



**FRIP**



NORTH AMERICAN  
**Sustainable  
Refrigeration  
Council**

# **F-gas Reduction Incentive Program (FRIP): Commercial and Industrial Refrigeration Draft Funding Guidelines**

August 1, 2024

The California Air Resources Board is accepting public comments on the Draft Funding Guidelines until August 22, 2024 via email to [FRIP@arb.ca.gov](mailto:FRIP@arb.ca.gov). These Draft Funding Guidelines are subject to change pending public comment. The Final Funding Guidelines will tentatively be available September 3, 2024 on <https://ww2.arb.ca.gov/our-work/programs/FRIP> and [www.FRIPfunding.com](http://www.FRIPfunding.com).

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## Chapter 1: Introduction

The F-gas Reduction Incentive Program (FRIP) is a California Air Resources Board (CARB) funding program established by Senate Bill (SB) 1013<sup>1</sup> that seeks to alleviate barriers to adopting climate-friendly refrigerant technologies and to reduce emissions of hydrofluorocarbons (HFCs), which are potent greenhouse gases. This solicitation focuses on commercial and industrial refrigeration, a sector that has market-ready ultra-low-global warming potential (GWP), defined as having a GWP <10, refrigerant technologies available and the potential for significant emission reductions. CARB's 2020 HFC regulation<sup>2</sup> places requirements on the GWP of refrigerants in refrigeration systems in new facilities. This solicitation focuses on incentives for existing facilities, which face financial and technical challenges in transitioning to ultra-low-GWP refrigerant technologies compared to new facilities.

In 2020, CARB awarded \$1 million to ultra-low-GWP and lower-GWP refrigeration projects in Round 1 of FRIP.<sup>3</sup> Based on the success of the program and the further need to reduce the outsized climate impacts of refrigerants to meet the goals of SB 1383,<sup>4</sup> CARB received \$65 million<sup>5</sup> from the Legislature to expand FRIP. Table 1 outlines the proposed funding breakdown for this second round of FRIP.

**Table 1: FRIP Round 2 Proposed Funding Breakdown**

<b>Category</b>	<b>Funding (in millions)</b>
Commercial and industrial refrigeration in existing facilities with >50 lb. of refrigerant (this solicitation) <sup>6</sup>	\$38.5
Commercial and industrial refrigeration in new and existing facilities with ≤50 lb. of refrigerant	\$2
Other sectors (to be determined)	\$18
Third-party administration	\$6.5
<b>TOTAL</b>	<b>\$65</b>

CARB selected the North American Sustainable Refrigeration Council (NASRC) as the third-party administrator for FRIP Round 2 in Fall 2023 via a competitive solicitation.<sup>7</sup>

<sup>1</sup> Lara, Chapter 375, Statutes of 2018.

[https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill\\_id=201720180SB1013](https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB1013)

<sup>2</sup> California Code of Regulations, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4.

<https://ww2.arb.ca.gov/our-work/programs/stationary-hydrofluorocarbon-reduction-measures>

<sup>3</sup> <https://ww2.arb.ca.gov/our-work/programs/FRIP/frip-previously-funded-projects>

<sup>4</sup> [https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill\\_id=201520160SB1383](https://leginfo.legislature.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB1383)

<sup>5</sup> This includes \$35 million from the General Fund in Fiscal Year (FY) 2022-23, \$10 million from the Greenhouse Gas Reduction Fund in FY 2022-23, and \$20 million from the General Fund in FY 2023-24.

<sup>6</sup> All existing facilities may not be eligible for funding in this solicitation. Existing facilities must meet all eligibility requirements described in these Funding Guidelines.

<sup>7</sup> <https://ww2.arb.ca.gov/sites/default/files/2023-06/FRIP%202023%20PA%20Solicitation.pdf>

In close coordination with CARB, NASRC is responsible for administering FRIP with their subgrantee, DNV Energy Services USA Inc. (DNV).

CARB is accepting public comments on FRIP Round 2, including these Draft Funding Guidelines, the Draft Application Template (Appendix A), the Draft Technical Grantee Agreement Template (Appendix B), and the Draft Quantification Methodology and Benefits Calculator<sup>8</sup> until August 22, 2024 via email to [FRIP@arb.ca.gov](mailto:FRIP@arb.ca.gov). These Draft Funding Guidelines are subject to change pending public comment. The Final Funding Guidelines and program materials will tentatively be available September 3, 2024 on <https://ww2.arb.ca.gov/our-work/programs/FRIP> and [www.FRIPfunding.com](http://www.FRIPfunding.com), i.e., the FRIP web portal. Applicants will use the FRIP web portal to apply for FRIP funding and, if awarded funding, report on project implementation. The FRIP web portal may also be used to learn about the program and seek application assistance.

## 1.1. Program Dates and Application Windows

Funding will be allocated on a first-come, first-served basis (see section 4.1 for more information) over two application windows, hereinafter referred to as Window 1 and Window 2. Table 2 lists the opening and closing dates for each application window.

**Table 2: Application Window Dates**

<b>Application Window</b>	<b>Opening Date</b>	<b>Closing Date</b>
Window 1	September 16, 2024 12:01 am	December 16, 2024 11:59 pm
Window 2	January 15, 2025 12:01 am	April 15, 2025 11:59 pm

Prior to the application window opening, NASRC will conduct outreach and provide application assistance to all eligible facilities that report under CARB's Refrigerant Management Program (RMP).<sup>9</sup> Outreach and technical assistance will continue until the application window closes or until the applicable refrigeration sector's funding is significantly oversubscribed. The FRIP web portal will be available prior to the application window opening so potential applicants can prepare to apply.

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<sup>8</sup> <https://ww2.arb.ca.gov/resources/documents/cci-quantification-benefits-and-reporting-materials>

<sup>9</sup> California Code of Regulations, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4.  
<https://ww2.arb.ca.gov/our-work/programs/refrigerant-management-program>

## 1.2. Available Funding

The total funding available in this solicitation is \$38.5 million<sup>10</sup> to increase the adoption of ultra-low-GWP, i.e., GWP <10, refrigerant technologies for commercial and industrial refrigeration in existing facilities with >50 pounds of high-GWP refrigerant in at least one refrigeration system. This requirement aligns with the regulatory requirements for refrigeration facilities to report under RMP. Facilities located in disadvantaged and low-income communities<sup>11</sup> (collectively referred to as priority communities) and independent facilities<sup>12</sup> will be prioritized for funding through increased incentive awards, outreach and education, technical assistance, and funding set-asides.

Funding will be allocated across three commercial and industrial refrigeration sectors (retail food refrigeration, industrial process refrigeration, and cold storage and other refrigeration, which are defined in section 6.2) based on the distribution of these systems in RMP. Table 3 outlines the available funding per refrigeration sector in each application window. Funding has been split in the retail food refrigeration sector based on company<sup>13</sup> size to support the distribution of FRIP funding across a variety of companies in the sector. Company size demarcations are consistent with the requirements for existing retail food facilities in the 2020 HFC regulation.<sup>2</sup>

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<sup>10</sup> This solicitation is funded in part through California Climate Investments, a statewide initiative that puts billions of Cap-and-Trade dollars to work reducing greenhouse gas emissions, strengthening the economy, and improving public health and the environment - particularly in disadvantaged communities.

<sup>11</sup> Disadvantaged communities are census tracts identified as disadvantaged by California Environmental Protection Agency per SB 535 (De León, Chapter 830, Statutes of 2012) and designated using CalEnviroScreen 4.0. These include the 25% highest scoring census tracts in CalEnviroScreen 4.0, census tracts previously identified in the top 25% in CalEnviroScreen 3.0, census tracts with high amounts of pollution and low populations, and federally recognized tribal areas as identified by the Census in the 2021 American Indian Areas Related National Geodatabase. Low-income communities are census tracts identified as low-income per AB 1550 (Gomez, Chapter 369, Statutes of 2016).

<sup>12</sup> An independent facility is a facility with a refrigeration system that is owned or operated by one company. Under this definition, a company that owns or operates an independent facility must not own or operate any other facilities, businesses, affiliates, brands, or subsidiaries or franchises with refrigeration systems that are eligible for FRIP funding in this solicitation.

<sup>13</sup> A company is defined as all businesses, affiliates, brands, or subsidiaries or franchises, owned or operated by the same parent company.

**Table 3: Funding Allocation by Refrigeration Sector**

<b>Refrigeration Sector</b>	<b>Company Size</b>	<b>Total Funds Available (in millions)</b>	<b>Funds Available in Window 1 (in millions)</b>	<b>Funds Available in Window 2 (in millions)</b>
Retail Food Refrigeration	Companies that own or operate 20 or more retail food facilities in California OR national supermarket chains <sup>14</sup> operating in California	\$18.2	\$18.2	Any remaining funds
Retail Food Refrigeration	Companies that own or operate less than 20 retail food facilities in California	\$12.3	\$6.15	\$6.15
Industrial Process Refrigeration	N/A	\$5	\$5	Any remaining funds
Cold Storage and Other Refrigeration	N/A	\$3	\$3	Any remaining funds

After Window 1 closes, NASRC and CARB will evaluate program progress. Based on this evaluation and prior to opening Window 2, CARB may re-allocate funds between sectors, lower required minimum refrigerant charges, add increased incentive awards for priority facilities, or make other changes as needed to meet FRIP goals and expend funds in a timely manner. Applications that were waitlisted in Window 1 may be accommodated but are not guaranteed funding in Window 2. CARB reserves the right to re-evaluate the funding distribution based on program participation over time and to add funds from other budget allocations, as necessary.

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<sup>14</sup> A national supermarket chain is defined as a retail food chain, brand name, or business operating more than 100 retail food facilities in the United States.

## Chapter 2: Eligibility

### 2.1. Eligible Facilities

To be eligible for FRIP funding, the site of the proposed project must be in an existing refrigeration facility that is in California and is owned or operated by the applicant.<sup>15</sup> The applicant and facility must be registered under RMP and must comply with existing federal and state laws, including CARB’s RMP and 2020 HFC regulations. Companies that received funding in Round 1 of FRIP are eligible for funding in this solicitation, but the specific facilities that received funding in Round 1 of FRIP are not eligible for funding in this solicitation.

At least one existing refrigeration system that will be replaced must meet the refrigerant charge and GWP minimums listed in Table 4. Additional existing systems that will be replaced within a single facility do not need to meet the refrigerant charge minimum but must use a refrigerant that meets the GWP minimum, as listed in Table 4. The majority of the GHG reductions in a single facility must come from refrigeration systems that meet the minimum refrigerant charges in Table 4. Higher refrigerant charge minimums are required for the industrial process refrigeration and cold storage and other refrigeration sectors based on the significant emission reduction potential of facilities in these sectors.

**Table 4: Existing System Eligibility Requirements by Refrigeration Sector**

<b>Refrigeration Sector</b>	<b>Minimum GWP for All Existing Systems to be Replaced</b>	<b>Minimum Refrigerant Charge for at least One Existing System to be Replaced</b>
Retail Food Refrigeration	>1,300 GWP	50 lb.
Industrial Process Refrigeration	>1,800 GWP	2,000 lb.
Cold Storage and Other Refrigeration	>1,800 GWP	1,000 lb.

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<sup>15</sup> Where the applicant operates and leases but does not own the refrigeration equipment, prior to executing a grant agreement the applicant must provide a letter from the equipment owner granting consent for the proposed changes to the property and stating that the applicant will be the one administering the proposed technology replacement. Rented equipment is not eligible for FRIP funding.

## 2.2. Eligible Projects

Full<sup>16</sup> and partial<sup>17</sup> refrigeration system replacements are eligible under FRIP. All replacements must use ultra-low-GWP, defined as having a GWP <10,<sup>18</sup> refrigeration technologies. Replacement of existing indirect systems,<sup>19</sup> including the replacement of chillers used in the Industrial Process Refrigeration and Cold Storage sectors, is not eligible for funding under this solicitation.

An application must include the full or partial replacement of at least one system in an existing facility and may include the full or partial replacement of multiple systems in an existing facility. A single application may not include multiple facilities.

In total, the size/capacity of the replacement system(s) must be within 15% of the size/capacity of the existing systems(s) to be replaced. GHG reductions achieved by removing access to refrigerated goods are not eligible for FRIP funding.

The proposed installation must be completed by certified technicians.<sup>20</sup>

### 2.2.1. Example Technologies

Examples of eligible full system replacements that may be funded through FRIP include but are not limited to:

- Transcritical CO<sub>2</sub> rack systems or condensing units with adiabatic condensers, ejectors, and/or other enhancements that improve performance
- Ammonia (NH<sub>3</sub>), propane, or hydrofluoroolefin (HFO) in cascade or indirect systems with CO<sub>2</sub> or glycol as secondary heat transfer fluids
- Propane, CO<sub>2</sub>, or HFO micro-distributed systems with or without a water loop

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<sup>16</sup> A full replacement is defined as a 100% replacement of an existing refrigeration system using a minimum GWP refrigerant as defined in Table 4 with a refrigeration system using exclusively ultra-low-GWP refrigerants.

<sup>17</sup> A partial replacement is defined as conversion of an existing refrigeration system using a minimum GWP refrigerant as defined in Table 4 to an indirect system. The indirect system in a partial replacement must be able to use some of the existing refrigeration system equipment and must use an ultra-low-GWP secondary refrigerant alongside a primary refrigerant that has a GWP <2200 and ≤ the existing system refrigerant GWP.

<sup>18</sup> CARB refers to AR4 GWP values in this solicitation. Ultra-low-GWP is consistent with the first round of FRIP and with the definition of ultra-low-GWP in SB 1206 (Skinner, Chapter 884, Statutes of 2022).

<sup>19</sup> An indirect system is defined as a system that uses a central refrigeration system to cool a secondary fluid that is then circulated throughout the facility.

<sup>20</sup> Technicians must be certified under the United States Environmental Protection Agency (U.S. EPA) 608 program (Clean Air Act, 42 USC § 7671g; 42 U.S.C. 82.150 et seq.) and must also hold a current and active California contractor's license in the C38 - Refrigeration Contractor licensing classification or be an employee of a contractor with these qualifications.



Examples of eligible partial system replacements that may be funded through FRIP include but are not limited to HFCs with GWP <2,200 (e.g. R-407A, R-448A, R-449A) in cascade or indirect systems with CO<sub>2</sub> or glycol as secondary heat transfer fluids. If the existing refrigeration system uses a refrigerant with a GWP ≥2,200, then the facility must complete a refrigerant retrofit as part of the partial replacement.

## 2.3. Incentive Awards

Incentive awards, as outlined in Tables 5, 7, and 8, differ by refrigeration sector and scale with the size and scope of the replacement. Award amounts were determined based on expected project and equipment costs, stakeholder feedback collected by NASRC, and discussions with refrigeration experts.

### 2.3.1. Retail Food Refrigeration

For retail food refrigeration facilities, awards are based on the linear feet of high-GWP refrigerated case removed and the square footage of high-GWP walk-in cooler or freezer space removed. For island cases that are removed, the perimeter of the unit will be used to measure linear feet of refrigerated case.

Projects in retail food facilities located in priority communities<sup>21</sup> will receive additional incentives. Applicants may use CARB's interactive mapping tool<sup>22</sup> to identify whether their project is located in a priority community.

Projects in retail food facilities that are independent will also receive an increased incentive award. An independent facility with a refrigeration system is one that is owned or operated by one company. Under this definition, a company that owns or operates an independent facility must not own or operate any other facilities, businesses, affiliates, brands, or subsidiaries or franchises with refrigeration systems that are eligible for FRIP funding.

Full replacements, which yield higher GHG emission reductions and require completely new equipment, will receive larger awards compared to partial replacements. For companies that own or operate 20 or more retail food facilities in California or national supermarket chains operating in California, no more than half of the available funds (\$9.1 million in the first application window) may fund projects that include partial replacements. If half of available funds are awarded to projects

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<sup>21</sup> Priority communities is defined as disadvantaged and low-income communities as defined in section 6.2.

<sup>22</sup>

<https://gis.carb.arb.ca.gov/portal/apps/experiencebuilder/experience/?id=6b4b15f8c6514733972cabdda3108348>

that include partial replacements, additional applications received that include partial replacements will be placed on the waitlist.

Table 5 lists the incentive award amounts for the retail food refrigeration sector as described above.

**Table 5: Retail Food Refrigeration Incentive Awards**

<b>Facility Type</b>	<b>Full Replacement</b>	<b>Partial Replacement</b>
Facilities located in priority communities	\$700/ln. ft. case \$10/sq. ft. walk-in	\$350/ln. ft. case \$7/sq. ft. walk-in
Independent facilities	\$700/ln. ft. case \$10/sq. ft. walk-in	\$350/ln. ft. case \$7/sq. ft. walk-in
Other facilities	\$600/ln. ft. case \$8/sq. ft. walk-in	\$300/ln. ft. case. \$5/sq. ft. walk-in

Table 6 lists the maximum number of funding and facilities per company and maximum incentive award per facility allowed under this solicitation in the retail food refrigeration sector.

**Table 6: Retail Food Refrigeration Incentive Maximums**

<b>Company Size</b>	<b>\$ or Facility per Company Maximum</b>	<b>\$ per Facility Maximum</b>
Companies that own or operate 20 or more retail food facilities in California or national supermarket chains operating in California	\$1 million (or \$1.1 million if at least two facilities are located in priority communities)	\$400,000 (or \$500,000 for facilities located in priority communities)
Companies that own or operate less than 20 retail food facilities in California	One facility	\$400,000 (or \$500,000 for facilities located in priority communities)

### 2.3.2. Industrial Process Refrigeration

For industrial process refrigeration facilities, awards are based on the cooling load tons utilizing high-GWP refrigerant replaced with an ultra-low-GWP refrigerant. A cooling load ton is defined as the refrigeration system’s applied rate of heat transfer measured in tons at the cooling coils and heat exchangers, or the system capacity at applied conditions, whichever is less. The cooling load tons can be calculated by the cooling coils and other process heat exchanger specifications in the refrigeration drawings (plan views, equipment schedules and piping and instrumentation diagram set), or by engineering analysis.

Full replacements, which yield higher GHG emission reductions and are more aligned with California’s long-term climate goals, will receive larger awards compared to partial replacements.

Table 7 identifies the incentive award amounts for the industrial process refrigeration sector as described above.

**Table 7: Industrial Process Refrigeration Incentive Awards**

Full Replacement	Partial Replacement
\$1,500/cooling load ton	\$900/cooling load ton

For industrial process refrigeration facilities, companies may only receive incentive funding for one facility and the incentive will not exceed \$500,000, no matter the size of the project.

At minimum, half of available funds (\$2.5 million in the first application window) must fund projects that are replacing at least one existing system with a >3,900 GWP refrigerant. If half of the available funds are awarded to projects that are not replacing at least one existing system using a >3,900 GWP refrigerant, additional applications received that are not replacing at least one existing system using a >3,900 GWP refrigerant will be placed on the waitlist.

### 2.3.3. Cold Storage and Other Refrigeration

For cold storage and other types of refrigeration facilities, depending on refrigeration type, awards may be based on the linear feet of high-GWP refrigerated case removed and the square footage of high-GWP walk-in cooler or freezer space removed or on the cooling load tons utilizing high-GWP refrigerant replaced. For island cases, the perimeter of the unit will be used to measure linear feet of refrigerated case.

Full replacements, which yield higher GHG emission reductions and are more aligned with California’s long-term climate goals, will receive larger awards compared to partial replacements.

Table 8 lists the incentive award amounts for the cold storage and other refrigeration sector as described above.

**Table 8: Cold Storage and Other Refrigeration Incentive Awards**

Full Replacement	Partial Replacement
\$700/ln. ft. case	\$350/ln. ft. case
\$10/sq. ft. walk-in	\$7/sq. ft. walk-in
\$1,500/cooling load ton	\$900/cooling load ton

For cold storage and other refrigeration facilities, companies may only receive incentive funding for one facility and the incentive will not exceed \$500,000, no matter the size of the project.

At minimum, half of available funds (\$1.5 million in the first application window) must fund projects that are replacing at least one existing system with a >3,900 GWP refrigerant. If half of the available funds are awarded to projects that are not replacing at least one existing system using a >3,900 GWP refrigerant, additional applications received that are not replacing at least one existing system using a >3,900 GWP refrigerant will be placed on the waitlist.

## 2.4. Eligible Costs

In all sectors, eligible costs include the cost of the ultra-low-GWP refrigeration equipment, which may include refrigeration mechanical equipment, refrigerant, evaporators, connecting piping, valves and controls, and other materials.

Refrigeration equipment does not include installation labor or subcontracts. Due to funding constraints, equipment costs will be prioritized for reimbursement. This means that in the event the total equipment cost equals to or exceeds the total award amount, only equipment costs will be eligible for reimbursement. If FRIP funding is used to cover labor costs associated with installing the ultra-low-GWP refrigeration system, the project must follow the State's prevailing wage requirements for public works projects.<sup>23</sup>

Incentive awards will not exceed the documented cost of the refrigeration equipment. Equipment receipts will be required as part of the reimbursement request.

FRIP funding cannot be used to cover the following: cost of developing an application, any costs incurred during environmental review, or any costs incurred as a result of withdrawing a proposed award or canceling the solicitation.

The proposed replacement must not use FRIP funding in conjunction with any other refrigerant-focused incentive funding programs offered by California State agencies such as the Food Production Investment Program and the Healthy Refrigeration Grant Program. Additional funding from external partners (e.g., funding from the U.S. Environmental Protection Agency or Department of Energy) is encouraged and may

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<sup>23</sup> See Chapter 1 of Part 7 of Division 2 of the California Labor Code, commencing with Section 1720 and Title 8, California Code of Regulations, Chapter 8, Subchapter 3, commencing with Section 16000. Public works projects require the payment of prevailing wages. Prevailing wage rates can be significantly higher than non-prevailing wage rates. If the applicant does not believe the project is a public works project, they are responsible for obtaining a legally binding determination from the California Department of Industrial Relations or a court of competent jurisdiction before work begins on the project. The applicant is fully responsible for complying with all California public works requirements, including but not limited to payment of prevailing wage.

supplement but may not overlap with FRIP funding. Given California’s initiatives and mandates to reduce energy demand, additional funding sourced from State energy utilities for energy efficient refrigeration systems is strongly encouraged.

## Chapter 3: How to Apply

FRIP applications will be awarded on a first come, first served basis (see section 4.1 for more information). FRIP applicants must apply online through the FRIP web portal: [www.FRIPfunding.com](http://www.FRIPfunding.com). Applicants must create an account to apply for funding. After creating an account, applicants will receive an email from eTRACK+ (noreply@anetrack.com) to set a password. Applicants should check junk or spam folders if they don’t immediately receive an email from eTRACK+. After setting a password and as soon as the web portal is live, the web portal can be used to prepare FRIP applications by answering the questions as listed in the Application Template (Appendix A).

If potential applicants run into any issues using the FRIP web portal or submitting an application online, they should contact NASRC at 833-852-FRIP (833-852-3747) or [info@FRIPfunding.com](mailto:info@FRIPfunding.com).

Applicants must first read these Funding Guidelines, including the Technical Grantee Agreement Template (Appendix B), prior to applying for FRIP funding. Reading the Guidelines and terms and conditions in the Technical Grantee Agreement Template thoroughly will help prepare applicants for what to expect when they are awarded FRIP funding.

### 3.1. Eligibility Requirements

Applicants must meet ALL applicable requirements listed in Tables 9 and 10 to be eligible for a FRIP award.

**Table 9: Facility and Project Eligibility Requirements**

<b>Criteria</b>	<b>Eligibility Requirement</b>
Location and Ownership	The site of the proposed project is in an existing facility that is in California and is owned or operated by the applicant.
RMP	The applicant and facility are registered under RMP.
Existing Refrigerant	The existing systems to be removed or replaced use a refrigerant as defined in Table 4 <sup>24</sup>
New Refrigerant and Technology	The proposed project will reduce GHG emissions through a full or partial replacement as defined in this solicitation.

<sup>24</sup> <https://ww2.arb.ca.gov/resources/documents/high-gwp-refrigerants>

**Table 10: Implementation Eligibility Requirements**

<b>Criteria</b>	<b>Eligibility Requirement</b>
Certified Technicians	The proposed installation will be completed by certified technicians.
Existing Refrigerant Treatment	High-GWP refrigerants that are removed from existing refrigeration systems will be treated appropriately in accordance with existing laws.
Schedule	The proposed installation will be completed by January 1, 2027.
Funding Sources	The proposed project will not use FRIP funding in conjunction with any other refrigerant-focused incentive funding programs offered by California State agencies. Additional funding from external partners will not overlap with FRIP funding.
Federal and State Laws	The applicant complies with existing federal and state laws, including CARB’s RMP and 2020 HFC regulations. <sup>25</sup>

Applicants may submit multiple applications for different facilities; however, the number of funding awards will not exceed the maximum projects per company as described in Section 2.3.

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<sup>25</sup> <https://ww2.arb.ca.gov/our-work/programs/stationary-hydrofluorocarbon-reduction-measures>

### 3.2. Application Information

Table 11 contains all the information that will be required to complete an application on the web portal.

**Table 11: Application Information**

Required Information	Description	Input
<b>Section 1. Contact Information</b>		
Legal Company Name	Name of company applying for funding	Applicant input
Federal Tax ID	Unique, nine-digit number that is issued by the IRS to identify a business for tax reporting purposes	Applicant input
Refrigeration Sector	Retail food refrigeration, industrial refrigeration, cold storage, or other refrigeration	Applicant input
Number of Active California Locations	Number of active RMP facilities the company has in California	Applicant input
Owner/Operator Contact Information	Full name, number, address, and email of the owner/operator. The owner/operator must own and/or operate the facility applying for funding and will receive the funding.	Applicant input
Project Manager Contact Information	Full name, number, address, and email of the project manager. The project manager may be the same as the owner/operator and will be the point of contact for all communications.	Applicant input
Recipient for Legal Notices Contact Information	Full name, number, address, and email of the recipient for legal notices. The recipient for legal notices may be the same as the owner/operator or project manager.	Applicant input
<b>Section 2. Facility Information</b>		
Facility Name	Name of facility applying for funding	Applicant input
Facility Address	Full address of facility applying for funding	Applicant input
Priority Community	Whether the facility is located in a low-income or disadvantaged community	Applicant input

Required Information	Description	Input
<b>Section 3. Project Details</b>		
Project Name	Name of project applying for funding	Applicant input
Proposed Start Date	Start date is the anticipated date the refrigeration equipment will be ordered	Applicant input
Proposed End Date	End date is the anticipated date the refrigeration system installation will be completed	Applicant input
<b>Section 4. Project Cost Estimates</b>		
Estimated Refrigeration Equipment Cost	Estimated refrigeration equipment cost only, not including cost of labor or subcontracts	Applicant input
Estimated Refrigeration Installation Labor Costs	Estimated cost of refrigeration installation labor, including subcontracts, for system replacement	Applicant input
Estimated Other Costs	Estimated cost of other activities needed for system replacement (e.g., electrical, plumbing, structural, décor, flooring, freight, shipping and receiving)	Applicant input
Total Estimated Cost of Refrigeration Replacement	Estimated total project installation cost including cost of refrigeration equipment, labor, and other costs	Automatically generated based on the project cost estimates provided above
<b>Section 5. Existing System Information</b>		
System Name	Name or identifier of system applying for funding as reported under RMP.	Applicant input
Existing Refrigeration System Architecture	Architecture of existing refrigeration system in the facility, selected via a drop-down menu	Applicant input
Existing Refrigerant Type	Type of refrigerant used in the existing system	
Existing Refrigerant Charge	The quantity, in pounds, of high-GWP refrigerant in the existing system at full charge. This must be consistent with what was reported under RMP.	Applicant input



Required Information	Description	Input
Existing Ln. Ft. of Case	The existing linear footage of refrigerated display cases connected to the system that will be removed or replaced, if applicable	Applicant input
Existing Sq. Ft. of Walk-in Space	The existing square footage of the facility refrigerated walk-in cooler or freezer space connected to the refrigeration system that will be replaced, if applicable	Applicant input
Existing Cooling Load Tons	The existing tons of cooling load required by the process that will be replaced, if applicable. This is not based on the capacity of the mechanical system.	Applicant input
<b>Section 6. Proposed System Information</b>	The following information will be entered for each proposed system that will replace the existing high-GWP refrigeration system(s). Details may differ for each system included.	
System Name	Name or identifier of system applying for funding	Applicant input
Proposed Refrigeration System Architecture	Architecture of refrigeration system planned to replace the existing system, selected via a drop-down menu	Applicant input
Proposed Replacement Type	Type of replacement planned	Automatically generated based on the proposed system type
Proposed Primary Refrigerant Type	In the case of an indirect refrigeration system, the primary refrigerant is the refrigerant that provides cooling to a secondary cooling loop.	Applicant input
Proposed Ultra-low-GWP Refrigerant Type	The refrigerant with a GWP <10 that is being used to replace the existing high-GWP refrigerant currently in use. In the case of an indirect refrigeration system, the secondary cooling loop must use an ultra-low-GWP refrigerant while the primary refrigerant does not need to be ultra-low-GWP refrigerant.	Applicant input
Proposed Ln. Ft. of Case	Based on the proposed linear footage of refrigerated display cases that will be replaced, if applicable	Applicant input

Required Information	Description	Input
Proposed Sq. Ft. of Walk-In Space	Based on the proposed square footage of the facility refrigerated walk-in cooler or freezer space that will be replaced, if applicable	Applicant input
Proposed Cooling Load Tons	Based on proposed tons of cooling load required by the process that will be replaced, if applicable. This is not based on the capacity of the mechanical system.	Applicant input
<b>Section 7. Greenhouse Gas Reductions</b>		
Total Estimated GHG Reduction (MTCO <sub>2</sub> e)	Total estimated GHG reduction in MTCO <sub>2</sub> e from the project. This is the estimated reductions achieved by replacing an existing refrigeration system with a minimum GWP of 1800 with a state-of-the-art ultra-low-GWP system.	Automatically generated based on the inputs provided in the sections above, average industry emission factors, and CARB's Quantification Methodology <sup>26</sup>
Estimated GHG Reduction for Ultra-low-GWP Technologies (MTCO <sub>2</sub> e)	Estimated GHG reduction in MTCO <sub>2</sub> e from the project achieved by installing a state-of-the-art ultra-low-GWP system compared to an interim mid-range refrigerant retrofit GWP technology with a GWP of about 1400.	Automatically generated based on the inputs provided in the sections above, average industry emission factors, and CARB's Quantification Methodology
<b>Section 8. Incentives</b>		
Proposed Incentive Award	Incentive award amount to be included in the application	Automatically generated based on the inputs provided in the sections above
<b>Section 9. Certifications</b>		

<sup>26</sup> <https://ww2.arb.ca.gov/resources/documents/cci-quantification-benefits-and-reporting-materials>

Required Information	Description	Input
Checkbox	Verification that the installation will be completed by certified technicians	Applicant input
Checkbox	Verification that application is for an independent facility, if applicable	Applicant input
Checkbox	Verification that high-GWP refrigerants that are removed from existing refrigeration systems will be treated appropriately in accordance with existing laws	Applicant input
Checkbox	Verification that the project will not use FRIP funding in conjunction with any other refrigerant-focused incentive funding programs offered by California State agencies.	Applicant input
Checkbox	Verification that the applicant has read and understood the terms and conditions of the Technical Grantee Agreement Template.	Applicant input
Owner/Operator Representative Name, Title, and Email Address	Full name, title, and email address of the owner/operator representative. This may be the same as the owner/operator, project manager, or recipient for legal notices.	Applicant input
<b>Section 10. Project Documents</b>		
Project Scope and Cost Estimates	Quote provided by a contractor with estimated project costs, consistent with the refrigeration equipment, labor, and other costs above. This must include detail on refrigeration equipment costs.	Applicant input
Existing Refrigeration Schedule and Existing Floor Plan OR Completed Inspection Form	Refrigeration drawings listing the existing installed equipment and floor plan showing the refrigerated case and walk-in cooling layout and sizes. Examples will be provided on the FRIP web portal. If those are not available, the contractor can complete the inspection form provided on the FRIP web portal.	Applicant input

Applicants may save and come back to their application prior to submitting it, but they must fill out all required fields to save the application. Applicants should ensure that they save their application before closing it in order to not lose submitted information.

To officially apply for FRIP funding, applicants must complete all application information and then generate the application on the portal. They must then certify the accuracy of the application via a checkbox and submit the certified application on the portal. The timestamp of the application submission will be based on when the certified application was submitted on the FRIP web portal. The timestamp will be used to determine the applicant's place in line for the first-come, first-served funding model.

### 3.3. Application Assistance

NASRC is available to assist potential applicants prior to and during the application process. Visit [www.FRIPfunding.com](http://www.FRIPfunding.com) to sign up to receive information about the program and view application resources and a schedule of application assistance opportunities.

- Email and phone support:
  - The FRIP phone line, 833-852-FRIP (833-852-3747), will be staffed during normal business hours to help applicants work through the required application information.
  - Applicants may also email NASRC staff at [info@FRIPfunding.com](mailto:info@FRIPfunding.com).
- Webinar: NASRC will host a live webinar to provide an overview of the program and guidance on the FRIP application process. The webinar will be recorded and available on-demand at [www.FRIPfunding.com](http://www.FRIPfunding.com).
- Technical Roundtable: NASRC will host weekly virtual Technical Roundtable calls beginning in August 2024. The meetings will provide potential applicants and other stakeholders the opportunity to ask questions about the program and application process.
- One-on-one meetings: NASRC staff are available to meet with applicants and their contractors or design consultants. Applicants may request a one-on-one meeting with NASRC via phone or email. NASRC does not provide technical services but does have technical resources available to answer questions, provide guidance on FRIP, and provide information on the technologies available.

CARB is available to support applicants who need to register or update reporting under RMP. Contact CARB RMP staff at [RMP@arb.ca.gov](mailto:RMP@arb.ca.gov) or (916) 324-2517.

CARB is available to support applicants who need to report under the 2020 HFC regulation. Contact CARB HFC staff at [HFCReduction@arb.ca.gov](mailto:HFCReduction@arb.ca.gov).

## Chapter 4: Application Review and Project Selection

### 4.1. First Come, First Served Approach

Funding will be awarded on a first come, first served basis within each refrigeration sector (see Table 3). The time the application was submitted on the FRIP web portal will be used to determine the order of funding within a refrigeration sector.

Applications will be reviewed in the order they are received. All applications will be reviewed, first for completeness, and then to ensure that they meet all applicable eligibility requirements listed in section 4.2. A subset of projects, at the discretion of NASRC and CARB, will be selected to undergo site inspections.

In the event that a project cannot be fully funded because the requested amount exceeds the available remaining funds, NASRC will provide the applicant the option to accept the lesser funding amount or withdraw the application. If the applicant declines funding at the reduced project rate, NASRC will offer the funding to the next eligible application. CARB and NASRC reserve the right to, for any reason, offer less than the full amount requested, carry the remaining funds forward to a future solicitation, or not award a grant.

If funding in a specific sector is oversubscribed within the first 24 hours that the application window opens, NASRC will randomly select projects to award through a lottery system.

### 4.2. Application Corrections and Clarifications

If an application requires corrections or clarifications, NASRC will email the applicant with the correction or clarification request(s) within three business days of application receipt. The applicant must then update their application in the web portal within another three business days. The application will then be reinstated into the project pipeline with its original timestamp. After those three business days, the additional amount of time taken for the applicant to submit corrections and clarifications will be added to the original timestamp to determine the order of funding within a refrigeration sector. Retail food refrigeration facilities under companies that own or operate less than 20 retail food facilities in California will have an additional two business days (for five business days total) to correct their submissions before time is added to their original timestamp.

NASRC, at their sole discretion, may determine at any time that an application requires a site inspection or virtual meeting to support application corrections or clarifications. In these cases, NASRC will reach out to the applicant to schedule a time that is convenient for them. The time it takes to coordinate and conduct a site visit or virtual meeting will not be added to the application's original timestamp.

### 4.3. Applicant Notification

Notices will be sent via email, and it is the applicant's responsibility to ensure that they have entered their email address accurately in the web portal and that their email box allows emails from FRIP. Applicants are responsible for checking their emails related to FRIP. Applicants are advised to add the following email domains to their safe senders list: @anbetrack.com, @FRIPfunding.com, and @nasrc.org and to check their junk and spam email folders on a regular basis.

After review and any necessary corrections or clarifications, applicants will be notified that their application has been approved, rejected, or waitlisted:

1. **Application is approved.** The applicant will receive an email from @FRIPfunding.com, notifying them of the award and required next steps.
2. **Application is rejected.** The applicant will receive an email from @FRIPfunding.com, notifying them of the reason for the rejection and suggested next steps. Applications may be rejected for a variety of reasons, including but not limited to an ineligible site or proposed project type. Where possible, NASRC will try to work with the applicant to correct and clarify the application to meet eligibility requirements rather than reject the application.
3. **Application is waitlisted.** If FRIP funding is oversubscribed in a specific sector, the applicant will receive an email from @FRIPfunding.com, notifying them of their place on the waitlist. Applicants will be notified of the waitlist prior to any requests for application corrections or clarifications and will be subject to the same requirements for corrections or clarifications as outlined in section 4.2. Applicants will then be notified via email if funding becomes available and they are moved off the waitlist and into the project pipeline.

Applicants should expect notification within three weeks of submission. All timelines are subject to change.

The following information will be posted on the FRIP website for all applications received:

- Company name
- Date application was submitted
- Refrigeration sector
- Facility location (city or county)

- Priority community, if applicable
- Type of replacement (full or partial) and type of refrigerant used
- Proposed and final incentive award
- Estimated GHG reduction
- Application status

## Chapter 5: Project Implementation

After being awarded funding, FRIP funding applicants become Technical Grantees. Technical Grantees must follow specific steps to implement their projects and must meet key program deadlines, as identified in Table 12.

**Table 9: Key Program Deadlines**

Milestone	Deadline
1. Grant agreement signed and submitted	Within three weeks of award notification
2. Equipment ordered	Within 90 calendar days of the date the grant agreement is signed
3. Quarterly Status Updates submitted	Every three months
4.1. Installation completed, Final Status Update and reimbursement request submitted	January 1, 2027
4.2. Payment received	April 30, 2027

### 5.1. Sign the Grant Agreement

The award notification email will include a grant agreement between NASRC and the Technical Grantee. This grant agreement will use the Technical Grantee Agreement Template (Appendix B) with project-specific details. While the terms and conditions are not negotiable, the Technical Grantee should ensure that their legal counsel reviews the terms and conditions of the agreement before signing.

The Technical Grantee must review and sign the grant agreement within three weeks of receipt of the award notification. Under extreme or extenuating circumstances, an extension of one additional week may be feasible at the discretion of CARB and NASRC and may be requested by Technical Grantees via an email to [info@FRIPfunding.com](mailto:info@FRIPfunding.com). If the Technical Grantee does not sign the agreement or request an extension within the required timeframe, their application will be rejected, and they will be required to reapply for FRIP funding.

No legal obligations exist until the grant agreement start date, which occurs when both the Technical Grantee and NASRC have signed the agreement. To remain eligible for the incentive, refrigeration equipment may not be ordered prior to the

grant agreement start date. If equipment is ordered prior to the grant agreement being signed by both parties, the cost of the equipment is not eligible for FRIP funding.

## 5.2. Order Refrigeration Equipment

The Technical Grantee must order ultra-low-GWP refrigeration equipment that covers the cost of the incentive award and provide documentation of equipment ordered (e.g., purchase order) to NASRC within 90 calendar days of the grant agreement start date. Delivery of the ordered equipment is not required to occur within those 90 calendar days. The Technical Grantee must provide an updated floor plan and refrigeration schedule to NASRC, if applicable, at the same time as they submit their documentation of equipment ordered.

Under extreme or extenuating circumstances, an extension of one additional month (i.e., 30 calendar days) or more may be feasible at the discretion of CARB and NASRC and may be requested by Technical Grantees via an email to [info@FRIPfunding.com](mailto:info@FRIPfunding.com). If the Technical Grantee does not order equipment and provide required documentation or request an extension within the required timeframe, their agreement will be terminated and they will be required to reapply for FRIP funding.

If applicable, Technical Grantees are also required to receive California Environmental Quality Act (CEQA) clearance by the time equipment is ordered.

## 5.3. Project Implementation and Reporting Requirements

The Technical Grantee must follow the project implementation requirements as described in the Technical Grantee Agreement Template and these Funding Guidelines. This section elaborates on three elements of project implementation and reporting.

### 5.3.1. Quarterly Status Updates

The Technical Grantee must submit Quarterly Status Updates through the FRIP web portal every three months, starting three months after the grant agreement start date. The Quarterly Status Updates may include the following details:

- Project changes (Yes/no. If yes, identify changes.)
- Project schedule (If a milestone is more than 30 days delayed, NASRC will schedule a meeting with the Technical Grantee to discuss)
- Challenges and barriers encountered

The grant agreement may be terminated at NASRC and CARB's discretion if the Technical Grantee does not provide a Quarterly Status Update within a six-month period.



### 5.3.2. Meetings and Site Visits

Site visits may be requested at NASRC's discretion. Virtual meetings may be requested as needed by the Technical Grantee or NASRC to support project implementation. Meetings may be used to discuss the overall plan for the project, implementation details and challenges, the project schedule, feedback on the program, and any issues that need to be resolved. NASRC does not provide technical services but does have technical resources available to answer questions, provide guidance on FRIP, and provide information on the technologies available.

The grant agreement may be terminated at NASRC and CARB's discretion if the Technical Grantee does not participate in meetings or allow site visits requested by NASRC within a 30-day period.

### 5.3.3. Project Changes

CARB understands that projects may change during implementation and endeavors to provide flexibility where possible. Material changes to the project, budget, and schedule will require prior approval from NASRC and CARB and may result in either a formal grant amendment or grant termination. The Technical Grantee will not be reimbursed for material changes that are implemented without prior approval from NASRC and CARB. Material changes that are implemented without prior approval from NASRC and CARB may result in grant termination and/or the Technical Grantee being required to repay any advanced funds that were used to implement the unapproved material change(s). The Technical Grantee is required to report all project changes (whether material or non-material) to NASRC in the Quarterly Status Updates.

Examples of non-material changes (do not require a formal grant amendment or grant termination):

- Timeline delay that maintains the project end date of January 1, 2027
- Change in the technology type that still meets GWP eligibility requirements
- Change that impacts the size or location of the project without a change in funding award

Examples of material changes that require a formal grant amendment:<sup>27</sup>

- Timeline delay that extends the project end date past January 1, 2027
- Change that impacts the total funding award no more than 20%
- Any other change that impacts the project's or Technical Grantee's ability to meet eligibility requirements

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<sup>27</sup> Deadlines as described in Chapters 4 and 5 also apply to formal grant amendments.

Examples of material changes that require grant termination (prior to termination, the Technical Grantee and NASRC will meet to discuss the change and any opportunities to reach a resolution that does not require grant termination):

- Change in the technology type that does not meet GWP eligibility requirements
- Change that impacts the total funding award more than 20%
- Significant changes in emission reductions

## 5.4. Complete Installation and Submit Payment Request

The installation is considered to be complete on the date that the refrigerant circuit is completed and initially filled with refrigerant. Once the installation is complete, the Technical Grantee must submit a Final Status Update and payment request to receive FRIP funds.

### 5.4.1. Final Status Update

The Technical Grantee must submit a Final Status Update through the FRIP web portal within two months of project completion and no later than January 1, 2027. Technical Grantees must provide all requested information in the Final Status Update, which should include but is not limited to:

- Project description, including major milestones accomplished and project duration
- Total equipment cost total labor cost, and total other costs
- Installed system information to calculate a revised GHG reduction estimate
- Other benefits or results
- Challenges and barriers encountered, and lessons learned during project implementation
- Project photos
- Feedback on FRIP

### 5.4.2. Reimbursement Request

Along with the Final Status Update, the Technical Grantee must submit a request for reimbursement through the FRIP web portal to receive FRIP funds. The reimbursement request will be required to include documentation of actual costs incurred, including equipment receipts and documentation of actual labor costs, if applicable. FRIP funds paid will not exceed the documented cost of the refrigeration equipment, or the awarded funds agreed upon in the grant agreement.

Technical Grantees should expect to receive payments for approved reimbursement requests by April 30, 2027 upon timely submission of a reimbursement request no

later than January 1, 2027. Submitting an incomplete or late reimbursement request may result in payment delays.

Payments will be made on a reimbursement basis to the Technical Grantee (or to the equipment manufacturer if authorized to do so by the Technical Grantee) unless otherwise determined by CARB. Refer to the Technical Grantee Agreement Template for more information on payment requests.

## Chapter 6: Additional Information

### 6.1. Contacts

NASRC is available to support applicants and Technical Grantees throughout the FRIP funding process. Contact NASRC via phone or email at the following:

**Phone:** 833-852-FRIP (833-852-3747)

**Email:** [info@FRIPfunding.com](mailto:info@FRIPfunding.com)

Each awarded project will be assigned an outreach manager. In addition to the contacts above, Technical Grantees may also contact their assigned outreach manager during project implementation.

CARB is also available to discuss FRIP funding. Contact FRIP staff via email at [FRIP@arb.ca.gov](mailto:FRIP@arb.ca.gov).

### 6.2. Key Words and Definitions

Table 13 defines key words and terms used in these Guidelines.

**Table 10: Key Words and Definitions**

<b>Word/Term</b>	<b>Definition</b>
AB	Assembly Bill
Applicant	The company that applies to this solicitation to be considered for FRIP funding
AR4	The Intergovernmental Panel on Climate Change fourth assessment report
CARB	California Air Resources Board
CEQA	California Environmental Quality Act
CO <sub>2</sub>	Carbon dioxide
Cold storage	A refrigerated facility or warehouse used for the storage of temperature-controlled substances. This sector includes but is not limited to NAICS codes starting with 493.

<b>Word/Term</b>	<b>Definition</b>
Company	All businesses, affiliates, brands, or subsidiaries or franchises, owned or operated by the same parent company
Cooling load ton	The refrigeration system’s applied rate of heat transfer measured in tons at the cooling coils and heat exchangers, or the system capacity at applied conditions, whichever is less. The cooling load tons can be calculated by the cooling coils and other process heat exchanger specifications in the refrigeration drawings (plan views, equipment schedules and piping and instrumentation diagram set), or by engineering analysis.
Disadvantaged communities	Census tracts identified as disadvantaged by California Environmental Protection Agency per SB 535 and designated using CalEnviroScreen 4.0. <sup>28</sup> These include the 25% highest scoring census tracts in CalEnviroScreen 4.0, census tracts previously identified in the top 25% in CalEnviroScreen 3.0, census tracts with high amounts of pollution and low populations, and federally recognized tribal areas as identified by the Census in the 2021 American Indian Areas Related National Geodatabase.
DNV Energy Services USA	DNV Energy. A subgrantee to NASRC that supports FRIP administration.
F-gas	Fluorinated gases are synthetic gases used primarily as refrigerants in refrigeration systems. F-gases include but are not limited to HFCs, chlorofluorocarbons (CFC), and hydrochlorofluorocarbons (HCFC).
FRIP	F-gas Reduction Incentive Program
Full replacement	100% replacement of an existing refrigeration system using a minimum GWP refrigerant as defined in Table 4 with a refrigeration system using exclusively ultra-low-GWP refrigerants
Funding Guidelines	This entire document, including all appendices. The Funding Guidelines contain all the information necessary for applicants to apply for funding under FRIP. Also referred to as Guidelines.
FY	Fiscal Year
GHG	Greenhouse gas
GWP	Global warming potential

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<https://gis.carb.arb.ca.gov/portal/apps/experiencebuilder/experience/?id=6b4b15f8c6514733972cabdda3108348>

<b>Word/Term</b>	<b>Definition</b>
HFC	Hydrofluorocarbon
HFO	Hydrofluoroolefin
Independent facility	A facility with a refrigeration system that is owned or operated by one company. Under this definition, a company that owns or operates an independent facility must not own or operate any other facilities, businesses, affiliates, brands, or subsidiaries or franchises with refrigeration systems that are eligible for FRIP funding in this solicitation.
Indirect system	A system that uses a central refrigeration system to cool a secondary fluid that is then circulated throughout the facility to the cases
Industrial process refrigeration	Systems that cool process streams at a specific location in manufacturing and other forms of industrial processes and applications. These are complex, customized systems that are directly linked to the industrial process. Where one appliance is used for both industrial process refrigeration and other applications, it will be considered an industrial process refrigeration system if 50 percent or more of its operating capacity is used for industrial process refrigeration. This sector includes but is not limited to NAICS codes starting with 311 and 312.
Lb.	Pounds
Ln. ft.	Linear feet
Low-GWP	GWP of less than 150
Low-income communities	Census tracts identified as low-income per AB 1550 <sup>29</sup>
MTCO <sub>2</sub> e	Metric tons of carbon dioxide equivalent
N/A	Not applicable
NAICS	North American Industry Classification System
NASRC	North American Sustainable Refrigeration Council, Inc. The selected FRIP administrator.
National supermarket chain	A retail food chain, brand name, or business operating more than 100 retail food facilities in the United States
Other refrigeration	Any stationary, non-residential refrigeration equipment that is used for an application other than retail food refrigeration, cold storage, industrial process refrigeration, or air-conditioning; or is used for two or

<sup>29</sup>

<https://gis.carb.arb.ca.gov/portal/apps/experiencebuilder/experience/?id=6b4b15f8c6514733972cabdda3108348>

<b>Word/Term</b>	<b>Definition</b>
	more applications including retail food refrigeration, cold storage, ice rinks, industrial process refrigeration, commercial refrigeration, or air-conditioning
Partial replacement	Conversion of an existing refrigeration system using a minimum GWP refrigerant as defined in Table 4 to an indirect system. The indirect system in a partial replacement must be able to use some of the existing refrigeration system equipment and must use an ultra-low-GWP secondary refrigerant alongside a primary refrigerant that has a GWP <2,200 and ≤ the existing system refrigerant GWP.
Priority communities	Disadvantaged and low-income communities
Refrigeration equipment	Refrigeration mechanical equipment, refrigerant, evaporators, connecting piping, and valves and controls
Retail food refrigeration	Equipment designed to store and display chilled or frozen goods for commercial sale or use. This end-use includes, but is not limited to, the following categories of equipment: stand-alone units (equipment), refrigerated food processing and dispensing units (equipment), remote condensing units, and supermarket systems. This sector includes but is not limited to NAICS codes 445110, 452910, and 452112.
RMP	Refrigerant Management Program. Companies report to the Refrigeration Registration and Reporting System <sup>30</sup> under CARB's RMP regulation. <sup>31</sup>
SB	Senate Bill
Sq. ft.	Square feet
TBD	To be determined
Technical Grantee	Applicant that receives FRIP funding and enters into a grant agreement with NASRC
Ultra-low-GWP	GWP of less than 10
Window 1	First application window. Window 1 will open on September 16, 2024 and close on December 16, 2024.
Window 2	Second application window. For sectors with available funding, Window 2 will open on January 15, 2025 and close on April 15, 2025.

<sup>30</sup> <https://ssl.arb.ca.gov/rmp-r3/>

<sup>31</sup> California Code of Regulations, Title 17, Division 3, Chapter 1, Subchapter 10, Article 4. <https://ww2.arb.ca.gov/our-work/programs/refrigerant-management-program>

## 6.3. Relevant Legislation

The following State legislation governs FRIP:

- AB 32, the Global Warming Solutions Act of 2006 (Nunez, Chapter 488, Statutes of 2006)<sup>32</sup>
- AB 1532 (Perez, Chapter 807, Statutes of 2012)<sup>33</sup>
- SB 535 (de León, Chapter 830, Statutes of 2012)<sup>34</sup>
- SB 1018 (Budget and Fiscal Review Committee, Chapter 36, Statutes of 2012)<sup>35</sup>
- SB 862 (Budget and Fiscal Review Committee, Chapter 36, Statutes of 2014)<sup>36</sup>
- AB 1550 (Gomez, Chapter 369, Statutes of 2016)<sup>37</sup>
- SB 32 (Pavley, Chapter 249, Statutes of 2016)<sup>38</sup>
- SB 1383 Short-lived climate pollutants: methane emissions: dairy and livestock: organic waste: landfills (Lara, Chapter 395, Statutes of 2016)<sup>39</sup>
- SB 1013, the California Cooling Act (Lara, Chapter 375, Statutes of 2018)<sup>40</sup>
- AB 1279 (Muratsuchi, Chapter 337, Statutes of 2022)<sup>41</sup>
- SB 1206 Hydrofluorocarbon gases: sale or distribution (Skinner, Chapter 884, Statutes of 2022)<sup>42</sup>

## 6.4. Fine Print

### 6.4.1. Reservation of Rights

CARB reserves the right to do any of the following:

- Allocate the funds in phases;
- Allocate funds from one sector to another depending on the number and quality of applications received;
- Limit or increase the number/amount of awards per entity;
- Cancel the pending award and fund the next eligible application;
- Remove discrete elements of projects selected for funding that CARB determines to be ineligible, in accordance with these guidelines and California Health and Safety Code section 44391.2(d);

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<sup>32</sup> [https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=200520060AB32](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=200520060AB32)

<sup>33</sup> [https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=201120120AB1532](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=201120120AB1532)

<sup>34</sup> [https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=201120120SB535](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=201120120SB535)

<sup>35</sup> [https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=201120120SB1018](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=201120120SB1018)

<sup>36</sup> [https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=201320140SB862](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=201320140SB862)

<sup>37</sup> [https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=202120220AB1550](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=202120220AB1550)

<sup>38</sup> [https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=201520160SB32](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB32)

<sup>39</sup> [https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=201520160SB1383](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=201520160SB1383)

<sup>40</sup> [https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=201720180SB1013](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=201720180SB1013)

<sup>41</sup> [https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=202120220AB1279](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=202120220AB1279)

<sup>42</sup> [https://leginfo.ca.gov/faces/billNavClient.xhtml?bill\\_id=202120220SB1206](https://leginfo.ca.gov/faces/billNavClient.xhtml?bill_id=202120220SB1206)

- Reject an application and/or cancel an award;
- Limit the number of applications per organization for each grant solicitation or for each sector;
- Revise the amount of funds available under these Guidelines;
- Narrow the specific pool of eligible technologies for a particular solicitation;
- Conduct an audit of any project;
- Negotiate with successful applicants to modify the project scope, schedule, and/or level of funding;
- Terminate a grant agreement if CARB determines, in its sole discretion, that the objectives cannot be reached or that the Technical Grantee cannot or will not perform the required work in accordance with the project timeline;
- Amend or cancel these Guidelines as needed; and/or
- Reject any or all applications received in response to these Guidelines.

#### 6.4.2. Solicitation Cancellation and Amendment

It is the policy of CARB not to solicit applications unless there is a bona fide intention to give awards. However, if it is in the State's best interest, CARB reserves the right, in addition to any other rights it has, to do any of the following:

- Cancel the solicitation of applications for this program;
- Revise the amount of funds available under this solicitation;
- Amend the Guidelines as needed; and/or
- Reject any or all applications received in response to this solicitation.

If the Guidelines are amended, CARB will send a notification to all entities that are signed up for the HFC and RMP listservs,<sup>43</sup> and will also post it on CARB's website at: <https://ww2.arb.ca.gov/our-work/programs/f-gas-reduction-incentive-program>. NASRC will not reimburse applicants for application development expenses under any circumstances, including cancellation of the program.

#### 6.4.3. Modification, Termination, or Withdrawal of Application

Applicants may withdraw a submitted application through the FRIP web portal or modify a submitted application by contacting NASRC at [info@FRIPfunding.com](mailto:info@FRIPfunding.com) before the grant agreement is executed. An application cannot be "timed" to expire on a specific date. For example, a statement such as the following does not apply: "This application and the cost estimate are valid for 60 days."

NASRC and CARB reserve the right to negotiate with Applicants to modify the project scope, the level of funding, or both. If NASRC is unable to successfully execute a

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<sup>43</sup> Sign up for CARB's HFC listserv by selecting the subtopic HFC-Reduction: <https://public.govdelivery.com/accounts/CARB/subscriber/new>



grant agreement with an applicant, NASRC, in consultation with CARB, reserves the right to withdraw the pending award and fund the next eligible project. This does not limit NASRC's or CARB's ability to terminate or withdraw a proposed award for other reasons, including for no cause.

Per section 5.3.3., once the grant agreement is executed, any change in the project budget, redefining of deliverables, or extension of the project schedule must be approved in advance and in writing by NASRC or CARB and may require an amendment to the grant agreement. Once a grant agreement is in place, minor changes to the work to be done or other project scope changes may be considered by NASRC, in consultation with the Technical Grantee.

#### 6.4.4. Confidentiality

Upon submittal to NASRC, all applications will become property of the State of California. All applications will be treated in accordance with the California Public Records Act and Public Contracts Code requirements. CARB will post the application information identified in Section 4.4 and other state agencies may use any of these documents or information for any purpose, including to determine eligibility and compliance with FRIP, applicable law, or a particular program document, to evaluate related or relevant programs or program elements, or to prepare reports. These documents and information include, but are not limited to, applications for funding, the agreement itself, invoices and any documentation submitted in support of applications, all agreement deliverables, final project report and documents prepared for other reporting requirements, and materials and documents developed as part of technology transfer activities.

If NASRC or CARB requires an applicant or a recipient to provide copies of records that the recipient believes contain confidential/proprietary information entitled to protection under the California Public Records Act or other law, the applicant or recipient may request that such records be designated confidential according to CARB's regulations as outlined in California Code of Regulations, title 17, sections 91000 et seq.

Applicants or recipients considering requesting confidentiality should note that Greenhouse Gas Reduction Funds are subject to information disclosure requirements to ensure transparency. Information concerning the identity of recipients and the grant amount are public information and will be disclosed according to the California Public Records Act. This information, as well as other public information, such as emissions and air pollution data, may also be disclosed through CARB's website, another State of California agency website, or through other means.

Under state law, CARB may disclose confidential information and records to other governmental entities and policing authorities for civil and criminal investigation and enforcement purposes.

#### 6.4.5. Errors in the Program Guidelines

If an applicant discovers any ambiguity, conflict, discrepancy, omission, or other error in the Guidelines, the applicant must immediately notify CARB of the error in writing and request modification or clarification of the document. CARB will provide modifications or clarifications to all entities that are subscribed to the HFC and RMP listservs. CARB is not responsible for failure to correct errors in the Guidelines.

#### 6.4.6. Immaterial Defect

NASRC or CARB may waive any immaterial defect or deviation contained in an application. This waiver will not modify the application or excuse the successful applicant from full compliance with program requirements.

#### 6.4.7. Applicant's Admonishment

These Guidelines contain the instructions governing the requirements for funding projects submitted by interested applicants, including the format in which the information is to be submitted, the material to be included, the requirements that must be met to be eligible for consideration, and applicant responsibilities. Applicants must take the responsibility to carefully read the entire Guidelines, ask appropriate questions in a timely manner, submit the application with all required responses in a complete manner by the required date, and make sure that all procedures and requirements of the Guidelines are followed and appropriately addressed.

#### 6.4.8. Incorporation by Reference

The content of these Guidelines and each grant application shall be incorporated by reference into the Final Grant Agreement. See the sample Technical Grantee Agreement Template (Appendix B).

#### 6.4.9. Grounds to Reject Applications or Cancel Awards

CARB reserves the right to reject an application and/or to cancel an award including but not limited to the following circumstances:

- The application contains false or intentionally misleading statements or references that do not support an attribute or condition contended by the applicant;

- The application is intended to erroneously and fallaciously mislead the State in its evaluation and the attribute, condition, or capability is a requirement of this solicitation;
- The application does not comply or contains caveats that conflict with the solicitation, and the variation or deviation is material;
- The applicant has received unsatisfactory agreement evaluations from CARB or another California state agency;
- The applicant is a business entity that is not in good standing with the California Secretary of State;
- Existence of information demonstrating the applicant does not have the financial capability to complete the project;
- The applicant fails to meet CEQA compliance or other legal requirements within sufficient time for CARB to meet its expenditure deadline, as CARB in its sole and absolute discretion may determine;
- Any other reason that could give CARB cause to reject or cancel the award.