



F-gas Reduction Incentive Program (FRIP) Public Workshop

August 15, 2024



FRIP Staff



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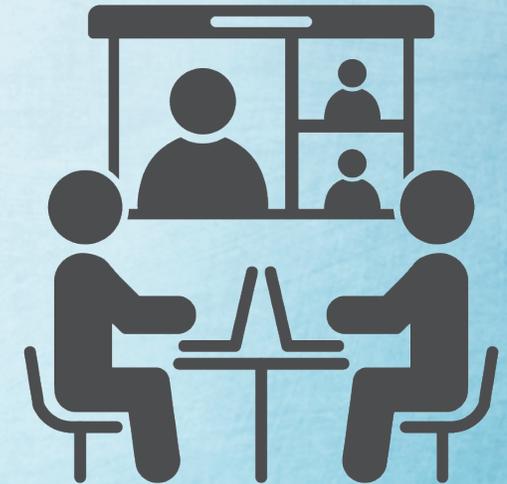
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Technical Lead
NASRC



Rusty Walker
Training Director
NASRC

Webinar Guidelines

- Comments and questions will be addressed during two designated Comment & Question periods.
- **Verbal comments and questions:** Use the raised hand function (*9 if calling in by phone) and the host will call on you to unmute in the order hands were raised.
- Be respectful. Limit verbal comments to three minutes.
- **Written comments and questions:** Leave them in the Q&A box at any time. They will be addressed alongside verbal comments and questions during the designated Comment & Question periods.
- State your name and affiliation before asking a question or making a comment.
- Email FRIP@arb.ca.gov with any remaining comments or questions.

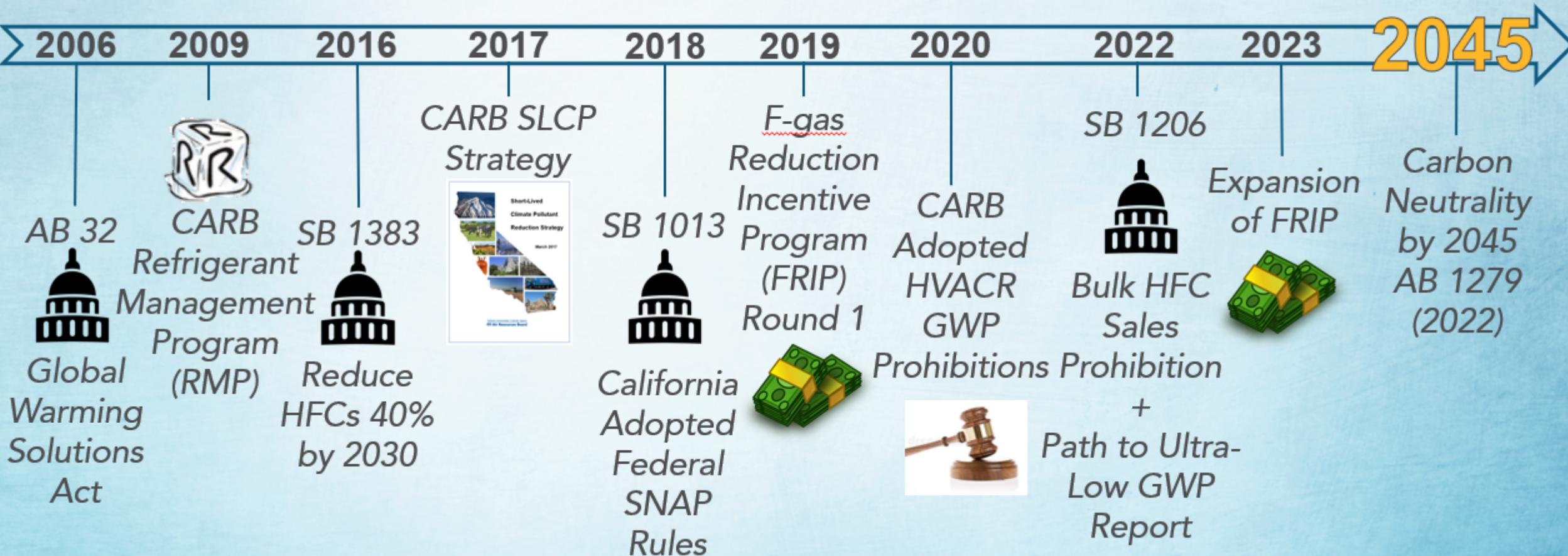


Agenda

Time	Topic
1:00 p.m.	FRIP Overview
1:10 p.m.	Draft Commercial & Industrial Solicitation Design
1:30 p.m.	Comments and Questions
2:00 p.m.	Outreach and Application Support
2:05 p.m.	FRIP Web Portal & Application Preparation
2:20 p.m.	Next Steps
2:25 p.m.	Comments and Questions
3:00 p.m.	Adjourn

FRIP Overview

California's Commitment to Hydrofluorocarbon (HFC) Reductions





FRIP

**F-gas Reduction
Incentive Program**



NORTH AMERICAN
**Sustainable
Refrigeration
Council**

\$65 million for FRIP Round 2

- \$65 million from CA Legislature to reduce HFCs and increase climate-friendly alternatives
- North American Sustainable Refrigeration Council (NASRC) selected as FRIP Round 2 administrator
- Public process happening now to design FRIP Round 2
- **Provide feedback to FRIP@arb.ca.gov**

DRAFT FRIP Round 2 Proposed Funding Breakdown

Category	Funding (in millions)
Commercial and industrial (C&I) refrigeration in existing facilities with systems with >50 lb. of refrigerant	\$38.5
C&I refrigeration in new and existing facilities with systems with ≤50 lb. of refrigerant	\$2
Other sectors (TBD)	\$18
Third-party administration (from 2023-2030)	\$6.5
TOTAL	\$65

FRIP Round 2 Commercial & Industrial Refrigeration **DRAFT** Solicitation Design

FRIP Round 2: **DRAFT** Commercial & Industrial (C&I) Refrigeration Solicitation

Goals

- Reduce hydrofluorocarbons (HFCs)
- Alleviate barriers to adopting ultra-low-global warming potential (GWP) refrigeration equipment
- Prioritize facilities in disadvantaged and low-income communities, small businesses, & independent facilities



Program Highlights

- [Draft Funding Guidelines](#) available now
- \$38.5 million available for ultra-low-GWP technologies (<10 GWP)
- Existing RMP facilities with >50 lb. systems in C&I refrigeration sectors
- First come, first served in two application windows
- Application portal: www.FRIPfunding.com

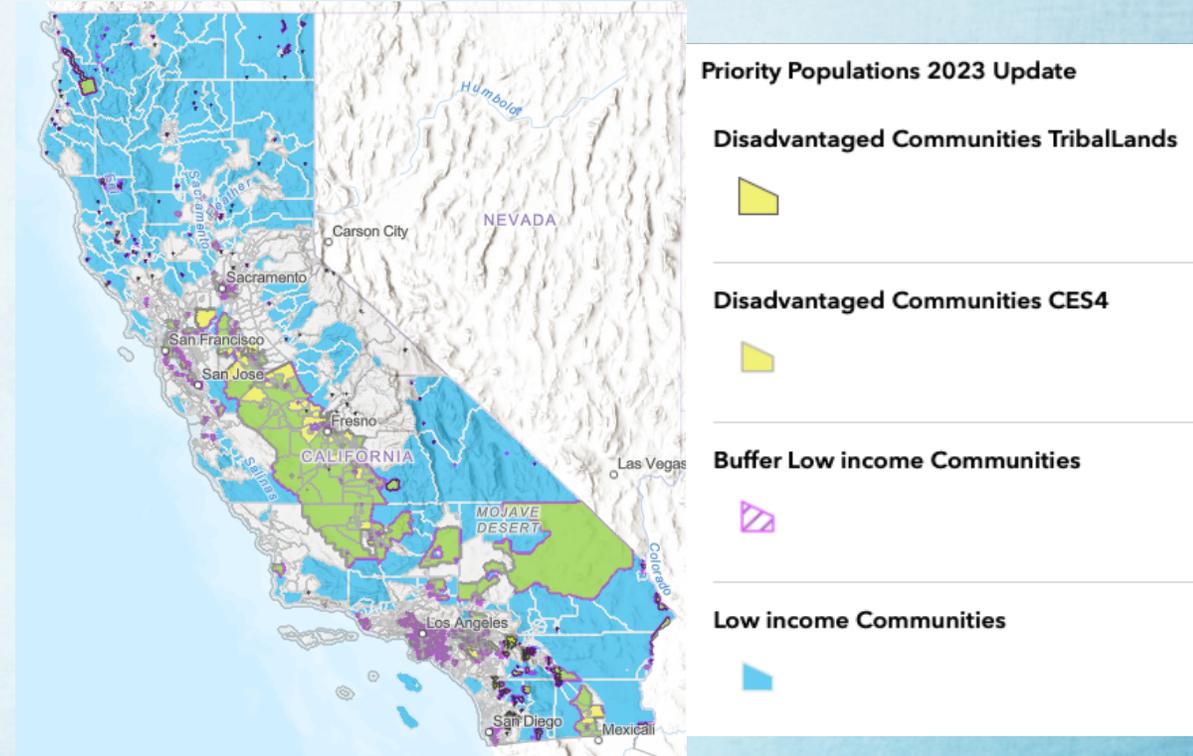
Staff Proposal for Sector Funding Allocations Based on RMP Data

Refrigeration Sector	Company Size	Funds (millions)	Funds Available in Window 1 (millions)	Funds Available in Window 2 (millions)
Retail Food Refrigeration	≥20 Facilities	\$18.2	\$18.2	Any remaining funds
Retail Food Refrigeration	<20 Facilities	\$12.3	\$6.15	\$6.15
Industrial Process Refrigeration	N/A	\$5	\$5	Any remaining funds
Cold Storage/Other Refrigeration	N/A	\$3	\$3	Any remaining funds

Staff Proposal for Program Priorities

Facilities in priority communities: disadvantaged and low-income communities*

Independent facilities: company owns or operates only one facility



*View interactive mapping tool: www.arb.ca.gov/cci-communityinvestments

Staff Proposal for Eligible Project Types

Full Replacement: 100% replacement of an existing refrigeration system using a high-GWP refrigerant with a refrigeration system using a <10 GWP refrigerant.

Partial Replacement: Conversion of an existing refrigeration system using a high-GWP refrigerant to an indirect system using a <10 GWP refrigerant, with the primary refrigerant using a <2,200 GWP refrigerant.*

*Refrigerant retrofit may be required.

Staff Proposal for Eligibility Criteria for Existing Systems

- Existing direct refrigeration system in California
- Uses HFC or other high-GWP F-gas refrigerant
- Registered under CARB's Refrigerant Management Program

Refrigeration Sector	Existing System GWP	Existing System Charge Size
Retail Food Refrigeration	>1,300	>50 lb.
Industrial Process Refrigeration	>1,800	>2,000 lb.
Cold Storage/Other Refrigeration	>1,800	>1,000 lb.

Staff Proposal for Eligibility Criteria

- ✓ Proposed replacement system uses ultra-low-GWP refrigerant
- ✓ Installation completed by certified technicians
- ✓ High-GWP refrigerants removed are treated according to existing laws
- ✓ Installation completed by January 1, 2027
- ✓ FRIP funding not used with other refrigerant-focused incentive funding offered by California State agencies
- ✓ Applicant complies with existing laws, including CARB RMP and 2020 HFC regulations

Staff Proposal - Incentive Award Increases with High-GWP Refrigerant Removed and Replaced

Incentive Metric	Incentive Calculation Basis
Linear Foot of Refrigerated Case	Based on the linear feet of high-GWP refrigerated case removed. For island cases removed, the perimeter of the unit will be used.
Square Foot of Walk-in or Refrigerated Space	Based on the square feet of high-GWP walk-in cooler or freezer space removed.
Cooling Load Ton	Based on cooling load tons using high-GWP refrigerant that are replaced with an ultra-low-GWP refrigerant. This is not based on the capacity of the mechanical system.

In total, the size/capacity of the replacement system(s) must be +/-15% of the size/capacity of the removed system(s).

Staff Proposal for Incentive Awards

Refrigeration Sector	Full Replacement Incentives	Partial Replacement Incentives
Retail Food Refrigeration	<ul style="list-style-type: none"> • \$600/ln ft case • \$8/sq ft walk-in <p>Facilities located in priority communities & independent facilities:</p> <ul style="list-style-type: none"> • \$700/ln ft case • \$10/sq ft walk-in 	<ul style="list-style-type: none"> • \$300/ln ft case • \$5/sq ft walk-in <p>Facilities located in priority communities & independent facilities:</p> <ul style="list-style-type: none"> • \$350/ln ft case • \$7/sq ft walk-in
Industrial Process Refrigeration	<ul style="list-style-type: none"> • \$1,500/cooling load ton 	<ul style="list-style-type: none"> • \$900/cooling load ton
Cold Storage/Other Refrigeration	<ul style="list-style-type: none"> • \$700/ln ft case • \$10/sq ft ref. space • \$1,500/cooling load ton 	<ul style="list-style-type: none"> • \$350/ln ft case • \$7/sq ft ref. space • \$900/cooling load ton

Staff Proposal for Incentive Award Maximums

Refrigeration Sector	Company Size	Incentives per Project	Incentives per Company
Retail Food Refrigeration	≥20 Facilities	\$400,000 (or \$500,000 for facilities located in priority communities)	\$1 million (or \$1.1 million if 2 facilities are located in priority communities)
Retail Food Refrigeration	<20 Facilities	\$400,000 (or \$500,000 for facilities located in priority communities)	1 project
Industrial Process Refrigeration	N/A	\$500,000	1 project
Cold Storage/Other Refrigeration	N/A	\$500,000	1 project

Funding amount cannot exceed 100% of the documented cost of the ultra-low-GWP refrigeration equipment.*

*Eligible costs of refrigeration equipment may include refrigeration mechanical equipment, refrigerant, evaporators, connecting piping, valves and controls, and other materials.

Staff Proposal - Summary of Requirements for Retail Food Companies with ≥ 20 Facilities

- **\$18.2 million available** in Window 1
 - No more than half of available funds will be spent on projects that include partial replacements
- All existing systems to be replaced must have **>1,300 GWP**
- At least one existing system to be replaced must use **>50 lb. of high-GWP refrigerant**
- Higher incentives for:
 - Facilities located in priority communities
 - Full replacements (vs. partial replacements)
- Limit of **\$1 million per company** (or \$1.1 million if at least 2 facilities are in priority communities) - no maximum number of projects
- Limit of **\$400,000 per facility** (or \$500,000 for facilities located in priority communities)

Staff Proposal - Summary of Requirements for Retail Food Companies with <20 Facilities

- **\$6.15 million** available in Window 1 & **\$6.15 million** available in Window 2
- All existing systems to be replaced must have **>1,300 GWP**
- At least one existing system to be replaced must use **>50 lb. of high-GWP refrigerant**
- Higher incentives for:
 - Facilities located in priority communities
 - Independent facilities
 - Full replacements (vs. partial replacements)
- Limit of **one project per company**
- Limit of **\$400,000 per facility** (or \$500,000 for facilities located in priority communities)

Staff Proposal - Summary of Requirements for Industrial Process Refrigeration (IPR)

- **\$5 million** available in Window 1
 - At least half of available funds will be spent on projects that are replacing at least one existing system with a >3,900 GWP refrigerant
- All existing systems to be replaced must have **>1,800 GWP**
- At least one existing system to be replaced must have **>2,000 lb. of high-GWP refrigerant**
- Higher incentives for full replacements (vs. partial replacements)
- Limit of **one project per company**
- Limit of **\$500,000 per facility**

Staff Proposal - Summary of Requirements for Cold Storage and Other Refrigeration

- **\$3 million** available in Window 1
 - At least half of available funds will be spent on projects that are replacing at least one existing system with a >3,900 GWP refrigerant
- All existing systems to be replaced must have **>1,800 GWP**
- At least one existing system to be replaced must use **>1,000 lb. of high-GWP refrigerant**
- Higher incentives for full replacements (vs. partial replacements)
- Limit of **one project per company**
- Limit of **\$500,000 per facility**

Staff Proposal for Project Timeline

Milestone	Timeline
Applicant submits application through the FRIP web portal (www.fripfunding.com)	ASAP after September 16, 2024
NASRC sends applicant grant agreement	~3 weeks
Applicant and NASRC execute grant agreement	Within 3 weeks of award notification
Grantee orders equipment and submits purchase order	Within 90 days AFTER grant is executed
Grantee completes installation	By January 1, 2027
Grantee submits reimbursement request	By January 1, 2027
Grantee receives reimbursement	By April 30, 2027

Comments and Questions



Use the raised hand function (*9 if calling in by phone) or submit your question or comment in the Q&A box on Zoom.



Please state your name and affiliation before asking a question or making a comment.

Questions to Consider

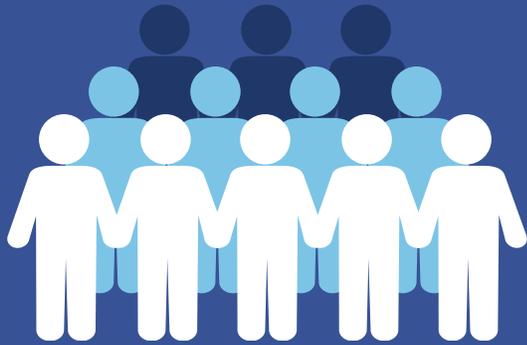
- Would you prefer to have available funding split over two application windows?
- Will any eligibility requirements pose significant barriers to implementation?
- Will you have sufficient time to prepare a FRIP application and complete a FRIP project?
- What are the best ways to encourage energy efficiency for the new ultra-low-GWP equipment?

Outreach and Application Support

Who We Are

A 501c3 nonprofit working to create a sustainable future for supermarket refrigeration by removing barriers to natural refrigerant adoption.

180+
member
companies



55K+
food retail
locations



Goals

-  Build a sustainable technician workforce
-  Increase funding for natural refrigerant equipment
-  Improve technology options, education, and awareness



NASRC End-User Members



NASRC Members



Application Support

- ✓ Phone calls, emails to RMP facilities and Partners
- ✓ Meetings to review project details
- ✓ Launched webinar series
- Technical roundtable calls - *Coming Soon*
- Support for project eligibility and requirements
- Support preparing and submitting online application
- Connection to additional funding resources

Contact FRIP

833-852-FRIP (833-852-3747)

info@FRIPFunding.com

www.FRIPFunding.com

Technical Assistance for Small and Independent Food Retailers (<20 sites)

- ✓ Sent program mailer
- ✓ Project eligibility review
- ✓ Technology familiarization meetings
- Pre-install inspections and site visits
- Support for project scoping
- Support for obtaining project bids
- Answer technical questions

Contact FRIP

833-852-FRIP (833-852-3747)

info@FRIPFunding.com

www.FRIPFunding.com

FRIP Web Portal and Application Prep

Application Fields

- Facility address and contact information
- Estimated start/end dates
- Estimated project costs
- Existing and proposed refrigeration system information
 - Existing and proposed refrigeration system type
 - Existing and proposed refrigerant type
 - Existing refrigerant charge size
 - Existing and proposed system size (In ft of case, sq ft of walk-in, and/or cooling load ton)
- Project documents

Web Portal Walk-through

FRIP F-gas Reduction Incentive Program

About Contact Us

FRIP F-Gas Reduction Incentive Program

The F-Gas Reduction Incentive Program (FRIP) is designed to promote the adoption of climate-friendly low-global warming potential (GWP) refrigerant technologies. These are critical but expensive projects; incentives can help.

Create an account or sign in to apply for funding.

Have an account?

User Id * [Forgot username?](#)

Password * [Forgot password?](#)

Remember me

Log in

Create new account

www.fripfunding.com

Once login is setup, the first step is to create an account profile with contact and mailing information.

Create a New Account

✕ Close Save

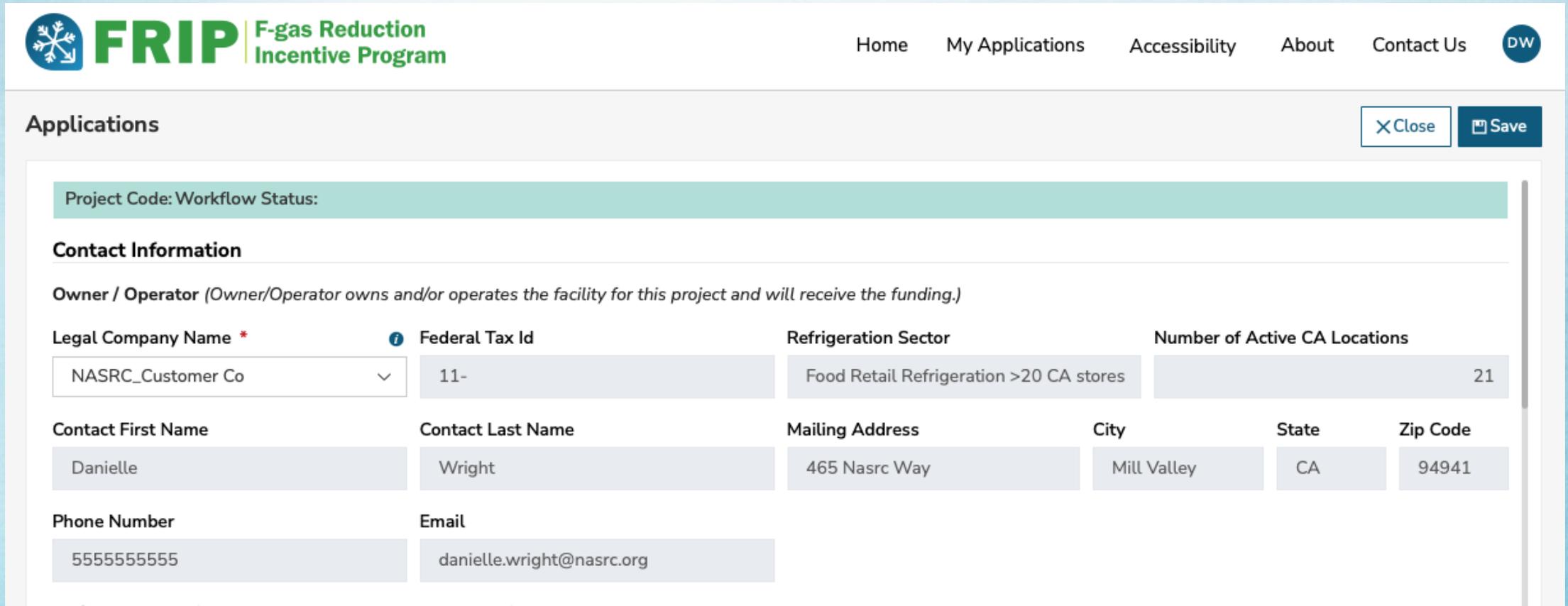
Contact Information

First Name *	Last Name *	Title	
<input type="text"/>	<input type="text"/>	<input type="text"/>	
Company / Organization Name *	Company Type *	Federal Tax ID *	Website
<input type="text"/>	Select ▼	<input type="text"/>	<input type="text"/>
Phone *	Email *	Number of Active CA Locations *	
<input type="text"/>	<input type="text"/>	<input type="text"/>	

Mailing Address

Street Address *	City *	State *	Zip Code *
<input type="text"/>	<input type="text"/>	Selec ▼	<input type="text"/>

The application contact information will automatically pull from the account profile.



The screenshot shows the FRIP (F-gas Reduction Incentive Program) application interface. At the top, there is a navigation bar with the FRIP logo and menu items: Home, My Applications, Accessibility, About, Contact Us, and a user profile icon labeled 'DW'. Below the navigation bar, the 'Applications' section is active, with 'Close' and 'Save' buttons. The main content area displays the 'Contact Information' section for a project. A green bar at the top of this section indicates 'Project Code: Workflow Status:'. Below this, the 'Owner / Operator' is identified as 'NASRC_Customer Co'. The form includes fields for 'Legal Company Name', 'Federal Tax Id', 'Refrigeration Sector', and 'Number of Active CA Locations'. The contact details provided are: Contact First Name: Danielle, Contact Last Name: Wright, Mailing Address: 465 Nasrc Way, City: Mill Valley, State: CA, Zip Code: 94941, Phone Number: 5555555555, and Email: danielle.wright@nasrc.org.

Legal Company Name *	Federal Tax Id	Refrigeration Sector	Number of Active CA Locations		
NASRC_Customer Co	11-	Food Retail Refrigeration >20 CA stores	21		
Contact First Name	Contact Last Name	Mailing Address	City	State	Zip Code
Danielle	Wright	465 Nasrc Way	Mill Valley	CA	94941
Phone Number	Email				
5555555555	danielle.wright@nasrc.org				

If different from Owner/Operator, applicants can enter contacts for Project Manager and Legal Notices

Project Manager *(Point of contact for all communications)*

Same as Owner / Operator
 Yes

Contact First Name	Contact Last Name	Street Address	City	State	Zip Code
Danielle	Wright	465 Nasrc Way	Mill Valley	CA <input type="checkbox"/>	94941

Phone Number: (555)555-5555
Email Address: danielle.wright@nasrc.org

Recipient For Legal Notices

Same as Owner / Operator: Yes
Same as Project Manager: No

Contact First Name	Contact Last Name	Address	City	State	Zip Code
Danielle	Wright	465 Nasrc Way	Mill Valley	CA <input type="checkbox"/>	94941

Phone Number:
Email:

Applicants will provide facility information and project details

Facility Information

Facility Information

Facility Name *	Street Address *	City *	State *	Zip Code *
Example Facility	1234 Example Way	Example	CA	94941

Is the facility located in a priority community? * i

Select ▼

Project Details

Project Title	Proposed Start Date	Proposed End Date
Project Example	1/1/2025	4/1/2025

Project Cost Estimates

Budgeted Refrigeration Equipment Cost	Total Budgeted Cost of Refrigeration Replacement	Budgeted Labor/Other Costs
\$ 1,000,000.00	\$ 2,000,000.00	\$ 1,000,000.00

Applicants will provide information on the existing refrigeration system and proposed system

System Information

Existing System Details

System Number Identifier	System Type	Existing Refrigerant Type	Refrigerant Charge	Linear Ft of Case
1	Centralized DX System>1300 G	R-404A	2,000	500.00

Total 1 10/page < 1 > Go to 1

Proposed System Details

System Number Identifier	System Type	Refrigerant Charge	Linear Ft of Case	Sq. Ft. of Walk-In Space
1	Transcritical CO2	2,000	500.00	2,000.00

Total 1 10/page < 1 > Go to 1

Applicants can enter separate records for each refrigeration system including details on the type, refrigerant, charge, and connected load of linear feet of case and square foot of walk-in space

Existing System Information

* System Number Identifier	* Existing Refrigeration System Architecture <i>i</i>	Existing Refrigerant Type	Existing Refrigerant Charge (lbs) <i>i</i>
1	Centralized DX System>1300 GWP	R-404A	2,000
Existing Ln. Ft. of Case <i>i</i>	Existing Sq. Ft. of Walk-in Space <i>i</i>		
500.00	2,000.00		

Proposed System Information

* System Number Identifier	* Proposed Refrigeration System Architecture <i>i</i>	Replacement Type <i>i</i>	Proposed Refrigerant Type
1	Transcritical CO2	Full System	R-744 (Carbon Dioxide)
Proposed Refrigerant Charge (lbs)			
2,000			
Proposed Ln. Ft. of Case <i>i</i>	Proposed Sq. Ft. of Walk-in Space <i>i</i>		
500.00	2,000.00		

Applicants will upload project documents including existing and proposed refrigeration drawings and project cost budgets

Project Documents

Existing Refrigeration Schedule Upload Completed >

File Name	Uploaded On	File Size	
Screenshot :	08/09/2024 09:55:3...	35.27 KB	i ↓ 🗑

Existing Floor Plan Upload Completed >

File Name	Uploaded On	File Size	
Natural Refr	08/09/2024 09:56:0...	341.00 KB	i ↓ 🗑

Project Cost Budgets Upload Completed >

File Name	Uploaded On	File Size	
Screenshot :	08/09/2024 09:55:3...	35.27 KB	i ↓ 🗑

Completed Inspection Form i Upload Completed >

File Name	Uploaded On	File Size	
Screenshot :	08/09/2024 09:55:5...	28.44 KB	i ↓ 🗑

Example Refrigeration Schedule

DATE:
LOCATION:
FILE:
rev:

REFRIGERATION SCHEDULE

SALES SQ. FEET: 39160
DESIGN CONDITIONS: 105F

SYS.	FIXTURE	TYPE	MODEL	LENGTH	SUCTION	LOW TEMP	MED TEMP	DEFROST	REFRIG	E.P.R.	TXV	SYS.
						BTUH	BTUH					
S/C	SUB COOLING	WTT/America	AE8-64		+25f	372.2		T-O	R-404a	NONE	1)SEI-50-C	S/C
LTL	LOW TEMP LOAD				+23f	126.3		T-O	R-404a	NONE		LTL
BMS-1	STORE AIR COND.	EXISTING	EXISTING		+35f	293.7		T-O	R-404a	NONE	2)OSE-12-C	A/C
BMS-2	MEAT PREP A/C	CARRIER	(E)40RM008		+40f	36.0		T-O	R-404a	ORIT-6	1)SSE-3-C	BMS-2
BMS-3	CUST SRV/BOOK KEEPER	CARRIER	58MXB		+40f	24.0		T-O	R-404a	ORIT-6	1)EGSE-2-C	BMS-3
BMS-4	DELI PREP A/C	CARRIER	(E)40RM008		+40f	72.0		T-O	R-404a	ORIT-6	1)SSE-6-C	BMS-4
BMS-5	TECH RM/DIR OFF A/C	EXISTING	EXISTING		+40f	12.0		T-O	R-404a	ORIT-6	1)EGSE-1-C	BMS-5
1-1	MACHINE ROOM A/C	LARKIN	1)LCA-6-160		+40f	24.0		T-O	R-404a	ORIT-6	1)EGSE-2-C	1-1
1-2	SPARE								R-404a			1-2
1-3	SPARE								R-404a			1-3
1-4	SPARE								R-404a			1-4
1-5	SPARE								R-404a			1-5
1-6	SPARE								R-404a			1-6
1-7	SPARE								R-404a			1-7
1-8	SPARE								R-404a			1-8
1-9	SPARE								R-404a			1-9
1-10	SPARE								R-404a			1-10
1-11	SPARE								R-404a			1-11
1-12	SPARE								R-404a			1-12
1-13	SPARE								R-404a			1-13
1-14	SPARE								R-404a			1-14
1-15	SPARE								R-404a			1-15
1-16	SPARE								R-404a			1-16
1-17	SPARE								R-404a			1-17
1-18	PACKAGED PRODUCE	5 DECK	O5DM	8	+23f	10.8		T-O	R-404a	NONE		1-18
1-19	PRODUCE CASE	WALL	OHPH	12	+23f	14.6		T-O	R-404a	NONE		1-19
1-20	PACKAGED PRODUCE	5 DECK	O5DM	8	+23f	10.8		T-O	R-404a	NONE		1-20
1-21	PRODUCE CASE	WALL	OHPH	12	+23f	14.6		T-O	R-404a	NONE		1-21
1-22	PRODUCE CASE	ISLAND	OIP	20	+23f	27.0		T-O	R-404a	NONE		1-22
1-23	PRODUCE CASE	WALL	OHPH	48	+23f	58.3		T-O	R-404a	NONE		1-23
1-24	PRODUCE CASE	WALL	OHPH	16	+23f	19.4		T-O	R-404a	NONE		1-24
1-25	PACKAGED PRODUCE	5 DECK	O5DM	32	+23f	43.2		T-O	R-404a	NONE		1-25
1-26	SPARE								R-404a			1-26
1-27	PRODUCE W.I.	LARKIN	1)LCA-6-350	403	+23f	34.3		T-O	R-404a	NONE	1)EGSE-2-C	1-27
1-28	FLORAL CASE	EXISTING		3	+23f	5.0		T-O	R-404a	NONE		1-28
1-29	FLORAL OPEN CASE	BORGEN		6	+23f	9.9		T-O	R-404a	NONE		1-29
1-30	SPARE								R-404a			1-30
1-31	EQUIP ROOM EXHAUST											1-31
1-32	EQUIP ROOM HFC											1-32

Inspection Form Template

Inspector Information				
Inspection Date				
Inspector (First and Last Name)				
Inspector Contact (Phone, Email)				
Site Information				
Food Retailer Name				
Address				
City / Zip				
Store Contact (First and Last Name)				
Store Contact (Phone/Email)				
System Information				
Refrigeration System 1				
System Type				
Refrigerant				
Charge				
Refrigeration System 2				
System Type				

Applicants will certify and sign application before incentive is calculated, and application can be submitted.

Certifications

I authorize the California Air Resources Board to make any inquiries necessary to verify the information presented in this application. I have read and understand the terms and conditions contained in the Guidelines. I accept the terms and conditions contained in the Guidelines and am willing to enter into an agreement with the California Air Resources Board to conduct the proposed project according to the terms and conditions without negotiation.

I hereby certify under penalty of perjury that all information provided in this application and any attachments are true and correct.

Signature

Same as Owner / Operator

Yes

Same as Project Manager

Yes No

Same as Recipient for Legal Notices

Yes No

Owner / Operator Representative Name

Danielle Wright

Owner / Operator Representative Title

Executive Director

Owner / Operator Representative Email Address

danielle.wright@nasrc.org

I have read and understood the terms and conditions of the Sample Grant Agreement

Staff Proposal for Project Selection Process

- First come, first served* within each refrigeration sector based on date/time application is submitted
- NASRC may request corrections and clarifications within 3-5 business days without impacting place in line

Applications may be:

- 1. Approved** if project is eligible and funding is available.
- 2. Rejected** if project is ineligible.
- 3. Waitlisted** if funding is not available.

Applicants will be notified via email.

*Randomized lottery if oversubscribed on first day

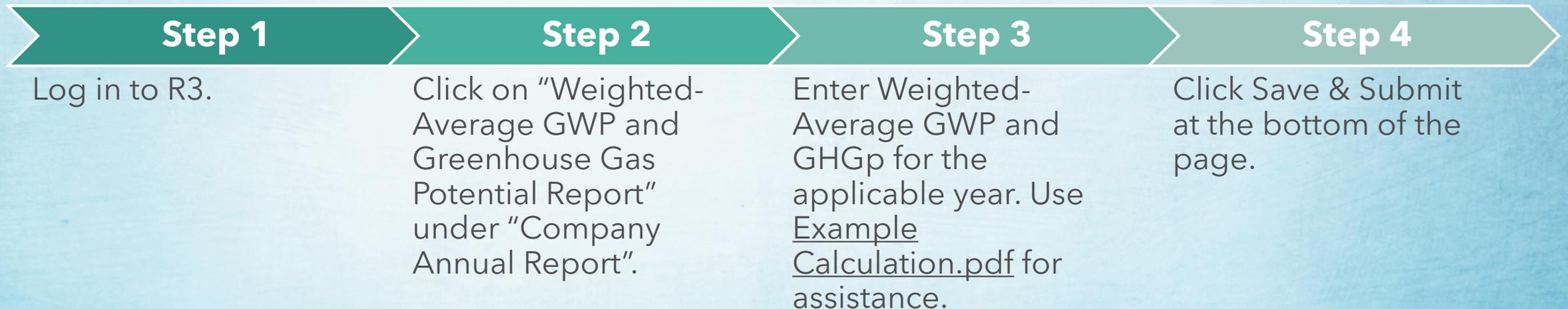
Steps to Prepare Your FRIP Applications

- 1. Provide feedback** on the Draft Funding Guidelines to FRIP@arb.ca.gov.
- 2. Confirm eligibility** (based on eligibility requirement tables).
 - Confirm facility is registered under RMP.
 - Confirm company has reported under CARB's 2020 HFC regulation.
- 3. Contact NASRC** for application and technical support.
833-852-FRIP (833-852-3747)
info@FRIPFunding.com
www.FRIPFunding.com
- 4. Compile application information.**

**This is a first come, first served program.
CARB and NASRC encourage applicants to apply as soon as possible after the application window opens.**

Steps to Report Under CARB's 2020 HFC Regulation

- **Retail food companies ONLY**
- **Every year by March 1 (started in 2022)**
 - Required to submit annual reports into the [Refrigerant Registration and Reporting System \(R3\)](#)
 - Annual reports must include company-wide weighted-average global warming potential (GWP) and greenhouse gas potential (GHGp)



- **Contact CARB at HFCReduction@arb.ca.gov with any questions.**

Staff Proposal for Funding Guidelines and Application Timeline

Milestone	Estimated Date
FRIP Round 2 DRAFT Funding Guidelines Released for Public Comment	August 1, 2024
FRIP Public Workshop	August 15, 2024
Public Comment Period Ends	August 22, 2024
Final C&I Funding Guidelines Published FRIP Web Portal Launched	September 3, 2024
Application Window 1 Opens	September 16, 2024
Application Window 1 Closes	December 16, 2024
Application Window 2 Opens	January 15, 2025

Share your feedback with CARB: FRIP@arb.ca.gov

DRAFT FRIP Round 2 Proposed Funding Breakdown

Category	Funding (in millions)
C&I refrigeration in existing facilities with systems with >50 lb. of refrigerant	\$38.5
C&I refrigeration in new and existing facilities with systems with ≤50 lb. of refrigeration	\$2
Other sectors. Some ideas are: <ul style="list-style-type: none">• Fire and safety research for A3 refrigerants• Ultra-low-GWP heat pump technologies• Space conditioning• Commercial and industrial heat pumps for process applications• Workforce development• Refrigerant reclaim	\$18
Third-party administration	\$6.5
TOTAL	\$65

Comments and Questions



Use the raised hand function (*9 if calling in by phone) or submit your question or comment in the Q&A box on Zoom.



Please state your name and affiliation before asking a question or making a comment.

Questions to Consider

- Are we providing enough application support and time for you to apply for FRIP funding? If not, what needs to change?
- If you're not interested in FRIP funding currently, what would make you interested in applying for FRIP?
- What should CARB consider using the remaining \$18 million for?

Contact Us

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<https://ww2.arb.ca.gov/our-work/programs/FRIP>

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Thank you for participating!



FRIP | F-gas Reduction
Incentive Program