



Department of Energy

Washington, DC 20585

May 28, 2021

Nick Bauer
Democratic National Committee
430 S. Capitol Street, S.E.
Washington, D.C. 20003

Via email: researchinfo@dnc.org

Re: HQ-2019-00600-F

Dear Mr. Bauer:

This is the final response to the request for information that you sent to the Department of Energy (DOE) under the Freedom of Information Act (FOIA), 5 U.S.C. § 552. You requested:

All emails sent or received by any individual in the Office of Energy Efficiency & Renewable Energy that contain any of the following keywords in the subject line, body, or attachments.

Keywords:

- “GM”
- “G.M.”
- “General Motors”
- “Lordstown”
- “Hamtramck”
- “Warren”
- “Cruze”
- “Volt”
- “LaCrosse”
- “Cadillac”
- “XTS”
- “CT6”
- “Trade Adjustment Assistance”
- “TAA”



- “T.A.A.”
- “Tariff”
- “Trade War”

Please exclude any mass emails, such as newsletters, from your search for records. This request covers November 19, 2018, to December 3, 2018.

In a phone call with Erica Lewis, of my office, confirmed over email on April 16, 2019, you amended your request by agreeing to accept certain search parameters for emails sent to or from the EERE. For email communications, you agreed that DOE would search only the following custodians:

Daniel Simmons, Assistant Secretary
Alex Fitzsimmons, Chief of Staff
Cathy Tripodi, Principal Deputy Assistant Secretary
Michael Berube, Acting Deputy Assistant Secretary
David Howell, Acting Director of Vehicle
Technologies
Valri Lightner, Acting Director of Advanced Manufacturing
Scott Hine, Acting Director of the Workforce Management Office

Your request was assigned to DOE’s Office of Energy Efficiency and Renewable Energy (EERE) to conduct a search of its files for responsive documents. EERE started its search on May 2, 2019, which is the cut-off date for responsive documents. EERE has completed its search and identified six (6) documents responsive to your request. The documents are being released to you as described in the accompanying index.

During DOE’s review Two (2) documents identified were found to contain equities that fall under the jurisdiction of the Department of Energy’s Idaho National Laboratory (INL). These documents have been transferred to INL for its review and direct response to you. The contact information for the INL FOIA Officer is as follows:

Amy T. Smith
U.S. Department of Energy
Idaho Operations Office
1955 Fremont Avenue
MS 1203
Idaho Falls, Idaho 83401
smithat@id.doe.gov
208-526-4223.

DOE identified Four (4) documents under headquarters jurisdiction.

Upon review, DOE has determined that certain information contained within the documents should be withheld pursuant to Exemptions 3, 5, and 6 of the FOIA, 5 U.S.C. § 552 (b)(3), (b)(5), and (b)(6).

Exemption 3 protects from disclosure information "specifically exempted from disclosure by statute (other than section 552 (b) of this title), if that statute—(A)(i) requires that the matters be withheld from the public in such a manner as to leave no discretion on the issue; or (ii) establishes particular criteria for withholding or refers to particular types of matters to be withheld[.]" 5 U.S.C. § 552(b)(3). The Internal Revenue Code (the "Code"), 26 U.S.C. § 6103 (2006), is one such statute that falls within the coverage of Exemption 3. See, e.g., *Church of Scientology v. IRS*, 484 U.S. 9, 15(1987) ("§ 6103 of the Internal Revenue Code is the sort of statute referred to by the FOIA in 5 U.S.C. § 552(b)(3)").

The Code states that return information shall be confidential, 26 U.S.C. § 6103(a). The information withheld under Exemption 3 consists of certain return information, namely a taxpayer's identification number, the disclosure of which is prohibited by the Code.

Exemption 5 protects "inter-agency or intra-agency memorandums or letters that would not be available by law to a party other than an agency in litigation with the agency." 5 U.S.C. § 552(b)(5). This exemption has been construed to exempt those documents normally privileged in the civil discovery context, such as attorney-client communications, attorney-work product documents, and deliberative process material.

The information withheld under Exemption 5 has been deemed pre-decisional and deliberative in nature, including pre-decisional discussions between DOE staff. The DOE may consider these preliminary views as part of the process that will lead to the agency's final decision about these matters. The information does not represent a final agency position, and its release would compromise the deliberative process by which the government makes its decisions. Withholding this information protects against the premature disclosure of proposed policies regarding energy-related matters, protects the candor of intra-agency communications, and prevents confusion to the public that could result from disclosing alternative rationales for agency decisions. Thus, documents are being withheld in part under Exemption 5 of the FOIA.

With respect to the discretionary disclosure of deliberative information, the quality of agency decisions would be adversely affected if frank, written discussion of policy matters were inhibited by the knowledge that the content of such discussion might be made public. For this reason, DOE has determined that discretionary disclosure of the deliberative material is not in the public interest because foreseeable harm could result from such disclosure.

Exemption 6 is generally referred to as the "personal privacy" exemption; it provides that the disclosure requirements of FOIA do not apply to "personnel and medical files and similar files the disclosure of which would constitute a clearly unwarranted invasion of personal privacy." In applying Exemption 6, the DOE considered: 1) whether a significant privacy interest would be invaded; 2) whether the release of the information would further the public interest by shedding light on the operations or activities of the Government; and 3) whether in balancing the privacy interests against the public interest, disclosure would constitute a clearly unwarranted invasion of privacy.

The information withheld under Exemption 6 consists of cell phone numbers. This information qualifies as “similar files” because it is information in which an individual has a privacy interest. Moreover, releasing the information could subject the individuals to unwarranted or unsolicited communications. Since no public interest would be served by disclosing this information, and since there is a viable privacy interest that would be threatened by such disclosure, Exemption 6 authorizes withholding the information. Therefore, we have determined that the public interest in the information’s release does not outweigh the overriding privacy interests in keeping it confidential.

This satisfies the standard set forth at 5 U.S.C. § 552(a)(8)(A) that agencies shall withhold information under FOIA “only if (I) the agency reasonably foresees that disclosure would harm an interest protected by an exemption...; or (II) disclosure is prohibited by law...” 5 U.S.C. § 552(a)(8)(A) also provides that whenever full disclosure of a record is not possible, agencies shall “consider whether partial disclosure of information is possible...and (II) take reasonable steps necessary to segregate and release nonexempt information.” Therefore, we have determined that, in certain instances, a partial disclosure is proper.

Pursuant to 10 C.F.R. § 1004.7(b)(2), I am the individual responsible for the determination to withhold the information described above. The FOIA requires that “any reasonably segregable portion of a record shall be provided to any person requesting such record after deletion of the portions which are exempt.” 5 U.S.C. § 552(b). As a result, a redacted version of the documents is being released to you in accordance with 10 C.F.R. §1004.7(b)(3).

This decision, as well as the adequacy of the search, may be appealed within 90 calendar days from your receipt of this letter pursuant to 10 C.F.R. § 1004.8. Appeals should be addressed to Director, Office of Hearings and Appeals, HG-1, L’Enfant Plaza, U.S. Department of Energy, 1000 Independence Avenue, S.W., Washington, D.C. 20585-1615. The written appeal, including the envelope, must clearly indicate that a FOIA appeal is being made. You may also submit your appeal by e-mail to OHA.filings@hq.doe.gov, including the phrase “Freedom of Information Appeal” in the subject line (this is the preferred method by the Office of Hearings and Appeals). The appeal must contain all the elements required by 10 C.F.R. § 1004.8, including a copy of the determination letter. Thereafter, judicial review will be available to you in the Federal District Court either (1) in the district where you reside, (2) where you have your principal place of business, (3) where DOE’s records are situated, or (4) in the District of Columbia.

You may contact DOE’s FOIA Public Liaison, Alexander Morris, FOIA Officer, Office of Public Information, at 202-586-5955, or by mail at MA-46/Forrestal Building 1000 Independence Avenue, S.W., Washington, D.C., 20585, for any further assistance and to discuss any aspect of your request. Additionally, you may contact the Office of Government Information Services (OGIS) at the National Archives and Records Administration to inquire about the FOIA mediation services they offer. The contact

information for OGIS is as follows: Office of Government Information Services, National Archives and Records Administration, 8601 Adelphi Road-OGIS, College Park, Maryland 20740-6001, e-mail at ogis@nara.gov; telephone at 202-741-5770; toll free at 1-877-684-6448; or facsimile at 202-741-5769.

The FOIA provides for the assessment of fees for the processing of requests. See 5 U.S.C. § 552(a)(4)(A)(i); see also 10 C.F.R. § 1004.9(a). In our March 29, 2019 letter you were notified that you were categorized under the DOE regulation that implements the FOIA at Title 10, Code of Federal Regulations (CFR), Section 1004.9(b)(4), as an “other” requester. Requesters in this category are provided with two free hours of search time and 100 free pages of duplication. DOE’s processing costs did not exceed \$15.00, the minimum amount at which DOE assesses fees. Therefore, no fees will be charged for processing your request.

This is the final response that you will receive from this office regarding your request. You may contact Ms. Kathleen Vaughan of my staff with any questions about this letter at:

MA-46/Forrestal Building
1000 Independence Avenue, S.W.
Washington, D.C. 20585
(202) 586-5955.

I appreciate the opportunity to assist you with this matter.

Sincerely,

Alexander C.
Morris

Digitally signed by
Alexander C. Morris
Date: 2021.05.28
10:49:22 -04'00'

Alexander C. Morris
FOIA Officer
Office of Public Information

Enclosures

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Request #: HQ-2019-00600-F

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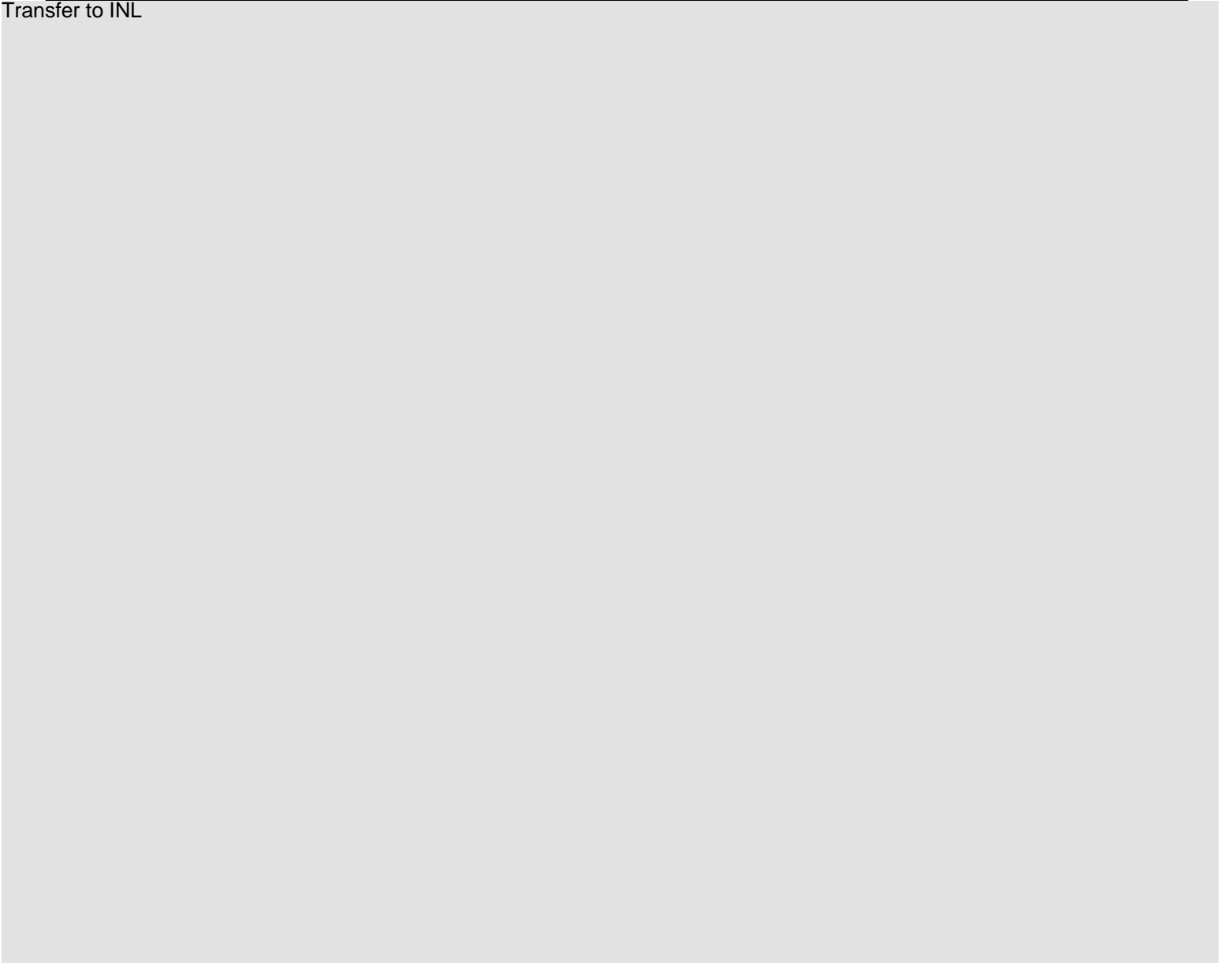
Scott Hine, Acting Director of the Workforce Management Office

The Office of Energy Efficiency and Renewable Energy (EERE) completed its search and located Six (6) documents responsive to your request.

- Two (2) documents *are being transferred in their entirety to the Department of Energy's Idaho National Laboratory.*
- One (1) document *is being released in its entirety.*
- Three (3) documents *are being released, in part, pursuant to Exemption 3, 5, and 6.*

Rodriguez, Susan (CONTR)

Transfer to INL



Rodriguez, Susan (CONTR)

From: Hinkle, Harold <Harold.Hinkle@NETL.DOE.GOV>
Sent: Tuesday, November 27, 2018 9:02 AM
To: Harshman, Angela (NETL);Funk, Sheldon (NETL)
Cc: Cooper, Christy;Zeh, Charles (NETL);Howell, David
Subject: General Motors White Marsh Facility to Be Idled
Attachments: 0002629 Property Closeout package clearance.pdf

EE0002629: "Recovery Act - U.S. Electric Drive Manufacturing Center"

Please be aware that the GM White Marsh facility with equipment funded in part with Federal funds is planned to be idled.(b) (5)

(b) (5)

Thanks Everyone

<http://regionalbusinesstalk.com/gms-baltimore-operations-among-plants-that-will-stop-production-in-2019/>

A **General Motors** plant in Baltimore County could close as part of a company-wide restructuring by the auto giant.

GM said Monday it would lay off up to 14,000 factory and white collar workers, and idle five plants in the U.S. and Canada, [according to the Associated Press](#). Among the plants that will halt production next year are the Baltimore Operations plant in White Marsh. The facility focuses on transmissions and employs 310 people, [according to a company website](#). GM plans to stop current production there on April 1, the AP reported. With the shifts, some factory workers could transfer, or the plants could get different vehicles to build.

Also affected are a second transmission plant in Warren, Mich., and assembly plants in Detroit, Warren, Ohio, and Oshawa, Ontario, Canada.

With the cuts, GM is also killing off models including the Chevrolet Volt, Cruze and Impala in response to a dip in preference for cars. Meanwhile, the automaker said in a statement that it invested in newer vehicle architectures for SUVs, trucks and crossovers. The company is looking to double down on electric and autonomous vehicles, as well as ridesharing.

"We recognize the need to stay in front of changing market conditions and customer preferences to position our company for long-term success," CEO **Mary Barra** said in a statement.

GM has a long history in Baltimore. The automaker's assembly plant on Broening Highway opened in 1935 and employed 1,100 people when it [closed](#) in 2005. The facility now houses Amazon's fulfillment center in Baltimore.

Opened in 2000, the plant in White Marsh is 471,000 sq. ft., and has since seen \$134.5 million in investment. Baltimore Operations makes [two-mode hybrid transmissions](#), electric motors and transmissions that go into Chevrolet Sierra and GMC Sierra pickup trucks, [according to its website](#). It employs 253 hourly and 57 salaried employees. GM paid \$33.1 in wages to workers there in 2017. Workers are represented by **UAW Local 239**.

Baltimore County government is making its workforce development team available, and said the Eastpoint Career Center will help match workers with employers seeking advanced manufacturing talent.

“Baltimore County stands with the workers and their families who are part of a decades-long GM manufacturing legacy in Baltimore, from advanced hybrid motors in White Marsh to vehicle production at Broening Highway,” County Executive **Don Mohler** said in a statement. “Our workers are second to none.”



July 7, 2017

General Motors LLC
Attn: Charles Gough
895 Joslyn Avenue
Pontiac, MI 48340-2920

SUBJECT: Cooperative Agreement DE-EE0002629 "Recovery Act – U.S. Electric Drive Manufacturing Center."

Dear Mr. Gough:

Based on the information contained in your final "Tangible Personal Property Report," DOE acknowledges that General Motors LLC is exercising the right to continue to use the property on the project or program for which it was acquired.

General Motors LLC must continue to account for the property after the closeout of the award, as long as the equipment continues to have a fair market value of \$5,000 or more and continues to be used for the project or program for which it was acquired, in accordance with DOE's financial assistance regulations set forth in 10 CFR 600. As soon as the fair market value of an individual unit of property falls below \$5,000, DOE's interest in the property is extinguished and General Motors LLC takes unconditional title to the property with no further obligation to the DOE. Should General Motors LLC determine that it will no longer use the equipment for the project or program for which it was acquired, General Motors LLC must request disposition instructions from DOE.

If you have any questions or require further information, please contact Sheldon Funk, DOE Contract Specialist at 304-285-0204 or via e-mail at Sheldon.Funk@netl.doe.gov.

Sincerely,

Lisa Kuzniar
Contracting Officer
Finance and Acquisition Center

Enclosure

**TANGIBLE PERSONAL PROPERTY REPORT
SF- 428**

		Page 1	of 7	Pages
1. Federal Agency and Organization Element to Which Report Is Submitted National Energy Technology Laboratory	2. Federal Grant or Other Identifying Number Assigned by Federal Agency DE-EE0002629	3a. DUNS 076336064	3b. EIN (b) (3)	
4. Recipient Organization (Name and complete address including zip code) General Motors LLC		5. Recipient Account or Identifying Number		
6. Attachment (Check applicable) <input type="checkbox"/> Annual Report (SF-428-A) <input checked="" type="checkbox"/> Final (Award Closeout) Report (SF-428-B) <input type="checkbox"/> Disposition Report/Request (SF-428-C)		7. Supplemental Sheet <input checked="" type="checkbox"/> Yes <input type="checkbox"/> No		
8. Comments				
9a. Typed or Printed Name and Title of Authorized Certifying Official Sean Campbell - Government Contracts Manager		9c. Telephone (area code, number, extension) (b) (6)		
		9d. Email address sean.c.campbell@gm.com		
9b. Signature of authorized Certifying Official		9e. Date report submitted (Month, Day, Year) 06/21/2017		
10. Agency Use Only				

TANGIBLE PERSONAL PROPERTY REPORT Final Report SF-428- B

Federal Grant or Other Identifying Number Assigned by Federal Agency (Block 2 on SF-428).

DE-EE0002629: U.S. Electric Drive Manufacturing Center

1. Report (Select all that apply)

- a. Federally-owned Property (List on Supplemental Sheet SF-428S or recipient equivalent and complete Section 2a below.)
- b. Acquired Equipment with acquisition cost of \$5,000 or more for which the awarding agency has reserved the right to transfer title (List on Supplemental Sheet SF-428S or recipient equivalent and complete Section 2b below.)
- c. Residual Unused Supplies with total aggregate fair market value exceeding \$5,000 not needed for any other Federally sponsored programs or projects. (Complete Section 2c below)
- d. None of the above

2. Complete relevant section(s)

2a. Federally-owned Property
(Select one or more.)

- (i) Request transfer to Award _____
- (ii) Request Federal Agency disposition instructions
- (iii) Other (Provide detail in Block 3 or attach request)

2b. Acquired Equipment (Select one or more.)

- (i) Request unconditional transfer of title with no further obligation to the Federal Government.
- (ii) Request Federal Agency disposition instructions

Note: If the awarding agency does not provide disposition instructions within 120 days the recipient may continue to use the equipment for Federally supported projects or dispose in accordance with the applicable property standards.

2c. Reportable Residual Unused Supplies

- (i) Sale proceeds or Estimate of current fair market value \$ _____
- (ii) Percentage of Federal participation _____ %
- (iii) Federal share \$ _____
- (iv) Selling and handling allowance \$ _____
- (v) Amount remitted to the Federal Government..... \$ _____

3. Comments

Real property still accountable under the Grant was removed from this Tangible Personal Property Report. Those assets are still being used for their originally authorized purpose and will be tracked in accordance with 10 CFR 600.132. *No REAL Property purchased under this Award. The REAL property referenced was the Labor, supplies + materials that went into upgrading an existing facility.*

Susan Kuerman 7-7-17

Agency use only

Contracting Officer

FINAL REPORT ATTACHMENT TO SF-428

General Motors, LLC
850 North Glenwood Ave
Pontiac, MI 48340-2920
(b) (6)
sean.c.campbell@gm.com

July 10, 2017

Mr. Sheldon Funk
Contracts Specialist
National Energy Technology Laboratory (NETL)
3610 Collins Ferry Road P.O. Box 880
Morgantown, WV 26507

Dear Mr. Funk,

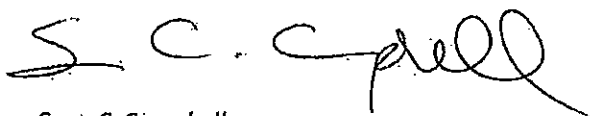
Extinguishment of Government Interest in Equipment under Grant Agreement DE-EE0002629

The purpose of this letter is to notify the United States Department of Energy (DOE) that its interest in two pieces of equipment acquired under Grant Agreement DE-EE0002629 (Grant) has extinguished.

According to 10 CFR 600.134(g), "[e]quipment with a current per-unit fair market value of less than \$5000 may be retained, sold or otherwise disposed of with no further obligation to the awarding agency." General Motors LLC (GM) engaged the services of Maynards Industries Inc. to obtain an independent appraisal of equipment asset numbers 100134118 and 100140921 acquired under the Grant. Upon appraisal, these two pieces of equipment have a fair market value of less than \$5,000. Therefore, the DOE interest in the equipment has expired. The results of the appraisal are included in Attachment 1 as are the appraisal methodology and the credentials of the appraisal agency and the appraiser. Attachment 2 contains an updated property list with these assets removed.

Please contact the undersigned with any questions or concerns at the number above.

Sincerely,



Sean C. Campbell

Government Contract Manager

Cc: Hank Hinkle



GENERAL MOTORS

Attachment 1

“DESKTOP” APPRAISAL

OF

SPECIFIC ASSETS

OF

**GM GLOBAL PROPULSION
SYSTEMS**

**800 N. GLENWOOD AVE.
PONTIAC, MI 48340**

Prepared for:

**Ms. Yevita S. Brown
Government Subcontract Administrator**

GENERAL MOTORS, LLC

**895 Joslyn Ave.
Pontiac, MI 48340
MAIL CODE: 483-710-210**

Maynards
SINCE 1902

AUCTIONEERS • LIQUIDATORS • APPRAISERS

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Equipment Listing – Specific Assets	Schedule A



Maynards Industries USA Appraisals LLC
21700 Northwestern Hwy.,
Suite 1180
Southfield, MI 48075

T: 248 569-9781
F: 248 569-9793
E: clientsupport@maynards.com
www.maynards.com

"DESKTOP" VALUATION SUMMARY

GM GLOBAL PROPULSION SYSTEMS

PERSONAL PROPERTY

Effective Date: May 16, 2017

MACHINERY AND EQUIPMENT (Specific Assets Only)	
FAIR MARKET VALUE	\$SVU5

*****NOTE – SCRAP VALUE ASSETS**

Assets with a scrap value under \$5,000 are listed in the Schedule A Equipment Listing and denoted with a value of **\$SVU5**.



Maynards Industries USA Appraisals LLC : T: 248 569-9781
21700 Northwestern Hwy., F: 248 569-9793
Suite 1180 E: clientsupport@maynards.com
Southfield, MI 48075 www.maynards.com

May 25, 2017

Ms. Yevita S. Brown
Government Subcontract Administrator
General Motors, LLC
895 Joslyn Rd.
Pontiac, MI 48340

Phone: 248-857-2960
e-mail: Yevita.brown@gm.com
Mail Code: 483-710-210

RE: GM GLOBAL PROPULSION SYSTEMS
o 800 N. Glenwood Ave., Pontiac, MI 48340

Dear Ms. Brown:

At your request, I, as an appraiser of Maynards Industries USA Appraisals LLC, (Maynards), have prepared a "desktop" appraisal of the assets belonging to the GM Global Propulsion Systems, a copy of which is enclosed. This report is intended for exclusive use by General Motors, LLC and yourself, and is intended only for establishing values of the listed equipment for financial decision-making purposes. The appraiser does not intend use of this appraisal by others, nor is the report intended for any other use unless express written consent is given.

On May 16, 2017, we received significant data relating to these items. Following a review of this information, I investigated the market conditions for this type of equipment in order to prepare this impartial report.

The cost, income and market approaches to value have been considered for this appraisal and have either been utilized where necessary or deemed inappropriate for the value conclusions found therein.

After a thorough analysis of the machinery and equipment and review of the information made available to me, it is my opinion that, as of May 16, 2017, the machinery and equipment has a Fair Market Value as shown on the certificates that I have prepared. It should be noted that my opinion should not be interpreted as a guarantee of value.

As an agent of Maynards, I certify that neither I nor Maynards, nor any of its employees have any present or future interest in the appraised property. The fee charged for this appraisal was not contingent on the values reported.

If you require any additional information, please feel free to contact me at your convenience.

Yours truly,

Maynards Industries USA Appraisals LLC

Al Loewenstein, ASA, CEA
Managing Director of Valuation Services
aloew@maynards.com

Maynards Industries USA Appraisals LLC

DOES CERTIFY

THAT ON THIS DATE GIVEN IN THIS CERTIFICATE, THE ASSETS OF:

GM GLOBAL PROPULSION SYSTEMS

WERE WELL AND REASONABLY WORTH THE VALUES LISTED BELOW:

MACHINERY AND EQUIPMENT (Specific Assets Only) "DESKTOP"	
FAIR MARKET VALUE	\$SVU5

*****NOTE – SCRAP VALUE ASSETS**

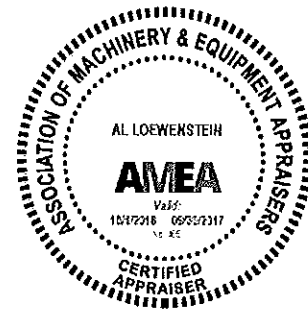
Assets with a scrap value under \$5,000 are listed in the Schedule A Equipment Listing and denoted with a value of **\$SVU5**.

(Refer to Schedule A)

Effective Date: May 16, 2017



BY:
Al Loewenstein, ASA, CEA
Managing Director of Valuation Services
US Industrial Division



DEFINITIONS OF VALUE

FAIR MARKET VALUE (FMV): A professional opinion of the estimated most probable price expressed in terms of currency to be realized for property in an exchange between a willing buyer and a willing seller, with equity to both, neither being under compulsion to buy or sell, and both parties fully aware of all relevant facts, as of the effective date of this appraisal report. Both the buyer and the seller acknowledge that the assets must be dismantled and removed at the buyer's expense.

"DESKTOP" APPRAISAL: A "Desktop" appraisal involves the review of detailed information provided to Maynards by the client relative to the assets that are the subject of the valuation. This information includes, but may not be limited to, complete factual information relative to the asset including its age; manufacturer's name; model number; serial number; all relevant information pertaining to capacity and specifications; a statement of operating condition; maintenance, rebuild and/or retrofit history (when applicable); original cost information (when applicable); photographs (when available); and any other information deemed to be important by Maynards Industries or the client. To the extent that the client is not able to furnish an accurate statement of the operating condition of the assets, Maynards Industries will assume the asset to be in average working condition and maintained within industry standards.

SCRAP VALUE: A professional opinion of the estimated value expressed in terms of money that could be realized for an asset if it were sold for its material content, not for productive use.

NOTE – SCRAP VALUE ASSETS

Assets with a scrap value under \$5,000 are listed in the Schedule A Equipment Listing and denoted with a value of **\$SVU5**.

CONDITION STATEMENTS

EXCELLENT (E): Recently purchased, new unused or used with extremely limited use. Practically new mechanical condition. Installed or uninstalled.

VERY GOOD (VG): Like new condition. Slightly used. Capable of full capacity per design specifications without modifications. In exceptionally good mechanical condition. Has just been completely overhauled or has had such limited use that no repairs or worn part replacement is necessary. Very low hours.

GOOD (G): Used property. Capable of operating at or near full specified capacity. No known mechanical defects except any that may be described. In operating condition, but possibly may have some worn parts that will need repair or replacement in the near future and/or has undergone repairs as part of regular maintenance at some point.

FAIR (F): Used property. Has seen considerable service and may require general overhaul in the near future. The condition of the item being consistent with its actual age, assuming normal usage.

POOR (P): Used property. Has seen hard service. Operating below fully specified capacity due to age and/or application. Is worn and requires general maintenance and/or replacement of components and/or wear parts in the foreseeable future.

SCRAP (X): Beyond service life.

APPROACHES TO VALUE

Market Approach One of the three recognized approaches used in appraisal analysis, this approach involves the collection of market data pertaining to the subject assets being appraised. This approach is also known as the 'Comparison Sales Approach'. The primary intent of the market approach is to determine the desirability of the assets and recent sales or offerings of similar assets currently on the market in order to arrive at an indication of the most probable selling price of the assets being appraised. If the comparable sales are not exactly similar to the asset being appraised, adjustments must be made to bring them as closely in line as possible with the subject property.

Cost Approach One of the three recognized approaches used in the appraisal analysis, this approach is based on the proposition that the informed purchaser would pay no more for a property than the cost of producing a substitute property with the same utility as the subject property. It considers that the maximum value of a property to a knowledgeable buyer would be the amount currently required to construct or purchase a new asset of equal utility. When subject asset is not new, the current cost must be adjusted for all forms of depreciation as of the effective date of the appraisal.

Income Approach One of the three recognized approaches used in appraisal analysis, this approach considers value in relation to the present worth of future benefits derived from ownership and is usually measured through the capitalization of a specific level of income. This approach is the least common approach used in the valuation of machinery and equipment since it is difficult to isolate income attributable to such assets and was not utilized for this appraisal project.

Depreciation Defined as the actual loss in value or worth of a property from all causes including those resulting from physical deterioration, functional obsolescence, and economic obsolescence.

Physical Deterioration A form of depreciation where the loss in value or usefulness of an asset is attributable solely to physical causes such as wear and tear and exposure to the elements.

Functional Obsolescence A form of depreciation where the loss in value is due to factors inherent in the property itself and due to changes in design, or process resulting in inadequacy, over capacity, excess construction, lack of functional utility, or excess operating costs.

Economic Obsolescence A form of depreciation or loss in value, caused by unfavorable external conditions. These can include such things as the economics of the industry, availability of financing, loss of material and labor sources, passage of new legislation, and changes in ordinances.

All facts and data set forth in this report are based upon an estimate of value only and are true and accurate to the best of the appraiser's knowledge and belief.

STATEMENT OF ASSUMPTIONS AND LIMITING CONDITIONS

All facts and data set forth in this report are based upon an estimate of value only and are true and accurate to the best of the appraiser's knowledge and belief.

No investigation has been made into title to the property and all items listed are assumed to be the property of the subject company unless otherwise noted. Maynards has relied upon management to identify any equipment that is leased or owned by parties unrelated to the appraisal. Conducting a UCC search is outside the scope of this appraisal assignment.

No allowance has been made for possible liens or encumbrances that may be against the property other than those discussed in the report.

No allowance has been made nor was any consideration given to potential environmental problems and the possible impact those problems would have on the findings within this appraisal. It is assumed that there is full compliance with all applicable federal, state, and local environmental regulations and laws unless noncompliance is stated, defined, and considered in the appraisal report.

The appraised property has not been personally viewed.

This appraisal has been completed in accordance with the guidelines established by the Uniform Standards of Professional Appraisal Practice (USPAP) and the Association of Machinery and Equipment Appraisers (AMEA) and reflects the best judgment of the appraiser.

Since conclusions by the appraiser are based upon judgments, isolation of any single element as the sole basis for comparison to the whole appraisal may be inaccurate.

It is assumed that there are no hidden or unapparent conditions of the equipment, which would alter its appraised value.

Other limitations or assumptions, if any, are clearly defined and individually set out at that point relating to the subject.

The appraiser is not required to give testimony, be present in any court of law, or appear before any commission or board by reason of this appraisal, unless prior arrangements have been made.

The effective date of the appraisal establishes the current value and is not prospective or retrospective.

Any additions or deletions to the total assets appraised could change the psychological and/or monetary appeal necessary to gain the prices indicated. No value or consideration was given to raw materials; work in process or finished inventory.

The contents of the appraisal are considered confidential and will not be transmitted to any third party without written permission of the client.

Digital pictures have been provided of the appraised assets and are on file and available for review in the offices of Maynards Industries USA Appraisals LLC

Any statements regarding the physical assets covered under this appraisal are the result of a visual inspection of the respective assets plus such background information as available with respect to aging. It is assumed that there are no hidden or unapparent conditions of the equipment that would render it more or less valuable

The appraiser disclaims any knowledge with respect to each asset's operational ability, capability or past performance, nor is there any determination as to hidden, latent or undisclosed defects which may have resulted from current or past use of the asset by present and/or past owners.

Possession of this report, or a copy thereof, does not carry with it the right of publication. It may not be used for any purpose by any person other than the party to whom it is addressed without the written consent of that party and, in any event, only with proper written qualification and only in its entirety.

Maynards Industries USA Appraisals LLC reserves the right to recall all copies of this report to correct any error or omission.

Neither all nor any part of the contents of this report (especially any conclusions as to value, the identity of the appraiser, or the firm with which the appraiser is connected) shall be disseminated to the public through advertising, public relations, news, sales, or other media without the prior written consent and approval of the appraiser.

VALUATION CONSIDERATIONS

This appraisal is being submitted under the fair market value concept. Implicit in the fair market value is that there is a separation of the assets but there is not a compulsion to sell, the assets are sold to be removed and relocated to another location at the cost of the buyer. This concept is in contrast to "forced liquidation value" or "orderly liquidation value, which represents an auction situation distressed sale where the assets are sold to the highest bidder, regardless of sale price, typically after a relatively short period of market exposure. Forced liquidation value and orderly liquidation value were outside the scope of this engagement.

Where practical, the sales comparison approach was used to value the equipment. In other instances, the cost approach was considered as an indication of value, but only to the extent that buyers and sellers in the market consider cost and its relationship to value.

To attempt to present and discuss in detail all of the specific factors considered in the valuation of each and every item would be burdensome to any user of the appraisal. Rather, it is more important the overall issues be clearly identified, so that the reader can better understand their impact on the value of assets.

The fair market value definition recognizes that the assets are being sold "as is, where is". "As is" means that the equipment is offered for sale without any warranties, guarantees, or representations of fitness for use. There is no right of recourse by the buyer to the seller. If there are any defects in the equipment, they will need to be identified by the buyers who will then have to remedy them at their own expense. This creates a "buyer beware" situation, which may have an adverse impact on the marketability of the machinery, given that alternative equipment may be available in the market from other sources.

The "where is" component of the fair market value definitions means that the assets are being sold to be removed at the risk and expense of the buyer. This removal concept means that any expenditure that has been made for the installation of the equipment will be totally lost. Buyers who remove the assets will ignore any potential value that may be associated with the original installation costs.

When assets are sold through a fair market scenario, the seller is afforded more flexibility to locate a qualified buyer. In many cases, however, additional time is required to find buyers that have a specific application for the assets being sold. Having more time to locate qualified buyers should help to enhance the sale proceeds realized but also increases the holding cost.

There are usually two types of buyers in the event the subject assets must be liquidated piecemeal. The first is an end user, who would purchase the machinery either to expand existing production capacity or to replace less productive equipment. Once the market of end users has been exhausted, the potential buyer pool usually becomes used machinery dealers or brokers. These are speculative purchasers, who acquire machinery in the anticipation of its future resale. In addition to removal and transportation costs, dealers will consider their holding costs, including warehousing, any necessary repair or rebuild, marketing, and warranty expense, as well as profit motive, in the amount they will pay.

Custom Built Equipment

The equipment associated with this engagement is used for the production of Li-ION Batteries. This equipment is dedicated to the assembly of a specific part and would require extensive re-tooling to work with any other project. A large portion of the original cost goes towards engineering, design, layout, integration and part handling which represent non-recoverable costs on the used market. Timing would need to be just perfect for another company to use these components in the design of an upcoming project. Nothing would fit a turnkey design and re-tooling of these assets would be required. All the parts handling portions of this equipment are specific to the size shape and design of this product. Pallet type feed systems are designed specific to this product and have part checkers, part nesting stations, stop gates and sizes that may or may not fit the next buyer's requirements. General Motors is the only company with this exact equipment in use. Buyers will have to identify their own source of repair or replacement parts, or have them machined by an outside source. In this case, some of the primary working components of these machines were made from commercially available parts. However, buyers will have to identify these parts suppliers or perform the repair service themselves. This has an impact on the value of this equipment. It has been our experience that whenever dealing in custom built equipment; the values obtained are less than the total cost of the parts to reproduce the same machine. The used market remains untested for custom equipment of this type. It is outside the scope of this appraisal to assume or attach a contract to produce product with the value of the equipment. The values assigned to the special and dedicated equipment on a fair market value basis considers the value associated with the usable components and scrap steel on the machines. Value has been given to the equipment that would sell to be used as it was designed. Although not included within the report notes were taken indicating portions of these machines marked "\$SVU5" that would represent salable portions of the equipment other than scrap steel including nut drivers, controllers, safety light curtains and controls. This acronym stands for "Scrap Value under Five Thousand".

Because the equipment is sold as is where is, any potential buyer will consider how hard it is to remove the equipment. Because of the special nature of the equipment in many cases the cost to remove, transport and warehouse can out weight the return and can be cost prohibitive. Although these individual assets represent a system, they have been valued each as an individual sale item without the benefit of grouping assets together. This can leave assets without controllers, stackers without feed systems or material handling portions. Sale of the usable components would require finding a customer in need of component parts at just the right stage of their design and development. The OEM of these systems would not have a need for these components, even if they were building similar equipment. The assets are in very good condition and work as they were designed, the special nature and propriety design make it useless as it is designed to a secondary buyer. Even with a two-year marketing period, it is our opinion that the holding cost along with the retooling and removal cost would make the sale of these assets cost prohibitive.

Significant research has been conducted to assist in the analysis of the marketability and potential value of the subject assets. Our research indicates that due to the special nature of the assets and the amount of dedicated equipment, many of the assets would only be

worth the value of scrap or the value of the usable components. Total values reported in the appraisal are expressed as a gross not net number.

Every effort has been made to reach value conclusions that are supportable and representative of the market as it currently exists, based on the best information available. There are many different issues that will have an impact on the salability and ultimate value of U. S. Department of Energy (DOE) Grant Agreement DE-EE00002217 machinery and equipment. In cases where there have been little or no recent activity involving transactions of similar items, the value estimates have relied heavily on the experience, judgment and opinion of the appraisers. The assigned value estimates for the equipment, while subjective, are the best-informed opinion of the appraisers regarding the level of value at which a knowledgeable buyer would be motivated to purchase.

It should be clearly understood that, in any liquidation proceeding, certain machines might sell for more than the estimated value presented in this report, while others could sell for less. However, it is very much the opinion of the appraisers that, on an overall basis, the value conclusions are representative of the current market for the assets under the confines of the fair market value definition.

METHODOLOGY

This appraisal was prepared utilizing some or all of the following methodology:

Each item, unless otherwise noted, was inspected by the appraiser and is clearly identified by manufacturer, model number, serial number, year of manufacture, capacity, function and attachments where available.

Perishable tooling, inspection, hand tools, machine accessories, factory supplies, minor shop equipment, selected business machines and office furniture will be grouped, identified and evaluated in aggregate as lots.

Machinery and equipment is appraised according to its highest and best use. Factors such as condition, age functionality, obsolescence, marketability and plant location are considered when assigning the appraised value herein. Items that are out of service and/or incomplete are so noted in the appraisal report.

Values are established by comparing the items appraised with equivalent items sold at recent auction or liquidation sales, consulting with new and/or used equipment dealers offering comparable equipment for sale, consulting selected trade publications, periodicals and machinery catalogues, and when appropriate, consulting with professional machinery movers.

When allowed by the client, the appraiser digitally films each item so that a committee can review it.

CERTIFICATION OF INSPECTION AND APPRAISAL

Al Loewenstein, ASA, CEA of Maynards Industries USA Appraisals LLC does hereby certify that:

The statements of fact contained in this report are true and correct.

The reported analyses, opinions and conclusions are limited only by the reported assumptions and limiting conditions, and are my personal, unbiased professional analyses, opinions and conclusions.

I have no present or prospective interest in the property that is the subject of this report, and I have no personal interest or bias with respect to the parties involved. I have not appraised these assets located at GM Global Propulsion Systems, 800 N. Glenwood Ave., Pontiac, MI 48340 during the past (3) years.

My analyses, opinions and conclusions were developed, and this report has been prepared, in conformity with the Uniform Standards of Professional Appraisal Practice (USPAP) and the Association of Machinery and Equipment Appraisers (AMEA).

My engagement was not contingent upon developing or reporting predetermined results

My compensation was not contingent upon the development of a predetermined value, the amount of the value determination or the occurrence of a subsequent event directly related to the intended use of the appraisal

No person or persons other than those acknowledged below prepared the analysis, conclusions, and opinions within this report; however, in some instances industry professionals were consulted to provide assistance in reaching a value conclusion.

I have made an inspection of the personal property that is the subject of this report, unless noted by an (*).

Respectfully submitted,

Maynards Industries USA Appraisals LLC



May 25, 2017

Al Loewenstein, ASA, CEA (*)

Date

QUALIFICATIONS OF THE APPRAISER

Alan L. Loewenstein, ASA, CEA, Managing Director

Professional Experience Managed tangible asset valuations and consulting services for clients throughout the world, including many of the Global 4000 companies including prominent financial institutions, accounting firms, law firms and private equity firms.

Tangible asset valuation projects have included machinery and equipment analysis for financing and secured lending transactions, sale/leaseback transactions, loan and lease portfolio acquisitions, valuations for financial and tax reporting including purchase price allocations for mergers and acquisitions, due diligence support, property tax appeals, fresh start accounting, goodwill testing and impairment and impairment studies for long-lived assets.

Professional Background

2004-Present	Maynards Industries USA Appraisals LLC, Sfld, MI Managing Director of Valuation Services
2000-2004	DoveBid, Southfield, MI Managing Director, DoveBid Valuation Services (Jan-Apr 2004) Director/Senior Manager, Tangible Asset Valuations
1991-2000	Norman Levy Associates, Southfield, MI Senior Appraiser/Manager – Valuations Division
1989-1991	U.S. Equipment Company, Detroit, MI Machinery Sales
1983-1989	Norman Levy Associates, Southfield, MI Appraiser

Education **B.A. Business Management, Western Michigan University**
Minor – Computer Data Processing

Accreditations **Certified Equipment Appraiser (CEA), AMEA**
Accredited Senior Appraiser (ASA), ASA

Professional Memberships

- AMEA** – Association of Machinery and Equipment Appraisers
- ASA** – American Society of Appraisers
- IAAO** – International Association of Assessing officers
- MDNA** – Machinery Dealers National Association
- TMA** – Turnaround Management Association
- CFA** – Commercial Finance Association
- ACG** – Association for Corporate Growth

GM GLOBAL PROPULSION SYSTEMS 800 N. GLENWOOD AVE. PONTIAC, MI 48340			
Item #	DESCRIPTION	Condition	FMV
SPECIFIC ASSETS			
1	1 - D&V ELECTRONIC LTD MODEL EPT-100, EOL/PERFORMANCE TESTER, ASSET # 364-10013418	G-E	\$SVU5
2	1 - D&V ELECTRONIC LTD MODEL 05-10, LIQUID COOLING UNIT - TRACTION MOTOR, ASSET # 367-100140921	G-E	\$SVU5
SUBTOTAL - SPECIFIC ASSETS:			SSVU5
			FAIR MARKET VALUE
TOTAL - SPECIFIC ASSETS LOCATED AT GM PONTIAC:			SSVU5

**DoE GM GRANT EQUIPMENT
ASSETS ACCOUNTABLE UNDER GRANT**

Qty.	ASSET ID #	DESCRIPTION	Installed Cost	FMV	LOCATION	Status / Comments
1	100177709	TUGGER (12,000#) - SN_1467E	\$ 20,587.00	\$ 7,500.00	Balt Emotor	VEHE006
1	100177710	TUGGER (12,000#) - SN_1468E	\$ 20,587.00	\$ 7,500.00	Balt Emotor	VEHE004
1	100177711	TUGGER (12,000#) - SN_1469E	\$ 20,587.00	\$ 7,500.00	Balt Emotor	VEHE005
1	100177712	TUGGER (12,000#) - SN_1470E	\$ 20,587.00	\$ 7,500.00	Balt Emotor	VEHE003
1	100162315	PART MARKING STATION - OP 055 ROTOR A	\$ 22,156.11	\$ 8,500.00	Balt Emotor	
1	100167239	CAPACITOR BANK (400KVAR) - SUBSTATION 3B	\$ 34,109.15	\$ 10,000.00	Balt Emotor	Need Safety Training to enter
1	100167227	SUBSTATION (2000KVA) - 3B	\$ 360,625.12	\$ 10,000.00	Balt Emotor	Need Safety Training to enter
1	100167226	SUBSTATION (2000KVA) - 3A	\$ 360,625.12	\$ 10,000.00	Balt Emotor	Need Safety Training to enter
1	100167238	CAPACITOR BANK (400KVAR) - SUBSTATION 3A	\$ 34,109.15	\$ 10,000.00	Balt Emotor	Need Safety Training to enter
1	100167228	SUBSTATION (2000KVA) - 3SP	\$ 219,946.41	\$ 10,000.00	Balt Emotor	Need Safety Training to enter
1	100167225	AIR DRYER	\$ 372,770.99	\$ 12,500.00	Balt Emotor	
1	100177707	LIFT TRUCK (6500#) - SN_A268N08548K	\$ 36,160.46	\$ 12,500.00	Balt Emotor	
1	100177708	LIFT TRUCK (6500#) - SN_A268N08549K	\$ 36,959.46	\$ 12,500.00	Balt Emotor	
1	100162793	ROBOT	\$ 46,187.87	\$ 12,500.00	Balt Emotor	
1	100162792	ROBOT LR-MATE	\$ 39,290.76	\$ 12,500.00	Balt Emotor	
1	100160407	ROBOT M-201A R3	\$ 37,746.67	\$ 12,500.00	Balt Emotor	
1	100160405	ROBOT R-1000IA/80 R30IA	\$ 33,122.38	\$ 12,500.00	Balt Emotor	
1	100160410	ROBOT - LR-MATE	\$ 39,240.37	\$ 15,000.00	Balt Emotor	
1	100160408	ROBOT R-2000IB/125L R30	\$ 36,539.86	\$ 15,000.00	Balt Emotor	

1	100162778	ROBOT LR-MATE 200iC	\$	38,808.71	\$	20,000.00	Balt Emotor	
1	100162779	ROBOT LR-MATE 200iC	\$	17,560.62	\$	20,000.00	Balt Emotor	
1	100162777	ROBOT LR-MATE 200iC	\$	17,027.81	\$	20,000.00	Balt Emotor	
1	100160411	ROBOT LR-MATE 200iC	\$	17,145.55	\$	20,000.00	Balt Emotor	
1	100162780	ROBOT LR-MATE 200iC	\$	17,174.82	\$	20,000.00	Balt Emotor	
1	100162781	ROBOT LR-MATE 200iC	\$	17,174.82	\$	20,000.00	Balt Emotor	
1	100162783	ROBOT LR-MATE 200iC	\$	17,174.82	\$	20,000.00	Balt Emotor	
1	100162782	ROBOT LR-MATE 200iC	\$	17,174.82	\$	20,000.00	Balt Emotor	
1	100162790	ROBOT LR-MATE 200iC	\$	39,290.78	\$	20,000.00	Balt Emotor	
1	100162791	ROBOT LR-MATE 200iC	\$	39,290.78	\$	20,000.00	Balt Emotor	
1	100162788	ROBOT LR-MATE 200iC	\$	39,290.77	\$	20,000.00	Balt Emotor	
1	100162789	ROBOT LR-MATE 200iC	\$	39,290.78	\$	20,000.00	Balt Emotor	
1	100162787	ROBOT LR-MATE 200iC	\$	39,290.77	\$	20,000.00	Balt Emotor	
1	100162786	ROBOT LR-MATE 200iC	\$	39,290.77	\$	20,000.00	Balt Emotor	
1	100162785	ROBOT LR-MATE 200iC	\$	38,369.28	\$	20,000.00	Balt Emotor	
1	100162784	ROBOT LR-MATE 200iC	\$	38,369.26	\$	20,000.00	Balt Emotor	
1	100162776	ROBOT LR-MATE	\$	38,953.08	\$	20,000.00	Balt Emotor	
1	100160406	ROBOT R-2000IB/165F R30	\$	14,724.50	\$	20,000.00	Balt Emotor	
1	100162774	ROBOT R-2000IB/125L R30	\$	36,987.44	\$	25,000.00	Balt Emotor	

1	100160409	ROBOT LR-MATE	\$	38,953.08	\$	25,000.00	Balt Emotor	
1	100162775	ROBOT R-2000IB/125L R30	\$	36,987.44	\$	25,000.00	Balt Emotor	
1	100167224	AIR COMPRESSOR	\$	405,455.12	\$	25,000.00	Balt Emotor	
1	100176884	OD LATHE MACHINE-OP 050 ROTOR A	\$	421,796.57	\$	25,000.00	Balt Emotor	Asset tag 100156401 replaces 76884
1	100139691	OVEN - STATOR HEAT TEK PREHEAT OVEN - OP 300	\$	307,621.50	\$	35,000.00	Balt Emotor	
1	100172474	SINGLE LEG WIRE MILLING OPERATION- OP050	\$	317,407.00	\$	200,000.00	Balt Emotor	
1	100156222	CMM MEASURING MACHINE	\$	330,331.51	\$	200,000.00	Balt Emotor	
1	100162615	CMM MEASURING MACHINE	\$	330,331.50	\$	200,000.00	Balt Emotor	
1	100156372	CNC WIRE FORMING MACHINE - OP 010 AIM	\$	402,589.77	\$	350,000.00	Balt Emotor	
1	100156373	CNC WIRE FORMING MACHINE - OP 010 AIM	\$	937,355.90	\$	350,000.00	Balt Emotor	
1	100156450	EAGLE DIE FORMING MACHINE - OUTSIDE HAIRPIN-OP 030	\$	1,199,216.82	\$	350,000.00	Balt Emotor	
1	100156442	STATOR TRICKLE & EPOXY CURE OVEN- OP 330	\$	1,231,813.16	\$	450,000.00	Balt Emotor	
1	100160531	MULTI SPINDLE TORQUE MACHINE - SINGLE BASE, DUEL STOP WITH SEPARATE CO	\$	118,547.99	\$	6,500.00	Balt GXE	
1	100168341	SPINDLE TORQUE MACHINE - MAIN LINE OP70	\$	117,001.65	\$	10,000.00	Balt GXE	
1	100171882	ROBOT- WASH ENVIRONMENT	\$	17,033.01	\$	20,000.00	Balt GXE	
1	100165926	ROBOTIC- R-2000IB/165F R30IA	\$	31,527.76	\$	20,000.00	Balt GXE	Has been reported on Q216 Idled Assets Listing - Planned reuse on Omega Program
1	100165927	ROBOT -R-2000IB/165F R30IA	\$	43,393.93	\$	20,000.00	Balt GXE	Has been reported on Q216 Idled Assets Listing - Planned reuse on Omega Program
1	100159197	ROBOT-2000IB/200R R30IA	\$	61,135.69	\$	40,000.00	Balt GXE	Has been reported on Q216 Idled Assets Listing - Planned reuse on Omega Program
1	100159198	ROBOT-2000IB/200R R30IA	\$	61,135.68	\$	40,000.00	Balt GXE	Has been reported on Q216 Idled Assets Listing - Planned reuse on Omega Program

1	100170594	CNC SURFACE FINISH SYSTEM FOR VALVE BODY	\$ 181,344.01	\$ 75,000.00	Balt GXE	
1	100044381	ANALYTICAL GEAR INSPECTION MACHINE	\$ 188,546.99	\$ 85,000.00	Balt GXE	Has been reported on Q216 Idled Assets Listing - Planned reuse on Omega Program No asset tag OK
1	100111651	CMM ZEISS PRISMO 10	\$ 411,506.83	\$ 250,000.00	Balt GXE	SEE ALSO 100165928 (Grant asset# 100165928 is Refurbishment of 100111651 and was white labeled in March 2015)
1	100165903	CLUTCH ASSEMBLY SYSTEM FOR C2 & C4 CLUTCH ASSEMBLIES	\$ 614,869.77	\$ 250,000.00	Balt GXE	
1	100156231	HORIZONTAL MACHINING CENTER WITH A-AXIS-GROB G500	\$ 1,311,582.56	\$ 950,000.00	Balt GXE	
1	GRE00728	G-8.1 IPLEX LT INDUSTRIAL VIDEOSCOPE SYSTEM	\$ 33,565.40	8,500	Baltimore - eMotor	OPEN NOT ON FEBRUARY CONFIRMATION LTR
1	GRE00770	G-8.1 JOMESA AUTOMATIC CLEANLINESS ANALYSIS SYSTEM	\$ 58,216.04	12,500	Baltimore - eMotor	OPEN NOT ON FEBRUARY CONFIRMATION LTR
1	GRE00771	G-8.1 - IPLEX LT INDUSTRIAL VIDEOSCOPE SYSTEM AND	\$ 39,062.30	8,500	Baltimore - eMotor	OPEN NOT ON FEBRUARY CONFIRMATION LTR
1	100192196	IGF-7780-E-F4BLUE M INERT GAS OVEN, 5.8	\$ 26,670.00	\$ 26,670.00	Kokomo	
1	100193960	RENTAL TSE-11-A TWO ZONE THERMAL SHOCK C	\$ 32,300.00	\$ 32,300.00	Kokomo	

1	100196433	MB-LABMASTER PRO SP (1250/780). GLOVEBOX	\$	47,476.50	\$	47,476.50	Kokomo	
1	GRE00901	Thin Die (<100um) Pick and Place System and Flux Dispensing	\$	842,311.00	\$	842,311.00	Kokomo	
1	GRE00902	Condensation Reflow Oven	\$	204,127.00	\$	204,127.00	Kokomo	
1	GRE00903	CIPG dispensing equipment	\$	141,140.92	\$	141,140.92	Kokomo	
1	100190921 100190952	NI Data Acquisition System - PXIe-1085 Chassis,	\$	141,489.00	\$	141,489.00	Pontiac	
1	100187401 100190926	NI Data Acquisition System - PXIe-1085 Chassis,	\$	198,923.00	\$	198,923.00	Pontiac	
1	100191000	NI Data Acquisition System - PXI-1050 Chassis, F	\$	29,989.00	\$	29,989.00	Pontiac	
1	100133765	EPOXY MACHINE	\$	24,120.00	\$	6,500.00	Pontiac	
1	100140921	LIQUID COOLING UNIT - TRACTION MOTOR	\$	53,317.09	\$	6,500.00	Pontiac	
1	100134118	EOL/PERFORMANCE TESTER	\$	430,017.72	\$	7,000.00	Pontiac	
1	100140922	DISCOM NVH ANALYZER - EOL/PERFORMANCE TESTER	\$	87,152.94	\$	7,500.00	Pontiac	
1	100133764	VARNISH MACHINE	\$	140,536.00	\$	8,000.00	Pontiac	
1	100146676	TWIST MACHINE - MOTOR DEVELOPMENT	\$	1,088,957.00	\$	25,000.00	Pontiac	
1	100146675	WIRE BENDER/FORMER	\$	386,640.00	\$	75,000.00	Pontiac	

General Motors, LLC
850 North Glenwood Ave
Pontiac, MI 48340-2920
(b) (6)
sean.c.campbell@gm.com

June 19, 2017

Mr. Sheldon Funk
Contracts Specialist
National Energy Technology Laboratory (NETL)
3610 Collins Ferry Road P.O. Box 880
Morgantown, WV 26507

Dear Mr. Funk,

Removal of Real Property and Building Improvements from Tangible Personal Property Report

The purpose of this letter is to notify the United States Department of Energy (DOE) that the assets on the enclosed list, purchased as part of Grant Award DE-EE0002629 (Grant) have been removed from the Tangible Personal Property Report in preparation of project close out. These assets are still being used for their originally authorized purpose and therefore, are still accountable under the Grant pursuant to 10 CFR 600.132.

Please contact the undersigned with any questions or concerns at the number above.

Sincerely,



Sean C. Campbell

Government Contracts Manager

CC: Hank Hinkle



DOE GM GRANT EQUIPMENT

ASSETS ACCOUNTABLE UNDER GRANT DE-EE0002629

REAL PROPERTY

Qty.	ASSET ID #	Make	Model	Serial # or PO #	DESCRIPTION	Installed Cost	FMV	LOCATION	Status / Comments
1	100167233	RITE HITE	N/A	PCRGV501442	DOCK LEVELER - DOCK 150G	\$ 17,268.06	NO VALUE	Balt Emotor	BLDG ASSET
1	100167237	BARTON MALOW	N/A	PCRGV501442	DOCK MECHANICAL SYS - DOCK 150G	\$ 75,006.21	NO VALUE	Balt Emotor	BLDG ASSET
1	100167232	RITE HITE	N/A	N/A	DOCK LEVELER - DOCK 150F	\$ 17,268.06	NO VALUE	Balt Emotor	BLDG ASSET
1	100167236	BARTON MALOW	N/A	N/A	DOCK MECHANICAL SYS - DOCK 150F	\$ 75,006.21	NO VALUE	Balt Emotor	BLDG ASSET
1	100167231	RITE HITE	N/A	PCRGV501442	DOCK LEVELER - DOCK 150E	\$ 17,268.06	NO VALUE	Balt Emotor	BLDG ASSET
1	100167235	BARTON MALOW	N/A	N/A	DOCK MECHANICAL SYS - DOCK 150E	\$ 75,006.21	NO VALUE	Balt Emotor	BLDG ASSET
1	100167230	RITE HITE	N/A	PCRGV501442	DOCK LEVELER - DOCK 150D	\$ 17,268.06	NO VALUE	Balt Emotor	BLDG ASSET
1	100167234	BARTON MALOW	N/A	N/A	DOCK LEVELER - DOCK 150G	\$ 75,006.21	NO VALUE	Balt Emotor	BLDG ASSET
1	100167241	NA	NA	NA	BUILDING (EMOTOR) - POWER \ LIGHTING	\$ 2,542,182.62	NA	Balt GXE	BLDG ASSET
1	100167242	NA	NA	NA	BUILDING (EMOTOR) - PLUMBING \ PIPING	\$ 3,615,397.64	NA	Balt GXE	BLDG ASSET
1	100167243	NA	NA	NA	BUILDING (EMOTOR) - HVAC SYSTEM	\$ 2,671,445.78	NA	Balt GXE	BLDG ASSET
1	100167244	NA	NA	NA	BUILDING (EMOTOR) - FIRE PROTECTION	\$ 308,589.95	NA	Balt GXE	BLDG ASSET
1	100167245	NA	NA	NA	BUILDING (EMOTOR) - POWER TRANSMISSION	\$ 1,553,990.04	NA	Balt GXE	BLDG ASSET
1	100167246	NA	NA	NA	BUILDING (EMOTOR) - FIRE & WATCH SYSTEM	\$ 57,288.36	NA	Balt GXE	BLDG ASSET
1	100167247	NA	NA	NA	BUILDING (EMOTOR) - SECURITY \ CCTV	\$ 303,651.57	NA	Balt GXE	BLDG ASSET
1	100167248	NA	NA	NA	BUILDING (EMOTOR) - ENERGY MANAGEMENT SYS	\$ 203,880.59	NA	Balt GXE	BLDG ASSET
1	100167249	NA	NA	NA	BUILDING (EMOTOR) - IT INFRASTRUCTURE WIRING	\$ 174,578.94	NA	Balt GXE	BLDG ASSET
1	100167250	NA	NA	NA	LAND IMP - SITE PREP AND LANDSCAPING	\$ 819,936.96	NA	Balt GXE	BLDG ASSET
1	100167251	NA	NA	NA	LAND IMP - UNDERGROUND UTILITIES	\$ 1,386,693.78	NA	Balt GXE	BLDG ASSET
1	100167252	NA	NA	NA	LAND IMP - PAVING	\$ 994,837.43	NA	Balt GXE	BLDG ASSET
1	100172813	NA	NA	NA	PFCN INFRASTRUCTURE - GRE	\$ 420,029.57	NA	Balt GXE	BLDG ASSET
1	100187686	NA	NA	NA	SOLAR ARRAY - PHOTOVOLTAIC (PV) SYSTEM	\$ 1,625,000.00	NA	Balt GXE	BLDG ASSET
1	GRE00578	NA	BARTON MALOW CO	PCRGV501442	G-6.1 60144207 ITEM 2. CONSTRUCTION OF NEW MEDICAL CENTER INCLUDING MECHANICAL, ARCHITECTURAL, AND ELECTRICAL REQUIRED TO COMPLETE NEW MEDICAL CENTER. GRE-O (THIS IS THE REFERENCE TO THE CORRECT TERMS AND CONDITIONS DOCUMENT)	\$ 377,151.29	0	Baltimore	BLDG ASSET
1	GRE00483	NA	JONES LANG LASALLE AMERICAS	Blanket #GVBC0004	G-6.1 TENNANT THE 7300 RIDER	\$ 20,691.50	6,500	Baltimore	BLDG ASSET

General Motors, LLC
850 North Glenwood Ave
Pontiac, MI 48340-2920
(b) (6)
sean.c.campbell@gm.com

June 20, 2017

Mr. Sheldon Funk
Contracts Specialist
National Energy Technology Laboratory (NETL)
3610 Collins Ferry Road P.O. Box 880
Morgantown, WV 26507

Request for Disposition of Refurbished Equipment Under DE-EE0002629

Dear Mr. Funk,

The purpose of this letter is to confirm the United States Department of Energy (DOE) position on the accountability of the equipment on the enclosed list. General Motors LLC (GM) understands DOE's position to be that these assets are no longer accountable under Grant Agreement DE-EE0002629 (Grant). The assets on the list were refurbished as part of the Grant. The equipment was refurbished with Grant funds, but was neither purchased with Grant money nor did GM include the purchase cost of the equipment in its cost share under the Grant. The equipment is still being used for the purpose for which it was refurbished.

Unless notified otherwise, GM will remove the equipment on the enclosed list from its SF-428 submission for Grant close out and treat the equipment as no longer accountable under the Grant.

Please contact the undersigned with any questions or concerns at the number above.

Sincerely,



Sean C. Campbell

Government Contracts Manager

CC: Hank Hinkle



GENERAL MOTORS

**DE-EE0002629
REFURBISHED EQUIPMENT**

Qty.	ASSET ID #	DESCRIPTION	Installed Cost	FMV	LOCATION	Status / Comments
1	100161480	WASHER BT 100045059 - REBUILD	\$ 36,006.40	-	Balt GXE	Asset # is refurbishment of 100045059 only. Refurbishment paid by Grant Original Asset owned by GM but has FMV > \$5K. Both to remain on grant.
1	100161478	WASHER BT 100045051 - REBUILD	\$ 17,275.26	-	Balt GXE	Asset # is refurbishment of 100161478 only. Refurbishment paid by Grant Original Asset owned by GM but has FMV > \$5K. Both to remain on grant.
1	100161476	WASHER BT 100045060 - REBUILD	\$ 19,919.68	-	Balt GXE	Asset # is refurbishment of 100045060 only. Refurbishment paid by Grant Original Asset owned by GM but has FMV > \$5K. Both to remain on grant.
1	100156237	C&B DOUBLE DISC GRINDER (BT# 100020602) - REFURB	\$ 35,045.27	-	Balt GXE	Asset # is refurbishment of 100020602 only. Refurbishment paid by Grant Original Asset owned by GM but has FMV > \$5K. Both to remain on grant.
1	100020599	FUNCTIONAL TEST MACHINE - VALVE BODY SUB-ASSEMBLY OP30 WITH KASER COMPRESSOR	\$ 816,449.84	\$ 6,000.00	Balt GXE	ASSET NOT PURCHASED WITH GRANT FUNDS - ONLY REFURBISHMENT SEE 100156233
1	100045064	WASHER - 2-STAGE - SUN GEARS HARD - MODEL H100	\$ 176,899.38	\$ 7,500.00	Balt GXE	ASSET NOT PURCHASED WITH GRANT FUNDS - ONLY REFURBISHMENT SEE 100161477

1	100045051	WASHER - 2-STAGE - PINION GEARS GREEN - MODEL H100	\$ 167,861.33	\$ 7,500.00	Balt GXE	ASSET NOT PURCHASED WITH GRANT FUNDS - ONLY REFURBISHMENT SEE 100161478
1	100045060	WASHER - 2-STAGE - SUN GEARS GREEN - MODEL H100	\$ 152,105.71	\$ 7,500.00	Balt GXE	ASSET NOT PURCHASED WITH GRANT FUNDS - ONLY REFURBISHMENT SEE 100161476
1	100045059	WASHER - 3-STAGE - PINION GEARS HARD - - MODEL H100	\$ 171,623.95	\$ 12,500.00	Balt GXE	ASSET NOT PURCHASED WITH GRANT FUNDS - ONLY REFURBISHMENT SEE 100161480
1	100045065	WASHER - 3-STAGE - RING GEARS HARD - MODEL H100	\$ 159,200.22	\$ 12,500.00	Balt GXE	ASSET NOT PURCHASED WITH GRANT FUNDS - ONLY REFURBISHMENT SEE 100161479
1	100002528	WASHER - 2-STAGE FOR RING GEARS GREEN - MODEL H100	\$ 138,733.15	\$ 12,500.00	Balt GXE	ASSET NOT PURCHASED WITH GRANT FUNDS - ONLY REFURBISHMENT SEE 100161475
1	100017540	DEBURRING MACHINE - HIGH PRESSURE ROBOTIZED - X20R PROGRAM	\$ 1,085,838.96	\$ 15,000.00	Balt GXE	ASSET NOT PURCHASED WITH GRANT FUNDS - ONLY REFURBISHMENT SEE 100156225 & 100165966
1	NIQC00691	SYNCHROFINE GEAR HONING MACHINE, TYPE HFSL 203	\$ 700,712.44	\$ 32,500.00	Balt GXE	ASSET NOT PURCHASED WITH GRANT FUNDS - ONLY REFURBISHMENT SEE 100156238

1	NIQC00692	SYNCHROFINE GEAR HONING MACHINE, TYPE HFSL 203	\$ 700,712.44	\$ 32,500.00	Balt GXE	ASSET NOT PURCHASED WITH GRANT FUNDS - ONLY REFURBISHMENT SEE 100156239
1	100020602	GRINDER-DOUBLE DISK - PINION GEARS W/ALL PARTS LOADING/UNLOAD	\$ 1,217,769.79	\$ 35,000.00	Balt GXE	ASSET NOT PURCHASED WITH GRANT FUNDS - ONLY REFURBISHMENT SEE 100156237
1	100161477	WASHER - BT 100045064 - REBUILD	\$ 15,791.31	NO VALUE	Balt GXE	Asset # is refurbishment of 100045064 only. Refurbishment paid by Grant Original Asset owned by GM but has FMV > \$5K. Both to remain on grant.
1	100156238	HONES BT# NIQC00691 - REFURB	\$ 189,091.43	NO VALUE	Balt GXE	Asset # is refurbishment of NIQC00691 only. Refurbishment paid by Grant—Original Asset owned by GM but has FMV > \$5K. Both to remain on grant.
1	100156239	HONES BT# NIQC00692 - REFURB	\$ 189,091.43	NO VALUE	Balt GXE	Asset # is refurbishment of NIQC00692 only. Refurbishment paid by Grant—Original Asset owned by GM but has FMV > \$5K. Both to remain on grant.
1	100161479	WASHER - BT 100045065 - REBUILD	\$ 17,488.65	NO VALUE	Balt GXE	Asset # is refurbishment of 100045065 only. Refurbishment paid by Grant Original Asset owned by GM but has FMV > \$5K. Both to remain on grant.
1	100161475	WASHER BT 100002528-REBUILD	\$ 12,890.07	NO VALUE	Balt GXE	Asset # is refurbishment of 100002528 only. Refurbishment paid by Grant Original Asset owned by GM but has FMV > \$5K. Both to remain on grant.

1	100156233	TEST STAND (VB) BT 100020599 REFURB	\$	158,159.67	NO VALUE	Balt GXE	Asset # is refurbishment of 100020599 only. Refurbishment paid by Grant Original Asset owned by GM but has FMV > \$5K. Both to remain on grant.
1	100156225	FLEXIBLE HP DEBURR - REFURBISH 100017540	\$	329,949.63	NO VALUE	Balt GXE	Asset # is refurbishment of 100017540 only. Refurbishment paid by Grant Original Asset owned by GM but has FMV > \$5K. Both to remain on grant. Has been reported on Q216 Idled Assets Listing - Planned reuse on Omega Program

Funk, Sheldon E.

From: Hinkle, Harold
Sent: Friday, June 23, 2017 8:39 AM
To: Funk, Sheldon E.
Subject: FW: DE-EE0002629 close out SF-428
Attachments: Final Property Report - SF-428 DE-EE0002629 6-21-17.pdf

I concur with the equipment list and the estimated FMV for each asset. Thank You sir.

From: Sean Campbell [mailto:sean.c.campbell@gm.com]
Sent: Wednesday, June 21, 2017 4:08 PM
To: Funk, Sheldon E. <Sheldon.Funk@NETL.DOE.GOV>
Cc: Hinkle, Harold <Harold.Hinkle@NETL.DOE.GOV>; Charles Gough <charles.gough@gm.com>
Subject: DE-EE0002629 close out SF-428

Sheldon,

Here is the updated SF-428. Please let me know if you need anything else for close out.

Regards,
Sean C. Campbell
Government Contracts
sean.c.campbell@gm.com

(b) (6)

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Funk, Sheldon E.

From: Hinkle, Harold
Sent: Friday, June 23, 2017 8:51 AM
To: Funk, Sheldon E.
Subject: FW: DE-EE0002629 Refurbished equipment
Attachments: Removal of refurbished equipment from SF428 letter Jun2017.pdf

I concur with the request by GM to not track refurbishment actions as equipment under the award. Thank You sir.

From: Sean Campbell [mailto:sean.c.campbell@gm.com]
Sent: Tuesday, June 20, 2017 5:25 PM
To: Funk, Sheldon E. <Sheldon.Funk@NETL.DOE.GOV>
Cc: Hinkle, Harold <Harold.Hinkle@NETL.DOE.GOV>; Charles Gough <charles.gough@gm.com>
Subject: DE-EE0002629 Refurbished equipment

Sheldon,

Please find the attached letter regarding the refurbished equipment.

Regards,
Sean C. Campbell
Government Contracts
sean.c.campbell@gm.com
(b) (6)

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Funk, Sheldon E.

From: Hinkle, Harold
Sent: Tuesday, June 20, 2017 8:28 AM
To: Funk, Sheldon E.
Subject: FW: EE0002629 Real Property
Attachments: Removal of Accountable Real Property from Personal Property list 6-19-17.pdf

I concur with the request to remove the Items noted in the GM letter from the property list.

From: Sean Campbell [mailto:sean.c.campbell@gm.com]
Sent: Monday, June 19, 2017 5:07 PM
To: Funk, Sheldon E. <Sheldon.Funk@NETL.DOE.GOV>
Cc: Hinkle, Harold <Harold.Hinkle@NETL.DOE.GOV>; Charles Gough <charles.gough@gm.com>
Subject: EE0002629 Real Property

Sheldon,

Please find the attached letter regarding accountable real property under DE-EE0002629.

Regards,
Sean C. Campbell
Government Contracts
sean.c.campbell@gm.com

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Rodriguez, Susan (CONTR)

From: Fitzsimmons, Alexander
Sent: Tuesday, November 27, 2018 2:26 PM
To: Szymanski, Jessica
Subject: RE: BBC re: GM subsidies?

(b) (5)

From: Szymanski, Jessica <Jessica.Szymanski@hq.doe.gov>
Date: Tuesday, Nov 27, 2018, 3:01 PM
To: Fitzsimmons, Alexander <Alexander.Fitzsimmons@ee.doe.gov>
Subject: FW: BBC re: GM subsidies?

(b) (5)

From: Szymanski, Jessica <Jessica.Szymanski@hq.doe.gov>
Date: Tuesday, Nov 27, 2018, 2:52 PM
To: Hynes, Shaylyn <Shaylyn.Hynes@hq.doe.gov>, Love, Kelly <Kelly.Love@hq.doe.gov>
Subject: FW: BBC re: GM subsidies?

(b) (5)

From: Natalie Sherman [mailto:Natalie.Sherman@bbc.co.uk]
Sent: Tuesday, November 27, 2018 2:26 PM
To: DOE NEWS <DOENews@hq.doe.gov>
Subject: [EXTERNAL] BBC re: GM subsidies?

Hi –

As you may be aware, the president has said on Twitter he is interested in cutting subsidies for GM, including for electric cars.

Has the department received instructions to review that program? I don't believe the president can simply eliminate that program by executive action. Is that correct? Are there any plans to ask Congress to cut that tax credit? Are there other subsidies for electric vehicles that GM is receiving that I should be aware of?

Any further detail you might be able to provide would be much appreciated.

Thank you,
Natalie

--

Natalie Sherman
BBC News
212.501.1545

<http://www.bbc.co.uk>

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Rodriguez, Susan (CONTR)

From: Gruse, Jessica (CONTR)
Sent: Tuesday, November 27, 2018 12:45 PM
To: Berube, Michael;Howell, David;Cooper, Christy
Cc: Garman, Sarah
Subject: FYI - Hill Article - Trump threatens to cut federal incentives for GM's electric cars

Hi! Sharing the following article for awareness in case there are legislative impacts.

Best,
Jess

<https://thehill.com/policy/energy-environment/418490-trump-threatens-to-cut-gms-electric-car-incentives>

Trump threatens to cut federal incentives for GM's electric cars

President Trump on Tuesday threatened to end General Motors Co.'s federal tax credit for electric vehicles in retaliation for the company's planned layoffs.

Trump tweeted that he is "very disappointed" with the company's plans to close up to five manufacturing plants — four of them in the United States, one in Canada — and lay off about 15 percent of its workforce.

"We are now looking at cutting all @GM subsidies, including ... for electric cars," he wrote.

Trump has blasted GM and its CEO, Mary Barra, since the Monday morning layoff announcements and has pledged to take action to prevent the job losses.

It's unclear what other subsidies might be targeted by Trump, whether he would focus only on GM or end the tax credit altogether. Ending the subsidy would require Congress to pass a new law.

The federal government provides a \$7,500 tax break to U.S. consumers who buy electric vehicles. Two GM vehicles qualify for the incentive: the all-electric Chevrolet Bolt and the plug-in hybrid Chevrolet Volt.

Larry Kudlow, Trump's top economic adviser, on Tuesday also mentioned potentially targeting the electric vehicle credit.

"We are going to be looking at certain subsidies regarding electric cars and others, whether they should apply or not. I can't say anything final about that, but we're looking into it," Kudlow told reporters in a White House briefing before Trump's tweet.

"Again, that reflects the president's own disappointment regarding these actions," he said of the plant closings.

At the same briefing, White House press secretary Sarah Huckabee Sanders was noncommittal on when Trump might make good on his threat.

"I don't know that there's a specific timeline," she said.

"As he said, he's looking into what those options might look like," she added. "The president wants to see American companies build cars here in America, not build them overseas, and he is hopeful that GM will continue to do that here." As of the third quarter of 2018, GM was less than 4,000 vehicles away from hitting the point at which federal tax credits start to phase out. The phase-out starts when a manufacturer sells 200,000 electric cars.

GM and other automakers are lobbying Congress to lift the 200,000-vehicle limit. Bills in both the House and Senate have been introduced but neither chamber has passed one of the measures.

Support for the tax credit generally falls along party lines, with Democrats in strong support and Republicans opposed. Nonetheless, Sen. Dean Heller (R-Nev.), who lost his reelection fight earlier this month, is the lead sponsor on one bill to lift the cap on the credit.

JESSICA GRUSE
EERE Legislative Affairs
U.S. Department of Energy | Redhorse

Rodriguez, Susan (CONTR)

From: Berube, Michael
Sent: Wednesday, November 28, 2018 2:16 PM
To: Cooper, Christy (Christy.Cooper@ee.doe.gov)
Subject: FW: [EXTERNAL] DAILY: Trump, Dingell raise heat on GM over job cuts | Ford cutting two shifts | Ghosn denies reports | Jeep Gladiator, Lincoln Aviator lead L.A. show | BMW mulls new U.S. plant | NACTOY finalists

Michael Berube, Director
Vehicle Technologies Office
Energy Efficiency and Renewable Energy
U.S. Department of Energy
Office: 202-586-8061
Mobile:(b) (6) [REDACTED]
www.vehicles.energy.gov

From: Automotive News [mailto:autonews@e.crainalerts.com]
Sent: Wednesday, November 28, 2018 4:59 PM
To: Berube, Michael <Michael.Berube@ee.doe.gov>
Subject: [EXTERNAL] DAILY: Trump, Dingell raise heat on GM over job cuts | Ford cutting two shifts | Ghosn denies reports | Jeep Gladiator, Lincoln Aviator lead L.A. show | BMW mulls new U.S. plant | NACTOY finalists

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Trump is asking agencies to look at GM subsidy cuts

President Trump has asked federal agencies to look for ways to cut subsidies to GM following the automaker's plans to close factories

and lay off thousands of workers, Bloomberg reported.



Longtime GM ally Dingell slams restructuring plan

Rep. Debbie Dingell, one of the automotive industry's staunchest supporters in Congress and a former GM executive, chastised the company for its decision to idle or close U.S. assembly plants.



Two Ford plants losing shifts, but no layoffs planned

Ford said it will eliminate shifts at assembly plants in Michigan and Kentucky but give all affected workers jobs at other locations nearby.

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Year-End Strategies for Strong Used Car Profits.

Strong used auto sales have meant increased loan demand for credit unions this year. How can dealers successfully tap into this trend and keep the momentum going? Bob Child, COO of CU Direct, outlines key strategies dealers can employ to help ensure strong used car profits now and into 2019. [Learn More.](#)



Ghosn denies reports he passed trading losses to Nissan

Carlos Ghosn consulted Nissan about the collateral related to personal trading losses but did not transfer the losses to the automaker, his lawyer said.



2018 LOS ANGELES AUTO SHOW

Gladiator fulfills Jeep's long-delayed dreams of a pickup

Fiat Chrysler's Jeep, after a nearly 14-year tease of just-over-the-horizon promises and someday-soon product plans, showed the first production pickup to carry the brand's name in a generation: the 2020 Gladiator.

Lincoln ready for 'takeoff' with Aviator crossover

BMW weighs U.S. engine, transmission plant

VW expands electric lineup with big, small cargo haulers

2018 LOS ANGELES AUTO SHOW

Prius AWD-e, Corolla Hybrid underscore Toyota's pledge to cars

Honda seeks off-road chops with revived Passport

Nine vehicles named North American Car, Truck and Utility of the Year finalists

KAR agrees to buy European online auction service for \$176 million

BMW X5, in marketing stunt, drives in the straightest line possible across U.S.

BMW, after 10-year wait, rolls out 3-row monster SUV

Audi e-tron GT concept: Fast charging, supercar-like handling

Porsche boosts hp on retooled 911

High-tech Mazda3 packs 5 engines, new styling, bevy of safety features

Michael Cook, former Triumph and Jaguar PR man, dies at 85

Trump's threat to kill GM subsidies prompts skepticism

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GM's plan only partly solves gap between capacity and sedan demand

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Even the president can't stop market forces

GM plans to sell hotel across from Detroit headquarters

Martinrea to close Ontario plant in wake of GM cuts, report says

Here's how and when GM will wind down Oshawa production in 2019

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BLOG: ANDREA MALAN

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Ford seeks to skirt tariffs by speeding China-built Lincoln plan

Ford's Detroit campus plan wins state tax breaks

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2020 Lincoln Aviator

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2020 Jeep Gladiator

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Audi e-tron GT concept

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Rodriguez, Susan (CONTR)

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