



June 8th, 2023

Oz Hill, Deputy Chief Operating Officer
 The School District of Philadelphia
 440 N. Board Street
 Philadelphia, PA 19130

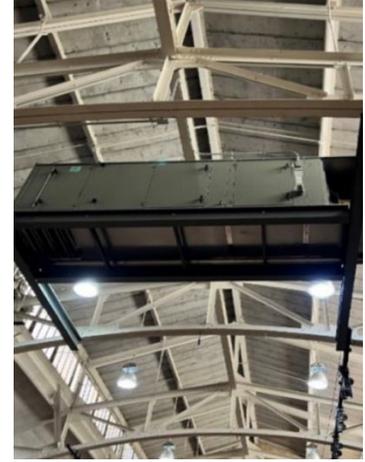
RE: Monthly Status Report – Guaranteed Energy Savings Act (GESA) Projects

Dear Mr. Hill,

Please find below a status report for each of the GESA projects completed or underway at the School District as of June 8th, 2023.

Project	Buildings	Status/Project Highlights
GESA-Pilot (ESCO – NORESKO)	1. Saul HS 2. Strawberry Mansion 3. Northeast HS	- Construction completed: June 24 th , 2020 - Year 1 M&V: July 1, 2020 – June 30, 2021 Exceeded guarantee by 4.55% - Year 2 M&V: July 1, 2021 – June 30, 2022 Year 2 report due Sep 2022 (delayed due to pending payment) - Year 3 M&V: July 1, 2022 – June 30, 2023 In Progress
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GESA-1, Task 3 (ESCO – Johnson Controls)	1. Lowell	- In construction, 89% complete - LED Lighting and Domestic Hot Water Upgrades are complete. - Electrical Service Upgrades 85% complete - AHU, FCU’s, CH’s, Louvers, and Hose Kits 90% complete

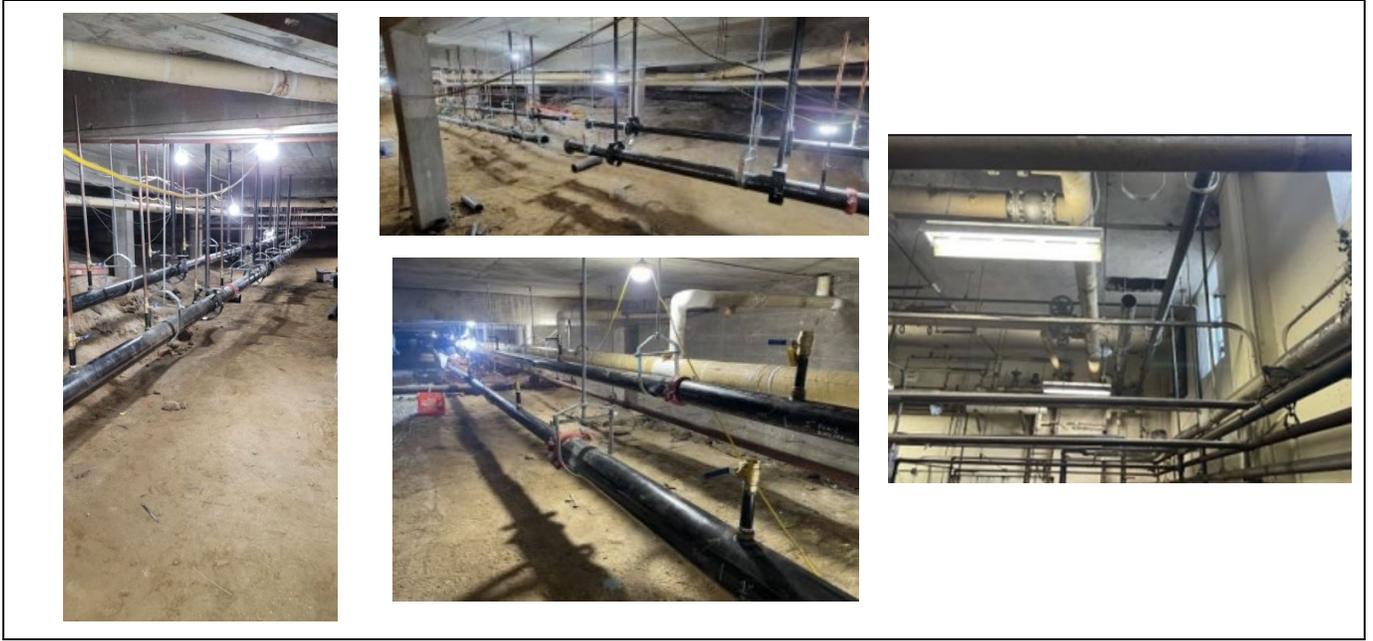
		<ul style="list-style-type: none"> - HVAC installation for the basement, 1st floor, 2nd floor, and 3rd floor are 100%, 95%, 80%, and 90% complete, respectively. - Boilers, Pumps & Mechanical Room equipment 95% complete
		
<p>GESA-1, Task 4 (ESCO – Johnson Controls)</p>	<p>1. Fitzpatrick</p>	<ul style="list-style-type: none"> - Pricing and scope have been finalized - Total Project Cost – \$19.55 million - Scope includes a steam to hot water conversion, installation of a central chiller, upgrade of electrical systems, new controls, LED lighting, and water efficiency improvements. - Contract pending internal SDP review process and acceptance prior to BOE approval. - BOE approval date TBD.
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<p>GESA-2 (ESCO – The Efficiency Network)</p>	<p>1. Bethune 2. Beeber 3. Brown</p>	<ul style="list-style-type: none"> - Project nearing completion with the following items remaining: <ul style="list-style-type: none"> - Beeber: Auditorium AHU has arrived and is being installed. Waiting on louvers for gymnasium AHU. Exhaust fans have arrived and are being installed. Graphics being finalized for BAS. - Bethune: Radiant heat and cabinet unit heaters have arrived with installation planned once school is out for the year. Training for new BAS is ongoing. Commissioning to occur in the upcoming weeks. - Brown: Auditorium AHU will be complete once smoke detectors arrive and are installed. Enclosure for chiller being finalized. Exhaust fans to be installed once school lets out for the year. - Substantial completion now expected for June 2023 due to equipment delays.



GESA-3
(ESCO – NORESKO)

1. Locke
2. Grover Washington
3. Franklin
4. Heston
5. Hackett
6. Clemente
7. Ellwood
8. Kirkbride

- **Locke:** Installation of pipe and hangers in all 3 crawlspaces underway. Boilers have been received and set.
- **Grover Washington:** Dual temperature piping has been fabricated and installation of piping in boiler room has begun. New boiler pads have been poured.
- **Franklin:** Boiler room abatement has completed, and containment has been taken down. Lead abatement on 1st and 2nd floors underway.
- **Heston:** Demo of boiler room and layout of new units has begun. Controls conduit layouts and markings are being created.
- **Hackett:** Dual temperature piping being fabricated and installed in the boiler room.
- **Clemente:** Replacement of horizontal conduit piping in classrooms has begun.
- **Ellwood:** Hangers and dual temperature piping being installed in the boiler room and crawlspace.
- **Kirkbride:** Boiler room abatement completed and fan room abatement underway.
- Substantial Completion on track for September 2024 to comply with ARPA funding deadlines.



Please let me know if I can provide you with any additional information at this time.

Sincerely,

David Newman, PE

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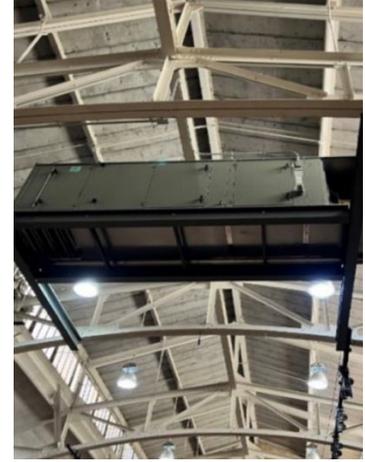
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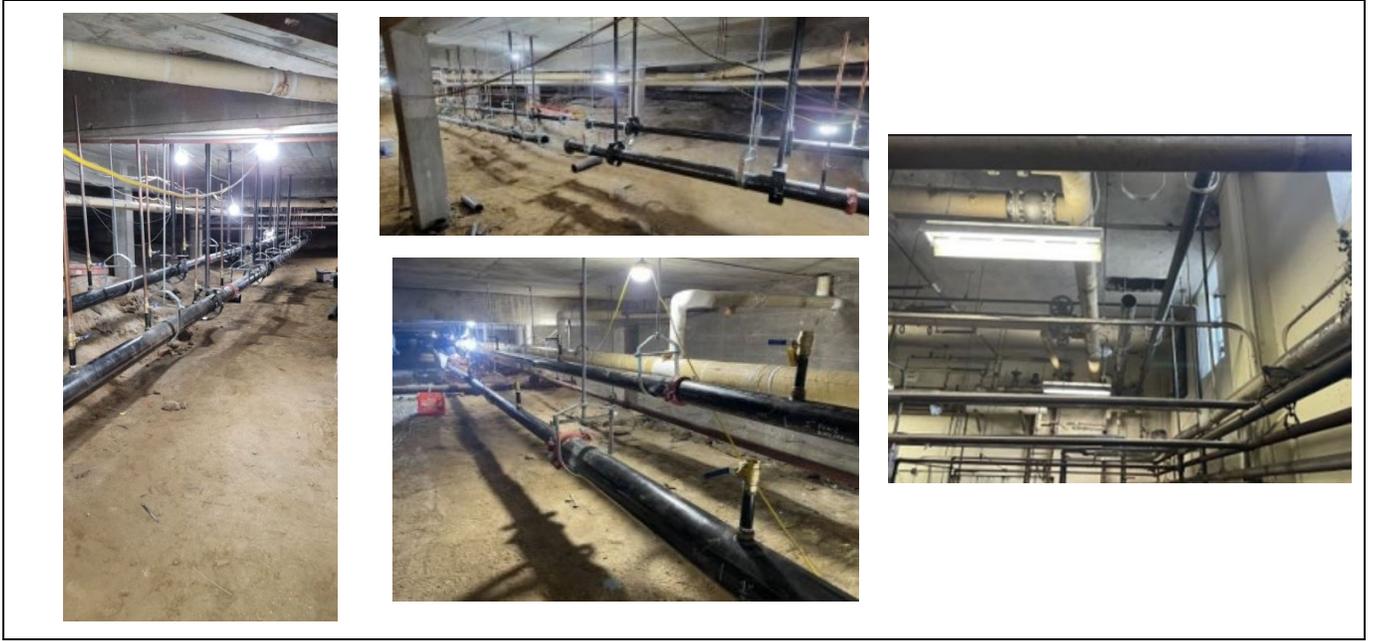
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Sincerely,

David Newman, PE

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Vice President, Engineering
Energia



May 1st, 2023

Reggie McNeil, Chief Operating Officer
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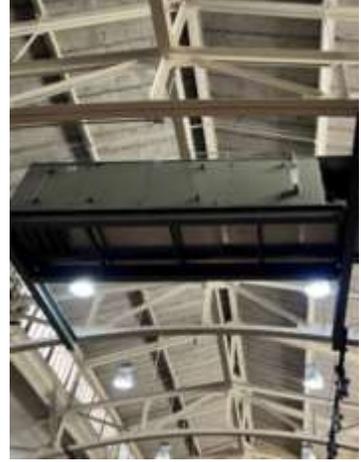
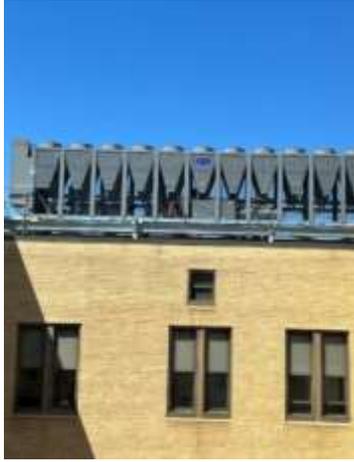
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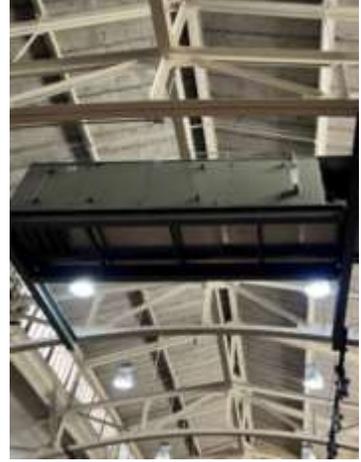
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March 31st, 2023

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- Pricing and Scope finalized
- Total Project Cost – \$125M federal ARPA (ESSER III) funding.
- Scope includes major HVAC, Hazmat and Temperature control upgrades across all buildings in the project.
- Project mobilization underway.
- Equipment submittals are in progress.
- Abatement and piping work have begun.
- Substantial Completion targeted for September 2024 to comply with ARPA funding deadlines.

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8. Kirkbride

- Pricing and Scope finalized
- Total Project Cost – \$125M federal ARPA (ESSER III) funding.
- Scope includes major HVAC, Hazmat and Temperature control upgrades across all buildings in the project.
- Project mobilization underway.
- Equipment submittals are in progress.
- Abatement and piping work have begun.
- Substantial Completion targeted for September 2024 to comply with ARPA funding deadlines.

Please let me know if I can provide you with any additional information at this time.

Sincerely,



David Newman, PE, CEM, LEED-AP
Vice President, Engineering
Energia



February 24th, 2023

Reggie McNeil, Chief Operating Officer
 The School District of Philadelphia
 440 N. Board Street
 Philadelphia, PA 19130

RE: Monthly Status Report – Guaranteed Energy Savings Act (GESA) Projects

Dear Mr. McNeil,

Please find below a status report for each of the GESA projects completed or underway at the School District as of February 24th, 2023.

Project	Buildings	Status/Project Highlights
GESA-Pilot (ESCO – NORESKO)	1. Saul HS 2. Strawberry Mansion 3. Northeast HS	<ul style="list-style-type: none"> - Construction completed: June 24th, 2020 - Year 1 M&V: July 1, 2020 – June 30, 2021 Exceeded guarantee by 4.55% - Year 2 M&V: July 1, 2021 – June 30, 2022 Year 2 report due Sep 2022 (delayed due to pending payment) - Year 3 M&V: July 1, 2022 – June 30, 2023 In Progress
GESA-1, Task 1 (ESCO – Johnson Controls)	1. Conwell 2. Gompers 3. Lincoln HS	<ul style="list-style-type: none"> - Construction substantially complete: Final closeout March 2022 - Year 1 M&V – April 1, 2022 – March 1, 2023 (Currently in Monitoring Phase for Year 1) Year 1 report due June 1, 2023
GESA-1, Task 2 (ESCO – Johnson Controls)	1. Willard 2. Carnell 3. Feltonville A&S 4. Juniata Park	<ul style="list-style-type: none"> - Construction substantially complete: Final closeout February 2022 - Year 1 M&V – March 1, 2023 – February 1, 2024 (Currently in Monitoring Phase for Year 1) Year 1 report due May 1, 2024
GESA-1, Task 3 (ESCO – Johnson Controls)	1. Lowell	<ul style="list-style-type: none"> - In construction, 79% complete - LED Lighting and Domestic Hot Water Upgrades are complete - Electrical Service Upgrades 60% complete - AHU, FCU’s, CH’s, Louvers, and Hose Kits 85% complete

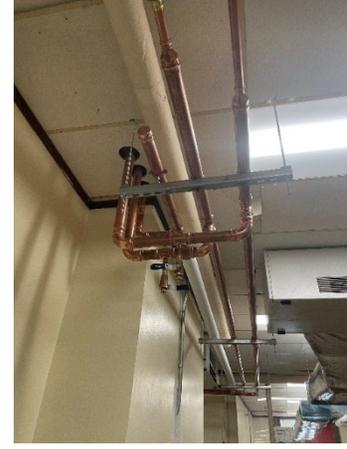
		<ul style="list-style-type: none"> - HVAC installation for the basement, 1st floor, 2nd floor, and 3rd floor are 55%, 85%, 40%, and 80% complete, respectively. - Boilers, Pumps & Mechanical Room equipment 80% complete
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<p>GESA-1, Task 4 (ESCO – Johnson Controls)</p>	<p>1. Fitzpatrick</p>	<ul style="list-style-type: none"> - Pricing and scope have been finalized - Total Project Cost – \$19.55 million - Scope includes a steam to hot water conversion, installation of a central chiller, upgrade of electrical systems, new controls, LED lighting, and water efficiency improvements. - Contract pending internal SDP review process and acceptance prior to BOE approval. - BOE approval targeted for April.
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<p>GESA-1, Task 5 (ESCO – Johnson Controls)</p>	<p>1. Randolph 2. Crossan 3. Taggart</p>	<ul style="list-style-type: none"> - Pending contract execution of Task 4 and District approval to begin CEA development
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<p>GESA-2 (ESCO – The Efficiency Network)</p>	<p>1. Bethune 2. Beeber 3. Brown</p>	<ul style="list-style-type: none"> - Beeber: 87% complete. Lighting 99% complete, temperature controls 98% complete, chiller installation 61% complete, and boiler installation 98% complete, piping installation 100% complete, sheet metal and louvers 86% complete. - Bethune: 91% complete. Lighting 100% complete, temperature controls 100% complete, Admin air handler installation is complete, Gym air handler installation is complete, Cafeteria air handler installation is complete, and chiller installation is complete. Hallway CUH replacements underway 40% (added with change order), commissioning in progress. - Brown: 86% complete. Lighting is complete, temperature controls is complete, chiller installation is 31% complete (piping only), boiler installation is complete, piping installation 100% complete and HVAC electrical upgrades 99% complete. - Substantial completion now expected for May 2023 due to equipment delays.
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<p>GESA-3 (ESCO – NORESKO)</p>	<ol style="list-style-type: none"> 1. Heston 2. Locke 3. Grover Washington 4. Franklin 5. Hackett 6. Clemente 7. Ellwood 8. Kirkbride 	<ul style="list-style-type: none"> - Pricing and Scope finalized - Total Project Cost – \$125M federal ARPA (ESSER III) funding. - Scope includes major HVAC, Hazmat and Temperature control upgrades across all buildings in the project. - Project approved December 15th, 2022 BOE meeting. - Project Kickoff Meeting occurred on February 16th, 2023 - Project mobilization underway. - Substantial Completion targeted for September 2024 to comply with ARPA funding deadlines.
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Sincerely,



David Newman, PE, CEM, LEED-AP
Vice President, Engineering
Energia



February 24th, 2023

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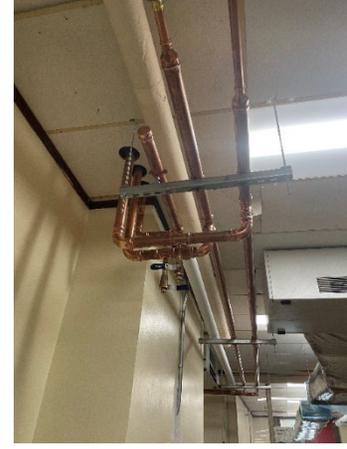
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		<ul style="list-style-type: none"> - HVAC installation for the basement, 1st floor, 2nd floor, and 3rd floor are 55%, 85%, 40%, and 80% complete, respectively. - Boilers, Pumps & Mechanical Room equipment 80% complete
		
<p>GESA-1, Task 4 (ESCO – Johnson Controls)</p>	<p>1. Fitzpatrick</p>	<ul style="list-style-type: none"> - Pricing and scope have been finalized - Total Project Cost – \$19.55 million - Scope includes a steam to hot water conversion, installation of a central chiller, upgrade of electrical systems, new controls, LED lighting, and water efficiency improvements. - Contract pending internal SDP review process and acceptance prior to BOE approval. - BOE approval targeted for April.
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GESA-1, Task 3 (ESCO – Johnson Controls)	<ol style="list-style-type: none"> Lowell 	<ul style="list-style-type: none"> - In construction, 74% complete - LED Lighting and Domestic Hot Water Upgrades are complete - Electrical Service Upgrades 40% complete - AHU, FCU's, CH's, Louvres, and Hose Kits 85% complete

		<ul style="list-style-type: none"> - Boilers, Pumps & Mechanical Room equipment 68% complete - HVAC installation for the basement, 1st floor, 2nd floor, and 3rd floor 55%, 70%, 40%, and 40% complete, respectively.
		
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