

**'23 SB 950 ZEV Infra Council EEE DGS SUP 3-30-23.p**

Uploaded by: Ellen Robertson

Position: FAV



Wes Moore, Governor · Aruna Miller, Lt. Governor · Atif Chaudhry, Acting Secretary

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**BILL:** Senate Bill 950 - Maryland Zero Emission Electric Vehicle Infrastructure Council - Membership

**COMMITTEE:** Senate Education, Energy, and the Environment

**DATE:** March 30, 2023

**POSITION:** Support

Senate Bill 950 expands the membership of the Maryland Zero Emission Electric Vehicle Infrastructure Council. This council is composed of a variety of stakeholders to facilitate the successful integration of zero-emission vehicles (ZEVs) into the State's transportation framework. Among its duties, the council is also responsible for developing a recommendation for a statewide electric vehicle (EV) charging and hydrogen refueling infrastructure plan, including placement opportunities for public charging and hydrogen refueling stations. A representative of a heavy-duty plug-in electric drive vehicle manufacturer is added to the council. The sponsor has agreed to add DGS as a member of the Council.

DGS is invested in EV infrastructure through the responsibilities given to the agency per Chapter 38, Maryland Laws 2022 (Senate Bill 528, Climate Solutions Now Act). State Finance & Procurement §14-418 states "The Department of General Services shall ensure the development of charging infrastructure to support the operation of Zero-Emission Vehicles in the state vehicle fleet" and further requires the submission of an annual report on the state vehicle fleet, zero-emission vehicles purchased by the state, savings associated with the purchase and operation of zero-emission vehicles and an evaluation of the existing charging infrastructure.

To date, DGS has installed 145 charging ports at 26 sites throughout the state with another 1,012 charging ports in production. This is an ongoing process to expand EV infrastructure as the state fleet continues to transition to EVs. As a member of the Council DGS will provide current and upcoming information on the state's progress for the installation of EV charging stations. DGS will provide the Council with EV infrastructure data as the charging infrastructure advances thus assisting to efficiently develop EV infrastructure in the state.

For these reasons, DGS urges a favorable report for Senate Bill 950. For additional information, contact Ellen Robertson at 410-260-2908.

**SB 950 Reprint.pdf**

Uploaded by: Paul Corderman

Position: FAV

UNOFFICIAL COPY OF SENATE BILL 950

SENATE BILL 950

R7

3lr2962  
CF 3lr3087

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By: **Senator Corderman**

Introduced and read first time: February 23, 2023

Assigned to: Rules

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A BILL ENTITLED

1 AN ACT concerning

2 **Maryland Zero Emission Electric Vehicle Infrastructure Council - Membership and Reporting**

3 FOR the purpose of altering the composition of the Maryland Zero Emission Electric  
4 Vehicle Infrastructure Council to include a representative of a light-duty plug-in  
5 electric drive vehicle manufacturer and a heavy-duty plug-in electric drive vehicle  
6 manufacturer and the Secretary of General Services; altering reporting requirements for the  
7 Council; and generally relating to the Maryland Zero Emission Electric  
Vehicle Infrastructure Council.

8 BY repealing and reenacting, with amendments,  
9 Chapter 400 of the Acts of the General Assembly of 2011, as amended by Chapters  
10 64 and 65 of the Acts of the General Assembly of 2013, Chapter 378 of the Acts  
11 of the General Assembly of 2015, Chapter 213 of the Acts of the General  
12 Assembly of 2019, Chapter 118 of the Acts of the General Assembly of 2020,  
13 and Chapter 607 of the Acts of the General Assembly of 2021  
14 Section 1

15 BY repealing and reenacting, with amendments,  
16 Chapter 401 of the Acts of the General Assembly of 2011, as amended by Chapters  
17 64 and 65 of the Acts of the General Assembly of 2013, Chapter 378 of the Acts  
18 of the General Assembly of 2015, Chapter 213 of the Acts of the General  
19 Assembly of 2019, Chapter 118 of the Acts of the General Assembly of 2020,  
20 and Chapter 607 of the Acts of the General Assembly of 2021  
21 Section 1

22 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,  
23 That the Laws of Maryland read as follows:

24 **Chapter 400 of the Acts of 2011, as amended by Chapters 64 and 65 of the Acts of**  
25 **2013, Chapter 378 of the Acts of 2015, Chapter 213 of the Acts of 2019, Chapter**  
26 **118 of the Acts of 2020, and Chapter 607 of the Acts of 2021**

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1 SECTION 1. BE IT ENACTED BY THE GENERAL ASSEMBLY OF MARYLAND,  
2 That:

3 (a) In this section, "zero emission electric vehicle" includes:

4 (1) A plug-in electric drive vehicle as defined in § 11-145.1 of the  
5 Transportation Article; and

6 (2) A fuel cell electric vehicle as defined in § 11-125.1 of the Transportation  
7 Article.

8 (b) There is a Maryland Zero Emission Electric Vehicle Infrastructure Council.

9 (c) The Council consists of the following members:

10 (1) One member of the Senate of Maryland, appointed by the President of  
11 the Senate;

12 (2) Two members of the House of Delegates, appointed by the Speaker of  
13 the House;

14 (3) The Secretary of Transportation, or the Secretary's designee;

15 (4) The Secretary of Planning, or the Secretary's designee;

16 (5) The Secretary of the Environment, or the Secretary's designee;

17 (6) The Secretary of Commerce, or the Secretary's designee;

**(7) THE SECRETARY OF GENERAL SERVICES, OR THE SECRETARY'S  
DESIGNEE;**

18 ~~(7)~~ **(8)** The Executive Director of the Technical Staff of the Maryland Public  
19 Service Commission, or the Executive Director's designee;

20 ~~(8)~~ **(9)** The Director of the Maryland Energy Administration, or the Director's  
21 designee;

22 ~~(9)~~ **(10)** The People's Counsel, or the People's Counsel's designee; and

23 ~~(10)~~ **(11)** The following members appointed by the Governor:

24 (i) One representative of an institution of higher education in the  
25 State with expertise in energy, transportation, or the environment;

26 (ii) Two representatives of the Maryland Association of Counties,  
27 including:

28 1. A representative who resides in a rural region of the State;

29 and

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1                            2.     A representative who resides in an urban or suburban  
2 region of the State;

3                            (iii)     Two representatives of the Maryland Municipal League,  
4 including;

5                            1.     A representative who resides in a rural region of the State;  
6 and

7                            2.     A representative who resides in an urban or suburban  
8 region of the State;

9                            (iv)     One representative of the Baltimore Electric Vehicle Initiative;

10                            (v)     Two representatives of electric companies in the State;

11                            (vi)     One representative of a **LIGHT-DUTY** plug-in electric drive  
12 vehicle manufacturer;

13                            (vii)     **ONE REPRESENTATIVE OF A HEAVY-DUTY PLUG-IN**  
14 **ELECTRIC DRIVE VEHICLE MANUFACTURER;**

15                            **(VIII)**     One representative of a manufacturer of plug-in electric drive  
16 vehicle charging stations;

17                            [(viii)] **(IX)**     One representative of manufacturers of fuel cell electric  
18 vehicles;

19                            [(ix)] **(X)**     One representative of manufacturers of fuel cell electric  
20 vehicle infrastructure equipment;

21                            [(x)] **(XI)**     One representative of fleet vehicle operators;

22                            [(xi)] **(XII)**     One representative of electrical workers;

23                            [(xii)] **(XIII)**     One representative of the environmental community;

24                            [(xiii)] **(XIV)**     One public member with expertise in energy or  
25 transportation policy;

26                            [(xiv)] **(XV)**     One representative of the Maryland Automobile Dealers  
27 Association; and

28                            [(xv)] **(XVI)**     One representative of the retail electric supplier  
29 community.

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1 (d) The Governor shall designate the chair or cochairs of the Council.

2 (e) The Department of Transportation shall provide staff support to the Council  
3 with the assistance of the Maryland Energy Administration and Maryland Public Service  
4 Commission.

5 (f) A member of the Council:

6 (1) May not receive compensation as a member of the Council; but

7 (2) Is entitled to reimbursement of expenses under the Standard State  
8 Travel Regulations, as provided in the State budget.

9 (g) The Council shall:

10 (1) Develop an action plan to facilitate the successful integration of zero  
11 emission electric vehicles into the State's transportation network;

12 (2) Assist in developing and coordinating statewide standards for  
13 streamlined permitting and installation of residential and commercial electric vehicle  
14 charging and hydrogen refueling stations and supply equipment;

15 (3) Develop a recommendation for a statewide electric vehicle charging and  
16 hydrogen refueling infrastructure plan, including placement opportunities for public  
17 charging and hydrogen refueling stations;

18 (4) Increase consumer awareness and demand for zero emission electric  
19 vehicles through public outreach;

20 (5) Make recommendations regarding monetary and nonmonetary  
21 incentives to support zero emission electric vehicle ownership and maximize private sector  
22 investment in zero emission electric vehicles;

23 (6) Develop targeted policies to support fleet purchases of zero emission  
24 electric vehicles;

25 (7) Develop charging solutions for existing and future multidwelling units;

26 (8) Develop model procurement practices for light-duty vehicles that  
27 include an evaluation of the vehicle lifecycle costs inclusive of estimated fuel cost over the  
28 anticipated life of the vehicle;

29 (9) Encourage local and regional efforts to promote the use of electric  
30 vehicles and attract federal funding for State and local zero emission electric vehicle  
31 programs;

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1 (10) Recommend policies that support zero emission electric vehicle  
2 charging and hydrogen refueling from clean energy sources;

3 (11) Recommend a method of displaying pricing information at public  
4 charging and hydrogen refueling stations;

5 (12) Establish performance measures for meeting zero emission electric  
6 vehicle-related employment, infrastructure, and regulatory goals; and

7 (13) Pursue other goals and objectives that promote the utilization of zero  
8 emission electric vehicles in the State.

9 (h) (1) On or before December 1, 2013, December 1, 2014, December 1, 2015,  
10 December 1, 2016, December 1, 2017, December 1, 2018, [and] December 1, 2019, **AND**  
11 **DECEMBER 1, 2023**, the Council shall submit interim reports of its work and  
12 recommendations to the Governor and, in accordance with § 2-1257 of the State  
13 Government Article, the General Assembly.

14 (2) On or before June 30, [2020] **2024**, the Council shall submit a final  
15 report of its work and recommendations to the Governor and, in accordance with § 2-1257  
16 of the State Government Article, the General Assembly.

17 **Chapter 401 of the Acts of 2011, as amended by Chapters 64 and 65 of the Acts of**  
18 **2013, Chapter 378 of the Acts of 2015, Chapter 213 of the Acts of 2019, Chapter**  
19 **118 of the Acts of 2020, and Chapter 607 of the Acts of 2021**

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26 Article.

27 (b) There is a Maryland Zero Emission Electric Vehicle Infrastructure Council.

28 (c) The Council consists of the following members:

29 (1) One member of the Senate of Maryland, appointed by the President of  
30 the Senate;

31 (2) Two members of the House of Delegates, appointed by the Speaker of  
32 the House;



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1 (3) The Secretary of Transportation, or the Secretary's designee;

2 (4) The Secretary of Planning, or the Secretary's designee;

3 (5) The Secretary of the Environment, or the Secretary's designee;

4 (6) The Secretary of Commerce, or the Secretary's designee;

**(7) THE SECRETARY OF GENERAL SERVICES, OR THE SECRETARY'S  
DESIGNEE;**

5 ~~(8)~~ **(8)** The Executive Director of the Technical Staff of the Maryland Public  
6 Service Commission, or the Executive Director's designee;

7 ~~(9)~~ **(9)** The Director of the Maryland Energy Administration, or the Director's  
8 designee;

9 ~~(10)~~ **(10)** The People's Counsel, or the People's Counsel's designee; and

10 ~~(11)~~ **(11)** The following members appointed by the Governor:

11 (i) One representative of an institution of higher education in the  
12 State with expertise in energy, transportation, or the environment;

13 (ii) Two representatives of the Maryland Association of Counties,  
14 including:

15 1. A representative who resides in a rural region of the State;  
16 and

17 2. A representative who resides in an urban or suburban  
18 region of the State;

19 (iii) Two representatives of the Maryland Municipal League,  
20 including:

21 1. A representative who resides in a rural region of the State;  
22 and

23 2. A representative who resides in an urban or suburban  
24 region of the State;

25 (iv) One representative of the Baltimore Electric Vehicle Initiative;

26 (v) Two representatives of electric companies in the State;

27 (vi) One representative of a **LIGHT-DUTY** plug-in electric drive  
28 vehicle manufacturer;

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1 (vii) **ONE REPRESENTATIVE OF A HEAVY-DUTY PLUG-IN**  
 2 **ELECTRIC DRIVE VEHICLE MANUFACTURER;**

3 **(VIII)** One representative of a manufacturer of plug-in electric drive  
 4 vehicle charging stations;

5 **[(viii)] (IX)** One representative of manufacturers of fuel cell electric  
 6 vehicles;

7 **[(ix)] (X)** One representative of manufacturers of fuel cell electric  
 8 vehicle infrastructure equipment;

9 **[(x)] (XI)** One representative of fleet vehicle operators;

10 **[(xi)] (XII)** One representative of electrical workers;

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12 **[(xiii)] (XIV)** One public member with expertise in energy or  
 13 transportation policy;

14 **[(xiv)] (XV)** One representative of the Maryland Automobile Dealers  
 15 Association; and

16 **[(xv)] (XVI)** One representative of the retail electric supplier  
 17 community.

18 (d) The Governor shall designate the chair or cochairs of the Council.

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 20 with the assistance of the Maryland Energy Administration and Maryland Public Service  
 21 Commission.

22 (f) A member of the Council:

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24 (2) Is entitled to reimbursement of expenses under the Standard State  
 25 Travel Regulations, as provided in the State budget.

26 (g) The Council shall:

27 (1) Develop an action plan to facilitate the successful integration of zero  
 28 emission electric vehicles into the State's transportation network;

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- 1           (2)     Assist in developing and coordinating statewide standards for  
2 streamlined permitting and installation of residential and commercial electric vehicle  
3 charging and hydrogen refueling stations and supply equipment;
- 4           (3)     Develop a recommendation for a statewide electric vehicle charging and  
5 hydrogen refueling infrastructure plan, including placement opportunities for public  
6 charging and hydrogen refueling stations;
- 7           (4)     Increase consumer awareness and demand for zero emission electric  
8 vehicles through public outreach;
- 9           (5)     Make recommendations regarding monetary and nonmonetary  
10 incentives to support zero emission electric vehicle ownership and maximize private sector  
11 investment in zero emission electric vehicles;
- 12          (6)     Develop targeted policies to support fleet purchases of zero emission  
13 electric vehicles;
- 14          (7)     Develop charging solutions for existing and future multidwelling units;
- 15          (8)     Develop model procurement practices for light-duty vehicles that  
16 include an evaluation of the vehicle lifecycle costs inclusive of estimated fuel cost over the  
17 anticipated life of the vehicle;
- 18          (9)     Encourage local and regional efforts to promote the use of electric  
19 vehicles and attract federal funding for State and local zero emission electric vehicle  
20 programs;
- 21          (10)    Recommend policies that support zero emission electric vehicle  
22 charging and hydrogen refueling from clean energy sources;
- 23          (11)    Recommend a method of displaying pricing information at public  
24 charging and hydrogen refueling stations;
- 25          (12)    Establish performance measures for meeting zero emission electric  
26 vehicle-related employment, infrastructure, and regulatory goals; and
- 27          (13)    Pursue other goals and objectives that promote the utilization of zero  
28 emission electric vehicles in the State.
- 29          (h)    (1)     On or before December 1, 2013, December 1, 2014, December 1, 2015,  
30 December 1, 2016, December 1, 2017, December 1, 2018, [and] December 1, 2019, **AND**  
31 **DECEMBER 1, 2023**, the Council shall submit interim reports of its work and  
32 recommendations to the Governor and, in accordance with § 2-1257 of the State  
33 Government Article, the General Assembly.

9

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1           (2)       On or before June 30, [2020] **2024**, the Council shall submit a final  
2 report of its work and recommendations to the Governor and, in accordance with § 2-1257  
3 of the State Government Article, the General Assembly.

4           SECTION 2. AND BE IT FURTHER ENACTED, That this Act shall take effect July  
5 1, 2023.

# **SB 950 Sen Corderman Testimony.pdf**

Uploaded by: Paul Corderman

Position: FAV

**PAUL D. CORDERMAN**  
*Legislative District 2*  
Frederick and Washington Counties

Budget and Taxation Committee

*Subcommittees*

Capital Budget

Education, Business and Administration



James Senate Office Building  
11 Bladen Street, Room 403  
Annapolis, Maryland 21401  
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800-492-7122 Ext. 3903  
Paul.Corderman@senate.state.md.us

**THE SENATE OF MARYLAND**  
**ANNAPOLIS, MARYLAND 21401**

March 30, 2023

Senate Education, Energy, and Environment Committee  
Chairman Brian Feldman  
Vice Chair Cheryl Kagan  
2 West  
Miller Senate Office Building  
Annapolis, MD 21401

**Testimony in Support of Senate Bill SB 950 – Maryland Zero Emission Electronic Vehicle Infrastructure Council - Membership**

Chairman Feldman, Vice Chairwoman Kagan, & Members of the EEE Committee,

Thank you for the opportunity to present SB 950 this afternoon. This bill would alter the composition of the Maryland Zero Emission Electronic Vehicle Infrastructure Council to include a representative of a light-duty plug-in electric drive vehicle manufacturer and a heavy-duty plug-in electronic drive vehicle manufacturer in order to diversify and further encompass more facets of this industry. Additionally, the Department of General Services has requested inclusion on the Council (either the Secretary or the Secretary's Designee) given their role in the development of charging infrastructure to support the operation of Zero-Emission Vehicles in the state vehicle fleet. As such, you will find a letter of support from the Department, as well as an amendment that has been submitted to the Committee for review.

Thank you for your consideration and I respectfully ask for a favorable report on SB 950.

Sincerely,

A handwritten signature in blue ink, appearing to read "Paul D. Corderman".

Paul D. Corderman  
District 2 – Washington & Frederick Counties

# **SB950.pdf**

Uploaded by: Richard Tabuteau

Position: FAV

# V O L V O

TO: The Honorable Brian Feldman, Chair  
Members, Senate Education, Energy, & Environment Committee  
The Honorable Paul D. Corderman

FROM: Richard A. Tabuteau

DATE: March 30, 2023

RE: **FAVORABLE** – Senate Bill 950 – *Maryland Zero Emission Electric Vehicle Infrastructure Council – Membership*

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The Volvo Group drives prosperity through transport and infrastructure solutions, offering trucks, buses, construction equipment, power solutions for marine and industrial applications, financing and services that increase our customers' uptime and productivity. Founded in 1927, the Volvo Group is committed to shaping the future landscape of sustainable transport and infrastructure solutions. The Volvo Group employs more than 100,000 people worldwide and serves customers in more than 190 markets. Volvo Group North America employs around 14,000 people in the United States and operates 11 manufacturing and remanufacturing facilities in seven states.

In Maryland, Volvo Group North America's Hagerstown Powertrain Production facility employs nearly 2,000 people including over 1,400 members of the UAW Locals 171 and 1247 and is the last major automotive manufacturer in the state. The plant develops, manufactures, and tests heavy-duty powertrains, transmissions and axles for its Mack and Volvo trucks as well as Prevost and Volvo buses at its 280-acre campus. Volvo Group also employs more than 60 people at one of its U.S. parts distribution facilities in Elkridge.

Senate Bill 950 alters the composition of the Maryland Zero Emission Electric Vehicle Infrastructure Council (ZEEVIC) to include a representative of a heavy-duty plug-in electric drive vehicle manufacturer. Currently, only a representative of a light-duty plug-in electric drive vehicle manufacturer serves on ZEEVIC.

ZEEVIC was established in 2011 and charged with the development of policies, recommendations, and incentives that increase awareness of zero-emission vehicles (ZEVs), support the ownership of ZEVs, and promote investment by the private sector in ZEVs; the development of recommendations for a statewide EV charging and hydrogen refueling infrastructure plan; and the development of other potential policies to promote and facilitate the successful integration of ZEVs into Maryland's transportation network.



Volvo and Mack Trucks are the North American industry leaders in Zero-Emission (ZE) Class 8 truck sales. In 2020, the Volvo Group made a global commitment to having 100% of its product sales being fossil free by 2040, including a nearer term goal of 35% of product sales being zero-emission by 2030. The Hagerstown plant plays a key role in this transition through the manufacturing of all modular power boxes for the Volvo VNR electric and Mack LR electric Class 8 trucks. Mack Trucks also sells an electric refuse truck.

As ZEEVIC continues its mission to develop policies, recommendations, and incentives around ZEVs, it is vitally important that it also have perspective and information about the unique characteristics of ZE heavy-duty trucks and the requirements for the successful adoption of these vehicles in Maryland. As such, representation of a heavy-duty plug-in electric drive vehicle manufacturer on ZEEVIC is extremely important.

Volvo Group urges the Senate Education, Energy, & Environment Committee to give Senate Bill 950 a favorable report.

**For more information call:**

Richard A. Tabuteau  
347.886.2904

# **SB950 Favorable W Amendment.pdf**

Uploaded by: Balfour Albacarys

Position: FWA

# INTERNATIONAL BROTHERHOOD OF ELECTRICAL WORKERS - LOCAL UNION No. 24

AFFILIATED WITH:

Baltimore-D.C. Metro Building Trades Council — AFL-CIO  
Baltimore Port Council  
Baltimore Metro Council — AFL-CIO  
Central MD Labor Council — AFL-CIO  
Del-Mar-Va Labor Council — AFL-CIO  
Maryland State - D.C. — AFL-CIO  
National Safety Council



AFL-CIO-CLC

BALTIMORE, MARYLAND 21230

C. SAMUEL CURRERI, President  
DAVID W. SPRINGHAM, JR., Recording Secretary  
JEROME T. MILLER, Financial Secretary  
MICHAEL J. McHALE, Business Manager

OFFICE:  
2701 W. PATAPSCO AVE  
SUITE 200

Phone: 410-247-5511

FAX: 410-536-4338

## Written Testimony of

**Rico Albacarys, Assistant Business Agent, IBEW LOCAL 24**

**Before the Senate Education, Energy and Environment On**

**SB 950 Maryland Zero Emission Electric Vehicle Infrastructure Council – Membership**

### Favorable With Amendment

March 29, 2023

Chairman Feldman and Committee Members,

I support SB 950, with the amendment of adding representatives from labor organizations and Electrical Vehicle Infrastructure Training Programs (EVITP) to the Electric Vehicle Infrastructure Council. Including labor representatives will ensure that the needs and interests of workers are considered, bringing valuable insights into creating a sustainable and equitable infrastructure of vehicle chargers in our state. Adding stakeholders from EVITP's will help the council craft realistic training and recruitment measures to facilitate the building of said infrastructure.

The Council's work is crucial in promoting the construction of electrical vehicle charging infrastructure and helping to meet the State's decarbonization goals. Representatives from labor organizations and training partners should have a seat at the table.

Therefore, I urge you to vote **favorably** on **SB 950**, with the **proposed amendment** of adding labor representatives.

Sincerely,

Rico Albacarys

Assistant Business Agent IBEW Local 24