitchell

3.1	<i>Juneau's Changing Climate</i> presentations	Jan	June	Powell	Report released 7/2022.		USFS request for 3/2023.
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3.2	Sustainability presentations, JCOS website & social media.	Jan	Dec	Call	Flexible approach & frequency. Potential topics: from JCOS work (energy, zero waste, climate), Jnu's power situation, food security, food waste reduction, household-level actions.	Ongoing	
3.3	Participate in Alaska Municipal Climate Network	Jan	Dec	Keiser / Behnke	Information sharing.	Ongoing	~ Qtrly meetings.
3.4	Sustainability Awards	1st Qtr		Powell	Final Draft completed & approved by HRC in 2020. New attempt in 2023.	50%	Assembly HRC Chair: Greg Smith.

#### Goal 4: Climate Impacts / Sustainability Indicators - Chair Jim Powell, Marian Call, Jessie Barker, Nick Waldo

4.1	Promote sustainability indicators/metrics in Comprehensive Plan review. Use Dynamhex results as basis for a dashboard.	Jan	Dec	Powell/ Teal	Initial conversation with CDD as it starts Comprehensive Plan revision. A) Identify draft list. B) Schedule public meeting with CDD Comp Plan efforts.	5%	Dynamhex study results will provide data in early 2023.
4.2	Assist effort on a changing climate hazards strategy.	Jan	Dec	Keiser	EPW begins info-gathering to define questions to be answered. EPW thinks focus should likely be on infrastructure. Focus outcome on		Assembly 2023 goal.
4.3	Info-gathering on Jnu's climate emergency preparedness - food & water security.	Jan	Dec	Call, Barker, Waldo	Begin process of identifying potential emergencies & community response and resources.		

file: JCOS Goal Tracking 2023

12/29/2022



## **Juneau Commission on Sustainability**

(907) 586-0800

[jcos@juneau.org](mailto:jcos@juneau.org)

[www.juneau.org/engineering-public-works/jcos](http://www.juneau.org/engineering-public-works/jcos)

155 S. Seward Street • Juneau, AK 99801

January 4, 2023

To: Alexandra Pierce

Cc: City Manager, Assembly

Dear Ms. Pierce,

The Juneau Commission on Sustainability (JCOS), in its role as advisor to the Assembly, respectfully offers the following recommendations for use of 2022 Marine Passenger Fee (MPF) funds. These requests support the CBJ's sustainability goals, including the local Clean Port Initiative that we proposed last year to advance Visitor Industry Task Recommendations. They also support Juneau's long term participation in the Green Corridor initiative.

MPF funding for these programs should be combined with related CBJ efforts into a broader community initiative to make Juneau a model for community sustainability and beneficial electrification. This would strengthen Juneau's ability to attract federal infrastructure funding and support from existing federal programs under the Infrastructure Bill, Inflation Reduction Act and directly from our Congressional Delegation.

### 1. Dock electrification

- a. Funding to complete bid ready engineering/design and environmental permitting for 16B docks shore power. Completion of these documents will help avoid delays and demonstrate project readiness when applying for federal funding. The 2022 Dock Electrification study estimated \$2,445,988<sup>1</sup> for Environmental Permitting, Final Design and Preparation of Contract Documents. We understand that about \$1 million is already available from last year's MPF allocation. JCOS recommends that CBJ fund the remaining portion from MPF receipts and execute these tasks in 2023.
- b. Funding for a beneficial electrification impact analysis and consulting services for downtown/port area electrical infrastructure. The CBJ, the Assembly and the public frequently receive conflicting information about the impacts and costs of proposed electrification projects, and there is a growing need to coordinate CBJ investments. These include shore power for the CBJ's cruise ship docks, the proposed Huna Totem

<sup>1</sup> PORT OF JUNEAU SHORE POWER CONNECTION STUDY Appendix D4-1,2, 3,4 BUDGET LEVEL ESTIMATE PND ENGINEERS, INC. July 2, 2021 <https://juneau.org/harbors/project-archive/entry/69827#gallery-113-4-69827-5>



dock, and a potential home port facility for a Coast Guard icebreaker, as well as increasing charging needs for electric vehicles and buses. JCOS recommends that a 3rd party contractor assist the CBJ in assessing and evaluating alternative approaches and its investments in electrical infrastructure. \$250,000.

- c. Funding for two load tap transformers for the CBJ 16B cruise ship docks. With long lead times to acquire this equipment, the CBJ faces delays in completing the project unless it gets them on order now, as recommended by the Port Director. As we finalized this request we learned that the Port Director is recommending a \$5 million bond funding using Port Development fees. Without information on how long it will take to put together this bond package, and in order to minimize further delays, we recommend that existing MPF funding be used for a 30% downpayment to go ahead and get the load tap transformers ordered.

## 2. Funding match for four electric circulator buses.

This will enable competitive application for federal Low No Emissions Electric Bus funding. Arboc 35 foot, two door, low entry vehicles with a 235 mile range with charging equipment are roughly \$850,000 each (specifications, pictures and data are attached). The downtown circulator is mentioned 18 times in the Blueprint Downtown Juneau final document<sup>2</sup> and is identified as a means to disperse downtown visitor crowds in the Visitor Industry Task Force recommendations.<sup>3</sup> A downtown circulator system has been examined in at least 6 CBJ studies since 1986. The Juneau Commission on Sustainability and the Downtown Business Association have passed resolutions (copies attached) asking the CBJ to seek and procure federal funding that the CBJ is currently eligible for. A 20% match for four circulator buses is \$680,000. We recommend that this be allocated from MPF to match a successful CBJ Low No Grant. An alternative to applying for federal funding would be to use MPF for the full amount of \$3,400,000 for four electric circulators and charging apparatus.

<sup>2</sup> CBJ Blueprint Downtown Area Plan July 2022 <https://juneau.org/wp-content/uploads/2022/07/BPDT-Final-with-Appendices-Reduced-1.pdf>

<sup>3</sup> Visitor Industry Task Force Report To the City & Borough of Juneau Assembly March 2020 [https://juneau.org/index.php?gf-download=2021%2F02%2F2021-01-07-VITF-final-report\\_COW.pdf&form-id=22&field-id=11&hash=83992e0039a6bc1109b1006f00104c9a6a6ec5345e1d4b4e79575e9b992a9676&TB\\_iframe=true](https://juneau.org/index.php?gf-download=2021%2F02%2F2021-01-07-VITF-final-report_COW.pdf&form-id=22&field-id=11&hash=83992e0039a6bc1109b1006f00104c9a6a6ec5345e1d4b4e79575e9b992a9676&TB_iframe=true)

## Attachments:

[JCOS ARBOC EV circulator concept Equest-CHARGE-brochure-30-35-ft-120121.pdf \(2,382K\)](#)

[JCOS quote ARBOC 20220412 ADOA Equest Charge 30 25w2.pdf \(255K\)](#)  
[JCOS 20220406 JCOS Res - Downtown Circulator.pdf \(893K\)](#)

[DBA Motion to Request 2022 Grant Filing for Downtown Circulator April 2022.pdf \(164K\)](#)

JCOS 20220406 Res – Downtown Circulator.pdf

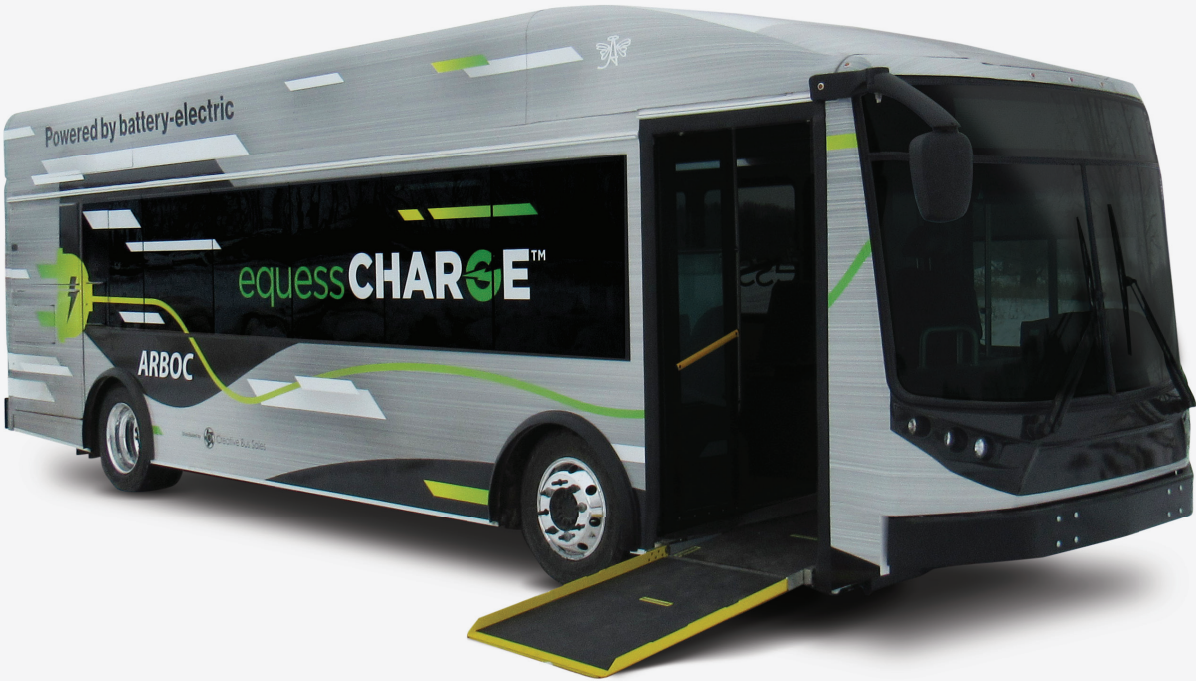
3. Funding to complete the water bottle/filling station program that was partially funded last year. This project will assist the cruise lines and the community in reducing the number of plastic water bottles used and disposed of in Juneau. It will include a network of water bottle filling stations in the port area, including both CBJ owned, and private facilities. \$100,000.

Thank you for considering our recommendations, and feel free to contact me if you have any questions.

Steve Behnke for Gretchen Keiser, Chair, JCOS

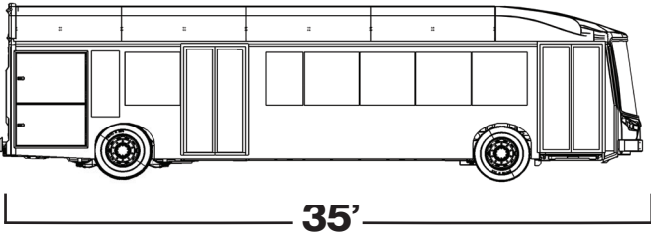
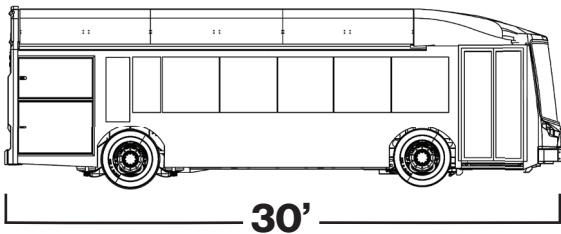
# equestCHARGE™

Zero-emission battery-electric bus



Zero emissions, smart mobility, lower operating costs, compatible charging systems - the Equest CHARGE™ from ARBOC is ready to meet tomorrow's transportation demands today. The Equest CHARGE™ proudly incorporates the proven battery-electric technology from New Flyer® that is deployed in thousands of buses across the United States and Canada.

Available in 2 lengths with single or dual doors



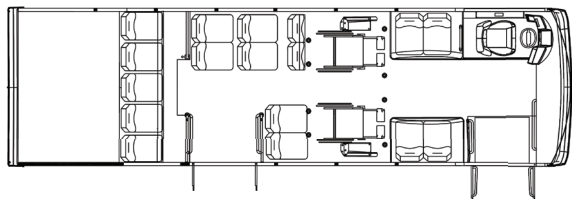
## Industry Leading Range Capability

Length	ESS (kWh)	Maximum Range* (Miles)
30'	350	210
35'	437	230

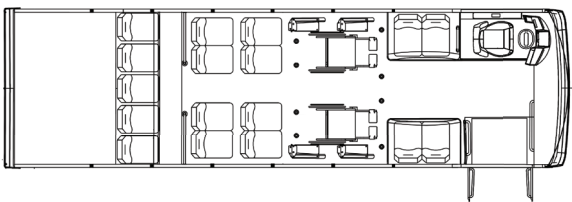
\*dependent on model, length and battery option

# Floor Plans

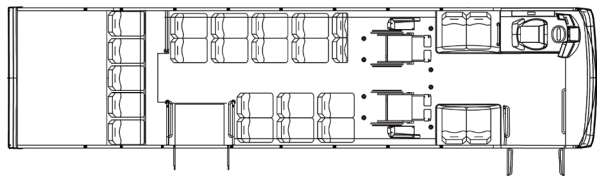
30', 21 Passengers, 2 w/c



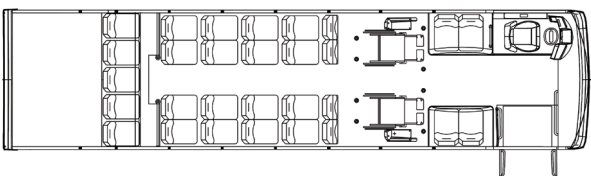
30', 25 Passengers, 2 w/c



35', 29 Passengers, 2 w/c



35', 33 Passengers, 2 w/c




# Telematics


## CONNECT 360


**Connect 360™**, operated by New Flyer Connect®, is a customizable performance dashboard that provides smart analytic reporting to expand insight and intelligence for managing your Equess CHARGE™ battery-electric bus.

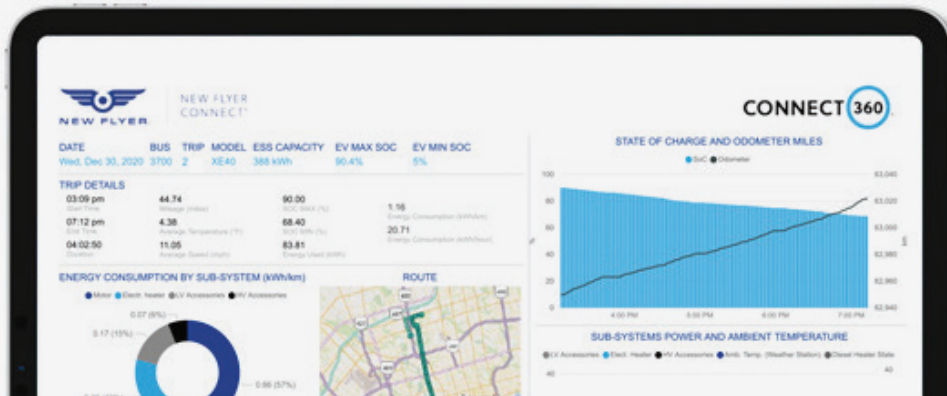
Connect 360™ is included on every new Equess CHARGE™. Learn more at [newflyer.com/connect](http://newflyer.com/connect).

 **Additional range** capability with improved driver performance.

 **Decision-making information** to optimize charging strategies.

 **Intelligence** on how to preserve battery energy throughout the day.

 **Reduced operating cost** and maximum fleet utilization.



**Measurements**

<b>Length</b>	equest <b>CHARGE™</b> 30'	equest <b>CHARGE™</b> 35'
	30' 2" (9.2 m) Over bumpers	35' 2" (10.7 m) Over bumpers
<b>Exterior Width</b>	100" (2.54 m)	100" (2.54 m)
<b>Roof Height</b>	120" (3 m)	120" (3 m)
<b>Step Height</b>	13.38" (340 mm)	13.38" (340 mm)
<b>Front Step Height (Knelt)</b>	10.38" (264 mm)	10.38" (264 mm)
<b>Interior Height – Floor to Ceiling</b>	95" (2.4 m) Center of bus	95" (2.4 m) Center of bus
<b>Tire Size</b>	270/70R 22.5	270/70R 22.5
<b>Wheelbase</b>	196" (4.9 m)	259" (6.5 m)

**Propulsion****Motor**

Utilizes New Flyer's Xcelsior CHARGE™ technology

SIEMENS ELFA3 electric drive system

SIEMENS ELFA3 electric drive system

**Energy Storage System**

<b>Full Charge</b>	350 kWh	437 kWh
<b>Rated Torque</b>	1,033 lb-ft	1,033 lb-ft

**Passenger Capacity**

<b>Seats</b>	Up to 25	Up to 33
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**Accessibility**

<b>Doors</b>	1 Standard or optional 2 door	1 Standard or optional 2 door
<b>Wheelchair Accessibility</b>	32" (813 mm) Wide, 1:6 slope	32" (813 mm) wide, 1:6 slope
<b>Wheelchair Locations</b>	Up to 4	Up to 6

**Weight****Curb Weight**

\*Approximate weights; Varies with ESS configuration

	22,500 lbs (10,205 kg)*	23,650 lbs (10,727 kg)*
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**GVWR**

	33,000 lbs	33,000 lbs
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**Approach Angle**

<b>Approach/Departure/Break over Angles</b>	9°/8.6°/12°	9°/8.6°/9°
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**Main Components**

<b>Electrical System</b>	Parker Vansco	Parker Vansco
<b>Cooling System</b>	Electric cooling fans	Electric cooling fans
<b>HVAC</b>	Valeo REVO-E (Roof-mounted)	Valeo REVO-E (Roof-mounted)
<b>Axles</b>	Single reduction axle	Single reduction axle
<b>Brakes</b>	ZF RL82 IFS Front disc brakes;	ZF RL82 IFS Front disc brakes;
<b>Rear Brakes</b>	ZF AV133 Rear disc brakes	ZF AV133 Rear disc brakes
<b>Charger</b>	SAE J1772 DC CCS Type 1 plug-in charger	SAE J1772 DC CCS Type 1 plug-in charger

**Range****Maximum Range (Miles)**

\*Dependent on model, length and ESS

210\*

230\*

# Charging

ARBOC buses are compatible with charging equipment that supports medium-duty electric vehicles. You can customize your Energy Storage Systems (ESS) and charging solutions so you can develop the right ESS and infrastructure solution for your needs.

Equest CHARGE™ is compatible with charging systems available from:



## Plug-In Charging

CCS Type 1 plug-in chargers can be used for overnight, mid-day and off-route charging. A full charge requires 4 hours\* for a 350 kWh ESS.

\* Dependent on type of charger

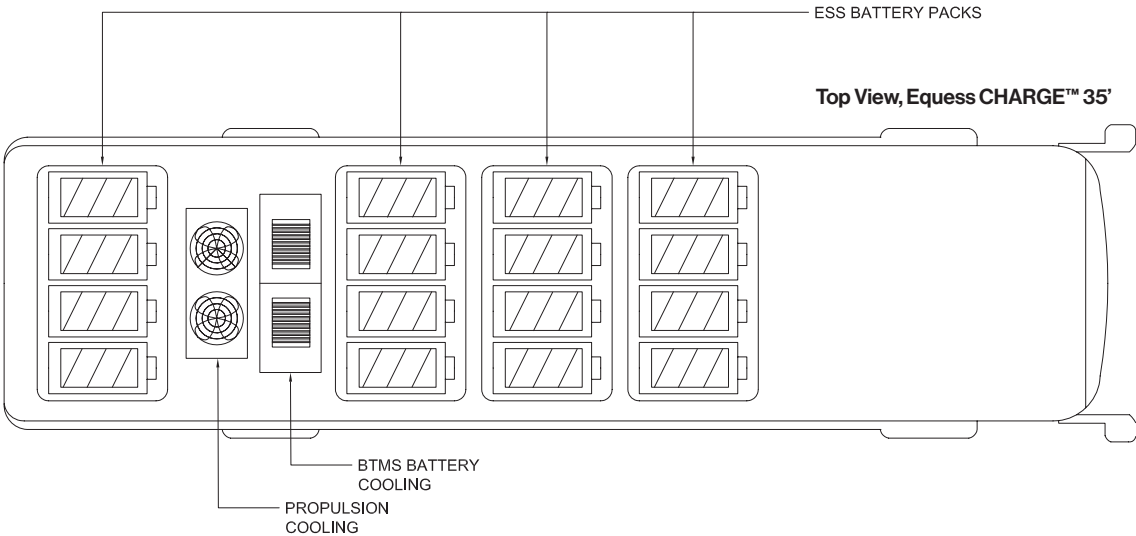
## Range Capability

The 35' Equest CHARGE™ has a range of up to 230 miles (437 kWh)\* on a single charge.

\* Estimated range with long range charge

# How it Works

The Equest CHARGE™ uses an electric motor from SIEMENS that is tested and proven.



# Warranty

## Components

- Base Bus Warranty
- Basic Bus Structure
- Propulsion System
- Batteries
- Axles
- A/C
- Door Systems
- Air Compressor
- Wheelchair Ramp
- Electrical System
- LED Headlights

Provider	Years	Miles
ARBOC	3	75,000
ARBOC	7	350,000
ARBOC	3	Unlimited
ARBOC	6	300,000
ZF	2.5	125,000
Valeo	3	Unlimited
Vapor	3	150,000
PowerEx	1	Unlimited
Braun	3	15,000 cycles
Vansco	3	150,000
J.W. Speaker	6	Unlimited



# ADOA

**Solicitation #: BPM003324 / Contract #: CTR054848**

**FY 2021**

Preparer: \_\_\_\_\_

**Base Model**

Arboc SOF 24" 165" WB GM 4500 14,200 GVWR

Base Model Price: \$ 85,810.00

Base Model Options: \$ 528,249.00

Options: \$ 13,017.86

CBS Published Options: \$ -

CBS Unpublished Options: \$ -



County Delivery Cost: N/A N/A

Vehicle Length	Lift Position	WC Positions	Total # Passengers	CDL Required
30	Front	2	21	Yes

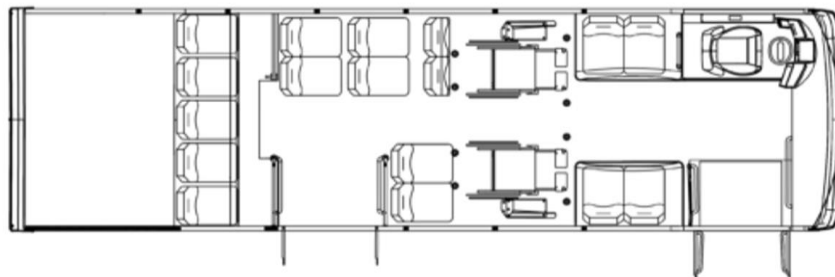
QTY Vehicles: 1 Total Contract Price: \$ 627,076.86

Per Vehicle Price: \$ 627,076.86

**Customer Info**

Customer:	City of Juneau JCOS
Address:	
Contact:	
Office Phone:	
Mobile Phone:	907-723-2481
E-Mail:	

**Floorplan**





Base Model - 01	Qty
24 - 165" WB GAS - GM 14,200 GVWR	1
Chassis - 02	Qty
Black Steel Bumper	1
Driver Side Running Board - 12" w/o wing	1
Front Mud Flaps	1
Tow Hooks Rear	1
GerFlor Flooring Sirius Anthracite Gray (no coving on sides)	1
Dealer Transfer Chassis (includes Chassis PDI) <b>NEED DEALERSHIP RELEASE CODE</b>	1
Mirrors - 03	Qty
Remote/Htd Velvac door mounted	1
Windows - 04	Qty
Window behind Driver (GM ONLY)	1
Solid Framed Windows	1
Extra Std Egress window front Drvr Side (191", 208", 210" WB) **in addition to std egress windows	1
Exterior - 05	Qty
Rear Center Brake Light	1
Ext Light at entry door	1
Amber lens for Turn Signal	1
Interior Lights on w/door opening	1
Door/Hatch/Luggage - 06	Qty
Lower OH Access Door Only w/thumb latch (GM only)	1
Sensitive Door Edge - Main Entry	1
Electrical - 07	Qty
Alarm Backup	1
Driver Console Switch Panel	1
Auxiliary Battery, Compartment w/Tray & Door Key Lock	1
Stainless Steel Battery Tray	1
Rotary Disconnect Switch	1
Fast Idle	1
Egress Window Lights (match # of Egress Windows)	1
Ext Door Toggle Switch	1
Ramp Activation System (includes Ext Ramp Toggle Switch)	1
Audio - 08	Qty
Buss Bar w/(2) 6way Fuse Blocks (1) Ignition Hot, (1) Battery Hot	1
Interior Environment - 09	Qty
Air Conditioning - Rooftop Systems	
ACC - A/C 80,000 BTU MINISPHERES 130 <b>HEAT/COOL COMBO</b>	1
Interior - 10	Qty
LH Entry Stanchion w/Grab Handle	1
RH Entry Stanchion w/Grab Handle	1
Assist Handles on Entry Doors	1
FRP Ceiling	1
FRP Sidewalls	1
High Back Shield Sport Seat w/Recliner/Armrest/Lumbar (FORD only with OEM Seat Delete)	1
Seating - Passenger -12	Qty
Freedman Seats - Featherweight	
Low Back Double Seat	1
Seating - Accessories - 13	Qty
Retractable Seat Belt (each)	2



<b>Seating Trim Levels - 14</b>	Qty
Seat Cover - Level 1	2
<b>Safety - 15</b>	Qty
Safety Kit, includes #10 fire extinguisher (3.5lb), 16 Unit First Aid Kit & triangle kit shipped loose	1
Standee Line w/ Sign White	1
<b>ADA - 16</b>	Qty
<b>Q'Straint Q8100-A-SC3</b> (Slide & Click) 4 Deluxe Retractors (Q8-6200-SC) 1 - Retractable	1
ADA Decals (included in tiedown kit)	1
Wheelchair Decal (included in tiedown kit)	1
Entry Ramp w/IO Controls - Braun 34" x 62 (GM Only)	1

**Base Model Options**

Qty	Part #	Description	FY 2021 List Price	QTY Total
1	BM-18	SOE 30' 191" WB Charge EV	\$ 528,249.00	\$ 528,249.00
-		<b>Subtotal Base Model Options:</b>		<b>\$ 528,249.00</b>

**Options**

Qty	Part #	Description	FY 2021 List Price	QTY Total
<b>Spirit Model Line</b>				
<b>Equest Model Line</b>				
6	ELF1-139	Mid High Double Seat	\$ 385.71	\$ 2,314.29
1	ELF1-140	Mid High Single Seat	\$ 237.86	\$ 237.86
3	ELF1-149	Double BV Foldaway Seat with notch	\$ 906.43	\$ 2,719.29
1	ELF1-202	Q'Straint Q8100-A-SC3 (Slide & Click) 4 Deluxe Retractors (Q8-6200-SC) 1 - Retractable Shoulder Belt Reel (Q5-6415-RET-ASL) Regular lap belt w/ pin connector (Q8-6325)	\$ 771.43	\$ 771.43
1	ELF1-220	REAR Second Door Entry Ramp Braun 34" (N/A w/Vapor Door)	\$ 6,975.00	\$ 6,975.00
-		<b>Subtotal Manufacturer Options:</b>		<b>\$ 13,017.86</b>



Honorable Mayor Weldon, City Manager Rorie Watt, and Assembly Members,

The Downtown Business Association (DBA) Board passed a motion to request that CBJ staff apply for the 5339 (c) Low or No Emission Bus Grant Program for a Downtown Juneau Circulator. The Board is in full agreement that a circulator in downtown would be an incredible benefit not only for our visitors, but for locals and our member businesses alike while creating equitable access throughout the downtown core and A'akw Kwáan District. As stated in the resolution, since 1984 various CBJ initiatives have made the case for a downtown circulator, but with the upcoming grant opportunity, we believe that now is the time to move forward. We appreciate your consideration.

*Alexandra Vrabec*

Alexandra Vrabec

Director

Juneau Downtown Business Association



**Downtown Business Association Motion to request City and Borough of Juneau file for a US Dept. of Transportation 5339 (c) Low or No Emission Bus Grant Program for a Downtown Juneau Circulator.**

**Background.** CBJ's Capital Transit leadership and staff have successfully applied and obtained electrical buses to replace older life cycle diesel buses for Juneau's Capital Transit system. However, Capital Transit does not have any buses currently old enough to file for replacement in 2022. Further, the grant program allows and encourages the expansion of services in which an electric, ADA compliant Downtown Circulator expansion of service perfectly matches the DOT grant objectives. Several manufacturers now supply electric 30 foot and under circulator-type electric buses.

Juneau has and continues to have a long-standing goal to provide downtown bus circulator services, as evidenced in the: Juneau Comprehensive Plan, multiple CBJ transportation plan editions from 1984 and forward, Juneau Climate Action and Implementation Plan, Juneau Renewable Energy Strategy, and more recently, Visitor Industry Task Force recommendations and Blueprint Juneau. We do not have a circulator system from these past documents because we have not had the funds to implement a circulator system, which the Low No grant opportunity now provides.

**DBA position.** Downtown Businesses, downtown residents, and older visitors are exceptionally served by a Capital Transit downtown circulator that serves as a people move throughout the downtown and A'akw Kwáan District areas safely, clean, and conveniently. A downtown circulator helps relieve congestion on high visitation days and provides a service that makes Juneau a welcoming and more inviting Capital City.

It is a known phenomenon that the walking distances of many aged visitors are short, and therefore, many visitors stay on the ships and cannot fully enjoy what downtown Juneau has to offer. Further, many downtown residents do not own cars with limited parking. A downtown circulator enables downtown residents and visitors transportation to conveniently shop downtown merchants, restaurants, and visit governmental or visitor industry venues.

**DBA Motion.** We request that the CBJ file a 2022 Low No grant application to secure electric circulator buses and bus charging infrastructure with federal transportation dollars.

We ask that CBJ allocates the necessary resources of staff and time to timely file for this 2022 grant opportunity. The filing deadline is currently open, and the State of Alaska deadline is April 30, 2022.

The DBA representing our members stands by to support this CBJ initiative to timely use federal funds to improve our downtown with electric circulator transportation services and benefits for our members, downtown residents, and visitors alike. Together great things can happen for Juneau.

Motion Discussed at DBA Board Meeting April 5, 2022 and Passed Via Email on April 6, 2022.



## Juneau Commission on Sustainability

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www.juneau.org/sustainability  
155 S. Seward Street • Juneau, AK 99801

### **JCOS Resolution Requesting Capital Transit to file an FTA 5339(C) LOW OR NO EMISSION GRANT PROGRAM 2022 Application to initiate federal funding for the Downtown Circulator**

Whereas, Juneau Capital Transit (CT) has consistently and successfully obtained federal funding through the FTA 5339 (C) Low or No (Low No) US Department of Transportation Grant program to transform Juneau's bus system from diesel to electric; and

Whereas, the Juneau Commission on Sustainability (JCOS) has annually assisted CT in the grant process, including seeking and obtaining letters of support; and

Whereas, CT is unable to seek additional electric bus replacements at this time as Juneau's remaining diesel bus fleet has longer life cycles remaining and the buses are ineligible for electric replacement; and

Whereas, Juneau has had a long and outstanding community goal of establishing a downtown circulator as demonstrated in 1984, 1996, 2012, and 2014 CBJ studies and white papers; and

Whereas, these past studies and white papers supported the downtown circulator but found insufficient funds and capital required to initiate such service; and

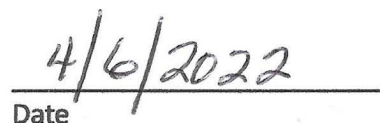
Whereas, the Juneau Climate Action and Implementation Plan, the Juneau Renewable Energy Strategy, Blueprint Juneau, the CBJ Comprehensive Plan, and the Visitor Industry Task Force recommendations all support a downtown circulator; and

Whereas, the 2022 Low No Grant funding provides a timely opportunity for Capital Transit to obtain the funding for two or more electric circulator type buses and charging infrastructure to initiate a downtown circulator service, and

Now Therefore be it Resolved

JCOS recommends that Capital Transit, with JCOS assistance, prepare and file a 5339 Low No Grant to secure electric bus downtown circulator funding to initiate service as soon as grant-funded buses are procured.

  
Gretchen Keiser, Chair, Juneau Commission on Sustainability

  
Date