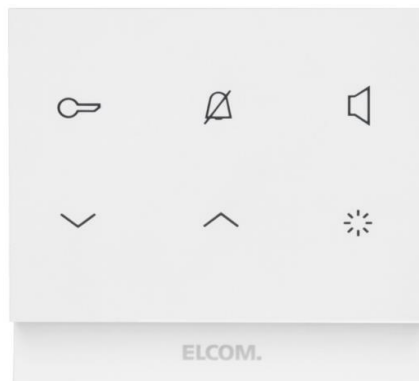




Product Environmental Profile

Complete audio indoor station white polar shiny angular



Company information

Hager
132 Boulevard d'Europe
F 67215 Obernai Cedex
www.hagergroup.com

A question concerning the Product Environmental Profile: info@hager.com

References covered

For the complete list of the covered references, see details in Appendix 1.

Methodology

PEP has been performed according to the PCR version PEP-PCR-ed4-2021 09 06 and PSR version PSR-0005-ed3.1-2023 12 08 issued by the PEP ecopassport program.
For further information, please see the website of the program www.pep-ecopassport.org

Reference product

Reference product identification
REK221Y

Use scenario based on :
PSR product Category : PSR-0005-ed3.1-2023 12 08
3.15. Other Equipment - Active Products

Functional unit

Provide two-way audio communication between the indoor station and the door entry system under normal operating conditions for a reference lifetime of 10 years.

The functional unit is based on the use scenario recommended by the PCR for the category of the reference product.

Materials and substances

All useful measures have been adopted to ensure that the materials used in the composition of the product do not contain any substances banned by the legislation in force at the time of marketing.

Plastics			Metals			Others		
	g	%		g	%		g	%
ABS	22.20	7.6%	Stainless steel	30.62	10.5%	Paper	100.00	34.2%
PC	22.20	7.6%	Steel	7.64	2.6%	Cardboard	52.73	18.0%
PA66	6.54	2.2%	Copper	4.75	1.6%	Wood	6.91	2.4%
PET	5.58	1.9%	Steel	2.56	0.9%	Paper	2.55	0.9%
Silicon rubber	2.90	1.0%	Aluminium	2.52	0.9%	Glass	2.35	0.8%
Other	8.29	2.8%	Other	6.23	2.1%	Other	5.82	2.0%
Total mass of reference product with raw material packaging :			292.39 g					
Total mass of reference product (Product + packaging)			276.21 g					

System Boundaries

The environmental information included in the PEP covers all the stages of the life cycle, from "cradle to grave".

Manufacturing			Distribution	Installation	Use							End of life				Module D
Raw material extraction and processing	Transport to the manufacturer	Manufacturing	Distribution to the place of operation	Installation on the place of operation	Use or application of the product installed	Maintenance	Repair	Replacement	Restoration	Energy requirements during the use stage	Water requirements during the use stage	Deinstallation	Transport to the waste treatment site	Treatment of waste in view of its reuse, recovery and/or recycling	Disposal	Benefits and loads beyond the system boundaries
A1	A2	A3	A4	A5	B1	B2	B3	B4	B5	B6	B7	C1	C2	C3	C4	D
Life cycle stages																

Manufacturing

These products are manufactured by a site that has received an environmental certification ISO 14001.

This phase takes into account raw materials, manufacturing processes, production offcuts and their end-of-life treatment, upstream transport of materials and sub-assemblies to the manufacturing site, and transport from the manufacturing site to the final logistics platform.

Distribution

The packaging has been designed in accordance with current regulations. In particular, the European directive 94/62/CE relative to packaging and packaging waste.

The used packaging is 100% recyclable or recoverable. Packaging and logistic flows are continuously improved in order to reduce their impact.

This phase taken into account the transport of the finished product, including packaging, to its place of use.

Installation

Installation processes

The processes to install the product are not considered in this study because of their weak impact compared to the other life cycles steps.

This phase only take into account the impact of the packaging waste treatment is taken account.

Installation elements (non delivered with the product)

Elements non delivered with the product and needed to install the product are not considered.

Use

Power loss / load dependent			
Active mode		Inactive mode	
Watt	% of time	Watt	% of time
0	100.0%	0	0.0%

Power consumption / not load dependent					
Active Sleep phase		Passive Sleep phase		Turn off phase	
Watt	% of time	Watt	% of time	Watt	% of time
0.53	1.0%	0.193	99.0%	0	0.0%

This corresponds to a total energy consumption of 17.20 kWh for the use span of 10 years.

Energy model of the use phase :

Europe

Consumables and maintenance :

None

End of life

Considering the complexity of the recycling channels for electric and electronic equipment impacts, we rely mainly on ESR modules (datasets for WEEE product end of life).

The recycling potential of the product is: 52%. The calculation of this rate is based on the method of the IEC/TR 62635.

Environmental impacts

Evaluation of the environmental impact covers the following life cycle stages: raw materials + manufacturing (RMM), distribution (D), installation (I), use (U) and end of life (EoL).

All calculations are done with EIME software version 6.2.4-11 with the database version CODDE-2024-04 .

Indicators set : Indicators for PEF EF 3.1 (Compliance: PEP ed.4, EN15804+A2) v2.0

PEP representative of the covered products marketed in: Europe

Energy models considered for each phase

Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4
Europe	-	Europe	Europe	Europe

Environmental impact indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Acidification (PEF-AP)	mole H+ eq.	4.71E-02	3.09E-04	4.53E-04	3.11E-02	9.62E-04	7.99E-02	-2.01E-03
Climate change - Total (PEF-GWP)	kg CO2 eq.	7.35E+00	4.87E-02	2.01E-01	6.06E+00	2.36E-01	1.39E+01	-8.71E-02
Climate change-Biogenic (PEF-GWPb)	kg CO2 eq.	-2.21E-01	0.00E+00	3.79E-02	1.12E-02	1.08E-02	-1.61E-01	-4.38E-03
Climate change-Fossil (PEF-GWpf)	kg CO2 eq.	7.57E+00	4.87E-02	1.63E-01	6.05E+00	2.25E-01	1.41E+01	-8.27E-02
Climate change-Land use and land use change (PEF-GWPlu)	kg CO2 eq.	3.51E-05	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.51E-05	0.00E+00
Ecotoxicity, freshwater (PEF-CTUe)	CTUe	1.91E+02	3.19E-02	2.35E+00	1.15E+01	3.22E+00	2.08E+02	-6.45E-01
EF-particulate Matter (PEF-PM)	Incidence of diseases	2.57E-07	2.51E-09	2.71E-09	2.50E-07	9.19E-09	5.22E-07	-9.83E-09
Eutrophication, freshwater (PEF-Epf)	kg P eq.	2.59E-05	1.83E-08	2.24E-06	1.60E-05	3.91E-06	4.81E-05	-1.58E-04
Eutrophication, marine (PEF-Epm)	kg N eq.	5.43E-03	1.45E-04	2.16E-04	3.78E-03	2.46E-04	9.82E-03	-1.28E-04
Eutrophication, terrestrial (PEF-Ept)	mole of N eq.	5.79E-02	1.59E-03	1.35E-03	6.08E-02	1.61E-03	1.23E-01	-1.56E-03
Human toxicity, cancer (PEF-CTUh-c)	CTUh	1.44E-08	8.57E-13	1.80E-08	7.62E-10	2.15E-08	5.47E-08	-2.13E-09
Human toxicity, non-cancer (PEF-CTUh-nc)	CTUh	9.43E-08	1.66E-11	5.26E-10	1.82E-08	6.41E-09	1.19E-07	-2.05E-08
Ionising radiation, human health (PEF-IR)	kg Bq U235 eq.	2.44E+01	1.19E-04	2.43E-02	8.72E+00	7.54E-03	3.31E+01	-1.64E-04
Land use (PEF-LU)	No dimension	1.38E-01	0.00E+00	4.35E-04	1.68E-01	3.33E-01	6.39E-01	-3.28E-01
Ozone depletion (PEF-ODP)	kg CFC-11 eq.	8.12E-07	7.48E-11	2.09E-09	2.94E-08	1.50E-08	8.59E-07	1.15E-09
Photochemical ozone formation - human health (PEF-POCP)	kg of NMVOC eq.	1.90E-02	4.01E-04	3.14E-04	1.19E-02	4.76E-04	3.21E-02	-5.33E-04
Resource use, fossils (PEF-ADPf)	MJ	9.47E+01	6.80E-01	1.55E+00	1.53E+02	2.14E+00	2.52E+02	-6.00E-01
Resource use, minerals and metals (PEF-ADPe)	kg Sb eq.	4.90E-04	1.92E-09	3.79E-09	2.14E-06	1.04E-06	4.93E-04	-8.75E-06
Water use (PEF-WU)	m3 eq.	1.90E+00	1.85E-04	1.22E-02	4.64E-01	7.32E+01	7.56E+01	-1.29E+02

Resource use indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Net use of fresh water	m3	4.41E-02	4.31E-06	2.83E-04	1.09E-02	1.81E+00	1.87E+00	-2.96E+00
Total primary energy	MJ	1.01E+02	6.81E-01	1.75E+00	1.94E+02	2.38E+00	2.99E+02	-8.88E-01
Total non renewable primary energy	MJ	9.47E+01	6.80E-01	1.55E+00	1.53E+02	2.14E+00	2.52E+02	-6.00E-01
Total renewable primary energy	MJ	5.99E+00	9.08E-04	2.06E-01	4.05E+01	2.39E-01	4.69E+01	-2.88E-01
Non renewable primary energy used as energy	MJ	9.20E+01	6.80E-01	1.55E+00	1.53E+02	2.14E+00	2.49E+02	-6.00E-01
Non renewable primary energy used as raw material	MJ	2.62E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.62E+00	0.00E+00
Use of non renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Renewable primary energy used as energy	MJ	3.31E+00	9.08E-04	2.06E-01	4.05E+01	2.39E-01	4.43E+01	-2.88E-01
Renewable primary energy used as raw material	MJ	2.68E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.68E+00	0.00E+00
Use of renewable secondary fuels	MJ	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Use of secondary material	kg	3.23E-06	0.00E+00	0.00E+00	0.00E+00	0.00E+00	3.23E-06	0.00E+00

Waste category indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Hazardous waste disposed	kg	8.40E+00	0.00E+00	3.98E-03	2.66E-01	2.58E-02	8.70E+00	1.70E-20
Non hazardous waste disposed	kg	1.95E+00	1.71E-03	6.69E-02	1.02E+00	8.92E-03	3.05E+00	6.49E-20
Radioactive waste disposed	kg	7.52E-04	1.22E-06	8.02E-06	2.35E-04	2.66E-07	9.97E-04	0.00E+00

Output flow indicators

Indicators	Unit	Manufacturing A1-A3	Distribution A4	Installation A5	Use B1-B7	End Of Life C1-C4	GLOBAL	Module D
Components for re-use	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Exported energy	MJ	2.33E-03	0.00E+00	0.00E+00	0.00E+00	0.00E+00	2.33E-03	0.00E+00
Materials for energy recovery	kg	3.15E-03	0.00E+00	1.34E-02	0.00E+00	4.49E-05	1.66E-02	0.00E+00
Materials for recycling	kg	1.52E-02	0.00E+00	0.00E+00	0.00E+00	0.00E+00	1.52E-02	0.00E+00

Biogenic carbon content

Packaging	Unit	Cardboard	Paper	Wood	Sum
Biogenic carbon content (ratio)	%	2.80E+01	3.78E+01	3.95E+01	
Mass	kg	5.27E-02	1.03E-01	6.91E-03	1.62E-01
Biogenic carbon content (declared unit)	kg of C	1.48E-02	3.88E-02	2.73E-03	5.63E-02
Biogenic carbon content (functional unit)	kg of C	1.48E-02	3.88E-02	2.73E-03	5.63E-02
Source		ADEME	APESA/RECORD	EN 16485	

Product	Unit	Cardboard	Paper	Wood	Sum
Mass	kg	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (declared unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00
Biogenic carbon content (functional unit)	kg of C	0.00E+00	0.00E+00	0.00E+00	0.00E+00

Extrapolation rules

Additional references (see Appendix) covered by PEP, the environmental impacts for each phase and indicator are derived from life-cycle analysis (LCA). The impact values are either directly calculated by LCA or by extrapolation following PEP Ecopassport rules. However, some of the detailed conditions applied in those cases may differ from the main reference.

Verification

Registration N°: HAGE-01415-V01.01-EN	Drafting Rules	PEP-PCR-ed4-2021 09 06
	Supplemented by	PSR-0005-ed3.1-2023 12 08
Verifier accreditation N°: VH65	Information and reference documents: www.pep-ecopassport.org	
Date of issue: 11-2025	Validity period:	5 years
Independent verification of the declaration and data, in compliance with ISO 14025 : 2006		
Internal ☒ External ☐		
The PCR review was conducted by a panel of experts chaired by Julie Orgelet (DDemain)		
PEPs are compliant with XP C08-100-1:2016 or EN 50693:2019		
The elements of the present PEP cannot be compared with elements from another program.		
Document in compliance with ISO 14025 : 2006 « Environmental labels and declarations. Type III environmental declarations »		



Nota :
The picture has no contractual value.
All numerical values indicated in this document may vary and depend of many factors such as the tolerance related to materials, the usage and environment conditions of the products, installation characteristics ... , real values for a product in a concrete application may therefore change.
The usage time mentioned in this document is an average duration chosen for the need of the calculations. This value cannot be assimilated to the minimum, average or real life time.
The responsibility of the company, issuing this document, can never be engaged if differences would be noticed between the values given by this document and real ones, whatever the causes and/or consequences would be.

Appendix

Manufacturing
A1-A3

		Addition (PEF-AP) - [mole H+ eq.]	Climate change - Total (PEF-GWP) - [kg CO2 eq.]	Climate change-Biogenic (PEF-GWPb) - [kg CO2 eq.]	Climate change-Fossil (PEF-GWPl) - [kg CO2 eq.]	Climate change-Land use and land use change (PEF-GWPU) - [kg CO2 eq.]	Components for re-use - [kg]	Ecotoxicity, freshwater (PEF-CTUe) - [CTUe]	Eutrophication, freshwater (PEF-Ep) - [kg P eq.]	Eutrophication, marine (PEF-Epm) - [kg N eq.]	Eutrophication, terrestrial (PEF-Ept) - [mole of N eq.]	Exported energy - [MJ]	Hazardous waste disposed - [kg]	Human toxicity, cancer (PEF-CTUh-c) - [CTUh]	Human toxicity, non-cancer (PEF-CTUh-n-c) - [CTUh]	Ionising radiation, human health (PEF-IR) - [kg Bq U235 eq.]	Land use (PEF-LU)	Materials for energy recovery - [kg]	Materials for recycling - [kg]	Net use of fresh water - [m3]	Non hazardous waste disposed - [kg]	Non renewable primary energy used as energy - [MJ]	Non renewable primary energy used as raw material - [MJ]	Ozone depletion (PEF-ODP) - [kg CFC-11 eq.]	EF-particulate Matter (PEF-PM) - [Incidence of disease]	Photochemical ozone formation - human health (PEF-POCP) - [kg of NMVOC eq.]	Radioactive waste disposed - [kg]	Renewable primary energy used as energy - [MJ]	Renewable primary energy used as raw material - [MJ]	Resource use, fossils (PEF-ADPl) - [MJ]	Resource use, minerals and metals (PEF-ADRe) - [kg Sb eq.]	Total non renewable primary energy - [MJ]	Total primary energy - [MJ]	Total renewable primary energy - [MJ]	Use of non renewable secondary fuels - [MJ]	Use of renewable secondary fuels - [MJ]	Use of secondary material - [kg]	Water use (PEF-WU) - [m3 eq.]
REK221Y	4,716.02	7,305.00	-2,215.01	7,575.00	3,515.05	0.000e+00	1,975.02	2,555.05	5,435.05	5,755.02	2,335.01	8,435.00	1,445.00	5,435.00	2,445.01	1,385.01	3,155.03	1,025.02	4,415.02	1,985.00	9,255.00	2,635.00	8,125.01	2,575.01	1,905.02	7,525.04	3,315.00	2,655.00	9,475.01	4,905.04	5,475.01	1,015.02	5,955.00	0.000e+00	0.000e+00	3,235.00	1,505.00	
1000141	1,315.01	1,495.01	-1,555.01	1,545.01	4,025.00	0.000e+00	3,385.01	1,125.04	1,345.02	1,285.01	9,155.00	3,265.01	2,135.01	5,385.01	4,885.01	2,955.01	1,265.01	8,445.02	1,415.01	6,435.01	2,245.00	9,885.00	1,755.00	7,835.01	4,375.02	2,175.02	7,435.00	3,255.00	2,345.02	1,655.02	2,335.01	2,415.02	1,115.01	0.000e+00	0.000e+00	7,385.00	8,145.00	
1000142	1,835.01	2,035.01	-1,945.01	2,245.01	7,935.00	0.000e+00	3,385.01	1,145.04	1,315.02	1,305.01	1,165.02	3,725.01	2,075.01	5,445.01	5,115.01	5,545.01	1,605.02	1,485.01	2,055.01	8,725.00	3,255.00	1,155.01	2,935.00	1,365.04	3,335.02	2,275.01	1,025.01	3,805.00	3,385.02	2,115.01	3,385.02	3,055.02	1,985.01	0.000e+00	0.000e+00	7,645.00	8,515.00	
1001511	1,475.01	1,695.01	-3,915.01	1,725.01	2,895.00	0.000e+00	5,995.01	1,405.04	1,285.02	1,385.01	9,285.01	2,445.01	2,335.01	6,775.01	5,345.01	3,035.01	1,255.02	4,635.02	1,985.01	6,285.00	2,425.00	1,335.01	2,935.00	6,945.01	4,885.02	2,495.01	6,325.00	4,885.00	2,555.02	1,325.01	2,335.01	2,655.02	1,125.01	0.000e+00	0.000e+00	7,085.00	6,895.00	
1001531	2,455.01	3,115.01	-1,085.00	3,225.01	5,695.00	0.000e+00	3,455.01	1,035.04	1,465.02	1,395.01	1,985.02	5,975.01	3,035.01	6,985.01	7,485.01	5,385.01	2,865.02	1,125.01	2,155.01	1,285.01	4,725.00	1,375.00	3,145.00	1,935.04	6,975.02	3,345.01	1,485.01	1,975.01	4,655.00	2,165.01	4,835.01	3,185.02	3,055.01	0.000e+00	0.000e+00	1,535.00	1,115.01	
1001801	1,795.01	2,075.01	-2,815.01	2,235.01	4,545.00	0.000e+00	3,815.01	1,315.04	1,175.02	1,885.01	1,115.02	3,885.01	2,135.01	6,235.01	5,985.01	3,435.01	1,305.02	1,485.01	1,885.01	8,895.00	3,225.00	1,085.01	2,185.00	1,265.04	6,265.02	2,135.01	9,945.00	4,365.00	3,365.02	2,185.01	3,385.02	3,435.02	1,915.01	0.000e+00	0.000e+00	8,035.00	7,075.00	
1001901	1,885.01	2,045.01	-2,345.01	2,235.01	6,745.00	0.000e+00	3,825.01	1,335.04	1,165.02	1,915.01	1,035.02	3,785.01	2,115.01	6,285.01	4,885.01	4,835.01	1,415.02	1,415.01	1,885.01	8,845.00	3,185.00	1,135.01	1,835.00	1,345.02	6,425.01	2,435.01	1,015.01	4,275.00	3,335.02	2,115.01	3,345.02	3,485.02	1,915.01	0.000e+00	0.000e+00	7,545.00	8,375.00	
1002211	1,835.01	2,045.01	-4,265.01	2,895.01	1,235.04	0.000e+00	3,765.02	9,165.00	2,235.02	2,245.01	1,085.02	3,695.01	1,825.01	5,965.01	3,755.01	4,365.01	1,475.02	4,345.01	1,935.01	1,025.01	4,165.02	9,335.00	2,945.00	1,215.04	7,285.01	2,815.01	1,175.01	6,005.00	4,095.02	7,935.01	4,245.01	4,245.02	2,165.01	0.000e+00	0.000e+00	7,475.00	7,785.00	
1020411	1,775.01	2,935.01	-2,495.01	2,985.01	5,245.00	0.000e+00	1,185.04	4,975.00	2,325.01	2,375.01	9,995.01	1,605.01	6,945.00	1,625.01	2,455.01	2,255.01	1,355.02	3,245.01	1,975.01	1,335.02	3,825.00	2,745.00	1,985.00	1,275.04	7,345.02	1,185.02	2,125.01	6,005.00	3,855.02	6,055.04	3,895.01	4,125.02	2,725.01	0.000e+00	0.000e+00	1,155.00	8,485.00	
120411	3,865.02	5,995.00	-4,275.02	5,915.00	4,215.00	0.000e+00	4,965.02	1,965.05	4,275.01	4,815.02	1,075.01	1,235.01	1,235.00	1,225.01	5,735.01	1,445.03	3,255.03	3,815.02	1,335.00	7,825.01	4,245.00	7,215.01	1,755.01	1,505.02	5,385.04	2,725.00	1,945.01	7,955.01	1,175.01	5,785.04	8,885.01	3,285.00	0.000e+00	0.000e+00	4,245.00	1,735.00		
1204310	2,185.02	3,275.00	-4,495.01	3,385.00	2,135.00	0.000e+00	3,375.01	1,065.00	2,425.02	2,985.01	1,365.00	2,825.00	1,425.01	5,785.00	4,515.01	7,785.00	1,845.03	1,645.00	1,885.02	6,385.01	4,655.01	2,135.00	3,425.01	1,225.01	8,715.00	4,025.04	1,495.00	8,725.01	4,685.01	5,785.04	4,885.01	5,935.01	2,275.00	0.000e+00	0.000e+00	2,795.00	7,255.01	
1204313	3,435.02	7,765.00	-5,235.02	7,825.00	2,165.00	0.000e+00	3,785.04	2,595.00	4,875.01	4,835.02	1,325.01	2,535.01	1,275.01	1,745.01	6,335.01	7,975.02	1,795.03	1,545.00	6,335.02	3,975.00	1,185.00	2,945.00	1,185.04	1,975.01	1,915.02	1,655.02	4,495.00	8,665.01	1,185.02	1,425.01	1,185.04	1,245.02	5,795.00	0.000e+00	0.000e+00	1,735.04	2,725.00	
1301200	1,005.01	1,225.01	-1,595.01	1,375.01	6,575.00	0.000e+00	3,375.02	2,945.00	1,625.01	1,175.01	5,135.02	2,245.01	5,875.01	2,175.01	3,185.01	4,115.01	6,965.03	7,225.02	1,025.01	4,915.00	1,905.00	5,885.00	1,185.04	5,415.01	3,945.02	1,235.01	5,925.00	2,965.00	2,015.02	1,415.01	1,985.02	2,175.02	9,225.00	0.000e+00	0.000e+00	3,385.00	4,345.00	
1308100	3,265.02	4,475.00	-1,105.01	4,595.00	7,305.01	0.000e+00	3,965.03	1,955.01	1,005.00	3,025.02	3,885.02	3,475.01	4,895.00	2,725.00	6,925.01	1,515.01	5,135.02	4,745.00	3,925.01	3,975.00	8,815.01	9,695.00	4,995.01	1,885.01	1,375.02	9,925.04	1,925.00	7,775.01	4,925.04	7,775.01	1,195.01	3,945.00	0.000e+00	0.000e+00	1,325.00	1,025.00		
1308810	3,265.02	4,395.00	-1,085.01	5,035.00	6,985.00	0.000e+00	3,215.01	1,105.00	3,385.01	4,215.02	4,695.03	5,795.00	2,385.00	6,785.00	5,025.01	2,965.01	5,565.03	4,865.00	2,915.02	1,985.00	3,895.00	1,145.01	4,575.01	1,875.01	1,415.02	1,135.02	2,965.00	2,105.00	8,595.01	6,675.00	8,595.01	6,975.01	4,695.00	0.000e+00	0.000e+00	3,495.01	1,285.00	
1309010	4,425.01	7,535.00	-1,995.01	7,425.00	3,945.00	0.000e+00	5,815.02	1,985.00	3,735.02	6,935.02	3,345.01	5,775.00	4,115.00	1,265.01	1,945.01	3,895.02	3,985.00	2,935.02	4,475.02	2,425.00	1,145.00	5,175.00	6,015.01	1,095.01	1,825.02	1,125.01	4,395.00	2,715.00	1,955.02	4,895.04	1,995.00	1,345.02	8,625.00	0.000e+00	0.000e+00	6,645.00	1,775.00	
1400014	3,515.02	4,385.00	-3,895.02	4,195.00	6,575.00	0.000e+00	4,415.02	1,735.00	3,385.02	3,415.02	1,365.04	5,775.00	7,445.00	8,885.00	8,725.00	3,885.02	1,285.03	3,015.03	3,195.02	1,985.00	8,895.01	1,595.00	5,335.01	1,795.01	9,575.03	4,355.04	2,985.00	6,115.01	5,335.01	3,985.04	5,255.01	5,485.01	3,175.00	0.000e+00	0.000e+00	2,445.00	1,485.00	
1400030	4,275.02	5,885.00	-4,495.01	6,935.00	1,025.00	0.000e+00	4,915.02	2,465.00	4,255.01	4,225.01	1,185.00	5,225.00	1,845.01	6,025.00	9,785.00	6,185.02	1,485.03	1,835.02	1,985.00	7,355.00	2,225.00	5,275.01	2,335.01	1,325.02	5,845.04	2,965.00	1,295.00	7,185.01	4,515.04	6,895.01	6,425.01	3,475.00	0.000e+00	0.000e+00	3,375.00	1,935.00		
1400040	3,375.02	4,685.00	-4,935.02	4,695.00	7,025.00	0.000e+00	3,985.00	3,895.02	3,985.04	4,885.00	1,625.00	3,235.00	4,885.00	1,625.00	3,235.00	3,385.02	1,365.03	1,715.02	3,015.02	1,415.00	8,825.00	1,485.00	3,575.01	2,945.01	1,175.02	3,995.04	2,945.00	1,185.00	6,475.01	3,985.04	6,225.01	4,485.01	3,245.00	0.000e+00	0.000e+00	2,285.00	1,435.00	
1400060	2,995.02	5,145.00	-4,915.03	5,795.00	8,295.00	0.000e+00	4,985.02	2,385.00	3,785.01	3,335.01	1,115.00	4,335.00	1,275.01	6,915.00	2,145.01	6,135.02	1,425.03	1,715.02	2,895.02	1,275.00	6,325.01	2,225.00	4,895.01	1,775.01	1,285.02	5,095.04	2,345.00	5,765.01	6,305.01	4,185.04	6,245.01	6,895.01	3,285.00	0.000e+00	0.000e+00	2,795.00	1,185.00	
1400100	3,885.01	5,025.00	-4,185.02	5,135.00	7,765.00	0.000e+00	1,135.02	1,785.00	3,765.01	4,085.01	6,115.04	5,795.00	9,265.00	7,485.00	1,005.01	4,235.01	1,325.03	2,175.01	3,415.01	1,185.00	8,735.01	1,725.00	5,775.01	1,805.01	1,185.02	4,755.04	2,165.00	1,605.01	6,285.01	3,985.04	6,225.01	6,235.01	3,175.00	0.000e+00	0.000e+00	3,435.00	1,985.00	
1400110	3,385.02	5,235.00	-4,845.01	5,245.00	1,565.00	0.000e+00	1,815.01	8,235.00	3,485.01	3,745.02	4,485.04	6,115.00	2,135.00	4,875.00	3,445.00	5,685.02	6,965.04	5,215.04	2,895.02	1,185.00	6,125.01	9,395.01	6,245.01	2,975.01	1,225.02	5,195.04	2,985.00	1,365.01	6,185.01	3,375.04	6,185.01	6,495.01	2,735.00	0.000e+00	0.000e+00	8,035.00	1,125.00	
1400204	3,145.02	4,995.00	-3,745.02	4,885.00	3,295.00	0.000e+00	3,445.00	1,875.00	3,385.02	2,995.02	1,025.01	4,525.00	1,115.00	8,835.00	1,495.01	3,735.02	2,385.02	2,875.03	2,895.02	1,185.00	8,815.01	1,845.00	5,615.01	1,885.01	1,295.01	5,185.04	2,125.00	3,365.01	6,525.01	3,975.04	6,475.01	7,185.01	3,195.00	0.000e+00	0.000e+00	3,195.00	1,745.00	
1400210	3,435.02	5,475.00	-5,665.02	5,115.00	3,315.00	0.000e+00	3,955.02	3,395.00	3,425.01	4,095.02	1,045.00	4																										

	REA117S	5.1152	8.1845	-7.4752	8.0793	4.2963	0.0000	4.7163	2.8854	5.9542	6.2852	1.4823	1.2964	1.2826	1.2357	2.4891	1.9151	2.0824	1.9252	5.5452	1.9759	1.0593	2.8394	8.7751	2.6857	2.8922	6.6454	3.7629	8.2651	1.0293	1.0452	1.0252	1.1192	3.9749	0.0000	0.0000	5.7194	2.9543	
	REA118S	6.1152	8.1845	-8.3252	8.0793	4.2963	0.0000	4.6762	2.8854	5.9582	6.2852	1.5452	1.2964	1.4258	1.2267	2.4891	1.9151	2.1653	1.3652	5.5452	2.9899	1.0593	2.8394	8.7817	2.7157	2.8922	6.6354	4.0509	8.3651	1.0292	1.0451	1.0252	1.1202	4.0954	0.0000	0.0000	5.7194	2.9543	
	REA121Y	5.4152	8.2759	-1.9851	8.2359	4.3259	0.0000	2.2652	2.8854	6.4452	6.9852	1.9452	1.4759	1.4326	1.2267	2.4291	1.7951	1.9452	1.3252	5.7052	2.1952	1.1152	2.7359	8.9551	2.8757	2.2452	6.9454	3.9899	1.3059	1.1592	1.0852	1.1452	1.1152	4.7759	0.0000	0.0000	5.3594	2.9754	
	REA125Y	5.5352	8.3459	-1.9851	8.3359	4.3559	0.0000	2.2652	2.8854	6.5352	7.1452	1.9452	1.4759	1.4326	1.2267	2.4291	1.7951	2.0452	1.3252	5.9152	2.1952	1.1252	2.7359	8.9551	2.8757	2.2452	6.9354	3.9899	1.3059	1.1592	1.0852	1.1452	1.1152	5.2152	0.0000	0.0000	5.3594	2.9859	
	REA654X	1.8154	2.3857	-8.3154	2.4354	1.9154	0.0000	7.8654	8.6854	2.0352	2.3154	1.3352	3.7857	1.8157	2.2457	5.1857	8.1257	1.6352	2.3751	1.8857	1.0257	3.7359	8.6857	2.9459	1.1354	6.8252	2.3152	1.1857	1.2154	3.8752	1.7352	3.8354	4.0352	2.7857	0.0000	0.0000	6.8457	7.4852	
	REA654Y	7.7352	1.1951	-1.2751	1.1151	6.1351	0.0000	2.2552	4.0153	8.3253	8.6852	2.2353	1.6857	2.8458	1.4457	2.8851	3.3251	3.5653	1.5652	7.0352	2.9459	1.4752	4.1959	1.9358	4.2357	2.9452	1.1252	5.8159	1.9559	1.5152	1.0153	1.5152	1.5852	7.9759	0.0000	0.0000	6.2859	3.3259	
	REA658S	7.8852	1.1451	-8.3351	1.1151	6.1351	0.0000	2.2552	3.9753	8.3253	8.6852	3.0253	1.6857	2.8958	1.4457	2.8751	3.3251	3.5653	1.6052	6.8252	2.9459	1.5352	4.1959	1.9358	4.3457	2.9252	1.1253	5.8159	1.9259	1.5152	1.0153	1.5152	1.6852	7.1259	0.0000	0.0000	6.2859	3.3259	
	REA657S	8.4352	1.1951	-1.2651	1.1151	6.1351	0.0000	2.2552	3.9853	8.3253	8.6852	3.0353	1.6857	2.8758	1.4457	2.8751	3.3251	3.5653	1.5952	6.8352	2.9459	1.5352	4.1959	1.9358	4.3457	2.9252	1.1153	5.8259	1.9259	1.5152	1.0153	1.6852	7.1759	0.0000	0.0000	6.2859	3.3259		
	REA658S	7.8352	1.1951	-7.9452	1.1851	6.1351	0.0000	2.2552	3.9853	8.3253	8.6852	3.0353	1.6857	2.7458	1.4457	2.8751	3.3251	3.5653	1.6052	6.8352	2.9859	1.5452	4.2359	1.9358	4.3457	2.9252	1.1253	5.8259	1.9259	1.6052	1.0153	1.6852	1.6752	7.1759	0.0000	0.0000	6.2859	3.3259	
	REA661Y	7.7352	1.1151	-7.2851	1.1151	6.1351	0.0000	2.2552	4.0153	8.3153	8.6852	2.8453	1.6857	2.8458	1.4457	2.7357	3.3251	3.5753	1.5852	7.0352	2.9459	1.4852	4.2359	1.9358	4.2657	2.9452	1.1253	5.8259	1.9559	1.5152	1.0153	1.5152	1.6852	7.9859	0.0000	0.0000	6.3259	3.3259	
	REA665Y	7.7352	1.1151	-1.2751	1.1151	6.1351	0.0000	2.2552	4.0153	8.3253	8.6852	2.2353	1.6857	2.8458	1.4457	2.8851	3.3251	3.5653	1.5652	7.0352	2.9459	1.4752	4.1959	1.9358	4.2657	2.9452	1.1253	5.8159	1.9559	1.5152	1.0153	1.5152	1.5852	7.9759	0.0000	0.0000	6.2859	3.3259	
	REB121S	2.8851	4.8351	-8.3851	4.6451	2.1354	0.0000	1.8154	1.3754	3.9452	4.1251	1.4352	4.4457	1.9357	6.3157	5.7357	7.8851	1.9452	4.6154	1.7857	1.0352	8.9352	9.5259	2.8859	1.8854	1.3251	2.8753	1.9159	1.9559	6.7452	1.2452	4.7359	3.5457	0.0000	0.0000	7.8259	1.9151		
	REB221S	2.8851	4.8351	-8.3851	4.6451	2.2154	0.0000	1.8154	1.3754	3.9452	4.1251	1.4352	4.4457	1.9357	6.3157	5.7357	7.8851	1.9452	4.6154	1.7857	1.0352	8.9352	9.5259	2.8859	1.8854	1.3251	2.8753	1.9159	1.9559	6.7452	1.2452	4.7359	3.5457	0.0000	0.0000	7.8259	1.9151		
	REB521S	2.8351	4.4751	-8.8351	4.5851	2.1454	0.0000	1.8254	1.2654	3.8352	4.0351	1.3352	4.4457	1.9357	6.3757	5.8857	7.4857	1.8853	9.7851	2.3351	1.9751	9.7452	9.4857	2.3359	1.6854	1.2251	2.8352	1.9851	0.9359	6.5852	1.2452	6.9359	7.1352	3.2257	0.0000	0.0000	7.8759	8.9352	
	REB621S	2.8851	4.5751	-7.8351	4.6851	2.2254	0.0000	1.8254	1.4154	3.9452	4.0851	1.4352	4.4751	2.0857	6.3157	5.9357	7.9751	1.9552	1.9159	2.4851	1.7959	9.8752	9.4857	2.9459	1.8354	1.2251	2.7252	1.9851	1.9559	6.6852	1.2452	6.8352	7.3552	3.2751	0.0000	0.0000	7.9859	1.9151	
	RED111X	5.9452	7.9359	-8.9352	8.9359	1.3353	0.0000	2.4752	2.8552	5.8152	6.2452	2.5452	6.8259	1.9754	1.2557	2.4457	3.8352	3.1853	6.4352	4.7352	2.9459	1.1152	3.2857	4.9457	3.1357	2.1452	1.0851	4.9359	1.9159	1.2352	1.7459	1.2852	4.7359	0.0000	0.0000	3.9359	4.9457		
	RED112X	3.9352	5.7159	-8.2352	6.2759	5.5959	0.0000	3.9452	2.8552	4.2752	4.4552	1.0259	4.9959	1.1154	7.4754	5.9459	7.8352	3.2753	2.7452	2.9652	8.9151	9.7359	1.7959	5.9457	4.6751	1.6752	4.4752	4.7354	1.7759	1.9459	1.2352	5.7654	7.9259	6.6551	3.7359	0.0000	0.0000	2.9859	1.9457
	RED113X	3.9752	6.1159	-8.4452	6.1459	5.7159	0.0000	3.9452	2.8552	4.3652	4.4252	1.4752	5.2159	5.7159	7.4754	5.9459	7.8352	3.2753	2.7452	2.9652	8.9151	9.7359	1.7959	5.9457	4.6751	1.6752	4.4752	4.7354	1.7759	1.9459	1.2352	5.7654	7.9259	6.6551	3.7359	0.0000	0.0000	2.9859	1.9457
	RED114X	3.9352	4.9359	-8.2752	5.7959	3.8759	0.0000	3.1652	1.8754	4.0552	4.2752	1.6352	4.2457	1.1359	6.8359	1.3351	3.9752	1.4153	1.7853	2.7252	6.9751	8.7259	1.4459	4.5751	1.4457	1.4452	3.8254	1.9159	1.3159	7.7351	4.4659	7.7351	3.1451	3.1359	0.0000	0.0000	1.7759	1.2551	
	RED114Y	1.5352	2.2359	-3.3252	2.2359	1.9359	0.0000	1.0252	5.9759	1.8852	1.7752	3.7154	6.9359	2.3859	3.3859	1.0351	5.1251	5.9154	4.3654	1.3652	4.7251	9.2751	4.4351	2.7857	9.3354	8.9359	2.1354	1.1959	3.7351	3.9151	4.3854	3.9151	3.1751	1.5759	0.0000	0.0000	1.1159	5.8351	
	RED115X	4.4852	7.2359	-1.1851	7.8459	1.1152	0.0000	1.9354	2.4751	5.8852	6.2852	2.0251	6.8859	2.4459	1.9157	2.8757	7.1852	2.8353	3.0452	4.9352	2.3859	9.8451	9.3357	3.9257	2.8857	2.8857	1.8852	9.1654	3.9859	1.9859	1.9752	1.9152	1.9854	1.9452	6.7259	0.0000	0.0000	3.5451	1.8552
	RED115Y	4.4852	7.2359	-8.4352	7.7859	1.1152	0.0000	3.9452	2.4751	5.8852	6.2852	1.1359	6.8859	2.2559	1.0251	2.8757	7.1852	2.8353	3.0452	2.7752	3.9852	2.1459	9.8451	9.3357	3.9257	2.8857	2.8857	6.9454	3.9859	4.9859	1.9752	1.9152	1.9854	3.2959	0.0000	0.0000	3.5451	1.8552	
	RED311X	2.2952	3.2759	-3.9352	3.7859	4.4359	0.0000	3.9452	1.0952	2.7552	2.8952	3.4459	5.7759	5.2959	5.9359	2.4852	1.2853	1.6352	1.8952	7.4751	4.1859	1.0852	2.9357	1.3357	1.3357	9.2751	3.1354	1.9859	3.2551	4.4751	3.8854	4.4351	3.7251	3.1759	0.0000	0.0000	1.4459	7.7851	
	RED311Y	2.2154	3.1759	-3.9352	3.9359	4.4359	0.0000	3.9452	1.0859	2.8452	2.7752	3.2854	5.4959	5.7759	5.2959	2.4852	1.2853	1.6352	1.8952	7.4751	4.2159	1.0852	2.9357	1.2857	1.2857	9.2751	3.1354	1.9759	3.2451	4.2351	3.8854	4.2251	3.7851	3.1759	0.0000	0.0000	1.4459	7.7451	
	RED321X	1.9452	2.7159	-8.4452	3.0359	6.6159	0.0000	2.3252	1.1851	2.3351	2.4552	6.8854	3.9759	5.9159	3.3659	6.7259	2.4852	1.3153	2.2753	1.8352	7.2851	9.8751	8.4451	6.9851	1.3257	1.3257	7.8451	3.1754	2.3859	1.1659	4.3151	4.1854	3.9751	3.4451	3.1759	0.0000	0.0000	1.1259	7.8151
	RED321Y	1.8852	2.6859	-8.4452	2.7759	6.6159	0.0000	2.2652	1.1452	2.2652	2.3352	6.8854	3.9759	5.9359	3.3459	6.8859	2.4252	1.3153	2.2753	1.8352	7.2151	9.7759	8.4451	6.9851	1.3857	1.3857	7.7351	3.1354	2.3859	1.1659	4.1451	4.1854	3.9751	3.4451	3.1759	0.0000	0.0000	1.1259	7.7251
	RED611X	3.5852	5.0359	-1.9851	6.1859	9.8459	0.0000	3.9452	2.1759	3.9752	5.7852	3.8654	6.4959	5.7859	6.4959	5.2552	3.1652	2.9852	3.0652	8.2351	4.9457	5.1652	1.4457	5.1251	1.4457	1.3252	3.4254	1.9759	3.9751	6.2451	5.8154	6.3351	4.0451	3.3459	0.0000	0.0000	1.9559	1.1259	
	RED611Y	2.5352	3.9859	-3.9352	4.6859	9.3859	0.0000	3.3854	1.8452	3.9752	3.9752	8.9454	3.8259	6.4959	5.2552	3.9852	3.9852	3.9153	3.8253	1.8252	9.0351	4.9859	1.9359	3.4157	1.4457	9.9751	3.4254	1.9859	3.9859	3.9251	4.7751	4.1854	4.7351	3.8251	3.3359	0.0000	0.0000	1.8759	7.9351
	RED612X	3.3352	4.7959	-4.9152	3.2859	4.9159	0.0000	3.3152	1.5852	3.4752	3.5152	2.4854	3.5559	5.8359	5.3759	6.0859	2.8152	1.2853	1.6852	2.4152	7.9751	9.7859	1.0859	4.3857	1.4757	1.2452	3.1454	1.9859	3.3051	5.8951	5.5754	5.7459	3.8351	3.1259	0.0000	0.0000	1.5859	1.9859	

REP111Y	1.855e-01	2.595e-01	4.835e-01	2.625e-01	1.225e-01	0.000e+00	1.865e-01	1.135e-01	1.365e-02	2.105e-01	1.325e-02	4.825e-01	1.452e-01	6.155e-01	7.285e-01	7.625e-01	1.785e-02	6.485e-02	1.755e-01	8.035e-01	5.525e-01	1.985e-01	3.245e-01	1.125e-01	7.245e-02	3.75e-01	1.245e-01	9.755e-01	3.725e-01	1.255e-02	3.725e-02	2.345e-02	2.715e-01	0.000e+00	0.000e+00	7.145e-01	7.755e-01
	1.815e-01	3.075e-01	2.385e-01	2.885e-01	1.025e-01	0.000e+00	2.345e-02	5.155e-01	2.415e-02	2.845e-01	8.655e-02	3.975e-01	1.255e-01	2.855e-01	3.35e-01	3.45e-01	1.325e-02	6.825e-01	1.345e-01	9.955e-01	4.025e-02	6.75e-01	1.685e-01	8.255e-01	7.415e-02	1.845e-02	1.115e-01	1.365e-01	4.105e-02	1.185e-02	4.135e-02	4.385e-02	1.55e-01	0.000e+00	0.000e+00	5.625e-01	8.355e-01
REQ001Y	2.485e-01	3.755e-01	4.855e-01	3.855e-01	9.325e-01	0.000e+00	2.255e-02	5.745e-01	3.165e-02	2.485e-01	1.115e-02	3.555e-01	1.145e-01	2.775e-01	4.325e-01	3.255e-01	1.255e-01	6.855e-01	2.155e-01	3.255e-01	6.375e-01	1.825e-01	1.855e-01	1.855e-01	8.855e-01	5.335e-02	1.255e-02	5.355e-02	5.585e-02	2.585e-01	0.000e+00	0.000e+00	3.975e-01	4.975e-01			
REQ002X	1.815e-01	3.075e-01	2.385e-01	2.885e-01	1.025e-01	0.000e+00	2.345e-02	5.155e-01	2.415e-02	2.845e-01	8.655e-02	3.975e-01	1.255e-01	2.855e-01	3.35e-01	3.45e-01	1.325e-02	6.825e-01	1.345e-01	9.955e-01	4.025e-02	6.75e-01	1.685e-01	8.255e-01	7.415e-02	1.845e-02	1.115e-01	1.375e-01	4.105e-02	1.185e-02	4.135e-02	4.385e-02	1.55e-01	0.000e+00	0.000e+00	5.625e-01	8.355e-01
REQ002Y	2.485e-01	3.755e-01	4.855e-01	3.855e-01	9.325e-01	0.000e+00	2.245e-02	5.695e-01	3.155e-02	2.395e-01	1.095e-02	3.555e-01	1.135e-01	2.635e-01	4.325e-01	3.255e-01	1.255e-01	6.855e-01	2.155e-01	3.255e-01	6.375e-01	1.825e-01	1.855e-01	1.855e-01	8.855e-01	5.335e-02	1.255e-02	5.355e-02	5.585e-02	2.585e-01	0.000e+00	0.000e+00	3.975e-01	4.975e-01			
REQ004X	1.855e-01	3.255e-01	2.785e-01	3.085e-01	1.475e-01	0.000e+00	2.855e-02	5.225e-01	2.355e-02	2.735e-01	9.825e-02	3.545e-01	1.335e-01	2.825e-01	3.855e-01	4.345e-01	1.325e-02	7.755e-01	1.955e-01	3.975e-01	4.225e-02	8.355e-01	1.755e-01	8.355e-01	7.845e-02	1.885e-02	1.085e-01	1.435e-01	4.255e-02	1.145e-02	4.335e-02	4.575e-02	1.525e-01	0.000e+00	0.000e+00	6.675e-01	8.755e-01
REQ004Y	2.475e-01	3.765e-01	4.815e-01	3.885e-01	1.475e-01	0.000e+00	2.275e-02	5.755e-01	3.165e-02	2.435e-01	1.095e-02	3.555e-01	1.145e-01	2.855e-01	4.325e-01	3.225e-01	1.245e-01	6.855e-01	2.155e-01	3.255e-01	6.375e-01	1.825e-01	1.855e-01	1.855e-01	8.855e-01	5.445e-02	1.255e-02	5.445e-02	5.655e-02	2.525e-01	0.000e+00	0.000e+00	4.075e-01	4.925e-01			
REQ006X	2.885e-01	4.635e-01	2.785e-01	2.755e-01	2.085e-01	0.000e+00	2.855e-02	5.755e-01	3.885e-02	4.175e-01	1.325e-02	3.785e-01	1.485e-01	3.385e-02	5.145e-01	6.825e-01	1.755e-01	1.025e-02	2.855e-01	1.755e-01	8.685e-02	1.955e-01	6.825e-01	1.255e-01	2.345e-02	1.755e-01	1.645e-01	6.825e-02	1.255e-02	6.825e-02	7.075e-02	2.755e-01	0.000e+00	0.000e+00	5.655e-01	8.755e-01	
REQ006Y	3.055e-01	4.635e-01	2.785e-01	2.755e-01	2.085e-01	0.000e+00	2.855e-02	5.525e-01	3.885e-02	4.175e-01	1.325e-02	3.785e-01	1.485e-01	3.385e-02	5.145e-01	6.825e-01	1.755e-01	1.025e-02	2.735e-01	1.725e-01	8.715e-02	1.925e-01	2.025e-01	1.245e-01	2.335e-02	1.755e-01	1.645e-01	6.825e-02	1.255e-02	6.825e-02	7.085e-02	2.755e-01	0.000e+00	0.000e+00	5.455e-01	1.175e-01	
REQ008X	2.885e-01	4.375e-01	2.375e-01	4.375e-01	2.185e-01	0.000e+00	3.165e-02	6.185e-01	3.025e-02	2.885e-01	1.275e-02	3.825e-01	1.485e-01	3.385e-02	4.115e-01	6.175e-01	1.885e-02	9.825e-01	2.525e-01	1.485e-01	4.125e-02	1.925e-01	1.945e-01	1.385e-01	2.155e-02	1.155e-01	1.445e-01	6.375e-02	1.225e-02	6.375e-02	8.445e-02	2.325e-01	0.000e+00	0.000e+00	7.225e-01	1.025e-01	
REQ008Y	2.785e-01	4.275e-01	2.435e-01	4.275e-01	1.985e-01	0.000e+00	3.215e-02	6.125e-01	3.055e-02	3.755e-01	1.265e-02	3.755e-01	1.485e-01	2.955e-02	4.025e-01	4.445e-01	1.425e-02	9.425e-01	2.455e-01	1.475e-01	4.025e-02	9.425e-01	1.975e-01	1.315e-01	1.885e-01	2.045e-02	1.155e-01	1.475e-01	6.125e-02	1.225e-02	6.255e-02	2.025e-01	0.000e+00	0.000e+00	7.225e-01	1.025e-01	
REQ010X	2.855e-01	4.455e-01	2.375e-01	4.555e-01	2.255e-01	0.000e+00	3.165e-02	6.395e-01	3.745e-02	4.055e-01	1.335e-02	3.945e-01	1.525e-02	3.555e-02	5.275e-01	7.855e-01	1.775e-02	1.055e-02	2.855e-01	1.495e-01	6.425e-02	1.945e-01	2.185e-01	1.425e-01	1.155e-01	2.225e-02	1.355e-01	1.425e-01	6.555e-02	1.245e-02	6.555e-02	2.655e-01	0.000e+00	0.000e+00	7.855e-01	1.125e-01	
REQ010Y	2.855e-01	4.455e-01	2.375e-01	4.555e-01	2.255e-01	0.000e+00	3.165e-02	6.395e-01	3.745e-02	4.055e-01	1.335e-02	3.945e-01	1.525e-02	3.555e-02	5.275e-01	7.855e-01	1.775e-02	1.055e-02	2.855e-01	1.495e-01	6.425e-02	1.945e-01	2.185e-01	1.425e-01	1.155e-01	2.225e-02	1.355e-01	1.425e-01	6.555e-02	1.245e-02	6.555e-02	2.655e-01	0.000e+00	0.000e+00	7.855e-01	1.125e-01	
REQ012X	2.855e-01	4.455e-01	2.375e-01	4.555e-01	2.255e-01	0.000e+00	3.125e-02	6.515e-01	3.755e-02	4.035e-01	1.335e-02	3.785e-01	1.555e-02	3.525e-02	5.265e-01	7.855e-01	1.825e-02	1.025e-02	2.855e-01	1.515e-01	6.385e-02	1.925e-01	2.255e-01	1.425e-01	1.175e-01	2.225e-02	1.355e-01	1.4755e-01	6.535e-02	1.245e-02	6.575e-02	6.875e-02	2.625e-01	0.000e+00	0.000e+00	7.825e-01	1.085e-01
REQ012Y	2.915e-01	4.555e-01	2.335e-01	4.455e-01	2.475e-01	0.000e+00	3.075e-02	6.485e-01	3.752e-02	3.995e-01	1.345e-02	3.925e-01	1.485e-01	1.155e-01	5.355e-01	7.855e-01	1.825e-02	1.025e-02	2.875e-01	1.525e-01	6.375e-02	1.925e-01	2.275e-01	1.475e-01	1.185e-01	2.175e-02	1.345e-01	1.475e-01	6.485e-02	1.245e-02	6.525e-02	2.645e-01	0.000e+00	0.000e+00	7.855e-01	1.125e-01	
REQ016X	2.975e-01	4.555e-01	2.335e-01	4.555e-01	2.525e-01	0.000e+00	3.465e-02	6.785e-02	3.752e-02	4.025e-01	1.475e-02	3.825e-01	1.775e-01	3.225e-02	5.425e-01	7.875e-01	1.975e-02	1.025e-02	2.855e-01	1.525e-01	6.425e-02	1.925e-01	2.275e-01	1.425e-01	1.175e-01	2.235e-02	1.355e-01	1.465e-01	6.545e-02	1.245e-02	6.585e-02	2.675e-01	0.000e+00	0.000e+00	7.825e-01	1.145e-01	
REQ016Y	2.925e-01	4.555e-01	2.375e-01	4.525e-01	2.525e-01	0.000e+00	3.255e-02	6.755e-02	3.745e-02	4.025e-01	1.475e-02	3.755e-01	1.655e-01	3.215e-02	5.425e-01	7.875e-01	1.975e-02	1.025e-02	2.875e-01	1.525e-01	6.415e-02	1.925e-01	2.275e-01	1.425e-01	1.175e-01	2.275e-02	1.345e-01	1.465e-01	6.755e-02	1.245e-02	6.545e-02	2.675e-01	0.000e+00	0.000e+00	7.855e-01	1.125e-01	
REQ020X	2.975e-01	4.555e-01	2.375e-01	4.555e-01	2.525e-01	0.000e+00	3.465e-02	6.785e-02	3.752e-02	4.025e-01	1.475e-02	3.825e-01	1.775e-01	3.225e-02	5.425e-01	7.875e-01	1.975e-02	1.025e-02	2.855e-01	1.525e-01	6.425e-02	1.925e-01	2.275e-01	1.425e-01	1.175e-01	2.235e-02	1.355e-01	1.465e-01	6.545e-02	1.245e-02	6.585e-02	2.675e-01	0.000e+00	0.000e+00	7.825e-01	1.145e-01	
REQ020Y	2.975e-01	4.555e-01	2.377e-01	4.555e-01	2.525e-01	0.000e+00	3.465e-02	6.785e-02	3.752e-02	4.025e-01	1.475e-02	3.825e-01	1.775e-01	3.225e-02	5.425e-01	7.875e-01	1.975e-02	1.025e-02	2.855e-01	1.525e-01	6.425e-02	1.925e-01	2.275e-01	1.425e-01	1.175e-01	2.235e-02	1.355e-01	1.465e-01	6.545e-02	1.245e-02	6.585e-02	2.675e-01	0.000e+00	0.000e+00	7.825e-01	1.145e-01	
REQ020Z	2.975e-01	4.555e-01	2.377e-01	4.555e-01	2.525e-01	0.000e+00	3.465e-02	6.785e-02	3.752e-02	4.025e-01	1.475e-02	3.825e-01	1.775e-01	3.225e-02	5.425e-01	7.875e-01	1.975e-02	1.025e-02	2.855e-01	1.525e-01	6.425e-02	1.925e-01	2.275e-01	1.425e-01	1.175e-01	2.235e-02	1.355e-01	1.465e-01	6.545e-02	1.245e-02	6.585e-02	2.675e-01	0.000e+00	0.000e+00	7.825e-01	1.145e-01	
REQ020V	2.925e-01	4.555e-01	2.377e-01	4.525e-01	2.525e-01	0.000e+00	3.255e-02	6.755e-02	3.745e-02	4.025e-01	1.475e-02	3.755e-01	1.655e-01	3.215e-02	5.425e-01	7.875e-01	1.975e-02	1.025e-02	2.875e-01	1.525e-01	6.415e-02	1.925e-01	2.275e-01	1.425e-01	1.175e-01	2.275e-02	1.345e-01	1.465e-01	6.755e-02	1.245e-02	6.545e-02	2.677e-01	0.000e+00	0.000e+00	7.855e-01	1.125e-01	
REQ024X	3.185e-01	4.855e-01	2.825e-01	4.855e-01	2.525e-01	0.000e+00	3.475e-02	7.285e-02	4.085e-02	4.385e-01	1.455e-02	4.055e-01	1.935e-01	3.255e-02	5.455e-01	7.875e-01	2.055e-02	1.025e-02	2.755e-01	1.475e-01	7.045e-02	1.925e-01	2.425e-01	1.655e-01	1.255e-01	2.455e-02	1.175e-01	1.645e-01	7.125e-02	1.225e-02	7.125e-02	4.745e-02	3.775e-01	0.000e+00	0.000e+00	7.855e-01	1.125e-01
REQ024Y	3.285e-01	4.855e-01	2.825e-01	4.855e-01	2.525e-01	0.000e+00	3.225e-02	6.785e-02	3.745e-02	4.055e-01	1.475e-02	3.785e-01	1.855e-02	3.255e-02	5.425e-01	7.875e-01	1.975e-02	1.025e-02	2.875e-01	1.525e-01	6.415e-02	1.925e-01	2.275e-01	1.425e-01	1.175e-01	2.245e-02	1.355e-01	1.475e-01	6.525e-02	1.245e-02	6.545e-02	6.975e-02	2.625e-01	0.000e+00	0.000e+00	7.875e-01	1.125e-01
REQ051X	2.335e-01	3.985e-01	2.455e-01	3.925e-01	1.985e-01	0.000e+00	3.165e-02	6.885e-01	3.755e-02	3.955e-01	2.855e-02	3.945e-01	1.275e-02	3.555e-01	4.375e-01	3.355e-01	1.325e-02	7.455e-01	2.055e-01	1.455e-01	4.025e-02	9.425e-01	1.975e-01	1.315e-01	1.												

Disit	1000142	1.9654	2.5151	0.0004	2.5101	0.0004	0.0004	1.4481	8.6494	7.3254	7.3254	0.0000	0.0004	3.3951	7.6251	6.5204	0.0000	0.0004	0.0000	2.0754	8.1654	3.6454	0.0004	3.7451	1.3154	2.0154	6.5204	4.2654	0.0004	3.6454	9.7554	3.6454	3.4954	4.2654	0.0004	0.0004	0.0004	9.5054	
		1.2654	1.6651	0.0004	1.6651	0.0004	0.0004	1.2461	7.0854	5.6154	6.1654	0.0004	0.0004	3.3251	7.4251	4.6654	0.0004	0.0004	0.0004	1.6754	6.6354	2.6454	0.0004	2.9851	8.7354	1.5654	4.7354	3.5254	0.0004	2.6454	7.4454	2.6454	2.6454	3.5254	0.0004	0.0004	0.0004	7.1654	
1001531		2.3654	4.2651	0.0004	4.2651	0.0004	0.0004	2.2651	1.5251	1.2251	1.2251	0.0004	0.0004	7.1351	1.3651	9.8654	0.0004	0.0004	0.0004	3.5951	1.4251	2.6551	0.0004	6.2151	2.0651	3.3351	1.9151			5.6551	1.8651	0.0004	5.6651	7.5451	0.0004	0.0004	0.0004	1.5451	
		1.4264	2.3451	0.0004	2.3451	0.0004	0.0004	1.2651	6.1554	6.8654	6.8654	0.0004	0.0004	3.3551	7.6651	5.9154	0.0004	0.0004	0.0004	1.6251	7.2151	3.4251	0.0004	3.3151	1.2451	1.8651	5.9451	3.7651	0.0004	3.4251	8.8651	3.4251	3.1651	3.7651	0.0004	0.0004	0.0004	8.8454	
1001801		1.3264	2.1261	0.0004	2.1261	0.0004	0.0004	1.4651	8.2154	8.4654	7.7454	0.0004	0.0004	3.7751	7.4251	5.3254	0.0004	0.0004	0.0004	1.9651	7.6951	0.9551	0.0004	3.2251	1.6951	1.7751	5.2651	4.0351	0.0004	3.6951	8.4951	3.0951	2.8951	4.0351	0.0004	0.0004	0.0004	8.4454	
		1.5364	2.3151	0.0004	2.3151	0.0004	0.0004	1.3051	7.8654	6.7654	6.6151	0.0004	0.0004	3.3151	8.0351	4.8654	0.0004	0.0004	0.0004	1.7651	7.1151	3.3751	0.0004	3.3651	1.2251	1.9751	4.9651	3.7251	0.0004	3.3751	9.1151	3.3751	3.2851	3.7251	0.0004	0.0004	0.0004	8.8454	
1002411		1.3654	2.2161	0.0004	2.2161	0.0004	0.0004	1.4451	8.2451	6.5254	7.1651	0.0004	0.0004	3.8651	7.4751	5.3554	0.0004	0.0004	0.0004	1.9451	7.7151	3.3751	0.0004	3.3751	1.1351	1.8651	5.4951	4.0651	0.0004	3.0751	8.6551	3.9751	3.3751	4.0651	0.0004	0.0004	0.0004	8.3454	
		1.2654	2.2351	0.0004	2.2351	0.0004	0.0004	1.4151	8.1651	6.9551	6.9451	0.0004	0.0004	3.3051	7.3551	5.2551	0.0004	0.0004	0.0004	1.8651	7.6551	2.8651	0.0004	3.2651	1.1451	1.7651	5.3451	3.9651	0.0004	3.0651	8.8751	3.9651	3.2651	3.9651	0.0004	0.0004	0.0004	8.1651	
1204310		1.7454	2.7461	0.0004	2.7461	0.0004	0.0004	1.8654	1.0351	8.1451	8.3354	0.0004	0.0004	4.8251	9.3251	8.6651	0.0004	0.0004	0.0004	2.4251	9.6351	3.8351	0.0004	4.2351	1.4151	2.2651	6.8651	5.1151	0.0004	3.8351	1.0851	3.8351	3.8351	5.1151	0.0004	0.0004	0.0004	1.9454	
1204313		1.7754	2.7951	0.0004	2.7951	0.0004	0.0004	1.8351	1.0551	8.2651	8.3651	0.0004	0.0004	4.9151	9.4851	8.6351	0.0004	0.0004	0.0004	2.4751	9.6851	3.8651	0.0004	4.2651	1.4451	2.2851	6.9651	5.2651	0.0004	3.8651	1.1051	3.8651	3.8651	5.2651	0.0004	0.0004	0.0004	1.9654	
1301200		6.6454	1.0151	0.0004	1.0151	0.0004	0.0004	6.6154	3.8651	3.3651	3.4351	0.0004	0.0004	1.9651	3.5651	2.9554	0.0004	0.0004	0.0004	9.3451	3.6751	1.9151	0.0004	1.7151	5.1651	3.4651	2.6651	1.9651	0.0004	1.5151	4.3651	1.9151	1.4351	1.9651	0.0004	0.0004	0.0004	4.1654	
1308100		4.5654	7.1751	0.0004	7.1751	0.0004	0.0004	4.7654	2.6651	2.1351	2.3451	0.0004	0.0004	1.2651	2.4451	1.7554	0.0004	0.0004	0.0004	6.3551	2.5251	1.8251	0.0004	1.1351	3.7651	5.9651	1.8651	1.3451	0.0004	2.6351	2.8351	1.6651	1.3451	0.0004	0.0004	0.0004	2.7354		
1308810		5.6654	8.8651	0.0004	8.8651	0.0004	0.0004	5.7654	2.6551	2.6551	2.6551	0.0004	0.0004	1.3551	1.7251	1.9154	0.0004	0.0004	0.0004	7.7651	3.0651	1.2651	0.0004	1.0651	4.5451	7.2451	2.2651	1.6451	0.0004	1.2351	2.8351	1.2351	1.2351	1.6451	0.0004	0.0004	0.0004	1.8654	
1309010		4.2654	6.5651	0.0004	6.5651	0.0004	0.0004	4.2651	2.4651	2.0351	2.1451	0.0004	0.0004	1.2551	2.1651	1.6451	0.0004	0.0004	0.0004	5.5151	2.4451	0.9651	0.0004	1.0651	3.4551	5.5751	1.7651	1.2651	0.0004	0.8651	2.3451	0.9651	0.8651	1.2651	0.0004	0.0004	0.0004	2.6554	
1400014		8.5164	1.6251	0.0004	1.6251	0.0004	0.0004	8.4461	4.5361	5.8761	3.8551	0.0004	0.0004	2.2651	3.9151	2.9751	0.0004	0.0004	0.0004	1.0251	3.4451	2.4451	0.0004	2.2351	8.7851	1.2651	3.2651	2.4651	0.0004	2.6451	6.4151	2.4451	1.8351	2.4651	0.0004	0.0004	0.0004	4.9751	
1400030		1.1364	2.2651	0.0004	2.2651	0.0004	0.0004	1.1561	6.4451	5.9151	5.9551	0.0004	0.0004	3.2651	5.3251	3.9651	0.0004	0.0004	0.0004	1.3651	3.4651	3.5651	0.0004	3.0351	1.1451	1.4351	4.3451	2.3251	0.0004	3.5651	6.4151	3.5651	2.6251	3.3651	0.0004	0.0004	0.0004	6.1651	
1400040		6.7654	1.9651	0.0004	1.9651	0.0004	0.0004	6.6751	4.2651	5.2651	5.4151	0.0004	0.0004	2.2351	3.7651	2.9751	0.0004	0.0004	0.0004	1.7651	3.7451	3.2551	0.0004	3.0351	1.1451	1.4351	4.3451	2.3251	0.0004	3.5651	6.4151	3.5651	2.6251	3.3651	0.0004	0.0004	0.0004	4.9651	
1400060		1.2654	2.2651	0.0004	2.2651	0.0004	0.0004	1.3161	6.1451	6.4251	6.4651	0.0004	0.0004	3.3151	8.6651	4.7651	0.0004	0.0004	0.0004	1.7651	7.0351	3.8351	0.0004	3.3351	1.1651	1.7651	5.2651	3.7251	0.0004	2.6651	8.2451	2.6651	2.6651	3.7251	0.0004	0.0004	0.0004	7.9651	
1400100		1.9454	1.9751	0.0004	1.9751	0.0004	0.0004	1.9251	5.6751	5.9351	4.5651	0.0004	0.0004	2.2651	4.4251	3.6751	0.0004	0.0004	0.0004	1.2651	3.5751	2.7351	0.0004	2.7651	8.3551	1.2651	3.9151	2.9651	0.0004	2.7351	6.5551	2.7351	2.2451	2.9651	0.0004	0.0004	0.0004	5.9651	
1400110		6.1764	9.7251	0.0004	9.7251	0.0004	0.0004	6.3651	3.6651	2.8651	3.1751	0.0004	0.0004	1.7151	3.9151	2.9751	0.0004	0.0004	0.0004	8.6251	3.4251	1.3651	0.0004	1.4651	5.0251	8.0151	2.4451	1.6151	0.0004	1.3651	3.9451	1.3651	1.3651	1.6151	0.0004	0.0004	0.0004	3.7651	
1400204		1.2754	2.1761	0.0004	2.1761	0.0004	0.0004	1.3651	7.8651	6.1651	6.4451	0.0004	0.0004	3.3551	6.7651	4.6251	0.0004	0.0004	0.0004	1.7351	7.0151	2.7451	0.0004	3.0251	1.1651	1.6751	5.0651	2.6651	0.0004	2.7451	8.7351	2.7451	2.6251	3.6651	0.0004	0.0004	0.0004	7.9161	
1400210		1.2164	2.1761	0.0004	2.1761	0.0004	0.0004	1.3651	7.8651	6.4451	7.2651	0.0004	0.0004	3.3251	7.4651	4.7651	0.0004	0.0004	0.0004	1.9251	7.4651	2.4451	0.0004	3.0451	1.1251	1.7651	5.4451	4.0651	0.0004	3.0451	8.7351	2.4451	4.0651	3.0451	0.0004	0.0004	0.0004	7.9161	
1701520		4.6654	7.4261	0.0004	7.4261	0.0004	0.0004	4.6651	2.6651	2.2161	2.3351	0.0004	0.0004	1.2651	2.3351	1.7751	0.0004	0.0004	0.0004	5.9251	2.9751	1.2451	0.0004	1.2451	3.8751	6.2651	1.8651	1.3751	0.0004	1.6351	2.8751	1.2451	1.6351	1.3751	0.0004	0.0004	0.0004	3.0361	
1702000		4.6654	7.3151	0.0004	7.3151	0.0004	0.0004	4.6651	2.7651	2.1751	2.3651	0.0004	0.0004	1.2651	2.4651	1.7751	0.0004	0.0004	0.0004	6.0651	2.9751	1.2251	0.0004	1.1251	3.7751	6.2251	1.8251	1.3651	0.0004	1.6351	2.8651	1.2251	1.6351	1.3651	0.0004	0.0004	0.0004	2.7651	
1702120		3.6454	6.4651	0.0004	6.4651	0.0004	0.0004	3.6651	9.1251	7.2251	7.3251	0.0004	0.0004	4.2751	8.2651	9.5551	0.0004	0.0004	0.0004	2.1651	8.5351	3.3651	0.0004	3.7651	1.2651	2.6651	6.6651	4.5251	0.0004	3.3651	9.9751	3.3651	3.4651	4.5251	0.0004	0.0004	0.0004	9.2651	
1703116		1.9454	2.0351	0.0004	2.0351	0.0004	0.0004	3.9751	2.2751	1.6651	1.9751	0.0004	0.0004	1.9751	2.2651	1.4651	0.0004	0.0004	0.0004	5.9651	2.1351	8.4651	0.0004	9.2651	1.1251	1.4651	1.5251	1.1351	0.0004	8.4651	9.4751	1.1351	1.4651	0.0004	0.0004	0.0004	2.2651		
1712000		3.2654	5.1251	0.0004	5.1251	0.0004	0.0004	3.3651	1.9251	1.9251	1.6751	0.0004	0.0004	9.0151	1.7451	1.9151	0.0004	0.0004	0.0004	4.5651	1.8651	4.7651	0.0004	7.8651	2.6451	4.2151	1.2651	1.9651	0.0004	7.8651	2.0251	7.1651	1.7151	9.5651	0.0004	0.0004	0.0004	1.9651	
1712102		3.2154	5.0551	0.0004	5.0551	0.0004	0.0004	3.2651	1.8751	1.9351	1.6351	0.0004	0.0004	8.9551	1.7951	1.9251	0.0004	0.0004	0.0004	4.3651	1.7751	7.1651	0.0004	7.7451	2.6651	4.1651	1.2451	1.9351	0.0004	7.1651	1.9951	7.1651	1.7151	9.3551	0.0004	0.0004	0.0004	1.9151	
1712103		3.3654	5.3551	0.0004	5.3551	0.0004	0.00																																

	RED321X	6.136E-01	1.765E-02	0.002E+00	1.765E-02	0.002E+00	0.002E+00	8.525E-03	4.198E-03	5.465E-02	3.525E-04	0.002E+00	0.002E+00	0.002E+00	9.435E-07	3.675E-04	2.565E-01	0.002E+00	2.156E-01	9.325E-01	1.075E-04	3.474E-07	2.462E-04	0.002E+00	2.585E-01	5.695E-02	2.585E-01	1.795E-01	2.482E-04	0.002E+00	0.002E+00	0.002E+00	4.972E-02
	RED321Y	6.136E-01	1.765E-02	0.002E+00	1.765E-02	0.002E+00	0.002E+00	8.766E-03	4.186E-03	5.465E-02	3.515E-04	0.002E+00	0.002E+00	0.002E+00	9.415E-07	3.675E-04	2.565E-01	0.002E+00	2.156E-01	9.325E-01	1.075E-04	3.495E-07	2.462E-04	0.002E+00	2.585E-01	5.695E-02	2.585E-01	1.795E-01	2.482E-04	0.002E+00	0.002E+00	0.002E+00	4.972E-02
	RED611X	7.850E-01	1.765E-02	0.002E+00	1.765E-02	0.002E+00	0.002E+00	8.565E-03	4.225E-03	5.075E-02	3.815E-04	0.002E+00	0.002E+00	0.002E+00	9.875E-07	3.765E-04	2.525E-01	0.002E+00	2.255E-01	9.515E-01	1.085E-04	3.365E-07	2.416E-04	0.002E+00	2.525E-01	5.715E-02	2.575E-01	1.795E-01	2.474E-04	0.002E+00	0.002E+00	0.002E+00	4.925E-02
	RED611Y	7.845E-01	1.765E-02	0.002E+00	1.765E-02	0.002E+00	0.002E+00	8.646E-03	4.215E-03	5.365E-02	3.845E-04	0.002E+00	0.002E+00	0.002E+00	9.865E-07	3.765E-04	2.525E-01	0.002E+00	2.255E-01	9.515E-01	1.085E-04	3.365E-07	2.416E-04	0.002E+00	2.525E-01	5.695E-02	2.575E-01	1.795E-01	2.474E-04	0.002E+00	0.002E+00	0.002E+00	4.975E-02
	RED612X	7.760E-01	1.725E-02	0.002E+00	1.725E-02	0.002E+00	0.002E+00	8.445E-03	4.205E-03	5.355E-02	3.935E-04	0.002E+00	0.002E+00	0.002E+00	9.295E-07	3.715E-04	2.495E-01	0.002E+00	1.985E-01	8.895E-01	1.025E-04	3.265E-07	2.395E-04	0.002E+00	2.495E-01	5.475E-02	2.495E-01	1.795E-01	2.336E-04	0.002E+00	0.002E+00	0.002E+00	4.815E-02
	RED612Y	5.465E-01	8.525E-03	0.002E+00	8.525E-03	0.002E+00	0.002E+00	5.555E-03	3.285E-03	2.535E-02	2.785E-04	0.002E+00	0.002E+00	0.002E+00	1.595E-03	2.395E-02	2.085E-05	0.002E+00	0.002E+00	0.002E+00	2.125E-07	1.985E-04	0.002E+00	1.155E-01	3.395E-01	1.195E-01	1.195E-01	1.595E-04	0.002E+00	0.002E+00	0.002E+00	3.345E-02	
	RED614X	1.265E-01	2.185E-02	0.002E+00	2.185E-02	0.002E+00	0.002E+00	1.225E-03	6.855E-03	6.245E-02	3.785E-04	0.002E+00	0.002E+00	0.002E+00	3.235E-03	6.185E-02	4.325E-05	0.002E+00	0.002E+00	0.002E+00	1.975E-06	6.215E-04	2.795E-05	0.002E+00	2.875E-01	7.855E-02	2.785E-01	2.815E-01	3.435E-04	0.002E+00	0.002E+00	0.002E+00	7.235E-02
	RED614Y	1.115E-01	1.755E-02	0.002E+00	1.755E-02	0.002E+00	0.002E+00	1.165E-03	6.795E-03	5.255E-02	3.995E-02	0.002E+00	0.002E+00	0.002E+00	3.085E-03	6.155E-02	4.275E-05	0.002E+00	0.002E+00	0.002E+00	1.465E-06	5.895E-04	2.445E-05	0.002E+00	2.885E-01	6.895E-02	2.445E-01	2.455E-01	3.935E-04	0.002E+00	0.002E+00	0.002E+00	6.855E-02
	RED620Y	2.025E-01	3.185E-02	0.002E+00	3.185E-02	0.002E+00	0.002E+00	2.065E-02	1.195E-03	9.455E-02	1.045E-02	0.002E+00	0.002E+00	0.002E+00	5.595E-03	1.885E-01	7.775E-05	0.002E+00	0.002E+00	0.002E+00	2.815E-06	1.125E-03	4.445E-05	0.002E+00	4.685E-01	1.845E-01	2.815E-04	7.985E-07	5.935E-04	0.002E+00	0.002E+00	0.002E+00	1.215E-04
	RED621X	7.815E-01	1.725E-02	0.002E+00	1.725E-02	0.002E+00	0.002E+00	8.185E-03	3.975E-03	5.355E-02	3.175E-04	0.002E+00	0.002E+00	0.002E+00	9.275E-07	3.445E-04	2.495E-01	0.002E+00	1.925E-01	9.015E-01	1.035E-04	3.175E-07	2.325E-04	0.002E+00	2.495E-01	5.595E-02	2.445E-01	1.685E-01	2.325E-04	0.002E+00	0.002E+00	0.002E+00	4.985E-02
	RED621Y	7.725E-01	1.725E-02	0.002E+00	1.725E-02	0.002E+00	0.002E+00	8.145E-03	3.975E-03	5.255E-02	3.215E-04	0.002E+00	0.002E+00	0.002E+00	9.235E-07	3.435E-04	2.495E-01	0.002E+00	1.925E-01	9.015E-01	1.035E-04	3.165E-07	2.325E-04	0.002E+00	2.495E-01	5.595E-02	2.445E-01	1.685E-01	2.325E-04	0.002E+00	0.002E+00	0.002E+00	4.905E-02
	RED622X	7.815E-01	1.725E-02	0.002E+00	1.725E-02	0.002E+00	0.002E+00	8.185E-03	3.985E-03	5.355E-02	3.185E-04	0.002E+00	0.002E+00	0.002E+00	9.285E-07	3.415E-04	2.495E-01	0.002E+00	1.925E-01	9.015E-01	1.035E-04	3.175E-07	2.325E-04	0.002E+00	2.495E-01	5.595E-02	2.445E-01	1.685E-01	2.325E-04	0.002E+00	0.002E+00	0.002E+00	4.985E-02
	RED622Y	7.725E-01	1.725E-02	0.002E+00	1.725E-02	0.002E+00	0.002E+00	8.145E-03	3.985E-03	5.255E-02	3.225E-04	0.002E+00	0.002E+00	0.002E+00	9.235E-07	3.435E-04	2.495E-01	0.002E+00	1.925E-01	9.015E-01	1.035E-04	3.165E-07	2.325E-04	0.002E+00	2.495E-01	5.595E-02	2.445E-01	1.685E-01	2.325E-04	0.002E+00	0.002E+00	0.002E+00	4.985E-02
	RED624X	7.865E-01	1.725E-02	0.002E+00	1.725E-02	0.002E+00	0.002E+00	8.185E-03	3.985E-03	5.355E-02	3.185E-04	0.002E+00	0.002E+00	0.002E+00	9.285E-07	3.415E-04	2.495E-01	0.002E+00	1.925E-01	9.015E-01	1.045E-04	3.095E-07	2.325E-04	0.002E+00	2.495E-01	5.595E-02	2.445E-01	1.685E-01	2.325E-04	0.002E+00	0.002E+00	0.002E+00	4.965E-02
	RED624Y	7.835E-01	1.725E-02	0.002E+00	1.725E-02	0.002E+00	0.002E+00	8.145E-03	3.975E-03	5.255E-02	3.215E-04	0.002E+00	0.002E+00	0.002E+00	9.275E-07	3.385E-04	2.495E-01	0.002E+00	1.925E-01	9.095E-01	1.045E-04	3.165E-07	2.325E-04	0.002E+00	2.495E-01	5.525E-02	2.445E-01	1.685E-01	2.325E-04	0.002E+00	0.002E+00	0.002E+00	4.945E-02
	RED711X	1.485E-01	2.595E-02	0.002E+00	2.595E-02	0.002E+00	0.002E+00	1.495E-02	8.715E-03	6.725E-02	7.185E-04	0.002E+00	0.002E+00	0.002E+00	4.095E-03	7.595E-02	5.395E-05	0.002E+00	0.002E+00	0.002E+00	1.935E-06	8.195E-04	3.375E-05	0.002E+00	3.695E-01	1.375E-01	2.025E-04	6.035E-07	4.275E-04	0.002E+00	0.002E+00	0.002E+00	8.775E-02
	RED711Y	1.355E-01	2.425E-02	0.002E+00	2.425E-02	0.002E+00	0.002E+00	1.465E-02	8.525E-03	6.715E-02	7.175E-04	0.002E+00	0.002E+00	0.002E+00	3.975E-03	7.695E-02	5.395E-05	0.002E+00	0.002E+00	0.002E+00	1.925E-06	8.045E-04	3.325E-05	0.002E+00	3.695E-01	1.225E-01	2.025E-04	5.975E-07	4.275E-04	0.002E+00	0.002E+00	0.002E+00	8.742E-02
	RED712X	1.975E-01	3.265E-02	0.002E+00	3.265E-02	0.002E+00	0.002E+00	1.765E-02	1.165E-03	8.625E-02	9.255E-04	0.002E+00	0.002E+00	0.002E+00	5.915E-03	1.695E-02	6.975E-05	0.002E+00	0.002E+00	0.002E+00	2.945E-06	9.715E-04	4.175E-05	0.002E+00	4.595E-01	1.265E-01	2.585E-04	7.475E-07	5.275E-04	0.002E+00	0.002E+00	0.002E+00	1.125E-04
	RED712Y	1.415E-01	2.475E-02	0.002E+00	2.475E-02	0.002E+00	0.002E+00	1.455E-02	8.335E-03	6.655E-02	6.935E-04	0.002E+00	0.002E+00	0.002E+00	3.995E-03	7.495E-02	5.195E-05	0.002E+00	0.002E+00	0.002E+00	1.965E-06	7.995E-04	3.415E-05	0.002E+00	3.525E-01	1.225E-01	1.995E-04	5.765E-07	4.275E-04	0.002E+00	0.002E+00	0.002E+00	8.355E-02
	RED721X	1.365E-01	2.195E-02	0.002E+00	2.195E-02	0.002E+00	0.002E+00	1.425E-02	8.225E-03	6.265E-02	6.795E-04	0.002E+00	0.002E+00	0.002E+00	3.875E-03	7.155E-02	5.125E-05	0.002E+00	0.002E+00	0.002E+00	1.945E-06	7.995E-04	3.075E-05	0.002E+00	3.595E-01	1.125E-01	1.995E-04	5.525E-07	4.195E-04	0.002E+00	0.002E+00	0.002E+00	7.425E-02
	RED721Y	1.345E-01	2.225E-02	0.002E+00	2.225E-02	0.002E+00	0.002E+00	1.468E-02	8.195E-03	6.495E-02	6.825E-04	0.002E+00	0.002E+00	0.002E+00	3.995E-03	7.275E-02	5.195E-05	0.002E+00	0.002E+00	0.002E+00	1.985E-06	7.945E-04	3.125E-05	0.002E+00	3.445E-01	1.195E-01	1.795E-04	5.895E-07	4.215E-04	0.002E+00	0.002E+00	0.002E+00	7.895E-02
	RED722X	1.265E-01	2.195E-02	0.002E+00	2.195E-02	0.002E+00	0.002E+00	1.465E-02	7.995E-03	6.325E-02	6.895E-04	0.002E+00	0.002E+00	0.002E+00	3.915E-03	7.415E-02	5.195E-05	0.002E+00	0.002E+00	0.002E+00	1.985E-06	7.945E-04	3.125E-05	0.002E+00	3.495E-01	1.195E-01	1.895E-04	5.895E-07	4.275E-04	0.002E+00	0.002E+00	0.002E+00	7.465E-02
	RED722Y	1.365E-01	2.225E-02	0.002E+00	2.225E-02	0.002E+00	0.002E+00	1.419E-02	7.995E-03	6.925E-02	6.725E-04	0.002E+00	0.002E+00	0.002E+00	3.895E-03	7.395E-02	5.095E-05	0.002E+00	0.002E+00	0.002E+00	1.975E-06	7.475E-04	2.995E-05	0.002E+00	3.535E-01	1.175E-01	1.725E-04	5.895E-07	4.195E-04	0.002E+00	0.002E+00	0.002E+00	7.895E-02
	REE500X	1.165E-01	1.995E-02	0.002E+00	1.995E-02	0.002E+00	0.002E+00	1.219E-02	6.895E-03	5.975E-02	5.995E-03	0.002E+00	0.002E+00	0.002E+00	3.275E-02	8.165E-01	4.495E-04	0.002E+00	0.002E+00	0.002E+00	1.995E-06	8.435E-03	3.515E-05	0.002E+00	2.795E-01	9.495E-01	1.925E-02	4.925E-06	3.495E-03	0.002E+00	0.002E+00	0.002E+00	6.935E-04
	REE500Y	1.515E-01	2.395E-02	0.002E+00	2.395E-02	0.002E+00	0.002E+00	1.979E-02	8.975E-03	7.195E-02	7.795E-03	0.002E+00	0.002E+00	0.002E+00	4.295E-02	8.135E-01	8.925E-04	0.002E+00	0.002E+00	0.002E+00	2.115E-06	8.395E-03	3.325E-05	0.002E+00	3.495E-01	1.235E-01	1.995E-02	5.995E-06	4.495E-03	0.002E+00	0.002E+00	0.002E+00	9.985E-04
	REE501X	1.095E-01	1.625E-02	0.002E+00	1.625E-02	0.002E+00	0.002E+00	1.165E-02	6.995E-03	4.795E-02	5.795E-03	0.002E+00	0.002E+00	0.002E+00	3.135E-02	8.915E-01	4.225E-04	0.002E+00	0.002E+00	0.002E+00	1.925E-06	8.145E-03	2.195E-05	0.002E+00	2.995E-01	9.325E-01	1.325E-02	4.425E-06	3.395E-03	0.002E+00	0.002E+00	0.002E+00	6.195E-04
	REE501Y	1.165E-01	1.995E-02	0.002E+00	1.995E-02	0.002E+00	0.002E+00	1.219E-02	6.895E-03	5.995E-02	5.995E-03	0.002E+00	0.002E+00	0.002E+00	3.295E-02	8.165E-01	4.495E-04	0.002E+00															

REQ0502Y	1.296-0	2.005-1	0.002-0	2.030-1	0.000-0	0.000-0	1.335-1	7.025-0	6.025-0	6.025-0	0.000-0	0.000-0	3.375-2	9.915-1	4.950-0	0.000-0	0.000-0	0.000-0	1.800-0	7.135-0	2.850-0	0.000-0	3.115-1	1.020-0	1.475-0	5.090-0	3.760-0	0.000-0	2.850-0	8.005-0	2.935-0	2.940-0	3.790-0	0.000-0	0.000-0	0.000-0	7.725-0
REQ0504X	1.295-0	1.985-1	0.000-0	1.985-1	0.000-0	0.000-0	1.265-1	7.485-0	6.555-0	6.465-0	0.000-0	0.000-0	3.465-2	9.725-1	4.815-0	0.000-0	0.000-0	0.000-0	1.755-0	6.955-0	2.740-0	0.000-0	2.995-1	1.015-0	1.635-0	4.955-0	3.665-0	0.000-0	2.740-0	8.025-0	2.740-0	2.750-0	3.695-0	0.000-0	0.000-0	0.000-0	7.465-0
REQ0504Y	1.295-0	2.005-1	0.000-0	2.030-1	0.000-0	0.000-0	1.335-1	7.985-0	6.055-0	6.055-0	0.000-0	0.000-0	3.395-2	9.915-1	4.950-0	0.000-0	0.000-0	0.000-0	1.805-0	7.155-0	2.845-0	0.000-0	3.125-1	1.025-0	1.475-0	5.095-0	3.765-0	0.000-0	2.845-0	8.005-0	2.945-0	2.950-0	3.795-0	0.000-0	0.000-0	0.000-0	7.765-0
REQ0506X	1.655-0	2.005-1	0.000-0	2.005-0	0.000-0	0.000-0	1.750-1	7.985-0	6.465-0	6.465-0	0.000-0	0.000-0	4.395-2	8.865-1	6.500-0	0.000-0	0.000-0	0.000-0	2.365-0	5.155-0	3.640-0	0.000-0	3.995-1	1.345-0	2.140-0	6.510-0	4.825-0	0.000-0	3.640-0	1.035-0	3.640-0	3.640-0	4.860-0	0.000-0	0.000-0	0.000-0	9.955-0
REQ0506Y	1.655-0	2.475-0	0.000-0	2.475-0	0.000-0	0.000-0	1.625-1	9.265-0	7.335-0	8.945-0	0.000-0	0.000-0	4.345-2	8.365-1	6.015-0	0.000-0	0.000-0	0.000-0	2.165-0	3.675-0	3.440-0	0.000-0	3.795-1	1.275-0	2.025-0	6.175-0	4.695-0	0.000-0	3.440-0	9.725-0	3.440-0	3.450-0	4.895-0	0.000-0	0.000-0	0.000-0	9.365-0
REQ0508X	1.965-0	3.065-1	0.000-0	3.065-1	0.000-0	0.000-0	2.035-1	1.165-07	9.355-0	1.015-02	0.000-0	0.000-0	5.445-2	1.055-1	7.550-0	0.000-0	0.000-0	0.000-0	2.745-0	1.995-0	4.320-0	0.000-0	4.795-1	1.605-0	2.595-0	7.755-0	5.775-0	0.000-0	4.320-0	1.235-0	4.320-0	4.320-0	5.775-0	0.000-0	0.000-0	0.000-0	1.165-03
REQ0508Y	1.665-0	2.625-1	0.000-0	2.625-1	0.000-0	0.000-0	1.725-1	9.025-0	7.765-0	8.935-0	0.000-0	0.000-0	4.895-2	9.915-1	6.365-0	0.000-0	0.000-0	0.000-0	2.325-0	3.295-0	3.690-0	0.000-0	4.025-1	1.395-0	2.150-0	6.595-0	4.985-0	0.000-0	3.690-0	1.035-0	3.690-0	3.690-0	4.895-0	0.000-0	0.000-0	0.000-0	9.955-0
REQ0510X	1.545-0	2.375-1	0.000-0	2.375-0	0.000-0	0.000-0	1.915-0	9.915-0	7.465-0	7.915-0	0.000-0	0.000-0	4.235-2	9.255-1	6.165-0	0.000-0	0.000-0	0.000-0	2.195-0	3.895-0	3.730-0	0.000-0	3.695-1	1.345-0	2.155-0	6.510-0	4.915-0	0.000-0	3.730-0	9.935-0	3.730-0	3.450-0	4.935-0	0.000-0	0.000-0	0.000-0	9.365-0
REQ0510Y	1.525-0	2.325-1	0.000-0	2.325-1	0.000-0	0.000-0	1.955-1	9.915-0	7.465-0	7.945-0	0.000-0	0.000-0	4.195-2	9.165-1	5.935-0	0.000-0	0.000-0	0.000-0	2.135-0	3.445-0	3.690-0	0.000-0	3.695-1	1.325-0	1.965-0	6.595-0	4.935-0	0.000-0	3.690-0	9.975-0	3.690-0	3.450-0	4.935-0	0.000-0	0.000-0	0.000-0	9.365-0
REQ0512X	1.985-0	2.645-1	0.000-0	2.645-1	0.000-0	0.000-0	1.985-1	9.265-0	7.935-0	8.945-0	0.000-0	0.000-0	4.235-2	9.335-1	5.995-0	0.000-0	0.000-0	0.000-0	2.165-0	3.675-0	3.790-0	0.000-0	3.795-1	1.385-0	2.035-0	6.035-0	4.940-0	0.000-0	3.790-0	9.795-0	3.790-0	3.475-0	4.945-0	0.000-0	0.000-0	0.000-0	9.925-0
REQ0512Y	1.535-0	2.365-1	0.000-0	2.365-1	0.000-0	0.000-0	1.975-1	9.145-0	7.775-0	7.935-0	0.000-0	0.000-0	4.235-2	9.275-1	5.915-0	0.000-0	0.000-0	0.000-0	2.165-0	3.595-0	3.700-0	0.000-0	3.745-1	1.395-0	2.115-0	6.540-0	4.935-0	0.000-0	3.700-0	9.975-0	3.700-0	3.430-0	4.935-0	0.000-0	0.000-0	0.000-0	9.445-0
REQ0516X	1.765-0	2.945-1	0.000-0	2.945-1	0.000-0	0.000-0	1.665-1	9.625-0	8.755-0	8.935-0	0.000-0	0.000-0	4.335-2	9.195-1	6.255-0	0.000-0	0.000-0	0.000-0	2.275-0	3.955-0	4.170-0	0.000-0	4.225-1	1.525-0	2.335-0	6.995-0	4.945-0	0.000-0	4.170-0	9.995-0	4.170-0	3.955-0	4.945-0	0.000-0	0.000-0	0.000-0	1.055-0
REQ0516Y	1.745-0	2.965-1	0.000-0	2.965-1	0.000-0	0.000-0	1.675-1	9.655-0	8.955-0	8.935-0	0.000-0	0.000-0	4.235-2	9.165-1	6.065-0	0.000-0	0.000-0	0.000-0	2.295-0	3.875-0	4.170-0	0.000-0	4.095-1	1.505-0	2.305-0	6.935-0	4.935-0	0.000-0	4.170-0	1.065-0	4.170-0	3.925-0	4.935-0	0.000-0	0.000-0	0.000-0	1.055-0
REQ0520X	2.005-0	3.125-1	0.000-0	3.125-1	0.000-0	0.000-0	1.765-1	1.075-07	9.255-0	1.025-0	0.000-0	0.000-0	4.795-2	9.645-1	6.905-0	0.000-0	0.000-0	0.000-0	2.935-0	3.955-0	4.340-0	0.000-0	4.795-1	1.625-0	2.615-0	6.175-0	5.035-0	0.000-0	4.340-0	1.235-0	4.340-0	4.495-0	5.035-0	0.000-0	0.000-0	0.000-0	1.165-0
REQ0520Y	1.995-0	3.115-1	0.000-0	3.115-1	0.000-0	0.000-0	1.775-1	1.055-07	9.215-0	1.045-0	0.000-0	0.000-0	4.745-2	9.495-1	6.815-0	0.000-0	0.000-0	0.000-0	2.475-0	3.915-0	4.330-0	0.000-0	4.775-1	1.605-0	2.605-0	6.175-0	5.025-0	0.000-0	4.330-0	1.235-0	4.330-0	4.495-0	5.025-0	0.000-0	0.000-0	0.000-0	1.165-0
REQ0524X	1.665-0	2.995-1	0.000-0	2.995-1	0.000-0	0.000-0	1.975-1	9.55-0	8.795-0	8.935-0	0.000-0	0.000-0	4.235-2	9.545-1	6.115-0	0.000-0	0.000-0	0.000-0	2.245-0	3.945-0	4.125-0	0.000-0	4.435-1	1.515-0	2.485-0	6.015-0	4.915-0	0.000-0	4.125-0	1.235-0	4.125-0	4.075-0	4.915-0	0.000-0	0.000-0	0.000-0	1.115-0
REQ0524Y	1.665-0	2.925-1	0.000-0	2.925-1	0.000-0	0.000-0	1.965-1	9.545-0	8.755-0	8.935-0	0.000-0	0.000-0	4.235-2	9.255-1	6.165-0	0.000-0	0.000-0	0.000-0	2.295-0	3.925-0	4.125-0	0.000-0	4.435-1	1.515-0	2.485-0	6.095-0	4.945-0	0.000-0	4.125-0	1.145-0	4.125-0	4.195-0	4.945-0	0.000-0	0.000-0	0.000-0	1.125-0
REU510Y	3.865-0	6.115-0	0.000-0	6.115-0	0.000-0	0.000-0	6.265-0	1.055-0	3.265-0	3.265-0	0.000-0	0.000-0	1.065-2	9.055-1	6.165-0	0.000-0	0.000-0	0.000-0	5.435-0	2.155-0	3.665-0	0.000-0	6.415-1	3.165-0	5.945-0	1.595-0	1.145-0	0.000-0	6.665-0	2.425-0	6.665-0	6.575-1	1.145-0	0.000-0	0.000-0	0.000-0	2.385-0
REU511X	2.795-0	4.255-0	0.000-0	4.355-0	0.000-0	0.000-0	2.655-0	1.655-0	1.255-0	1.425-0	0.000-0	0.000-0	7.995-2	1.445-1	1.095-0	0.000-0	0.000-0	0.000-0	3.895-0	1.535-0	3.895-0	0.000-0	6.095-1	2.245-0	3.995-0	1.995-0	6.115-0	0.000-0	6.095-1	1.725-0	3.995-0	6.095-1	6.115-0	0.000-0	0.000-0	0.000-0	1.695-0
REU512X	3.265-0	4.995-0	0.000-0	4.995-0	0.000-0	0.000-0	2.835-0	1.695-0	1.255-0	1.425-0	0.000-0	0.000-0	7.745-2	1.515-1	1.075-0	0.000-0	0.000-0	0.000-0	3.915-0	1.535-0	3.895-0	0.000-0	7.795-1	2.485-0	3.995-0	1.945-0	6.185-0	0.000-0	6.095-1	1.965-0	3.995-0	6.095-1	6.185-0	0.000-0	0.000-0	0.000-0	1.795-0
REU610Y	3.965-0	6.275-0	0.000-0	6.275-0	0.000-0	0.000-0	4.115-0	2.395-0	1.865-0	2.045-0	0.000-0	0.000-0	1.195-2	1.235-1	1.535-0	0.000-0	0.000-0	0.000-0	5.935-0	2.295-0	3.765-0	0.000-0	9.625-1	3.235-0	5.985-0	1.975-0	1.175-0	0.000-0	8.795-0	3.765-0	6.775-1	1.175-0	0.000-0	0.000-0	0.000-0	2.365-0	
REW111X	5.965-0	9.275-0	0.000-0	9.275-0	0.000-0	0.000-0	1.295-0	7.725-0	3.945-0	3.945-0	0.000-0	0.000-0	1.995-2	9.165-1	4.945-0	0.000-0	0.000-0	0.000-0	8.215-0	3.025-0	3.765-0	0.000-0	9.495-1	4.795-0	2.715-0	2.165-0	3.885-0	0.000-0	3.765-0	2.475-0	3.765-0	1.265-0	3.885-0	0.000-0	0.000-0	0.000-0	3.425-0
REW112X	5.945-0	8.775-0	0.000-0	8.775-0	0.000-0	0.000-0	9.975-0	3.275-0	2.775-0	2.935-0	0.000-0	0.000-0	1.945-2	9.335-1	2.995-0	0.000-0	0.000-0	0.000-0	8.035-0	2.995-0	1.175-0	0.000-0	1.415-1	4.465-0	6.755-0	2.235-0	1.985-0	0.000-0	1.175-0	3.695-0	1.175-0	1.225-0	1.985-0	0.000-0	0.000-0	0.000-0	3.335-0
REW112Y	5.935-0	8.765-0	0.000-0	8.765-0	0.000-0	0.000-0	9.975-0	3.275-0	2.775-0	2.935-0	0.000-0	0.000-0	1.945-2	9.335-1	2.995-0	0.000-0	0.000-0	0.000-0	8.035-0	2.995-0	1.165-0	0.000-0	1.415-1	4.465-0	6.755-0	2.235-0	1.985-0	0.000-0	1.165-0	3.695-0	1.165-0	1.225-0	1.985-0	0.000-0	0.000-0	0.000-0	3.335-0
REW113X	6.865-0	9.935-0	0.000-0	9.935-0	0.000-0	0.000-0	7.215-02	4.025-0	2.965-0	3.545-0	0.000-0	0.000-0	1.845-2	9.895-1	2.595-0	0.000-0	0.000-0	0.000-0	9.735-0	3.675-0	1.165-0	0.000-0	1.195-1	4.765-0	7.165-0	2.895-0	2.945-0	0.000-0	1.165-0	3.695-0	1.165-0	1.225-0	2.945-0	0.000-0	0.000-0	0.000-0	3.995-0
REW113Y	6.865-0	1.065-0	0.000-0	1.065-1	0.000-0	0.000-0	7.445-0	4.265-0	3.265-0	3.725-0	0.000-0	0.000-0	1.935-2	9.895-1	2.675-0	0.000-0	0.000-0	0.000-0	9.895-0	1.925-0	3.895-0	0.000-0	1.925-1	3.895-0	4.425-0	2.915-0	2.195-0	0.000-0	1.425-0	4.355-0	1.425-0	1.985-0	2.195-0	0.000-0	0.000-0	0.000-0	4.925-0
REW114X	1.095-0	1.675-1	0.000-0	1.675-0	0.000-0	0.000-0	1.095-0	6.465-0	3.945-0	3.945-0	0.000-0	0.000-0	3.275-2	9.165-1	4.945-0	0.000-0	0.000-0	0.000-0	5.995-0	3.395-0	3.765-0	0.000-0	2.975-1	5.945-0	1.330-0	6.515-0	4.935-0	0.000-0	3.765-0	6.515-0	2.165-0	3.945-0	0				

	1702120	1.3654	6.6952	1.1362	4.9692	0.0000	0.0000	7.0261	6.7147	6.4652	4.0204	0.0000	1.1862	5.3265	1.5751	7.3061	1.2964	4.2824	6.0244	8.6294	2.9452	4.6461	0.0000	6.2611	8.1361	9.4629	2.4249	6.2622	0.0000	4.6461	1.7426	4.6461	6.2621	6.2622	0.0000	0.0000	3.7162	
	1703116	2.6462	1.1862	2.2761	6.5562	0.0000	0.0000	1.3761	1.3627	1.2662	7.8662	0.0000	2.2364	1.0664	3.0611	1.4162	2.2662	7.8164	0.0000	1.0664	4.1616	9.8162	0.0000	1.2611	1.9612	1.9462	4.7667	1.2662	0.0000	9.8162	-7.8261	9.8162	1.0261	1.2662	0.0000	0.0000	7.7664	
	1712002	2.2664	1.0261	1.9662	8.3162	0.0000	0.0000	1.1662	1.1362	1.0664	6.7664	0.0000	2.2062	9.9462	2.6612	1.2462	0.0000	2.9664	1.4614	3.4162	7.8162	0.0000	1.0662	1.9662	1.9664	4.0766	1.9461	0.0000	7.8162	1.0262	1.9162	8.8961	1.9461	0.0000	0.0000	6.2662		
	1712102	3.9664	1.5161	2.8162	1.2261	0.0000	0.0000	1.9460	1.6766	1.8164	1.0000	0.0000	2.9662	1.3366	3.0612	1.8362	3.2264	1.9462	4.0664	2.1664	5.9462	1.1566	0.0000	1.0662	2.0264	2.3464	6.0666	1.9461	0.0000	1.1566	2.0264	1.9461	0.0000	0.0000	9.1662			
	1712103	3.6664	1.7962	2.8662	1.9761	0.0000	0.0000	1.8666	1.8466	1.8666	1.0666	0.0000	3.0662	1.3664	4.1612	2.2662	3.2664	1.7662	7.6762	2.8664	6.4262	1.2666	0.0000	1.8462	2.2364	2.9764	6.0666	1.7161	0.0000	1.2666	3.2366	1.2666	1.4266	1.7161	0.0000	0.0000	1.1562	
	1712402	4.0664	2.0261	3.1662	1.6461	0.0000	0.0000	2.3460	2.2366	2.1664	1.3462	0.0000	3.0662	1.7666	6.2612	2.4662	4.3264	1.3662	6.3764	2.8664	6.7662	1.5466	0.0000	2.0662	2.7066	3.1364	8.0462	2.9661	0.0000	1.5466	3.6366	1.5466	1.7966	2.0661	0.0000	0.0000	1.2662	
	1712403	3.0264	1.2661	2.9162	1.1361	0.0000	0.0000	1.9666	1.4666	1.4664	6.8664	0.0000	2.6462	1.1666	3.0612	1.6362	3.8164	1.9164	4.1162	1.0366	6.0662	1.3666	0.0000	1.3662	1.8164	2.0664	5.7366	1.9661	0.0000	1.0366	2.4666	1.0366	1.1766	1.3661	0.0000	0.0000	6.1662	
	1715102	3.9664	1.7661	3.1262	1.4361	0.0000	0.0000	2.6666	2.1766	2.0664	1.1662	0.0000	3.0662	1.5666	6.4612	2.1662	3.8164	2.5664	5.9666	2.5666	6.3662	1.3666	0.0000	1.6662	2.3664	2.7664	7.0166	2.9161	0.0000	1.3666	3.6166	1.3666	1.4666	1.9261	0.0000	0.0000	1.2662	
	1715103	4.3664	2.0661	3.4262	1.7961	0.0000	0.0000	2.1460	2.0666	1.2662	0.0000	0.0000	3.6562	1.6266	6.8762	2.1662	3.6264	1.9662	7.6762	3.1664	7.4662	1.8662	0.0000	1.9662	2.6364	3.9764	6.1766	2.9161	0.0000	1.4666	3.6166	1.4666	1.6666	2.9161	0.0000	0.0000	1.3262	
	1715402	3.9664	1.7761	2.2362	1.4461	0.0000	0.0000	2.2666	1.9666	1.8664	1.1762	0.0000	3.4662	1.9666	4.8612	2.1462	3.7664	1.2262	5.6264	2.9364	9.9162	1.3366	0.0000	1.6266	2.3766	2.7464	7.9466	1.9661	0.0000	1.3366	3.2366	1.3366	1.6266	1.9661	0.0000	0.0000	1.0762	
	1715403	4.2764	1.9161	3.1662	1.5561	0.0000	0.0000	2.2160	2.1166	2.0364	1.2762	0.0000	3.7162	1.8664	6.9462	2.3162	4.0664	1.3162	5.6664	2.7664	6.3762	1.4666	0.0000	1.9766	2.1664	2.9664	7.9666	1.9661	0.0000	1.4666	3.0666	1.4666	1.6666	1.9661	0.0000	0.0000	1.1662	
	1816500	3.9664	1.9761	2.8662	1.2861	0.0000	0.0000	1.8666	1.7566	1.8664	1.0462	0.0000	3.0662	1.3766	4.0612	1.9762	3.9664	1.1164	9.9464	2.2264	3.2662	1.1666	0.0000	1.8166	2.0664	2.4264	6.2266	1.6661	0.0000	1.1666	2.0266	1.1666	1.6661	0.0000	0.0000	9.9662		
	1835102	3.9664	1.9461	1.6662	1.5661	0.0000	0.0000	2.4666	2.1666	2.0664	1.2662	0.0000	3.7662	1.7766	6.1612	2.3662	4.1664	1.3662	5.6664	2.7464	6.4762	1.5666	0.0000	2.9662	2.5666	3.0064	7.7166	1.9661	0.0000	1.4666	3.6266	1.3666	1.4666	1.9661	0.0000	0.0000	1.9662	
	1835103	4.7664	2.2361	3.6762	1.9861	0.0000	0.0000	2.3160	2.3666	2.1764	1.4662	0.0000	3.9462	1.7466	5.2612	3.0762	4.2264	2.9162	1.1262	3.9464	6.4662	1.6466	0.0000	2.1266	2.9664	3.2464	9.1366	2.2361	0.0000	1.6466	4.2266	1.6466	1.8666	2.2361	0.0000	0.0000	1.3262	
	1835402	4.3664	1.9461	3.1662	1.5661	0.0000	0.0000	2.2560	2.1966	2.0764	1.2562	0.0000	3.8662	1.7266	5.0262	2.3962	4.1564	1.3362	5.9164	2.7364	6.4662	1.4666	0.0000	2.9662	2.8366	3.9164	7.7166	1.9661	0.0000	1.4666	3.6366	1.4666	1.6666	1.9661	0.0000	0.0000	1.1662	
	1835403	4.7664	2.2461	3.6762	1.9861	0.0000	0.0000	2.3260	2.3466	2.1964	1.3762	0.0000	3.9262	1.7466	5.2462	2.9962	4.2264	2.9762	8.9762	3.3664	6.9162	1.6266	0.0000	2.1266	2.9466	3.2264	8.6266	2.1761	0.0000	1.6266	4.1766	1.6266	1.6266	2.1761	0.0000	0.0000	1.4662	
	1901130	1.1264	5.9462	6.3262	4.1622	0.0000	0.0000	6.9261	5.9747	5.9742	3.9264	0.0000	9.9764	4.4626	1.3162	1.0264	1.0264	4.4624	1.7966	1.6966	3.9561	0.0000	0.0000	5.2661	6.7466	7.6262	2.9766	5.1762	0.0000	3.9561	4.1766	1.9666	4.3761	5.1762	0.0000	0.0000	6.7462	
	1901150	1.2664	5.9662	6.9662	4.3662	0.0000	0.0000	6.1666	5.9267	5.7662	3.9664	0.0000	4.7666	4.3666	1.6662	1.1464	1.3662	1.6664	1.6664	7.9766	1.7666	4.6664	0.0000	5.5261	7.1762	1.3662	2.1666	5.4662	0.0000	4.9661	1.6166	4.0661	4.9461	5.4662	0.0000	0.0000	3.2662	
	1901420	8.9264	3.9661	7.4662	3.7261	0.0000	0.0000	4.8266	4.4666	4.2664	2.8662	0.0000	7.8262	3.9466	1.0266	4.7662	8.9264	2.9462	0.6966	5.9764	1.2362	3.9466	0.0000	4.7166	3.3666	6.1964	1.9666	4.9661	0.0000	3.9466	7.4766	3.9466	3.4666	4.9661	0.0000	0.0000	2.2662	
	1901800	4.9666	2.0266	3.8162	1.6762	0.0000	0.0000	2.3761	2.2667	2.1662	1.3664	0.0000	4.0664	1.8166	5.9361	2.4662	4.3766	1.4162	6.6666	2.9662	6.6462	1.5661	0.0000	2.1161	2.7462	1.1766	6.1667	2.9662	0.0000	1.5661	3.9361	1.5661	1.7761	2.0662	0.0000	0.0000	1.2462	
	1901810	5.1962	2.5262	4.3162	1.8862	0.0000	0.0000	2.6661	2.6667	2.4762	1.9464	0.0000	4.9364	2.0966	6.0611	2.8762	4.6666	1.6662	7.7766	3.2662	7.7662	1.7761	0.0000	2.9662	3.1662	3.9666	9.2267	2.3662	0.0000	1.7761	4.4462	1.7761	2.9761	2.3662	0.0000	0.0000	1.4162	
	1902140	6.3166	2.9266	4.3462	2.2662	0.0000	0.0000	2.9666	3.0662	3.1267	3.2666	1.8764	0.0000	5.5264	2.4666	6.0262	6.9266	3.9466	3.9466	9.4662	3.9466	3.9466	0.0000	2.9662	3.7762	4.3766	1.1266	2.9662	0.0000	2.9662	7.9666	2.9662	2.9662	2.9662	0.0000	0.0000	1.7162	
	2301300	8.6664	3.8661	7.2662	3.1461	0.0000	0.0000	4.4666	4.2766	4.1264	2.9762	0.0000	7.8762	3.4266	1.0266	4.6662	8.2764	2.6662	1.0662	5.4664	1.2362	2.9666	0.0000	3.9966	5.1666	6.0664	1.9462	3.9661	0.0000	2.9666	7.0666	2.9666	3.9666	3.9661	0.0000	0.0000	2.2662	
	3000901	3.2664	1.4661	2.7162	1.1661	0.0000	0.0000	1.6666	1.6766	1.8664	6.6664	0.0000	2.8662	1.2666	3.7762	1.7662	3.1764	9.9664	4.4264	2.9664	4.6662	1.1166	0.0000	1.9662	1.9664	2.2664	9.7666	1.4661	0.0000	1.1166	2.7266	1.1166	1.2666	1.4661	0.0000	0.0000	8.6662	
	30010100	3.4766	1.3662	3.4664	6.6664	0.0000	0.0000	1.9662	1.6766	1.6666	1.0662	0.0000	3.1266	1.1662	4.4662	1.3664	3.7666	2.6667	1.2664	1.6666	3.7664	1.1662	0.0000	4.2761	2.0261	2.9166	5.4766	1.1662	0.0000	1.1662	2.1361	1.1662	1.3362	1.3362	0.0000	0.0000	7.0666	
	30391021	9.3666	4.1661	7.7262	3.3462	0.0000	0.0000	4.7161	4.6667	4.6166	2.7664	0.0000	8.0664	3.6766	1.0766	4.6662	8.0666	2.7662	4.7466	6.9766	1.3762	3.1662	0.0000	4.7662	4.1662	6.1662	4.4266	1.6466	4.2162	0.0000	3.1662	6.3262	3.1662	3.9661	4.2162	0.0000	0.0000	2.2662
	4013181	8.7664	3.9661	7.2662	3.1461	0.0000	0.0000	4.9166	4.6666	4.1664	2.8662	0.0000	7.6262	3.6666	1.0166	4.6662	8.3466	2.6664	1.9664	1.2662	3.9766	1.5666	0.0000	4.0166	3.2666	6.0664	1.9466	3.9661	0.0000	3.2666	2.9666	2.9766	3.9661	0.0000	0.0000	2.2462		
	5810121	8.2664	2.7961	3.2462	2.2761	0.0000	0.0000	3.2666	3.1066	3.0364	1.8662	0.0000	5.9762	2.4666	7.8612	3.3662	6.0264	1.8662	2.4664	3.9464	3.3062	2.1466	0.0000	2.9662	3.7966	4.3664	1.1766	2.8661	0.0000	2.1466	3.2766	2.1466	2.4366	2.8661	0.0000	0.0000	1.6662	
	5810251	4.3664	1.9661	3.6662	1.5661	0.0000	0.0000	2.2760	2.1766	2.0664	1.3662	0.0000	3.8262	1.7366	5.0762	2.3762	4.1664	1.3462	5.6664	2.7764	6.5562	1.9266	0.0000	2.9266	2.6266	3.9464	7.8666	2.9661	0.0000	1.5066	3.9466	1.9666	1.7966	2.0661	0.0000	0.0000	1.1662	
	5810252	4.3664	1.9661	3.6662	1.5661	0.0000	0.0000	2.2770	2.1776	2.0674	1.3672	0.0000	3.8262	1.7376	5.0772	2.3772	4.1674	1.3472	5.6674	2.7774	6.5572	1.9276	0.0000	2.9276	2.6276	3.9474	7.8676	2.9671	0.0000	1.5076								

	REE500Y	1.865-0	8.250-1	1.050-1	6.750-1	0.000-0	0.000-0	8.640-0	9.170-0	8.975-0	9.520-0	0.000-0	1.630-2	7.370-0	1.250-0	9.970-2	1.760-2	9.520-2	2.490-0	1.950-2	2.740-1	9.340-0	0.000-0	8.570-2	1.110-0	1.290-2	3.290-0	8.450-1	0.000-0	6.340-0	1.960-0	6.340-0	7.190-0	8.450-1	0.000-0	0.000-0	0.000-0	4.360-2	
	REE501X	2.760-0	1.240-1	2.330-2	1.010-1	0.000-0	0.000-0	1.450-0	1.380-0	1.380-0	8.260-0	0.000-0	2.440-2	1.110-0	3.230-1	1.550-2	2.970-0	8.370-1	1.430-1	1.750-0	4.140-2	9.330-1	0.000-0	1.280-1	1.670-0	1.940-0	4.950-0	1.270-1	0.000-0	9.530-1	1.060-0	9.330-1	1.080-0	1.270-1	0.000-0	0.000-0	0.000-0	7.330-2	
	REE501Y	8.860-0	3.600-1	7.750-2	2.930-1	0.000-0	0.000-0	1.170-0	3.980-0	3.950-0	2.260-2	0.000-0	7.930-1	3.990-0	3.740-1	4.370-2	7.720-0	2.470-2	9.900-0	5.100-0	1.290-2	2.760-0	0.000-0	3.770-0	8.930-0	9.680-0	1.420-0	3.980-1	0.000-0	2.000-0	2.970-0	2.980-0	2.790-0	3.120-0	3.980-1	0.000-0	0.000-0	0.000-0	2.950-2
	REH001X	8.410-0	3.750-1	7.000-2	3.050-1	0.000-0	0.000-0	1.350-0	4.190-0	4.000-0	2.490-2	0.000-0	7.930-1	3.320-0	3.740-1	4.590-2	8.940-0	2.970-2	1.040-2	5.310-0	1.250-1	2.970-0	0.000-0	3.770-0	9.100-0	9.970-0	1.530-0	1.460-0	3.930-1	0.000-0	2.870-0	3.640-0	2.870-0	3.380-1	0.000-0	0.000-0	0.000-0	2.260-2	
	REH002X	8.620-0	3.840-1	7.150-2	3.130-1	0.000-0	0.000-0	1.440-0	4.290-0	4.100-0	2.590-2	0.000-0	7.930-1	3.430-0	3.970-1	4.690-2	8.230-0	2.630-2	1.050-2	8.840-0	1.290-1	2.940-0	0.000-0	3.970-0	9.150-0	9.970-0	1.530-0	1.330-1	0.000-0	2.940-0	8.990-0	2.940-0	3.330-0	3.930-1	0.000-0	0.000-0	0.000-0	2.330-2	
	REH002Y	1.010-0	4.520-1	8.420-2	3.670-1	0.000-0	0.000-0	1.230-0	4.980-0	4.830-0	3.000-2	0.000-0	8.840-2	4.000-0	1.170-0	5.470-2	9.970-0	3.100-2	1.280-2	6.390-0	1.910-1	3.430-0	0.000-0	4.680-0	9.000-0	7.010-0	1.890-2	4.810-1	0.000-0	3.490-0	8.260-0	3.430-0	3.930-0	4.810-1	0.000-0	0.000-0	0.000-0	2.740-2	
	REH003X	9.770-0	4.360-1	8.130-2	3.550-1	0.000-0	0.000-0	1.600-0	4.920-0	4.850-0	2.900-2	0.000-0	8.840-2	3.980-1	1.130-0	5.280-2	9.430-0	2.940-2	1.220-2	6.170-0	1.460-1	3.430-0	0.000-0	4.930-0	9.840-0	6.770-0	1.740-2	4.450-1	0.000-0	3.340-0	7.970-0	3.340-0	3.780-0	4.450-1	0.000-0	0.000-0	0.000-0	2.850-2	
	REH004X	1.430-0	6.260-1	1.180-2	3.100-1	0.000-0	0.000-0	7.910-2	1.470-0	1.470-0	6.050-0	4.240-2	0.000-0	1.230-0	5.990-1	1.680-1	7.680-0	1.370-0	1.240-0	1.690-0	8.930-0	2.110-2	3.070-2	0.000-0	6.390-1	9.530-1	9.970-0	2.530-2	6.920-1	0.000-0	4.870-0	8.990-1	8.750-1	5.530-2	6.920-1	0.000-0	0.000-0	0.000-0	3.940-0
	REH004Y	2.760-0	1.240-1	2.330-2	1.010-1	0.000-0	0.000-0	1.440-0	1.370-0	1.370-0	8.260-0	0.000-0	2.430-2	1.100-0	3.230-1	1.550-2	2.960-0	8.360-1	4.110-1	1.760-0	4.160-2	9.330-1	0.000-0	1.280-1	1.660-0	1.930-0	4.950-0	1.270-1	0.000-0	9.530-1	1.060-0	9.330-1	1.080-0	1.270-1	0.000-0	0.000-0	0.000-0	7.330-2	
	REH039Y	3.620-0	3.600-0	7.140-0	1.130-0	0.000-0	0.000-0	3.470-0	1.450-1	2.380-0	2.380-2	0.000-0	3.680-2	2.390-2	3.380-1	2.330-0	7.030-0	7.980-0	1.070-0	2.930-0	6.130-0	1.180-0	0.000-0	2.490-1	1.710-2	3.320-0	4.330-1	1.220-0	0.000-0	1.160-0	1.030-1	1.180-0	1.380-0	1.220-0	0.000-0	0.000-0	0.000-0	9.470-1	
	REH100X	8.910-0	3.910-0	7.330-0	3.180-0	0.000-0	0.000-0	1.460-2	4.340-0	4.200-0	2.610-2	0.000-0	7.760-2	3.490-1	1.020-1	4.750-0	8.440-0	2.630-0	2.370-0	5.520-0	1.390-1	3.000-2	0.000-0	4.060-1	5.260-1	1.100-0	1.940-2	4.010-1	0.000-0	3.060-2	5.770-1	3.060-2	3.410-2	4.010-1	0.000-0	0.000-0	0.000-0	2.370-0	
	REH100Y	3.360-2	3.190-0	3.220-0	9.890-0	0.000-0	0.000-0	1.910-2	1.840-0	1.790-1	1.030-0	0.000-0	3.030-0	1.490-1	4.230-1	4.750-0	1.460-1	1.850-0	1.020-1	1.700-2	3.970-0	1.150-2	0.000-0	1.940-1	1.890-2	2.420-1	9.840-0	1.930-0	0.000-0	1.150-0	1.690-1	1.930-0	1.930-0	1.930-0	0.000-0	0.000-0	0.000-0	7.930-0	
	REH311X	1.030-0	6.980-1	1.270-2	3.530-1	0.000-0	0.000-0	7.910-2	1.730-0	1.730-0	6.330-0	4.500-2	0.000-0	1.340-0	6.090-1	1.710-1	8.230-0	1.380-0	9.950-0	9.910-0	2.190-2	3.070-2	0.000-0	4.870-1	9.070-1	7.030-0	1.990-2	2.710-2	6.970-1	1.080-0	4.820-2	9.940-0	9.950-1	5.220-2	9.940-0	0.000-0	0.000-0	0.000-0	4.130-0
	REH312X	1.060-0	4.730-2	8.830-2	3.830-2	0.000-0	0.000-0	5.470-1	5.220-2	5.040-2	3.140-0	0.000-0	9.230-0	4.180-2	1.220-1	5.730-2	1.070-0	3.250-1	1.430-0	6.690-2	1.390-2	3.610-0	0.000-0	4.870-1	6.330-1	7.340-0	1.880-0	4.930-2	0.000-0	3.610-1	8.830-2	3.610-1	4.180-1	4.830-2	0.000-0	0.000-0	0.000-0	2.870-2	
	REH312Y	9.790-0	4.350-1	8.130-2	3.550-2	0.000-0	0.000-0	1.500-1	4.920-2	4.850-2	2.930-0	0.000-0	8.840-0	3.980-0	1.130-1	5.290-2	9.340-0	3.000-1	1.300-0	6.170-0	1.460-1	3.430-1	0.000-0	4.930-1	9.840-1	6.770-0	1.740-2	4.450-1	0.000-0	3.340-1	8.130-2	3.340-1	3.780-1	4.450-2	0.000-0	0.000-0	0.000-0	2.850-2	
	REK320Y	7.630-2	3.490-2	8.340-3	2.770-2	0.000-0	0.000-0	3.940-1	3.760-2	3.720-2	2.260-0	0.000-0	6.690-0	3.910-0	8.820-1	4.130-2	6.290-0	2.340-1	1.010-0	4.910-0	1.140-2	2.830-1	0.000-0	2.910-0	4.950-1	5.280-1	1.390-0	3.460-2	0.000-0	2.000-1	3.720-2	2.930-1	2.990-1	3.490-2	0.000-0	0.000-0	0.000-0	0.000-0	2.070-2
	REK001Y	5.660-0	2.920-1	7.130-2	2.920-1	0.000-0	0.000-0	1.230-0	2.930-0	2.790-0	2.790-2	1.650-2	0.000-0	4.950-2	2.240-0	6.950-1	7.420-0	2.950-0	3.950-0	8.450-2	3.950-0	3.950-0	0.000-0	2.910-0	3.980-0	3.950-0	1.090-0	2.950-0	1.930-0	0.000-0	3.620-0	1.930-0	2.190-0	2.940-1	0.000-0	0.000-0	0.000-0	1.030-2	
	REK009X	3.910-0	1.680-1	3.060-2	1.340-1	0.000-0	0.000-0	1.020-0	1.860-0	1.770-0	1.100-2	0.000-0	3.940-0	1.470-0	3.260-1	1.990-2	3.980-0	1.110-2	2.930-0	2.330-0	5.930-2	1.250-0	0.000-0	1.710-0	2.210-0	2.970-0	6.910-0	1.660-1	0.000-0	1.290-0	2.980-0	1.930-0	1.430-0	1.660-1	0.000-0	0.000-0	0.000-0	9.980-1	
	REK009Y	3.920-0	1.750-1	2.190-2	1.390-1	0.000-0	0.000-0	1.960-0	1.890-0	1.920-0	1.100-2	0.000-0	3.940-2	1.910-0	4.430-1	2.990-2	3.990-0	1.100-2	2.990-0	2.400-0	5.970-2	1.300-0	0.000-0	1.760-0	2.290-0	2.690-0	6.760-0	1.740-1	0.000-0	1.330-0	2.720-0	1.390-0	1.480-0	1.740-1	0.000-0	0.000-0	0.000-0	1.030-2	
	REK118S	4.630-0	2.920-1	3.890-2	1.670-1	0.000-0	0.000-0	1.420-0	2.290-0	2.210-0	1.370-2	0.000-0	4.060-2	1.840-0	3.960-1	2.490-2	4.440-0	1.370-2	0.000-0	2.990-0	6.930-2	1.990-0	0.000-0	2.130-0	2.780-0	2.710-0	6.190-0	2.110-1	0.000-0	1.590-0	3.970-0	1.980-0	1.750-0	2.110-1	0.000-0	0.000-0	0.000-0	1.240-2	
	REK121X	1.360-2	6.980-1	1.160-1	4.990-1	0.000-0	0.000-0	7.770-0	6.770-0	6.940-0	4.090-2	0.000-0	1.200-2	3.490-0	1.890-0	7.280-2	1.330-2	3.890-0	2.260-1	8.920-0	2.910-1	4.690-0	0.000-0	4.990-0	6.930-0	9.980-0	2.420-0	6.250-1	0.000-0	4.690-0	4.990-0	5.320-0	6.250-1	0.000-0	0.000-0	0.000-0	3.960-2		
	REK221X	1.020-0	4.520-0	8.420-2	3.660-2	0.000-0	0.000-0	7.910-2	1.730-0	1.730-0	6.330-0	4.500-2	0.000-0	1.340-0	6.090-1	1.710-1	8.230-0	1.380-0	9.950-0	9.910-0	2.190-2	3.070-2	0.000-0	4.870-1	9.070-1	7.030-0	1.990-2	2.710-2	6.970-1	1.080-0	4.820-2	9.940-0	9.950-1	5.220-2	9.940-0	0.000-0	0.000-0	0.000-0	2.740-2
	REK241X	4.060-0	1.820-1	3.360-2	1.480-1	0.000-0	0.000-0	2.210-0	2.020-0	1.940-0	1.210-2	0.000-0	3.970-0	1.810-0	4.720-1	2.210-2	3.990-0	1.250-2	5.670-0	2.990-0	6.100-2	3.000-0	0.000-0	1.890-0	2.440-0	2.630-0	7.290-0	1.890-1	0.000-0	1.390-0	3.430-0	1.390-0	1.590-0	1.890-1	0.000-0	0.000-0	0.000-0	1.110-2	
	REK241Y	2.650-0	1.170-1	2.180-2	9.910-2	0.000-0	0.000-0	1.340-0	1.290-0	1.290-0	7.760-0	0.000-0	2.990-2	1.020-0	3.090-1	1.430-2	2.470-0	8.210-0	3.990-0	1.990-0	3.930-2	8.870-1	0.000-0	1.760-0	1.930-0	1.890-0	4.690-0	1.180-1	0.000-0	8.970-1	2.160-0	8.870-1	1.210-0	1.190-1	0.000-0	0.000-0	0.000-0	7.160-1	
	REK300X	4.360-0	1.210-1	9.140-0	6.890-0	0.000-0	0.000-0	2.840-2	2.030-0	2.030-0	1.360-2	0.000-0	4.070-0	2.290-1	2.830-2	7.890-0	5.470-0	1.830-0	3.860-0	1.140-0	2.260-0	1.470-2	0.000-0	2.180-1	2.440-1	3.330-0	5.940-0	1.930-0	0.000-0	1.470-2	6.810-0	1.470-2	1.690-2	1.930-0	0.000-0	0.000-0	0.000-0	4.750-0	
	REK302X	5.390-0	2.460-1	4.490-2	1.990-1	0.000-0	0.000-0	2.760-0	2.880-0	2.970-0	1.690-2	0.000-0	4.710-0	2.130-0	3.240-1	2.970-2	5.470-0	1.690-2	4.690-0	3.990-0	8.910-2	1.940-0	0.000-0	2.990-0	4.220-0	3.730-0	9.910-0	2.460-1	0.000-0	1.840-0	6.910-0	1.940-0	2.980-0	2.460-1	0.000-0	0.000-0	0.000-0	1.460-2	
	REK350X	5.490-0	2.900-1	3.020-2	1.660-1	0.000-0	0.000-0	3.900-0	3.960-0	3.960-0	2.260-2	0.000-0	4.000-0	1.810-0	3.240-1	2.970-2	4.970-0	1.360-0	2.990-0	2.890-0	4.710-0	3.170-0	0.00																

Use B1-B7	REW113X	6.6454	2.9651	9.5252	2.4151	0.0000	0.0000	3.4359	3.2954	3.7654	1.9755	0.0000	5.8952	2.6259	7.6951	3.5952	6.3354	2.0252	8.1454	4.1954	9.9352	2.2759	0.0000	3.9952	3.9754	4.6954	1.1954	3.0251	0.0000	2.2759	5.3952	2.2759	2.5759	3.9351	0.0000	0.0000	0.0000	1.8952
	REW113Y	6.6454	3.0651	9.6652	2.4651	0.0000	0.0000	3.5359	3.3754	3.8654	2.0255	0.0000	5.9652	2.7059	7.8151	3.7052	6.4354	2.0652	8.4654	4.3154	1.0251	2.3259	0.0000	3.1851	4.0654	4.7454	1.2154	3.1251	0.0000	2.3359	5.4952	2.3254	2.6951	3.1251	0.0000	0.0000	0.0000	1.8952
	REW114X	1.1452	5.0751	6.4252	4.1351	0.0000	0.0000	8.9759	5.0154	5.4754	2.3755	0.0000	9.9352	4.4951	1.3154	9.1252	1.0952	2.4652	1.9951	7.1954	1.7951	2.7951	0.0000	5.2259	6.7759	7.6754	2.0251	5.1951	0.0000	3.8959	9.9952	3.9951	4.4951	5.1951	0.0000	0.0000	0.0000	3.9952
	REW114Y	6.6454	3.0651	9.6652	2.4151	0.0000	0.0000	3.4359	3.2954	3.7654	1.9755	0.0000	5.8952	2.6259	7.6951	3.5952	6.3354	2.0252	7.9954	4.1954	9.9352	2.2759	0.0000	3.9952	3.9754	4.6954	1.1954	3.0251	0.0000	2.2759	5.4952	2.2759	2.5759	3.9351	0.0000	0.0000	0.0000	1.8952
	REW115X	6.7054	2.9951	9.5752	2.4351	0.0000	0.0000	3.4659	3.3054	3.7854	1.9954	0.0000	5.9052	2.6359	7.7351	3.6252	6.4054	2.0452	7.7954	4.2254	9.9552	2.2959	0.0000	3.9952	4.0054	4.6954	1.1952	3.0551	0.0000	2.2959	5.3952	2.2959	2.5951	3.9551	0.0000	0.0000	0.0000	1.9152
	REW115Y	6.6954	2.9351	9.4952	2.3851	0.0000	0.0000	3.3959	3.2459	3.7354	1.9554	0.0000	5.7952	2.5959	7.6351	3.5452	6.3754	2.0052	7.6154	4.1454	9.7752	2.2459	0.0000	3.9259	3.9254	4.5454	1.1952	2.9951	0.0000	2.2459	5.3459	2.2459	2.5459	3.9051	0.0000	0.0000	0.0000	1.7952
	REW126X	8.6954	3.9751	7.2351	3.1351	0.0000	0.0000	4.4959	4.2954	4.1454	4.1454	0.0000	7.9352	3.4351	1.0959	4.6952	6.9354	2.8951	1.0152	5.4954	1.2951	2.9959	0.0000	4.0952	5.1954	6.0254	1.9451	3.9951	0.0000	2.9959	6.9452	3.9951	3.3951	3.9951	0.0000	0.0000	0.0000	2.3952
	REW126Y	9.6954	4.4951	6.9352	3.6351	0.0000	0.0000	4.7954	4.7954	4.7954	4.7954	0.0000	8.7352	3.9351	1.1959	5.3952	6.9354	3.0951	1.1952	6.9354	1.4951	2.7951	0.0000	4.3952	5.9354	6.9154	1.7151	4.9351	0.0000	3.4951	8.9352	3.4151	3.9951	4.9351	0.0000	0.0000	0.0000	2.7952
	REW127X	8.3154	4.8151	3.3952	2.2951	0.0000	0.0000	3.2759	3.1154	3.0154	1.9755	0.0000	5.9251	2.5959	7.3151	3.4952	6.9454	1.9152	5.7754	3.9754	9.3952	2.1559	0.0000	2.9154	3.7754	4.3754	1.1251	2.9951	0.0000	2.1959	4.7954	2.1951	2.4451	2.9951	0.0000	0.0000	0.0000	1.7152
	REW127Y	9.1954	4.1951	7.9452	3.3351	0.0000	0.0000	4.7959	4.9354	4.9754	2.7251	0.0000	8.9352	3.9351	1.0959	4.9952	6.7954	2.8952	1.0951	9.7954	1.3751	3.1959	0.0000	4.2351	4.4951	6.3954	1.9251	4.1951	0.0000	3.1359	7.2751	3.1951	3.9951	4.1951	0.0000	0.0000	0.0000	2.4952
	REW211Y	6.9154	3.0751	9.7952	2.4951	0.0000	0.0000	3.5959	3.4154	3.9054	2.0951	0.0000	6.0952	2.7454	8.0951	3.7152	6.9254	2.0652	2.4954	4.3954	1.0251	2.3959	0.0000	3.1954	4.1354	4.7954	1.2251	3.1951	0.0000	2.3959	5.7951	2.3951	2.6751	3.1951	0.0000	0.0000	0.0000	1.9952
	REW306X	8.9354	3.7451	6.9752	3.9451	0.0000	0.0000	4.3359	4.4954	3.9954	2.4951	0.0000	7.9351	3.3154	1.9951	4.9352	6.9354	2.9751	1.1451	9.2954	1.2951	2.9959	0.0000	3.9952	5.9154	5.9154	1.4951	3.9251	0.0000	2.9959	7.0951	2.9951	3.9451	3.9251	0.0000	0.0000	0.0000	2.7752
	REW307X	9.1954	4.9751	9.7952	3.3151	0.0000	0.0000	4.7959	4.4954	4.3954	2.7951	0.0000	7.9952	3.9951	1.0959	4.9952	6.7954	2.8951	1.1451	9.2954	1.2951	2.9959	0.0000	4.1952	5.4454	6.3154	1.9251	4.1951	0.0000	3.1359	7.9951	3.1151	3.5251	4.1951	0.0000	0.0000	0.0000	2.4752
	REW310X	1.3952	5.9151	1.9951	4.7351	0.0000	0.0000	6.7259	6.4254	6.1954	3.9951	0.0000	1.1452	5.1451	1.9359	7.9452	1.2452	3.9951	1.7951	8.2254	1.9451	4.4959	0.0000	5.9952	7.7951	9.9154	2.3151	5.9351	0.0000	4.4451	1.0951	4.4451	5.9351	5.9351	0.0000	0.0000	0.0000	3.3952
	REW318Y	3.4454	1.5251	2.9952	1.2951	0.0000	0.0000	1.7959	1.7954	1.9454	1.9251	0.0000	3.9152	1.3954	3.9951	1.9952	3.2954	1.9252	3.9954	2.1754	5.1251	1.1759	0.0000	1.5952	2.9951	3.9954	6.1754	1.9751	0.0000	1.1759	2.7151	1.1751	1.3251	1.9751	0.0000	0.0000	0.0000	9.3152
	REW406X	8.2754	3.9951	6.9752	3.9951	0.0000	0.0000	4.2759	4.9954	4.9954	2.4951	0.0000	7.2351	3.2754	9.9951	4.4752	6.2954	2.9251	9.9954	5.2754	1.2351	2.9259	0.0000	4.9952	4.9451	5.7354	1.4751	3.7751	0.0000	2.9259	6.9951	2.9251	3.2951	3.7751	0.0000	0.0000	0.0000	2.2452
	REW407X	1.1952	5.2951	6.7352	4.2751	0.0000	0.0000	6.9959	5.9154	5.9954	2.9951	0.0000	1.0351	4.9951	1.9951	7.1252	1.7951	3.9951	1.9152	7.4254	1.7951	4.9951	0.0000	5.4251	6.7454	6.1954	2.9951	5.2751	0.0000	4.9951	6.9951	6.9951	4.9951	5.7751	0.0000	0.0000	0.0000	3.7452
	REW410X	1.1952	6.9151	1.2751	5.9451	0.0000	0.0000	8.9959	7.7954	7.2954	4.9251	0.0000	1.9351	6.9154	1.9951	8.2952	1.4451	4.9751	9.4951	9.4954	2.2751	5.2159	0.0000	7.9259	9.1251	1.9951	2.7151	6.9951	0.0000	5.2159	1.2951	5.2151	5.9951	6.9951	0.0000	0.0000	0.0000	4.1352
	RTD200X	2.3954	1.0951	1.9152	8.9252	0.0000	0.0000	1.1959	1.1754	1.1954	9.9954	0.0000	2.0251	9.9951	2.9951	1.3452	2.2954	8.4751	1.8951	1.9954	3.7752	8.9451	0.0000	1.0751	1.4151	1.6254	4.2951	1.9951	0.0000	8.9451	2.0751	8.9451	9.1251	1.9951	0.0000	0.0000	0.0000	6.7252
	RTD210X	7.1954	3.9951	9.7952	2.7951	0.0000	0.0000	3.9959	3.9954	3.9954	2.1251	0.0000	7.9152	2.9351	9.9251	4.1452	6.9454	2.7152	7.9951	4.9954	1.1951	2.4959	0.0000	3.2952	4.3251	4.9454	1.3151	3.2951	0.0000	2.4959	6.1751	2.4951	2.7951	3.2951	0.0000	0.0000	0.0000	2.9952
	RTD220X	6.4952	2.9951	9.2951	2.3252	0.0000	0.0000	3.3951	3.1952	3.1952	1.9154	0.0000	5.9954	2.9951	7.4951	3.4952	6.1951	0.0000	4.0351	9.9351	2.2951	0.0000	2.9951	3.9951	4.4951	1.1451	2.9452	0.0000	2.2951	5.4951	2.2951	2.9951	2.9452	0.0000	0.0000	0.0000	1.7952	
	RTN550X	5.1954	2.9951	4.2752	1.9951	0.0000	0.0000	2.9959	2.9954	2.9954	1.9151	0.0000	4.4951	2.9951	1.9951	7.9952	3.9951	3.9951	5.9951	9.9154	3.2951	2.3951	0.0000	2.9952	3.9951	9.9154	9.9154	3.2951	0.0000	1.9951	4.2951	1.9951	2.3251	2.9951	0.0000	0.0000	0.0000	3.3952
	RTQ520X	2.1952	9.9951	1.7951	7.9351	0.0000	0.0000	1.0951	1.9452	1.0951	8.2451	0.0000	1.9452	8.3154	2.4351	1.1451	2.9151	6.4251	2.4751	1.3351	3.1451	7.1959	0.0000	9.9952	1.2951	1.4951	3.7451	9.9951	0.0000	7.1951	1.9951	7.1951	8.1451	9.9951	0.0000	0.0000	0.0000	5.7952
	RTQ520Y	2.9951	8.9151	1.9951	7.2951	0.0000	0.0000	1.0951	9.9954	9.9954	9.9951	0.0000	1.7951	7.9951	2.3151	1.0951	1.9151	6.1951	2.9951	1.3951	2.9951	2.9951	0.0000	9.9952	1.1951	1.3951	3.9951	9.1151	0.0000	6.9951	1.9951	6.9251	7.2951	9.1151	0.0000	0.0000	0.0000	5.4152
	RTQ521X	1.8951	8.2951	1.9451	6.7351	0.0000	0.0000	9.9959	9.1954	9.3951	9.3951	0.0000	1.6251	7.3451	2.1951	1.9951	1.7951	9.9951	2.9951	1.1751	2.7751	8.3459	0.0000	9.1951	1.1151	1.2951	3.3951	8.4951	0.0000	6.3451	1.9951	6.3451	7.1951	8.4951	0.0000	0.0000	0.0000	5.9252
	RTQ521Y	1.9951	8.9451	1.9951	7.1951	0.0000	0.0000	1.0951	9.7951	9.9954	9.9951	0.0000	1.7351	7.9451	2.2951	1.0751	1.9951	9.9951	2.9951	1.2951	2.9951	8.7759	0.0000	9.1951	1.1951	1.3751	3.9251	9.9451	0.0000	8.7751	1.9951	8.7751	9.9451	0.0000	0.0000	0.0000	5.9752	
	RTQ640X	2.9751	9.9951	1.7351	1.7351	0.0000	0.0000	1.0951	9.9754	9.1951	9.9754	0.0000	1.9151	8.1951	1.9151	1.9951	3.9951	3.9951	2.4951	1.3151	3.9951	3.9951	0.0000	9.9952	1.2451	1.4951	3.9951	9.9951	0.0000	7.9951	1.9951	2.9951	8.9951	9.9951	0.0000	0.0000	0.0000	5.9252
	RTQ641X	3.9954	3.2951	1.7751	1.4951	9.3951	0.0000	1.9159	1.9254	1.9954	1.9954	0.0000	3.9952	1.4354	1.1351	1.9452	3.9954	1.7951	9.9452	8.9954	4.9951	1.3959	0.0000	1.9952	2.3351	2.7754	8.4251	1.7951	0.0000	1.3959	6.9451	1.3951	1.4951	1.7951	0.0000	0.0000	0.0000	1.1252
	RTQ800X	5.9954	2.9951	9.1951	2.9351	0.0000	0.0000	2.9959	2.7951	2.9754	1.9751	0.0000	4.1951	2.2951	9.1951	2.9752	5.3254	1.9451	0.0000	3.9254	9.9951	1.9951	0.0000	2.9751	3.3154	3.9954	1.9351	2.9351	0.0000	1.9951	7							

	30010100	1.100+1	2.140+1	4.130+2	2.130+1	0.000+0	0.000+0	3.980+1	5.600+0	1.300+2	2.140+1	0.000+0	8.900+1	2.000+0	6.420+0	3.900+1	5.910+1	0.000+0	0.000+0	3.800+2	3.900+0	3.980+0	0.000+0	1.030+1	8.830+1	4.200+2	8.240+4	1.410+2	0.000+0	5.380+2	7.520+0	5.380+2	6.800+2	1.410+2	0.000+0	0.000+0	0.000+0	1.040+2
	30391021	1.600+2	3.210+0	8.160+3	3.200+0	0.000+0	0.000+0	5.900+0	8.300+0	2.000+3	3.210+2	0.000+0	1.330+1	4.030+1	8.610+0	4.900+0	8.840+0	0.000+0	0.000+0	5.710+2	5.370+1	8.600+1	0.000+0	1.540+1	1.320+1	6.200+2	1.230+4	2.110+1	0.000+0	6.000+1	1.180+0	8.000+1	1.020+2	2.110+1	0.000+0	0.000+0	0.000+0	2.800+1
	4013181	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	
	50110121	2.800+0	5.900+1	1.020+3	5.900+1	0.000+0	0.000+0	1.000+0	1.400+0	3.470+0	5.970+3	0.000+0	2.440+2	6.990+1	1.670+0	7.900+1	1.540+2	0.000+0	0.000+0	1.000+2	3.200+1	1.400+1	0.000+0	6.000+0	2.000+2	1.000+3	2.100+2	3.710+0	0.000+0	1.400+1	1.070+1	1.400+1	1.770+1	3.710+0	0.000+0	0.000+0	0.000+0	4.200+2
	5810251	2.420+2	4.720+0	8.100+3	4.700+0	0.000+0	0.000+0	8.760+0	1.200+0	2.940+2	4.720+3	0.000+0	1.960+1	5.930+1	1.410+0	6.720+0	1.300+1	0.000+0	0.000+0	8.400+2	7.890+1	1.190+2	0.000+0	2.200+0	1.900+1	9.200+3	1.820+4	3.110+1	0.000+0	1.190+2	1.600+0	1.190+2	1.930+2	3.110+1	0.000+0	0.000+0	0.000+0	3.810+1
	5810252	2.420+2	4.720+0	8.100+3	4.700+0	0.000+0	0.000+0	8.760+0	1.200+0	2.940+2	4.720+3	0.000+0	1.960+1	5.930+1	1.410+0	6.720+0	1.300+1	0.000+0	0.000+0	8.400+2	7.890+1	1.190+2	0.000+0	2.200+0	1.900+1	9.200+3	1.820+4	3.110+1	0.000+0	1.190+2	1.600+0	1.190+2	1.930+2	3.110+1	0.000+0	0.000+0	0.000+0	3.810+1
	5810790	6.000+0	6.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0	0.000+0		
	5812010	6.200+0	1.220+1	2.300+2	1.210+1	0.000+0	0.000+0	2.260+1	3.100+0	7.600+1	1.220+1	0.000+0	5.060+1	1.930+0	3.800+0	1.740+1	3.960+1	0.000+0	0.000+0	2.100+2	2.940+0	3.900+2	0.000+0	5.600+0	5.030+1	2.300+2	4.600+4	8.000+1	0.000+0	3.000+2	4.200+0	3.000+2	3.970+2	8.000+1	0.000+0	0.000+0	0.000+0	9.300+1
	5812040	6.200+0	1.220+1	2.300+2	1.210+1	0.000+0	0.000+0	2.260+1	3.100+0	7.600+1	1.220+1	0.000+0	5.060+1	1.930+0	3.800+0	1.740+1	3.960+1	0.000+0	0.000+0	2.100+2	2.940+0	3.900+2	0.000+0	5.600+0	5.030+1	2.300+2	4.600+4	8.000+1	0.000+0	3.000+2	4.200+0	3.000+2	3.970+2	8.000+1	0.000+0	0.000+0	0.000+0	9.300+1
	5812340	8.600+2	1.600+1	3.100+2	1.600+1	0.000+0	0.000+0	3.100+1	4.400+0	1.000+2	3.100+2	0.000+0	7.300+1	2.120+0	5.600+0	2.420+1	4.600+1	0.000+0	0.000+0	3.000+2	2.940+0	4.200+2	0.000+0	8.100+0	8.000+1	3.710+2	6.030+4	1.100+2	0.000+0	4.200+2	5.600+0	4.200+2	3.900+2	1.100+2	0.000+0	0.000+0	0.000+0	1.200+2
	8500009	3.900+2	7.500+0	1.400+2	7.500+0	0.000+0	0.000+0	1.410+1	1.900+0	4.700+2	7.500+2	0.000+0	3.150+1	9.530+1	2.270+0	1.000+1	2.000+1	0.000+0	0.000+0	1.300+2	1.270+0	1.910+2	0.000+0	3.400+0	3.120+1	1.400+2	2.920+4	4.900+1	0.000+0	1.910+2	2.600+0	1.910+2	2.400+2	4.900+1	0.000+0	0.000+0	0.000+0	5.600+1
	REA114Y	4.400+2	8.600+0	1.670+2	8.600+0	0.000+0	0.000+0	1.610+1	2.270+0	5.470+2	8.600+2	0.000+0	3.810+1	1.000+0	2.600+0	1.240+1	2.300+1	0.000+0	0.000+0	1.900+2	1.490+0	2.180+2	0.000+0	4.170+0	3.900+1	1.700+2	3.340+4	5.720+1	0.000+0	2.180+2	3.050+0	2.180+2	2.750+2	5.720+1	0.000+0	0.000+0	0.000+0	8.640+1
	REA115S	4.400+2	8.600+0	1.670+2	8.600+0	0.000+0	0.000+0	1.610+1	2.270+0	5.470+2	8.600+2	0.000+0	3.810+1	1.000+0	2.600+0	1.240+1	2.300+1	0.000+0	0.000+0	1.900+2	1.490+0	2.180+2	0.000+0	4.170+0	3.900+1	1.700+2	3.340+4	5.720+1	0.000+0	2.180+2	3.050+0	2.180+2	2.750+2	5.720+1	0.000+0	0.000+0	0.000+0	8.640+1
	REA117S	4.400+2	8.600+0	1.670+2	8.600+0	0.000+0	0.000+0	1.610+1	2.270+0	5.470+2	8.600+2	0.000+0	3.810+1	1.000+0	2.600+0	1.240+1	2.300+1	0.000+0	0.000+0	1.900+2	1.490+0	2.180+2	0.000+0	4.170+0	3.900+1	1.700+2	3.340+4	5.720+1	0.000+0	2.180+2	3.050+0	2.180+2	2.750+2	5.720+1	0.000+0	0.000+0	0.000+0	8.640+1
	REA118S	4.400+2	8.600+0	1.670+2	8.600+0	0.000+0	0.000+0	1.610+1	2.270+0	5.470+2	8.600+2	0.000+0	3.810+1	1.000+0	2.600+0	1.240+1	2.300+1	0.000+0	0.000+0	1.900+2	1.490+0	2.180+2	0.000+0	4.170+0	3.900+1	1.700+2	3.340+4	5.720+1	0.000+0	2.180+2	3.050+0	2.180+2	2.750+2	5.720+1	0.000+0	0.000+0	0.000+0	8.640+1
	REA121Y	4.400+2	8.600+0	1.670+2	8.600+0	0.000+0	0.000+0	1.610+1	2.270+0	5.470+2	8.600+2	0.000+0	3.810+1	1.000+0	2.600+0	1.240+1	2.300+1	0.000+0	0.000+0	1.900+2	1.490+0	2.180+2	0.000+0	4.170+0	3.900+1	1.700+2	3.340+4	5.720+1	0.000+0	2.180+2	3.050+0	2.180+2	2.750+2	5.720+1	0.000+0	0.000+0	0.000+0	8.640+1
	REA125Y	4.400+2	8.600+0	1.670+2	8.600+0	0.000+0	0.000+0	1.610+1	2.270+0	5.470+2	8.600+2	0.000+0	3.810+1	1.000+0	2.600+0	1.240+1	2.300+1	0.000+0	0.000+0	1.900+2	1.490+0	2.180+2	0.000+0	4.170+0	3.900+1	1.700+2	3.340+4	5.720+1	0.000+0	2.180+2	3.050+0	2.180+2	2.750+2	5.720+1	0.000+0	0.000+0	0.000+0	8.640+1
	REA654X	4.400+2	8.600+0	1.670+2	8.600+0	0.000+0	0.000+0	1.610+1	2.270+0	5.470+2	8.600+2	0.000+0	3.810+1	1.000+0	2.600+0	1.240+1	2.300+1	0.000+0	0.000+0	1.900+2	1.490+0	2.180+2	0.000+0	4.170+0	3.900+1	1.700+2	3.340+4	5.720+1	0.000+0	2.180+2	3.050+0	2.180+2	2.750+2	5.720+1	0.000+0	0.000+0	0.000+0	8.640+1
	REA654Y	4.400+2	8.600+0	1.670+2	8.600+0	0.000+0	0.000+0	1.650+1	2.310+0	5.470+2	8.700+2	0.000+0	3.940+1	1.100+0	2.620+0	1.260+1	2.420+1	0.000+0	0.000+0	1.900+2	1.490+0	2.210+2	0.000+0	4.250+0	3.910+1	1.720+2	3.300+4	5.800+1	0.000+0	2.210+2	3.100+0	2.210+2	2.800+2	5.800+1	0.000+0	0.000+0	0.000+0	8.710+1
	REA655S	4.400+2	8.600+0	1.670+2	8.740+0	0.000+0	0.000+0	1.650+1	2.310+0	5.470+2	8.700+2	0.000+0	3.940+1	1.100+0	2.620+0	1.260+1	2.420+1	0.000+0	0.000+0	1.900+2	1.490+0	2.210+2	0.000+0	4.250+0	3.910+1	1.720+2	3.300+4	5.800+1	0.000+0	2.210+2	3.100+0	2.210+2	2.800+2	5.800+1	0.000+0	0.000+0	0.000+0	8.710+1
	REA657S	4.400+2	8.600+0	1.670+2	8.600+0	0.000+0	0.000+0	1.610+1	2.270+0	5.470+2	8.600+2	0.000+0	3.810+1	1.000+0	2.600+0	1.240+1	2.300+1	0.000+0	0.000+0	1.900+2	1.490+0	2.180+2	0.000+0	4.170+0	3.900+1	1.700+2	3.340+4	5.720+1	0.000+0	2.180+2	3.050+0	2.180+2	2.750+2	5.720+1	0.000+0	0.000+0	0.000+0	8.640+1
	REA658S	3.900+2	1.000+1	2.200+1	3.900+2	0.000+0	0.000+0	1.910+1	2.400+0	6.150+2	3.970+2	0.000+0	2.770+1	1.240+0	2.940+0	1.310+1	2.960+1	0.000+0	0.000+0	1.900+2	1.490+0	2.180+2	0.000+0	4.170+0	3.900+1	1.700+2	3.340+4	5.720+1	0.000+0	2.180+2	3.050+0	2.180+2	2.750+2	5.720+1	0.000+0	0.000+0	0.000+0	7.920+1
	REA661Y	4.400+2	8.700+0	1.910+2	8.740+0	0.000+0	0.000+0	1.600+1	2.310+0	5.470+2	8.700+2	0.000+0	3.940+1	1.100+0	2.620+0	1.260+1	2.420+1	0.000+0	0.000+0	1.900+2	1.490+0	2.210+2	0.000+0	4.250+0	3.910+1	1.720+2	3.300+4	5.800+1	0.000+0	2.210+2	3.100+0	2.210+2	2.800+2	5.800+1	0.000+0	0.000+0	0.000+0	8.710+1
	REA665Y	4.400+2	8.700+0	1.910+2	8.740+0	0.000+0	0.000+0	1.600+1	2.310+0	5.470+2	8.700+2	0.000+0	3.940+1	1.100+0	2.620+0	1.260+1	2.420+1	0.000+0	0.000+0	1.900+2	1.490+0	2.210+2	0.000+0	4.250+0	3.910+1	1.720+2	3.300+4	5.800+1	0.000+0	2.210+2	3.100+0	2.210+2	2.800+2	5.800+1	0.000+0	0.000+0	0.000+0	8.710+1
	REB121S	6.300+1	1.230+0	2.300+1	1.230+0	0.000+0	0.000+0	2.200+2	3.200+4	7.800+2	1.230+0	0.000+0	5.120+0	1.930+0	3.600+1	1.700+2	3.400+0	0.000+0	0.000+0	2.200+1	2.000+0	3.100+0	0.000+0	5.910+1	5.000+0	2.420+1	4.740+2	8.120+2	0.000+0	3.100+0	4.320+0	3.100+0	3.910+1	8.120+2	0.000+0	0.000+0	0.000+0	9.400+0
	REB221S	6.300+1	1.230+0	2.300+1	1.230+0	0.000+0	0.000+0	2.200+2	3.200+4	7.800+2	1.230+0	0.000+0	5.120+0	1.930+0	3.600+1	1.700+2	3.400+0	0.000+0	0.000+0	2.200+1	2.000+0	3.100+0	0.000+0	5.910+1	5.000+0	2.420+1	4.740+2	8.120+2	0.000+0	3.100+0	4.320+0	3.100+0	3.910+1	8.120+2	0.000+0	0.000+0	0.000+0	9.400+0
	REB521S	6.300+1	1.230+0	2.300+1	1.230+0	0.000+0	0.000+0	2.200+2	3.200+4	7.800+2	1.230+0	0.000+0	5.120+0	1.930+0	3.600+1	1.700+2	3.400+0	0.000+0	0.000+0	2.200+1	2.000+0	3.100+0	0.000+0	5.910+1	5.000+0	2.420+1	4.740+2	8.120+2	0.000+0									

	REK300X	7.24e-01	1.41e+02	2.72e-01	1.43e+02	0.00e+00	0.00e+00	2.62e+02	3.68e-04	8.76e-02	1.41e+03	0.00e+00	5.89e+00	1.77e-03	4.23e-01	2.01e+02	3.86e+00	0.00e+00	0.00e+00	2.53e-01	2.36e+01	3.54e+00	0.00e+00	6.76e-01	5.81e-04	2.77e-01	5.42e-02	9.26e+02	0.00e+00	3.54e+00	4.95e+02	3.54e+00	4.47e-03	9.26e+02	0.00e+00	0.00e+00	0.00e+00	1.08e+01	
	REK302X	7.24e-01	1.41e+02	2.72e-01	1.43e+02	0.00e+00	0.00e+00	2.62e+02	3.68e-04	8.76e-02	1.41e+03	0.00e+00	5.89e+00	1.77e-03	4.23e-01	2.01e+02	3.86e+00	0.00e+00	0.00e+00	2.53e-01	2.36e+01	3.54e+00	0.00e+00	6.76e-01	5.81e-04	2.77e-01	5.42e-02	9.26e+02	0.00e+00	3.54e+00	4.95e+02	3.54e+00	4.47e-03	9.26e+02	0.00e+00	0.00e+00	0.00e+00	1.08e+01	
	REK350X	2.24e-02	4.37e+00	1.44e-01	4.39e+00	0.00e+00	0.00e+00	1.16e+00	1.14e-02	2.75e-02	4.37e+00	0.00e+00	1.81e+01	5.48e-10	1.31e+00	8.23e+00	1.22e-01	0.00e+00	0.00e+00	7.85e-03	7.38e-01	1.10e+00	0.00e+00	2.05e+00	1.88e-07	8.97e-03	1.88e+04	2.88e+01	0.00e+00	1.13e+02	1.23e+00	1.19e+00	1.38e+02	2.88e+01	0.00e+00	0.00e+00	0.00e+00	3.34e+01	
	REK350Y	3.18e-01	6.21e+01	1.14e-01	6.20e+01	0.00e+00	0.00e+00	1.71e+01	2.41e-03	1.64e-04	3.86e-02	6.23e-01	2.74e+00	7.81e-03	1.87e-01	8.00e+01	1.72e-01	0.00e+00	0.00e+00	1.12e-01	1.08e+01	1.57e+00	0.00e+00	3.05e+01	2.88e-04	1.22e-01	2.41e-02	4.14e+02	0.00e+00	1.57e+00	1.98e+02	1.57e+00	4.14e+02	0.00e+00	0.00e+00	0.00e+00	4.76e+02		
	REK401Y	7.24e-01	1.41e+02	2.72e-01	1.43e+02	0.00e+00	0.00e+00	2.62e+02	3.68e-04	8.76e-02	1.41e+03	0.00e+00	5.89e+00	1.77e-03	4.23e-01	2.01e+02	3.86e+00	0.00e+00	0.00e+00	2.53e-01	2.36e+01	3.54e+00	0.00e+00	6.76e-01	5.81e-04	2.77e-01	5.42e-02	9.26e+02	0.00e+00	3.54e+00	4.95e+02	3.54e+00	4.47e-03	9.26e+02	0.00e+00	0.00e+00	0.00e+00	1.08e+01	
	REK421Y	7.24e-01	1.41e+02	2.72e-01	1.43e+02	0.00e+00	0.00e+00	2.62e+02	3.68e-04	8.76e-02	1.41e+03	0.00e+00	5.89e+00	1.77e-03	4.23e-01	2.01e+02	3.86e+00	0.00e+00	0.00e+00	2.53e-01	2.36e+01	3.54e+00	0.00e+00	6.76e-01	5.81e-04	2.77e-01	5.42e-02	9.26e+02	0.00e+00	3.54e+00	4.95e+02	3.54e+00	4.47e-03	9.26e+02	0.00e+00	0.00e+00	0.00e+00	1.08e+01	
	REK509X	5.82e-01	1.14e+02	2.18e-01	1.13e+02	0.00e+00	0.00e+00	2.11e+02	2.07e-04	7.08e-02	1.14e+03	0.00e+00	4.72e+00	1.43e-03	3.41e-01	1.62e+02	3.13e+00	0.00e+00	0.00e+00	2.04e-01	1.93e+01	2.88e+00	0.00e+00	4.53e+01	4.68e-04	2.22e-01	4.37e-03	7.49e+02	0.00e+00	2.88e+00	3.93e+02	2.88e+00	3.93e+02	7.49e+02	0.00e+00	0.00e+00	0.00e+00	8.08e+02	
	REK518S	5.26e-02	1.00e+00	2.22e-01	9.82e+00	0.00e+00	0.00e+00	1.01e+00	1.57e+01	2.41e-03	6.15e-02	8.87e-02	0.00e+00	2.77e-01	1.24e+00	2.45e-01	1.37e+01	2.68e-01	0.00e+00	0.00e+00	1.76e-02	1.91e+00	2.41e+02	0.00e+00	4.35e+01	4.12e-07	1.93e-02	3.57e+00	5.49e+02	5.80e+01	0.00e+00	2.21e+02	3.16e+00	2.21e+02	5.80e+01	0.00e+00	0.00e+00	0.00e+00	7.62e-01
	REK621Y	4.48e-02	8.76e+00	1.81e-02	8.74e+00	0.00e+00	0.00e+00	1.80e+01	2.31e-03	5.47e-02	8.76e-02	0.00e+00	3.84e-01	1.19e+00	8.83e-03	1.26e-01	2.42e-01	0.00e+00	0.00e+00	1.98e-02	1.48e+00	2.41e+02	0.00e+00	4.23e+01	3.81e-07	1.72e-02	3.38e+04	5.80e+01	0.00e+00	2.21e+02	3.16e+00	2.21e+02	5.80e+01	0.00e+00	0.00e+00	0.00e+00	6.71e+01		
	REN610X	2.81e-02	5.40e+00	1.01e-02	5.48e+00	0.00e+00	0.00e+00	1.04e+01	1.44e-03	3.42e-02	5.50e-02	0.00e+00	2.42e-01	8.39e-10	1.68e+00	7.88e+00	1.32e-01	0.00e+00	0.00e+00	9.88e-03	9.28e-01	1.38e+00	0.00e+00	2.88e+00	2.28e-07	1.88e-02	2.13e+04	3.87e+01	0.00e+00	1.38e+02	1.94e+00	1.38e+02	1.79e+02	3.87e+01	0.00e+00	0.00e+00	0.00e+00	4.22e-01	
	REN610Y	2.81e-02	5.40e+00	1.01e-02	5.48e+00	0.00e+00	0.00e+00	1.04e+01	1.44e-03	3.42e-02	5.50e-02	0.00e+00	2.42e-01	8.39e-10	1.68e+00	7.88e+00	1.32e-01	0.00e+00	0.00e+00	9.88e-03	9.28e-01	1.38e+00	0.00e+00	2.88e+00	2.28e-07	1.88e-02	2.13e+04	3.87e+01	0.00e+00	1.38e+02	1.94e+00	1.38e+02	1.79e+02	3.87e+01	0.00e+00	0.00e+00	0.00e+00	4.22e-01	
	REN701X	2.42e-02	4.72e+00	9.18e-02	4.79e+00	0.00e+00	0.00e+00	8.76e+00	1.22e-02	3.94e-02	4.72e+00	0.00e+00	1.96e-01	5.93e-10	1.41e+00	8.73e+00	1.30e-01	0.00e+00	0.00e+00	8.48e-03	7.88e-01	1.18e+02	0.00e+00	2.28e+00	1.89e-07	9.26e-03	1.82e+04	3.11e+01	0.00e+00	1.18e+02	1.89e+02	1.58e+02	3.11e+01	0.00e+00	0.00e+00	0.00e+00	3.91e+01		
	REN705Y	1.21e-01	2.37e+01	4.35e-02	2.36e+01	0.00e+00	0.00e+00	4.45e+00	2.37e-01	1.64e-02	2.37e+01	0.00e+00	1.04e+00	2.97e+00	7.10e+00	3.40e+01	6.58e-01	0.00e+00	0.00e+00	2.23e-02	3.98e+00	5.27e+02	0.00e+00	1.15e+01	9.75e-07	4.65e-01	9.94e+04	1.58e+02	0.00e+00	5.97e+02	8.37e+00	5.27e+02	1.58e+02	8.37e+00	0.00e+00	0.00e+00	0.00e+00	1.81e+00	
	REP111Y	5.82e-01	1.14e+02	2.18e-01	1.13e+02	0.00e+00	0.00e+00	2.15e+02	3.02e-04	7.10e-02	1.14e+03	0.00e+00	4.90e+00	1.43e-03	3.42e-01	1.64e+02	3.13e+00	0.00e+00	0.00e+00	2.05e-01	1.93e+01	2.87e+00	0.00e+00	5.52e+01	4.68e-04	2.24e-01	4.41e-02	7.80e+02	0.00e+00	2.87e+02	4.03e+02	2.87e+02	3.93e+02	7.80e+02	0.00e+00	0.00e+00	0.00e+00	8.72e+02	
	REQ001X	6.66e-02	1.29e+01	2.93e-02	1.29e+01	0.00e+00	0.00e+00	2.40e+01	3.38e-02	8.97e-02	1.30e-01	0.00e+00	5.36e-01	1.83e+00	3.88e-01	1.89e+01	3.57e-01	0.00e+00	0.00e+00	2.33e-02	2.17e+00	3.25e+02	0.00e+00	6.21e+00	5.34e-01	2.54e+02	4.98e+04	8.93e+01	0.00e+00	3.25e+02	4.55e+00	3.25e+02	4.11e+02	8.93e+01	0.00e+00	0.00e+00	0.00e+00	9.91e-01	
	REQ001Y	3.86e-02	7.54e+00	1.33e-02	7.53e+00	0.00e+00	0.00e+00	1.42e+01	1.96e-02	4.71e-02	7.54e+00	0.00e+00	3.32e-01	9.48e-10	2.28e+00	1.08e+01	2.03e-01	0.00e+00	0.00e+00	1.36e-02	1.27e+00	3.25e+02	0.00e+00	6.21e+00	5.34e-01	2.54e+02	4.98e+04	8.93e+01	0.00e+00	3.25e+02	4.55e+00	3.25e+02	4.11e+02	8.93e+01	0.00e+00	0.00e+00	0.00e+00	9.91e-01	
	REQ002X	6.66e-02	1.29e+01	2.93e-02	1.29e+01	0.00e+00	0.00e+00	2.40e+01	3.38e-02	8.97e-02	1.30e-01	0.00e+00	5.36e-01	1.83e+00	3.88e-01	1.89e+01	3.57e-01	0.00e+00	0.00e+00	2.33e-02	2.17e+00	3.25e+02	0.00e+00	6.21e+00	5.34e-01	2.54e+02	4.98e+04	8.93e+01	0.00e+00	3.25e+02	4.55e+00	3.25e+02	4.11e+02	8.93e+01	0.00e+00	0.00e+00	0.00e+00	9.91e-01	
	REQ002Y	2.44e-02	4.76e+00	8.76e-02	4.75e+00	0.00e+00	0.00e+00	9.89e+00	1.22e-02	2.97e-02	4.75e+00	0.00e+00	2.06e-01	5.99e-10	1.43e+00	8.94e+00	1.32e-01	0.00e+00	0.00e+00	8.57e-03	8.84e-01	1.25e+02	0.00e+00	2.13e+01	1.96e-07	3.35e-02	1.84e+04	3.18e+01	0.00e+00	1.25e+02	1.84e+00	1.25e+02	1.84e+00	3.18e+01	0.00e+00	0.00e+00	0.00e+00	3.88e-01	
	REQ004X	8.66e-02	1.29e+01	2.93e-02	1.29e+01	0.00e+00	0.00e+00	2.40e+01	3.38e-02	8.97e-02	1.30e-01	0.00e+00	5.36e-01	1.83e+00	3.88e-01	1.89e+01	3.57e-01	0.00e+00	0.00e+00	2.33e-02	2.17e+00	3.25e+02	0.00e+00	6.21e+00	5.34e-01	2.54e+02	4.98e+04	8.93e+01	0.00e+00	3.25e+02	4.55e+00	3.25e+02	4.11e+02	8.93e+01	0.00e+00	0.00e+00	0.00e+00	9.91e-01	
	REQ004Y	2.44e-02	4.76e+00	8.76e-02	4.75e+00	0.00e+00	0.00e+00	9.89e+00	1.22e-02	2.97e-02	4.75e+00	0.00e+00	2.06e-01	5.99e-10	1.43e+00	8.94e+00	1.32e-01	0.00e+00	0.00e+00	8.57e-03	8.84e-01	1.25e+02	0.00e+00	2.13e+01	1.96e-07	3.35e-02	1.84e+04	3.18e+01	0.00e+00	1.25e+02	1.84e+00	1.25e+02	1.84e+00	3.18e+01	0.00e+00	0.00e+00	0.00e+00	3.88e-01	
	REQ006X	3.82e-02	7.49e+00	1.37e-02	7.42e+00	0.00e+00	0.00e+00	1.41e+01	1.96e-02	4.65e-02	7.49e+00	0.00e+00	3.26e-01	9.38e-10	2.24e+00	1.07e+01	2.06e-01	0.00e+00	0.00e+00	1.34e-02	1.28e+00	3.25e+02	0.00e+00	6.21e+00	5.34e-01	2.54e+02	4.98e+04	8.93e+01	0.00e+00	3.25e+02	4.55e+00	3.25e+02	4.11e+02	8.93e+01	0.00e+00	0.00e+00	0.00e+00	9.91e-01	
	REQ006Y	3.86e-02	7.49e+00	1.37e-02	7.42e+00	0.00e+00	0.00e+00	1.41e+01	1.96e-02	4.65e-02	7.49e+00	0.00e+00	3.26e-01	9.38e-10	2.24e+00	1.07e+01	2.06e-01	0.00e+00	0.00e+00	1.34e-02	1.28e+00	3.25e+02	0.00e+00	6.21e+00	5.34e-01	2.54e+02	4.98e+04	8.93e+01	0.00e+00	3.25e+02	4.55e+00	3.25e+02	4.11e+02	8.93e+01	0.00e+00	0.00e+00	0.00e+00	9.91e-01	
	REQ008X	6.66e-02	1.29e+01	2.93e-02	1.29e+01	0.00e+00	0.00e+00	2.40e+01	3.38e-02	8.97e-02	1.30e-01	0.00e+00	5.36e-01	1.83e+00	3.88e-01	1.89e+01	3.57e-01	0.00e+00	0.00e+00	2.33e-02	2.17e+00	3.25e+02	0.00e+00	6.21e+00	5.34e-01	2.54e+02	4.98e+04	8.93e+01	0.00e+00	3.25e+02	4.55e+00	3.25e+02	4.11e+02	8.93e+01	0.00e+00	0.00e+00	0.00e+00	9.91e-01	
	REQ008Y	6.66e-02	1.29e+01	2.93e-02	1.29e+01	0.00e+00	0.00e+00	2.40e+01	3.38e-02	8.97e-02	1.30e-01	0.00e+00	5.36e-01	1.83e+00	3.88e-01	1.89e+01	3.57e-01	0.00e+00	0.00e+00	2.33e-02	2.17e+00	3.25e+02	0.00e+00	6.21e+00	5.34e-01	2.54e+02	4.98e+04	8.93e+01	0.00e+00	3.25e+02	4.55e+00	3.25e+02	4.11e+02	8.93e+01	0.00e+00	0.00e+00	0.00e+00	9.91e-01	
	REQ010X	6.66e-02	1.29e+01	2.93e-02	1.29e+01	0.00e+00	0.00e+00	2.40e+01	3.38e-02	8.97e-02	1.30e-01	0.00e+00	5.36e-01	1.83e+00	3.88e-01	1.89e+01	3.57e-01	0.00e+00	0.00e+00	2.33e-02	2.17e+00	3.25e+02	0.00e+00	6.21e+00	5.34e-01	2.54e+02	4.98e+04	8.93e+01	0.00e+00	3.25e+02	4.55								

RTQ521X	2.425-0	4.725-0	9.105-0	4.705-0	0.000-0	0.000-0	9.765-0	1.250-0	2.945-0	4.725-0	0.000-0	1.995-0	5.935-0	1.415-0	6.750-0	1.350-0	0.000-0	0.000-0	8.495-0	7.955-0	1.185-0	0.000-0	2.265-0	1.955-0	9.265-0	1.825-0	3.115-0	0.000-0	1.195-0	1.665-0	1.185-0	1.595-0	3.115-0	0.000-0	0.000-0	0.000-0	3.915-0	
RTQ521Y	2.425-0	4.725-0	9.105-0	4.705-0	0.000-0	0.000-0	9.765-0	1.250-0	2.945-0	4.725-0	0.000-0	1.995-0	5.935-0	1.415-0	6.750-0	1.350-0	0.000-0	0.000-0	8.495-0	7.955-0	1.185-0	0.000-0	2.265-0	1.955-0	9.265-0	1.825-0	3.115-0	0.000-0	1.195-0	1.665-0	1.185-0	1.595-0	3.115-0	0.000-0	0.000-0	0.000-0	3.915-0	
RTQ540X	1.685-0	3.275-0	6.295-0	3.295-0	0.000-0	0.000-0	9.975-0	8.405-0	2.055-0	2.225-0	0.000-0	1.345-0	4.945-0	9.945-0	4.350-0	8.865-0	0.000-0	0.000-0	5.765-0	5.385-0	8.855-0	0.000-0	1.345-0	6.315-0	1.245-0	2.125-0	6.315-0	1.245-0	0.000-0	8.855-0	1.155-0	8.895-0	1.025-0	2.125-0	0.000-0	0.000-0	0.000-0	2.465-0
RTQ541X	1.685-0	3.275-0	6.295-0	3.295-0	0.000-0	0.000-0	9.975-0	8.405-0	2.055-0	2.225-0	0.000-0	1.345-0	4.945-0	9.945-0	4.350-0	8.865-0	0.000-0	0.000-0	5.765-0	5.385-0	8.855-0	0.000-0	1.345-0	6.315-0	1.245-0	2.125-0	6.315-0	1.245-0	0.000-0	8.855-0	1.155-0	8.895-0	1.025-0	2.125-0	0.000-0	0.000-0	0.000-0	2.465-0
RTQ550X	9.765-0	1.185-0	2.435-0	1.985-0	0.000-0	0.000-0	1.665-0	2.665-0	8.745-0	1.985-0	0.000-0	3.945-0	1.365-0	3.235-0	1.445-0	2.825-0	0.000-0	0.000-0	1.965-0	1.895-0	2.845-0	0.000-0	4.725-0	4.915-0	2.145-0	3.915-0	6.185-0	0.000-0	2.645-0	3.975-0	2.845-0	3.395-0	6.185-0	0.000-0	0.000-0	0.000-0	8.355-0	
RTQ600X	6.665-0	1.385-0	2.915-0	1.385-0	0.000-0	0.000-0	2.955-0	3.955-0	8.915-0	1.375-0	0.000-0	5.995-0	1.715-0	4.105-0	1.985-0	3.775-0	0.000-0	0.000-0	2.455-0	2.385-0	3.445-0	0.000-0	6.615-0	5.625-0	2.885-0	5.265-0	9.115-0	0.000-0	3.445-0	4.825-0	3.445-0	4.395-0	9.115-0	0.000-0	0.000-0	0.000-0	1.045-0	
RTQ601X	6.665-0	1.385-0	2.915-0	1.385-0	0.000-0	0.000-0	2.955-0	3.955-0	8.915-0	1.375-0	0.000-0	5.995-0	1.715-0	4.105-0	1.985-0	3.775-0	0.000-0	0.000-0	2.455-0	2.385-0	3.445-0	0.000-0	6.615-0	5.625-0	2.885-0	5.265-0	9.115-0	0.000-0	3.445-0	4.825-0	3.445-0	4.395-0	9.115-0	0.000-0	0.000-0	0.000-0	1.045-0	
RTQ620X	6.665-0	6.425-0	1.185-0	6.415-0	0.000-0	0.000-0	0.215-0	1.685-0	4.015-0	6.445-0	0.000-0	2.825-0	8.085-0	1.935-0	2.235-0	1.765-0	0.000-0	0.000-0	1.165-0	1.085-0	3.425-0	0.000-0	6.155-0	6.025-0	2.885-0	5.265-0	9.115-0	0.000-0	3.445-0	4.825-0	3.445-0	4.395-0	9.115-0	0.000-0	0.000-0	0.000-0	1.045-0	
RTQ640X	3.265-0	6.425-0	1.185-0	6.415-0	0.000-0	0.000-0	0.215-0	1.685-0	4.015-0	6.445-0	0.000-0	2.825-0	8.085-0	1.935-0	2.235-0	1.765-0	0.000-0	0.000-0	1.165-0	1.085-0	3.425-0	0.000-0	6.155-0	6.025-0	2.885-0	5.265-0	9.115-0	0.000-0	3.445-0	4.825-0	3.445-0	4.395-0	9.115-0	0.000-0	0.000-0	0.000-0	1.045-0	
RTW022X	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0		
RTW121X	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0	0.000-0		
REK221Y	8.625-0	2.365-0	1.885-0	2.255-0	0.000-0	0.000-0	3.225-0	3.915-0	2.455-0	1.815-0	0.000-0	2.265-0	2.195-0	6.415-0	7.545-0	3.335-0	1.815-0	0.000-0	1.815-0	3.595-0	3.595-0	0.000-0	1.595-0	9.165-0	4.795-0	2.365-0	3.595-0	2.365-0	0.000-0	2.145-0	1.045-0	2.145-0	2.365-0	2.365-0	0.000-0	0.000-0	0.000-0	7.325-0
1000141	9.625-0	2.465-0	2.825-0	1.485-0	0.000-0	0.000-0	3.915-0	3.915-0	1.155-0	1.055-0	6.915-0	0.000-0	3.265-0	2.935-0	4.285-0	1.965-0	0.000-0	0.000-0	2.265-0	1.465-0	9.165-0	0.000-0	5.335-0	3.265-0	2.325-0	7.265-0	4.265-0	0.000-0	7.195-0	2.465-0	7.195-0	7.395-0	4.265-0	0.000-0	0.000-0	0.000-0	8.815-0	
1000142	3.715-0	1.645-0	4.605-0	1.645-0	0.000-0	0.000-0	3.175-0	1.625-0	1.225-0	0.915-0	0.000-0	3.235-0	2.355-0	4.755-0	4.605-0	1.025-0	2.955-0	0.000-0	4.875-0	2.955-0	1.875-0	0.000-0	8.915-0	3.685-0	2.545-0	1.195-0	8.935-0	0.000-0	1.075-0	3.425-0	1.975-0	1.125-0	8.935-0	0.000-0	0.000-0	0.000-0	1.095-0	
1001511	3.995-0	1.625-0	2.245-0	1.895-0	0.000-0	0.000-0	3.865-0	1.695-0	1.365-0	7.135-0	0.000-0	4.445-0	3.915-0	5.535-0	4.595-0	1.425-0	2.255-0	0.000-0	2.335-0	1.755-0	9.185-0	0.000-0	6.975-0	3.195-0	2.855-0	8.795-0	4.555-0	0.000-0	8.185-0	3.995-0	8.185-0	8.295-0	4.555-0	0.000-0	0.000-0	0.000-0	8.465-0	
1001531	7.185-0	2.495-0	7.835-0	2.415-0	0.000-0	0.000-0	4.865-0	3.325-0	6.125-0	1.265-0	0.000-0	4.835-0	3.985-0	9.155-0	9.535-0	1.425-0	2.595-0	0.000-0	8.975-0	8.935-0	1.725-0	0.000-0	1.275-0	6.955-0	3.675-0	2.075-0	4.445-0	0.000-0	1.735-0	3.445-0	1.735-0	1.875-0	1.445-0	0.000-0	0.000-0	0.000-0	2.995-0	
1001801	3.555-0	1.665-0	4.915-0	1.665-0	0.000-0	0.000-0	4.025-0	1.695-0	1.245-0	6.935-0	0.000-0	4.325-0	3.945-0	5.455-0	4.475-0	1.425-0	2.615-0	0.000-0	4.975-0	4.935-0	1.645-0	0.000-0	1.275-0	6.925-0	3.225-0	7.935-0	4.655-0	0.000-0	1.045-0	3.745-0	1.945-0	1.195-0	8.995-0	0.000-0	0.000-0	0.000-0	1.075-0	
1001901	3.635-0	1.735-0	4.845-0	1.655-0	0.000-0	0.000-0	4.065-0	1.715-0	1.265-0	7.335-0	0.000-0	4.365-0	3.485-0	5.435-0	4.475-0	1.465-0	2.625-0	0.000-0	4.975-0	4.935-0	1.655-0	0.000-0	1.275-0	6.925-0	3.225-0	7.935-0	4.655-0	0.000-0	1.045-0	3.745-0	1.945-0	1.195-0	8.995-0	0.000-0	0.000-0	0.000-0	1.075-0	
1002211	3.555-0	1.665-0	4.915-0	1.665-0	0.000-0	0.000-0	4.025-0	1.695-0	1.245-0	6.935-0	0.000-0	4.325-0	3.945-0	5.455-0	4.477-0	1.425-0	2.615-0	0.000-0	4.975-0	4.935-0	1.645-0	0.000-0	1.275-0	6.925-0	3.225-0	7.935-0	4.655-0	0.000-0	1.045-0	3.745-0	1.945-0	1.195-0	8.995-0	0.000-0	0.000-0	0.000-0	1.075-0	
1002411	3.365-0	8.625-0	4.975-0	6.175-0	0.000-0	0.000-0	1.055-0	1.595-0	6.975-0	7.925-0	0.000-0	2.915-0	2.245-0	2.025-0	1.095-0	2.195-0	8.995-0	0.000-0	5.915-0	2.265-0	1.225-0	0.000-0	8.935-0	3.865-0	1.055-0	7.145-0	1.025-0	0.000-0	1.225-0	2.195-0	1.225-0	1.325-0	1.025-0	0.000-0	0.000-0	0.000-0	1.945-0	
12021024	4.265-0	9.465-0	7.935-0	1.945-0	0.000-0	0.000-0	3.925-0	1.875-0	9.915-0	1.945-0	0.000-0	5.935-0	4.695-0	4.945-0	3.195-0	1.185-0	1.225-0	0.000-0	5.635-0	3.435-0	1.125-0	0.000-0	8.615-0	4.415-0	2.895-0	2.925-0	9.375-0	0.000-0	1.075-0	3.425-0	1.975-0	1.125-0	8.935-0	0.000-0	0.000-0	0.000-0	2.265-0	
1204310	3.945-0	2.965-0	3.935-0	2.935-0	0.000-0	0.000-0	3.965-0	2.995-0	1.025-0	9.915-0	0.000-0	2.995-0	8.975-0	9.495-0	0.000-0	7.125-0	5.945-0	0.000-0	2.995-0	2.915-0	5.965-0	0.000-0	8.615-0	3.265-0	2.375-0	2.325-0	4.935-0	0.000-0	8.965-0	3.975-0	3.965-0	4.935-0	4.935-0	0.000-0	0.000-0	0.000-0	9.425-0	
1204313	3.965-0	2.935-0	3.795-0	2.935-0	0.000-0	0.000-0	3.925-0	2.915-0	8.925-0	9.335-0	0.000-0	6.775-0	5.975-0	7.235-0	2.995-0	9.935-0	9.935-0	0.000-0	2.815-0	4.475-0	8.825-0	0.000-0	6.975-0	3.265-0	2.345-0	2.995-0	4.935-0	0.000-0	8.935-0	3.925-0	3.925-0	9.195-0	4.935-0	0.000-0	0.000-0	0.000-0	8.445-0	
1301200	1.465-0	6.295-0	9.635-0	6.635-0	0.000-0	0.000-0	8.835-0	9.475-0	2.965-0	3.135-0	0.000-0	6.165-0	4.845-0	9.915-0	1.395-0	4.945-0	7.165-0	0.000-0	1.995-0	2.025-0	1.745-0	0.000-0	3.965-0	1.945-0	9.135-0	4.995-0	3.745-0	0.000-0	4.745-0	1.665-0	4.745-0	5.735-0	3.745-0	0.000-0	0.000-0	0.000-0	6.625-0	
1308100	1.345-0	4.785-0	6.335-0	4.135-0	0.000-0	0.000-0	4.445-0	4.195-0	2.715-0	3.025-0	0.000-0	4.175-0	3.975-0	8.995-0	1.195-0	4.145-0	8.995-0	0.000-0	1.095-0	9.915-0	9.915-0	0.000-0	2.835-0	1.375-0	8.835-0	2.435-0	1.945-0	0.000-0	3.615-0	9.165-0	3.915-0	3.795-0	1.945-0	0.000-0	0.000-0	0.000-0	3.695-0	
1308810	1.775-0	7.135-0	2.945-0	6.835-0	0.000-0	0.000-0	1.125-0	6.855-0	3.975-0	2.935-0	0.000-0	1.225-0	9.995-0	1.445-0	1.955-0	3.265-0	0.000-0	0.000-0	1.395-0	3.995-0	4.795-0	0.000-0	3.995-0	9.835-0	1.165-0	1.115-0	1.115-0	2.385-0	0.000-0	4.795-0	2.995-0	4.795-0	2.385-0	0.000-0	0.000-0	0.000-0	4.795-0	
1309010	3.245-0	3.245-0	1.995-0	3.245-0	0.000-0	0.000-0	3.995-0	3.995-0	2.995-0	2.995-0	0.000-0	3.995-0	3.995-0	3.995-0	3.995-0	1.345-0	1.465-0	0.000-0	1.295-0	1.465-0	0.000-0	0.000-0	3.175-0	1.465-0	0.000-0	3.175-0	1.465-0	0.000-0	4.1									

	REB121S	4.250-0	1.520-0	9.930-0	1.410-0	0.000-0	0.000-0	4.050-1	2.340-0	9.200-0	1.010-0	0.000-0	3.720-1	3.050-0	5.420-0	5.790-0	1.060-0	1.020-0	0.000-0	7.030-0	6.630-0	1.350-0	0.000-0	1.030-1	4.770-0	2.890-0	1.640-0	1.210-0	0.000-0	1.390-0	3.250-0	1.380-0	1.430-1	1.210-0	0.000-0	0.000-0	0.000-0	2.390-0
	REB221S	4.310-0	1.570-0	9.930-0	1.430-0	0.000-0	0.000-0	4.020-1	2.340-0	9.200-0	1.030-0	0.000-0	3.720-1	3.070-0	5.430-0	5.790-0	1.060-0	1.020-0	0.000-0	7.030-0	6.630-0	1.440-0	0.000-0	1.060-1	4.790-0	2.890-0	1.660-0	1.230-0	0.000-0	1.440-0	3.270-0	1.440-0	1.230-1	1.230-0	0.000-0	0.000-0	0.000-0	2.420-0
	REB521S	4.190-0	1.490-0	9.930-0	1.390-0	0.000-0	0.000-0	3.970-1	2.180-0	8.970-0	1.050-0	0.000-0	3.700-1	3.030-0	5.230-0	5.770-0	1.020-0	0.000-0	6.800-0	6.370-0	1.420-0	0.000-0	1.030-1	4.690-0	2.890-0	1.590-0	1.190-0	0.000-0	1.420-0	3.170-0	1.490-0	1.490-1	1.190-0	0.000-0	0.000-0	0.000-0	2.400-0	
	REB621S	4.210-0	1.610-0	9.930-0	1.410-0	0.000-0	0.000-0	4.070-0	2.210-0	9.200-0	1.070-0	0.000-0	3.720-1	3.090-0	5.450-0	5.790-0	1.060-0	1.020-0	0.000-0	7.030-0	6.630-0	1.460-0	0.000-0	1.060-1	4.790-0	2.910-0	1.680-0	1.250-0	0.000-0	1.460-0	3.290-0	1.420-0	1.190-0	0.000-0	0.000-0	0.000-0	2.430-0	
	RED111X	8.600-0	4.280-0	1.390-0	3.990-0	0.000-0	0.000-0	7.940-0	3.590-0	2.170-0	1.370-0	0.000-0	4.960-0	4.190-0	1.940-0	9.730-0	2.180-0	6.110-0	0.000-0	7.520-0	1.110-0	1.360-0	0.000-0	9.290-0	5.530-0	3.970-0	4.260-0	1.130-0	0.000-0	1.360-0	5.090-0	1.390-0	1.370-0	1.130-0	0.000-0	0.000-0	0.000-0	3.370-0
	RED112X	3.640-0	1.750-0	7.830-0	1.780-0	0.000-0	0.000-0	3.310-0	1.740-0	8.470-0	8.800-0	0.000-0	2.760-0	2.440-0	4.020-0	2.780-0	8.850-0	8.470-0	0.000-0	6.970-0	4.080-0	1.070-0	0.000-0	8.980-0	4.260-0	2.890-0	1.620-0	1.190-0	0.000-0	1.070-0	6.950-0	1.970-0	1.190-0	1.190-0	0.000-0	0.000-0	0.000-0	2.320-0
	RED113X	5.110-0	2.630-0	9.940-0	2.690-0	0.000-0	0.000-0	4.660-0	2.190-0	1.310-0	1.940-0	0.000-0	2.810-0	2.390-0	9.270-0	3.680-0	1.830-0	6.400-0	0.000-0	7.030-0	6.230-0	1.250-0	0.000-0	8.130-0	5.130-0	2.890-0	2.260-0	9.980-0	1.290-0	5.760-0	1.290-0	1.370-0	8.990-0	0.000-0	0.000-0	0.000-0	3.040-0	
	RED114X	3.190-0	1.620-0	9.930-0	1.590-0	0.000-0	0.000-0	3.900-0	1.190-0	6.030-0	6.120-0	0.000-0	2.760-0	2.380-0	4.020-0	2.780-0	8.850-0	8.190-0	0.000-0	6.970-0	4.120-0	1.070-0	0.000-0	8.730-0	5.130-0	2.890-0	1.620-0	1.190-0	0.000-0	1.070-0	6.950-0	1.970-0	1.190-0	8.990-0	0.000-0	0.000-0	1.620-0	
	RED114Y	8.490-0	5.180-0	9.930-0	5.110-0	0.000-0	0.000-0	1.240-0	4.440-0	1.980-0	1.460-0	0.000-0	1.460-0	1.190-0	1.490-0	1.310-0	1.360-0	0.000-0	3.260-0	6.930-0	1.360-0	0.000-0	9.430-0	4.300-0	3.990-0	9.190-0	9.990-0	0.000-0	1.360-0	5.440-0	1.360-0	1.440-0	9.990-0	0.000-0	0.000-0	1.190-0		
	RED115X	7.490-0	2.890-0	1.210-0	2.770-0	0.000-0	0.000-0	4.860-0	2.890-0	2.260-0	1.430-0	0.000-0	3.100-0	2.790-0	8.880-0	6.090-0	1.240-0	6.120-0	0.000-0	8.370-0	1.090-0	1.540-0	0.000-0	1.220-0	5.690-0	4.140-0	2.930-0	1.130-0	0.000-0	1.540-0	6.390-0	1.340-0	1.440-0	1.130-0	0.000-0	0.000-0	0.000-0	4.020-0
	RED115Y	5.260-0	2.930-0	1.030-0	2.720-0	0.000-0	0.000-0	4.850-0	2.430-0	1.490-0	1.190-0	0.000-0	3.060-0	2.740-0	8.340-0	5.090-0	1.090-0	6.370-0	0.000-0	5.630-0	9.990-0	1.340-0	0.000-0	1.040-0	5.020-0	3.530-0	2.910-0	1.030-0	0.000-0	1.340-0	5.090-0	1.340-0	1.440-0	1.030-0	0.000-0	0.000-0	0.000-0	2.120-0
	RED311X	2.860-0	8.120-0	3.970-0	7.740-0	0.000-0	0.000-0	1.390-0	1.920-0	4.190-0	2.200-0	0.000-0	2.430-0	2.140-0	2.290-0	1.970-0	6.290-0	9.340-0	0.000-0	4.340-0	2.790-0	7.790-0	0.000-0	4.920-0	2.410-0	1.940-0	1.400-0	4.720-0	0.000-0	7.790-0	4.290-0	7.790-0	8.130-0	4.720-0	0.000-0	0.000-0	0.000-0	1.990-0
	RED311Y	2.070-0	8.090-0	3.970-0	7.630-0	0.000-0	0.000-0	1.390-0	1.890-0	4.190-0	2.200-0	0.000-0	2.430-0	2.140-0	2.270-0	1.970-0	6.230-0	9.340-0	0.000-0	4.340-0	2.790-0	7.790-0	0.000-0	4.920-0	2.410-0	1.940-0	1.400-0	4.720-0	0.000-0	7.790-0	4.270-0	7.790-0	8.130-0	4.720-0	0.000-0	0.000-0	1.990-0	
	RED321X	1.760-0	1.320-0	1.930-0	1.390-0	0.000-0	0.000-0	1.940-0	1.900-0	4.390-0	6.030-0	0.000-0	2.430-0	2.110-0	4.090-0	1.970-0	5.190-0	9.720-0	0.000-0	4.690-0	3.740-0	8.340-0	0.000-0	5.630-0	2.430-0	1.990-0	1.710-0	9.130-0	0.000-0	8.340-0	4.290-0	8.340-0	8.420-0	9.130-0	0.000-0	0.000-0	0.000-0	1.310-0
	RED321Y	1.770-0	1.320-0	1.930-0	1.390-0	0.000-0	0.000-0	1.940-0	1.900-0	4.390-0	6.030-0	0.000-0	2.430-0	2.110-0	4.170-0	1.970-0	5.130-0	9.720-0	0.000-0	4.690-0	3.710-0	8.340-0	0.000-0	5.630-0	2.430-0	1.990-0	1.690-0	9.130-0	0.000-0	8.340-0	4.240-0	8.340-0	8.420-0	9.130-0	0.000-0	0.000-0	0.000-0	1.310-0
	RED611X	2.310-0	8.920-0	4.420-0	8.240-0	0.000-0	0.000-0	1.470-0	1.110-0	6.490-0	6.390-0	0.000-0	2.340-0	2.270-0	2.190-0	2.960-0	8.610-0	9.120-0	0.000-0	7.990-0	3.990-0	9.930-0	0.000-0	5.490-0	2.970-0	1.790-0	1.910-0	1.190-0	0.000-0	9.930-0	4.930-0	9.930-0	1.090-0	1.190-0	0.000-0	0.000-0	0.000-0	1.670-0
	RED611Y	2.270-0	8.970-0	4.420-0	8.140-0	0.000-0	0.000-0	1.470-0	1.100-0	6.490-0	6.390-0	0.000-0	2.340-0	2.270-0	2.190-0	2.960-0	8.630-0	9.120-0	0.000-0	7.990-0	3.990-0	9.930-0	0.000-0	5.490-0	2.970-0	1.790-0	1.910-0	1.190-0	0.000-0	9.930-0	4.930-0	9.930-0	1.090-0	1.190-0	0.000-0	0.000-0	0.000-0	1.670-0
	RED612X	2.170-0	8.990-0	4.490-0	7.740-0	0.000-0	0.000-0	1.340-0	1.490-0	4.290-0	6.260-0	0.000-0	2.470-0	2.190-0	2.290-0	1.970-0	6.120-0	9.120-0	0.000-0	4.340-0	2.990-0	8.370-0	0.000-0	4.940-0	2.460-0	1.490-0	1.420-0	4.790-0	0.000-0	7.970-0	4.270-0	7.970-0	7.990-0	4.790-0	0.000-0	0.000-0	1.190-0	
	RED612Y	1.940-0	8.990-0	9.990-0	8.990-0	0.000-0	0.000-0	9.990-0	8.990-0	3.990-0	4.190-0	0.000-0	1.990-0	8.990-0	1.940-0	9.990-0	9.990-0	9.990-0	0.000-0	1.420-0	4.970-0	9.340-0	0.000-0	4.990-0	2.990-0	1.940-0	8.970-0	2.990-0	0.000-0	9.340-0	2.990-0	9.340-0	9.990-0	2.990-0	0.000-0	0.000-0	0.000-0	5.270-0
	RED614X	3.640-0	1.670-0	3.120-0	1.690-0	0.000-0	0.000-0	3.920-0	1.220-0	7.940-0	9.100-0	0.000-0	2.730-0	2.490-0	3.990-0	3.110-0	1.920-0	8.610-0	0.000-0	4.930-0	2.990-0	1.190-0	0.000-0	8.990-0	4.140-0	2.790-0	1.910-0	6.720-0	0.000-0	1.190-0	5.390-0	1.190-0	1.220-0	6.720-0	0.000-0	0.000-0	0.000-0	1.470-0
	RED614Y	2.860-0	1.990-0	1.190-0	1.990-0	0.000-0	0.000-0	1.940-0	1.990-0	4.390-0	6.030-0	0.000-0	2.430-0	2.110-0	2.290-0	1.970-0	4.930-0	9.610-0	0.000-0	4.370-0	4.930-0	7.710-0	0.000-0	3.270-0	2.270-0	1.490-0	1.970-0	7.990-0	0.000-0	7.710-0	3.930-0	7.710-0	8.990-0	7.990-0	0.000-0	0.000-0	0.000-0	1.340-0
	RED620Y	3.590-0	3.990-0	1.990-0	3.990-0	0.000-0	0.000-0	3.990-0	1.990-0	7.990-0	9.100-0	0.000-0	2.930-0	2.730-0	3.990-0	3.110-0	1.920-0	8.610-0	0.000-0	4.930-0	2.990-0	1.190-0	0.000-0	8.990-0	4.140-0	2.790-0	1.910-0	6.720-0	0.000-0	1.190-0	5.390-0	1.190-0	1.220-0	6.720-0	0.000-0	0.000-0	0.000-0	8.990-0
	RED621X	1.760-0	7.180-0	3.990-0	8.740-0	0.000-0	0.000-0	1.390-0	9.990-0	3.740-0	9.130-0	0.000-0	2.430-0	2.130-0	2.930-0	1.990-0	4.440-0	9.990-0	0.000-0	4.990-0	3.390-0	8.120-0	0.000-0	5.970-0	2.430-0	1.990-0	1.270-0	8.290-0	0.000-0	8.120-0	4.190-0	8.120-0	8.290-0	8.290-0	0.000-0	0.000-0	0.000-0	1.300-0
	RED621Y	1.690-0	7.140-0	3.990-0	8.640-0	0.000-0	0.000-0	1.390-0	9.970-0	3.990-0	9.130-0	0.000-0	2.430-0	2.110-0	2.930-0	1.990-0	4.270-0	9.990-0	0.000-0	4.990-0	3.190-0	8.070-0	0.000-0	5.940-0	2.390-0	1.490-0	1.290-0	8.210-0	0.000-0	8.070-0	4.290-0	8.070-0	8.170-0	8.210-0	0.000-0	0.000-0	0.000-0	1.390-0
	RED622X	1.760-0	7.220-0	4.490-0	8.790-0	0.000-0	0.000-0	1.390-0	9.970-0	3.760-0	9.130-0	0.000-0	2.430-0	2.130-0	2.930-0	1.990-0	4.930-0	9.990-0	0.000-0	4.990-0	3.390-0	8.120-0	0.000-0	5.970-0	2.430-0	1.990-0	1.290-0	8.290-0	0.000-0	8.120-0	4.190-0	8.120-0	8.290-0	0.000-0	0.000-0	0.000-0	1.390-0	
	RED622Y	1.670-0	7.190-0	4.490-0	8.690-0	0.000-0	0.000-0	1.390-0	9.970-0	3.770-0	9.130-0	0.000-0	2.430-0	2.110-0	2.930-0	1.970-0	4.970-0	9.990-0	0.000-0	4.990-0	3.190-0	8.070-0	0.000-0	5.940-0	2.390-0	1.490-0	1.270-0	8.210-0	0.000-0	8.070-0	4.290-0	8.070-0	8.170-0	8.210-0	0.000-0	0.000-0	0.000-0	1.390-0
	RED624X	1.760-0	7.090-0	3.990-0	8.740-0	0.000-0	0.000-0	1.390-0	9.970-0	3.760-0	9.130-0	0.000-0	2.430-0	2.110-0	2.930-0	1.970-0	4.970-0	9.990-0	0.000-0	4.990-0	3.190-0	8.070-0	0.000-0	5.940-0	2.390-0	1.490-0	1.290-0	8.210-0	0.000-0	8.070-0	4.290-0	8.070-0	8.170-0	8.210-0	0.000-0	0.000-0	0.000-0	

REQ010X	4.43E-01	1.32E+00	4.81E-02	1.27E+00	0.00E+00	0.00E+00	2.08E-01	2.30E+00	9.47E-04	9.28E-03	0.00E+00	1.27E-01	1.03E-07	3.57E+00	5.97E-02	2.00E+00	4.80E-04	0.00E+00	5.89E+00	3.77E-02	1.33E+01	0.00E+00	9.97E-04	4.60E-04	2.47E-02	1.23E+00	1.07E+00	0.00E+00	1.33E+01	3.77E-02	1.32E+01	1.43E-01	1.07E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+02
REQ010Y	4.43E-01	1.32E+00	4.83E-02	1.14E+00	0.00E+00	0.00E+00	1.73E-01	2.26E+00	9.38E-04	9.22E-03	0.00E+00	9.43E-02	7.97E-08	3.05E+00	5.97E-02	2.00E+00	4.56E-04	0.00E+00	5.89E+00	3.78E-02	1.31E+01	0.00E+00	9.74E-04	4.56E-04	2.65E-02	1.27E+00	1.06E+00	0.00E+00	1.31E+01	3.78E-02	1.31E+01	1.42E-01	1.06E+00	0.00E+00	0.00E+00	0.00E+00	2.78E+02
REQ012X	4.71E-01	1.25E+00	5.07E-02	1.22E+00	0.00E+00	0.00E+00	1.97E-01	2.37E+00	9.77E-04	9.34E-03	0.00E+00	1.26E-01	1.03E-07	3.44E+00	6.10E-02	2.00E+00	4.78E-04	0.00E+00	6.00E+00	4.09E-02	1.38E+01	0.00E+00	1.02E-01	4.90E-04	2.81E-02	1.30E+00	1.09E+00	0.00E+00	1.38E+01	3.95E-02	1.38E+01	1.50E-01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+02
REQ012Y	4.70E-01	1.38E+00	5.03E-02	1.31E+00	0.00E+00	0.00E+00	2.15E-01	2.36E+00	1.00E-03	9.54E-03	0.00E+00	1.21E-01	1.04E-07	3.00E+00	6.10E-02	2.00E+00	4.56E-04	0.00E+00	6.00E+00	3.70E-02	1.37E+01	0.00E+00	1.02E-01	4.83E-04	2.70E-02	1.29E+00	1.08E+00	0.00E+00	1.37E+01	3.96E-02	1.37E+01	1.49E-01	1.08E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+02
REQ016X	4.76E-02	1.36E+00	4.69E-02	1.32E+00	0.00E+00	0.00E+00	2.16E-01	2.37E+00	1.02E-02	8.89E-03	0.00E+00	1.26E-01	1.04E-07	3.14E+00	6.10E-02	2.00E+00	5.22E-04	0.00E+00	6.17E+00	3.78E-02	1.38E+01	0.00E+00	1.03E-01	4.89E-04	2.89E-02	1.25E+00	1.10E+00	0.00E+00	1.39E+01	3.92E-02	1.38E+01	1.51E-01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+02
REQ016Y	4.76E-02	1.39E+00	4.70E-02	1.31E+00	0.00E+00	0.00E+00	2.14E-01	2.36E+00	1.00E-02	9.88E-03	0.00E+00	1.26E-01	1.05E-07	3.07E+00	6.10E-02	2.00E+00	4.80E-04	0.00E+00	6.18E+00	3.78E-02	1.38E+01	0.00E+00	1.03E-01	4.89E-04	2.89E-02	1.26E+00	1.10E+00	0.00E+00	1.39E+01	3.92E-02	1.38E+01	1.51E-01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+02
REQ020X	4.76E-02	1.20E+00	5.46E-03	1.31E+00	0.00E+00	0.00E+00	2.16E-01	2.37E+00	1.02E-02	9.88E-03	0.00E+00	1.26E-01	1.04E-07	3.14E+00	6.10E-02	2.00E+00	5.22E-04	0.00E+00	6.17E+00	3.78E-02	1.38E+01	0.00E+00	1.03E-01	4.89E-04	2.89E-02	1.25E+00	1.10E+00	0.00E+00	1.39E+01	3.92E-02	1.38E+01	1.51E-01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+02
REQ020Y	4.76E-02	1.33E+00	5.52E-03	1.30E+00	0.00E+00	0.00E+00	2.15E-01	2.36E+00	1.00E-02	9.88E-03	0.00E+00	1.26E-01	1.05E-07	3.07E+00	6.10E-02	2.00E+00	4.80E-04	0.00E+00	6.18E+00	3.78E-02	1.38E+01	0.00E+00	1.03E-01	4.89E-04	2.89E-02	1.26E+00	1.10E+00	0.00E+00	1.39E+01	3.92E-02	1.38E+01	1.51E-01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	2.27E+02
REQ024X	4.62E-01	1.46E+00	5.34E-02	1.38E+00	0.00E+00	0.00E+00	2.28E-01	2.43E+00	1.03E-01	1.04E-02	0.00E+00	1.42E-01	1.14E-07	3.89E+00	6.21E-02	2.11E+00	5.22E-04	0.00E+00	7.02E+00	4.03E-02	1.47E+01	0.00E+00	1.08E-01	5.13E-04	2.94E-02	1.36E+00	1.22E+00	0.00E+00	1.47E+01	4.03E-02	1.47E+01	1.58E-01	1.22E+00	0.00E+00	0.00E+00	0.00E+00	2.13E+02
REQ024Y	4.76E-02	1.42E+00	4.77E-02	1.34E+00	0.00E+00	0.00E+00	2.14E-01	2.36E+00	1.00E-02	1.01E-02	0.00E+00	1.30E-01	1.03E-07	3.77E+00	6.11E-02	2.08E+00	4.88E-04	0.00E+00	6.12E+00	3.78E-02	1.38E+01	0.00E+00	1.03E-01	5.08E-04	2.88E-02	1.28E+00	1.10E+00	0.00E+00	1.39E+01	3.92E-02	1.38E+01	1.51E-01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+02
REQ0501X	3.33E-02	8.64E-01	4.68E-02	6.17E-01	0.00E+00	0.00E+00	1.26E-01	1.86E+00	6.50E-04	7.05E-03	0.00E+00	5.13E-02	4.37E-04	3.23E+00	4.67E-02	1.00E+00	4.46E-04	0.00E+00	5.62E+00	2.99E-02	1.08E+01	0.00E+00	8.06E-04	3.66E-04	2.00E-02	8.87E-07	9.98E-01	0.00E+00	1.08E+01	2.92E-02	1.08E+01	1.18E-01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+02
REQ0501Y	3.33E-02	8.94E-01	4.68E-02	6.17E-01	0.00E+00	0.00E+00	1.26E-01	1.86E+00	6.50E-04	7.05E-03	0.00E+00	5.13E-02	4.37E-04	3.23E+00	4.67E-02	1.00E+00	4.46E-04	0.00E+00	5.62E+00	2.99E-02	1.08E+01	0.00E+00	8.06E-04	3.66E-04	2.00E-02	8.87E-07	9.98E-01	0.00E+00	1.08E+01	2.92E-02	1.08E+01	1.18E-01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+02
REQ0502X	3.33E-02	8.64E-01	4.68E-02	6.17E-01	0.00E+00	0.00E+00	1.26E-01	1.86E+00	6.50E-04	7.05E-03	0.00E+00	5.13E-02	4.37E-04	3.23E+00	4.67E-02	1.00E+00	4.46E-04	0.00E+00	5.62E+00	2.99E-02	1.08E+01	0.00E+00	8.06E-04	3.66E-04	2.00E-02	8.87E-07	9.98E-01	0.00E+00	1.08E+01	2.92E-02	1.08E+01	1.18E-01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+02
REQ0502Y	3.33E-02	8.94E-01	4.68E-02	6.17E-01	0.00E+00	0.00E+00	1.26E-01	1.86E+00	6.50E-04	7.05E-03	0.00E+00	5.13E-02	4.37E-04	3.23E+00	4.67E-02	1.00E+00	4.46E-04	0.00E+00	5.62E+00	2.99E-02	1.08E+01	0.00E+00	8.06E-04	3.66E-04	2.00E-02	8.87E-07	9.98E-01	0.00E+00	1.08E+01	2.92E-02	1.08E+01	1.18E-01	9.98E-01	0.00E+00	0.00E+00	0.00E+00	2.08E+02
REQ0504X	3.49E-02	1.07E+00	5.18E-02	9.49E-01	0.00E+00	0.00E+00	1.31E-01	1.79E+00	8.52E-04	7.94E-03	0.00E+00	6.92E-02	5.93E-04	2.43E+00	4.78E-02	1.00E+00	4.87E-04	0.00E+00	3.22E+00	2.94E-02	1.02E+01	0.00E+00	7.75E-04	3.57E-04	2.01E-02	8.97E-07	5.78E-01	0.00E+00	1.03E+01	2.94E-02	1.02E+01	1.17E-01	5.78E-01	0.00E+00	0.00E+00	0.00E+00	1.17E+02
REQ0504Y	3.49E-02	9.17E-01	4.93E-02	8.69E-01	0.00E+00	0.00E+00	1.31E-01	1.94E-02	8.17E-04	7.34E-03	0.00E+00	6.23E-02	5.24E-04	2.34E+00	4.94E-02	1.00E+00	4.46E-04	0.00E+00	5.69E+00	3.36E-02	1.10E+01	0.00E+00	8.06E-04	3.78E-04	2.10E-02	8.63E-07	9.77E-01	0.00E+00	1.10E+01	3.06E-02	1.10E+01	1.20E-01	9.77E-01	0.00E+00	0.00E+00	0.00E+00	2.17E+02
REQ0506X	4.24E-01	1.12E+00	5.91E-02	1.07E+00	0.00E+00	0.00E+00	1.96E-01	2.28E+00	8.37E-04	8.95E-03	0.00E+00	7.76E-02	6.52E-04	2.91E+00	5.62E-02	1.00E+00	4.46E-04	0.00E+00	6.79E+00	4.14E-02	1.34E+01	0.00E+00	1.07E-01	4.62E-04	2.57E-02	1.19E+00	1.17E+00	0.00E+00	1.34E+01	3.95E-02	1.34E+01	1.49E-01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+02
REQ0506Y	4.24E-01	1.12E+00	5.91E-02	1.07E+00	0.00E+00	0.00E+00	1.96E-01	2.28E+00	8.37E-04	8.95E-03	0.00E+00	7.76E-02	6.52E-04	2.91E+00	5.62E-02	1.00E+00	4.46E-04	0.00E+00	6.79E+00	4.14E-02	1.34E+01	0.00E+00	1.07E-01	4.62E-04	2.57E-02	1.19E+00	1.17E+00	0.00E+00	1.34E+01	3.95E-02	1.34E+01	1.49E-01	1.17E+00	0.00E+00	0.00E+00	0.00E+00	2.40E+02
REQ0508X	5.18E-02	1.50E+00	7.28E-02	1.48E+00	0.00E+00	0.00E+00	2.44E-01	2.60E+00	1.22E-02	1.05E-02	0.00E+00	1.72E-01	1.41E-07	4.18E+00	6.52E-02	2.27E+00	4.46E-04	0.00E+00	7.44E+00	6.07E-02	1.51E+01	0.00E+00	1.14E-01	5.26E-04	3.07E-02	1.77E+00	1.29E+00	0.00E+00	1.51E+01	4.25E-02	1.51E+01	1.64E-01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+02
REQ0508Y	5.18E-02	1.50E+00	7.28E-02	1.48E+00	0.00E+00	0.00E+00	2.44E-01	2.60E+00	1.22E-02	1.05E-02	0.00E+00	1.72E-01	1.41E-07	4.18E+00	6.52E-02	2.27E+00	4.46E-04	0.00E+00	7.44E+00	6.07E-02	1.51E+01	0.00E+00	1.14E-01	5.26E-04	3.07E-02	1.77E+00	1.29E+00	0.00E+00	1.51E+01	4.25E-02	1.51E+01	1.64E-01	1.29E+00	0.00E+00	0.00E+00	0.00E+00	2.94E+02
REQ0510X	4.56E-02	1.32E+00	4.81E-02	1.37E+00	0.00E+00	0.00E+00	2.12E-01	2.36E+00	9.49E-04	9.31E-03	0.00E+00	1.26E-01	1.03E-07	3.57E+00	5.99E-02	2.00E+00	4.77E-04	0.00E+00	6.02E+00	3.92E-02	1.34E+01	0.00E+00	1.02E-01	4.69E-04	2.89E-02	1.22E+00	1.09E+00	0.00E+00	1.34E+01	3.92E-02	1.34E+01	1.48E-01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	2.22E+02
REQ0510Y	4.56E-02	1.22E+00	4.81E-02	1.14E+00	0.00E+00	0.00E+00	2.12E-01	2.36E+00	9.49E-04	9.31E-03	0.00E+00	1.26E-01	1.03E-07	3.57E+00	5.99E-02	2.00E+00	4.77E-04	0.00E+00	6.02E+00	3.92E-02	1.34E+01	0.00E+00	1.02E-01	4.69E-04	2.89E-02	1.22E+00	1.09E+00	0.00E+00	1.34E+01	3.92E-02	1.34E+01	1.48E-01	1.09E+00	0.00E+00	0.00E+00	0.00E+00	2.26E+02
REQ0512X	4.76E-02	1.38E+00	5.07E-03	1.32E+00	0.00E+00	0.00E+00	2.16E-01	2.36E-02	1.12E-02	9.78E-03	0.00E+00	1.26E-01	1.04E-07	3.72E+00	6.20E-02	2.12E+00	4.92E-04	0.00E+00	6.20E+00	4.11E-02	1.37E+01	0.00E+00	1.04E-01	4.97E-04	2.83E-02	1.33E+00	1.10E+00	0.00E+00	1.39E+01	3.93E-02	1.38E+01	1.52E-01	1.11E+00	0.00E+00	0.00E+00	0.00E+00	2.31E+02
REQ0512Y	4.76E-02	1.39E+00	5.18E-03	1.32E+00	0.00E+00	0.00E+00	2.14E-01	2.37E+00	1.00E-02	9.88E-03	0.00E+00	1.27E-01	1.03E-07	3.64E+00	6.20E-02	2.10E+00	4.56E-04	0.00E+00	6.19E+00	4.03E-02	1.38E+01	0.00E+00	1.03E-01	4.97E-04	2.83E-02	1.29E+00	1.10E+00	0.00E+00	1.39E+01	3.93E-02	1.38E+01	1.51E-01	1.10E+00	0.00E+00	0.00E+00	0.00E+00	2.29E+02
REQ0516X	4.76E-02	1.38E+00	5.32E-02	1.32E+00	0.00E+00	0.00E+00	2.20E-01	2.38E+00	1.02E-01	1.01E-02	0.00E+00	1.26E-01	1.04E-07	3.88E+00	6.21E-02	2.10E+00	5.13E-04	0.00E+00	7.03E+00	3.87E-02	1.46E+01	0.00E+00	1.07E-01	5.03E-04	3.02E-02	1.28E+00	1.22E+00	0.00E+00	1.46E+01	4.03E-02	1.46E+01	1.57E-01					

	1308100	1.2654	2.3751	4.3261	2.3301	0.0000	0.0000	0.0101	3.0064	2.2054	2.9501	0.0000	0.0000	1.1151	1.0401	1.1902	4.1601	0.0000	0.0000	1.0000	0.0000	3.6600	0.0000	2.8000	1.3000	7.0300	0.0000	1.9101	0.0000	3.6600	1.7600	3.6000	3.7900	1.9101	0.0000	0.0000	0.0000	3.6000				
	1308810	1.6602	-3.0601	3.3701	3.0101	0.0000	0.0000	0.0000	0.0000	3.0000	3.0000	2.9700	3.3301	0.0000	0.0000	1.2101	1.1600	1.4702	5.3401	0.0000	0.0000	1.3000	0.0000	4.4400	0.0000	3.4700	1.7900	1.0301	0.0000	2.4000	0.0000	4.4400	2.3400	4.4400	4.8800	2.4000	0.0000	0.0000	0.0000	4.7800		
	1309010	-1.7600	-1.0001	-1.1101	-1.1801	0.0000	0.0000	0.0000	0.0000	0.0000	-3.8600	-3.8600	-3.9100	-1.7800	0.0000	0.0000	-3.3700	-2.2800	-1.9300	-3.7100	0.0000	0.0000	-4.0000	0.0000	-1.2000	0.0000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000	-1.2000			
	1400014	-3.6400	-4.4600	-4.7400	-4.2600	0.0000	0.0000	0.0000	0.0000	0.0000	3.7600	3.7600	3.9000	1.9300	0.0000	0.0000	-4.6900	-1.3000	1.0000	-4.6900	0.0000	0.0000	-1.8000	0.0000	1.0000	0.0000	1.8100	-1.5000	-3.0000	-1.7800	-4.0700	0.0000	1.0000	-4.4000	1.0000	-4.4000	-4.0700	0.0000	0.0000	0.0000	-3.7600	
	1400030	-4.4700	-1.2200	-1.1100	-1.4300	0.0000	0.0000	-2.9100	-3.9100	3.8900	-7.7400	0.0000	0.0000	-4.6900	-1.3000	7.6200	-4.3000	0.0000	0.0000	-1.3400	0.0000	-1.6900	0.0000	-1.5700	-1.7200	-3.3700	-7.7600	-4.3900	0.0000	-1.6900	-4.7800	-1.6900	-1.6700	-4.2600	0.0000	0.0000	0.0000	-4.7800				
	1400040	-5.6400	-1.4100	-1.3300	1.6400	0.0000	0.0000	0.0000	0.0000	0.0000	-2.6900	-1.3000	-1.9800	-1.3000	0.0000	0.0000	-4.3000	-1.3000	8.8900	-2.4000	0.0000	0.0000	-1.0000	0.0000	-1.5400	0.0000	5.1900	-4.9000	-7.0300	-7.7600	-2.0300	0.0000	1.5400	-4.5400	-1.5400	1.6200	-2.0300	0.0000	0.0000	0.0000	-5.1400	
	1400060	-1.7600	-1.1800	1.7900	-1.2000	0.0000	0.0000	0.0000	0.0000	0.0000	3.3100	-4.7000	-3.8600	-2.9100	0.0000	-1.2300	-0.9100	-1.2400	1.1000	-4.4000	0.0000	0.0000	-3.9100	-4.2600	-1.3800	0.0000	3.6100	-0.9100	-4.2800	-4.2700	-5.9600	0.0000	-1.3800	-7.7400	-1.3800	-1.3300	-5.9600	0.0000	0.0000	0.0000	-4.3000	
	1400100	-3.7000	4.4600	-4.6600	-4.2600	0.0000	0.0000	0.0000	0.0000	0.0000	3.4000	-1.3000	3.8600	-2.2400	0.0000	0.0000	-4.7400	-1.3000	1.1000	-2.9400	0.0000	0.0000	-7.1000	0.0000	1.0000	0.0000	1.8100	-1.5000	-3.0000	-1.7800	-4.0700	0.0000	1.0000	-4.4000	1.0000	-4.4000	-4.0700	0.0000	0.0000	0.0000	-3.7600	
	1400110	-1.3100	1.4200	2.0000	1.3000	0.0000	0.0000	0.0000	0.0000	0.0000	4.2300	1.8400	1.3600	1.0700	0.0000	0.0000	5.9300	1.8400	1.1000	2.9800	0.0000	0.0000	6.2000	0.0000	0.0000	0.0000	1.7800	0.8900	1.4900	0.0000	1.1500	0.0000	2.9800	1.1000	2.2600	3.3700	1.1500	0.0000	0.0000	0.0000	2.2800	
	1400204	-9.7700	-7.0400	-4.8800	-7.3800	0.0000	0.0000	0.0000	0.0000	0.0000	7.4400	-1.0800	-1.8800	-2.3600	0.0000	0.0000	-7.1900	-1.3300	5.8100	-3.2700	0.0000	0.0000	-1.3000	0.0000	-1.0000	0.0000	1.0000	-1.3300	-7.1900	-7.7600	-1.3400	0.0000	1.0000	-6.7600	-1.3300	-9.3900	1.0000	0.0000	0.0000	0.0000	6.4000	
	1400210	-8.8800	-1.0000	-2.9100	1.0300	0.0000	0.0000	0.0000	0.0000	0.0000	4.6200	-3.8600	-2.2000	-2.9100	0.0000	0.0000	-2.4700	-1.2000	-6.2900	-4.4000	0.0000	0.0000	-5.7100	0.0000	-1.8100	0.0000	-1.4200	-3.8000	-7.2000	0.0000	-1.0100	0.0000	-1.8800	-1.4100	-1.8000	1.2000	-1.0100	0.0000	0.0000	0.0000	-2.0000	
	1701520	-2.8600	-1.0000	-1.1100	-1.0000	0.0000	0.0000	0.0000	0.0000	0.0000	3.8600	-3.8600	-4.0000	-2.9000	0.0000	0.0000	-3.0400	-1.2400	-2.9100	-3.0200	0.0000	0.0000	-3.3000	0.0000	-1.3800	0.0000	-1.7800	-2.9000	-3.3900	-7.7600	-1.7800	-3.7700	-4.0000	-1.3800	-2.2000	-1.3800	-1.4200	-4.0000	0.0000	0.0000	0.0000	-3.3400
	1702000	-5.9600	-2.8600	-3.9100	-2.8600	0.0000	0.0000	0.0000	0.0000	0.0000	6.1100	-4.2600	-4.7800	-4.1000	0.0000	0.0000	-4.0000	-1.2400	1.0000	-4.0000	0.0000	0.0000	-1.8000	0.0000	-1.5000	0.0000	1.8100	-1.5000	0.0000	-1.7800	-4.0700	0.0000	1.0000	-4.4000	1.0000	-4.4000	-4.0700	0.0000	0.0000	0.0000	-4.6800	
	1702120	-1.3600	-4.2000	-2.9400	-8.2200	0.0000	0.0000	0.0000	0.0000	0.0000	-7.5500	-4.8600	-2.7400	-3.9000	0.0000	0.0000	-1.4500	-0.9000	-6.2200	-4.0000	0.0000	0.0000	-1.2600	0.0000	-2.6000	0.0000	-1.5800	-3.6000	-1.1800	0.0000	-4.7800	0.0000	-2.6000	-2.2000	-2.6000	-4.4000	-4.7800	0.0000	0.0000	0.0000	-5.1100	
	1703116	-6.6000	-1.1200	-2.7200	-1.1100	0.0000	0.0000	0.0000	0.0000	0.0000	5.0200	-4.2200	-2.4000	-3.0500	0.0000	0.0000	-2.6800	-2.0000	-6.8200	-7.3300	0.0000	0.0000	-4.2000	0.0000	-1.5400	0.0000	5.1900	-4.1200	-7.9100	0.0000	-1.1600	0.0000	-2.0100	-1.3000	-2.0100	-1.1600	0.0000	0.0000	0.0000	-2.1700		
	1712000	1.1600	2.1300	4.1400	2.0000	0.0000	0.0000	0.0000	0.0000	0.0000	7.5900	2.8000	2.1100	2.3400	0.0000	0.0000	1.0300	1.7200	1.0600	-4.1300	0.0000	0.0000	6.8800	0.0000	0.0000	0.0000	2.5400	1.2400	7.2000	0.0000	6.3400	0.0000	3.3000	1.0000	3.3000	3.4100	6.3400	0.0000	0.0000	0.0000	3.3000	
	1712002	-1.0700	-1.0200	-1.4000	-1.4000	0.0000	0.0000	0.0000	0.0000	0.0000	4.2300	-1.4700	-1.0000	-0.1600	0.0000	-1.0700	-1.2400	-2.1000	-2.9200	-3.7400	0.0000	0.0000	-3.7100	-4.0300	-1.5000	0.0000	2.5400	-1.3200	-2.1000	-2.5200	-4.4000	0.0000	-1.5000	-1.0000	-1.3200	-2.5200	-4.4000	0.0000	0.0000	0.0000	-7.0200	
	1712103	-1.1300	-1.1800	-1.8500	-1.1800	0.0000	0.0000	0.0000	0.0000	0.0000	-1.3400	-4.8600	5.7800	-4.3000	0.0000	0.0000	-1.2900	-2.2400	-2.1000	-2.2400	0.0000	0.0000	1.7100	-4.6000	-2.3600	0.0000	3.0400	-1.6100	-1.8800	-3.0000	-3.8600	0.0000	-2.3600	1.6800	-3.8600	-2.3600	0.0000	0.0000	0.0000	3.0700		
	1712402	-1.2400	-1.6800	-1.1100	-1.6200	0.0000	0.0000	0.0000	0.0000	0.0000	-1.2000	-1.4200	-1.0200	-1.1100	0.0000	-1.0700	-4.1100	-5.0700	-2.1000	-3.0000	0.0000	0.0000	-2.2000	-3.0300	-2.0500	0.0000	5.1000	-1.0600	-4.4200	-2.0500	-4.4000	0.0000	-2.0500	-4.4700	-2.0500	-2.9400	-4.4000	0.0000	0.0000	0.0000	-1.7400	
	1712403	-1.0300	-1.9800	-1.1200	1.5600	0.0000	0.0000	0.0000	0.0000	0.0000	-1.2400	-1.1900	-0.7000	-1.1000	0.0000	-1.0700	-1.1000	-1.1700	-2.1000	-4.1400	0.0000	0.0000	-2.4400	-3.8300	-1.1900	0.0000	4.7800	-1.7800	-2.5900	-2.5000	-6.4600	0.0000	-1.9900	-7.1600	-1.9900	-2.0000	-6.4600	0.0000	0.0000	0.0000	-1.3400	
	1715102	-3.3700	-0.4000	-1.1200	-1.5900	0.0000	0.0000	0.0000	0.0000	0.0000	-1.2900	-5.9600	-1.1100	-1.2800	0.0000	0.0000	-1.0700	-2.7600	-2.0000	-4.3700	0.0000	0.0000	-2.8000	-2.8300	-2.0000	0.0000	-2.8000	-7.4900	-3.8000	-2.8300	-2.4000	-6.4600	0.0000	-2.0000	-3.2100	-6.4600	0.0000	0.0000	0.0000	-1.9100		
	1715103	-1.1500	-2.9000	-2.3000	-2.9000	0.0000	0.0000	0.0000	0.0000	0.0000	6.1100	-4.2600	-4.7800	-4.1000	0.0000	0.0000	-4.0000	-1.2400	1.0000	-4.0000	0.0000	0.0000	-1.8000	0.0000	-1.5000	0.0000	1.8100	-1.5000	0.0000	-1.7800	-4.0700	0.0000	1.0000	-4.4000	1.0000	-4.4000	-4.0700	0.0000	0.0000	0.0000	-1.8400	
	1715402	-3.8600	-1.7800	-2.1200	-1.6100	0.0000	0.0000	0.0000	0.0000	0.0000	-1.2900	-5.9600	-1.1400	-1.2800	0.0000	-1.0700	-2.7600	-1.1300	-2.0100	-4.3000	0.0000	0.0000	-1.8800	-3.8300	-2.0000	0.0000	2.9400	-1.7800	-3.7100	-2.8300	-4.3700	0.0000	-2.0000	-3.4100	-2.8300	-2.9800	-4.3700	0.0000	0.0000	0.0000	-2.0100	
	1715403	-3.9100	-1.7200	-2.1800	-1.6300	0.0000	0.0000	0.0000	0.0000	0.0000	-1.2700	-5.9600	-1.0000	-1.3100	0.0000	-1.0700	-2.9600	-1.1200	-2.0100	-4.3000	0.0000	0.0000	-1.8800	-3.8300	-2.0000	0.0000	3.3400	-1.7200	-3.8200	-2.5000	-6.1600	0.0000	-2.0000	-3.0600	-2.5000	-2.9000	-6.1600	0.0000	0.0000	0.0000	-2.0100	
	1816000	-2.3800	-1.7300	-2.3000	1.7300	0.0000	0.0000	0.0000	0.0000	0.0000	5.0000	-1.1800	-0.7100	-4.8600	0.0000	0.0000	-1.0100	-1.3300	1.7400	-1.4800	0.0000	0.0000	-1.1800	0.0000	-2.2000	0.0000	-1.1800	-4.8400	-1.3800	0.0000	-1.7800	0.0000	-2.2000	-1.1800	-2.2000	-1.3800	-1.7800	0.0000	0.0000	0.0000	-4.3700	
	1835102	9.3000	-7.6000	2.9400	-6.6000	0.0000	0.0000	0.0000	0.0000	0.0000	-1.1600	-7.0700	-3.0700	-2.7800	0.0000	1.5000	-4.7900	-1.2400	-4.4000	-4.3000	0.0000	0.0000	7.3000	3.0400	2.8800	0.0000	3.3200	-2.2800	-1.6900	-3.0400	-6.6000	0.0000	-2.8800	-1.2200	2.8800	-6.6000	0.0000	0.0000	0.0000	6.2000		
	1835103	3.0000	3.0000	3.0000	3.0000	0.0000	0.0000	0.0000	0.0000	0.0000	2.0000	6.2400	6.2400	6.9900	0.0000	0.0000	4.2900	1.5400	5.0000	-2.2800	0.0000	0.0000	3.0000	0.0000	3.0000	0.0000	9.2000	2.3400	2.0100	0.0000	-2.8000	0.0000	1.0000	1.0000	3.0700	0.0000	7.0000	-2.8000	0.0000	0.0000	0.0000	8.3000
	1835402	9.3000	-7.6000	2.9400	-6.6000																																					

	RED622X	-4.2150	-1.2051	-1.6750	-1.1801	0.0000	0.0000	4.9650	-3.3000	-7.4057	1.0000	0.0000	0.0000	5.0052	-1.1451	1.2900	-3.0640	0.0000	0.0000	-4.4300	0.0000	-4.1250	0.0000	-4.7851	-1.3051	1.4107	-2.7861	-2.3201	0.0000	-4.1201	-0.0001	-4.1250	-3.7151	-2.3301	0.0000	0.0000	0.0000	-2.9701	
	RED622Y	-6.0750	-1.0001	-1.6850	-1.0301	0.0000	0.0000	1.2600	-3.7850	-3.0101	1.0450	0.0000	0.0000	6.3051	-2.0051	1.2000	-4.0000	0.0000	0.0000	-3.2750	0.0000	-4.1250	0.0000	-2.0001	6.0751	1.4007	-7.7861	-2.2001	0.0000	-4.1251	-0.0001	-4.1251	-3.4051	-2.2301	0.0000	0.0000	0.0000	4.6001	
	RED624X	-9.1000	-1.1501	-1.3850	-1.0801	0.0000	0.0000	4.4000	-3.3000	-7.4057	1.0450	0.0000	0.0000	1.6851	-1.2301	1.1200	-3.0000	0.0000	0.0000	-5.0000	0.0000	-3.5101	0.0000	1.2251	-2.4451	-0.3901	-7.7861	-2.4101	0.0000	-3.5101	-4.0001	-3.5101	-3.7751	-2.4101	0.0000	0.0000	0.0000	-2.9701	
	RED624Y	-8.0000	-0.2000	-1.2750	-1.0750	0.0000	0.0000	3.4000	-3.7850	-7.0101	3.0000	0.0000	0.0000	3.1051	-2.1151	1.3300	-3.0000	0.0000	0.0000	-3.2750	0.0000	-3.5101	0.0000	1.7751	-1.5051	1.3600	-7.7861	-1.9801	0.0000	-3.5101	-3.0001	-3.5101	-3.3001	-1.9801	0.0000	0.0000	0.0000	7.8001	
	RED711X	-3.8000	9.2200	7.9950	-1.0301	0.0000	0.0000	3.5501	-1.2750	2.0000	-2.8000	0.0000	-1.2301	-2.8451	3.2750	4.6000	-4.2000	0.0000	0.0000	-0.9001	-4.2000	-1.1800	0.0000	8.5400	-4.8951	-1.8750	-4.2750	-5.0301	0.0000	-1.1800	-1.2200	-1.1800	-1.2200	-5.0301	0.0000	0.0000	0.0000	-2.3001	
	RED711Y	-2.7750	-1.1701	7.0000	-1.2701	0.0000	0.0000	3.2501	-4.7400	1.9000	-4.3200	0.0000	-1.2301	-2.7101	1.1000	-4.0000	-4.0000	0.0000	0.0000	4.6401	-4.2000	-1.2700	0.0000	6.3300	-1.1100	-1.8750	-4.2750	-4.1601	0.0000	-1.2700	-1.2700	-4.1601	0.0000	0.0000	0.0000	0.0000	-2.3001		
	RED712X	-1.7300	-7.0200	1.0000	-8.7000	0.0000	0.0000	3.6001	-1.3150	1.2750	-3.7000	0.0000	0.0000	-2.4301	3.0400	1.0000	-4.3700	0.0000	0.0000	-4.1001	0.0000	-1.0000	0.0000	6.7000	-2.3451	-1.7800	-7.7861	-1.7301	0.0000	-1.0000	-1.2100	-1.0000	-5.6001	-5.7301	0.0000	0.0000	0.0000	-2.1001	
	RED712Y	-1.6300	-1.1101	9.4000	-1.1001	0.0000	0.0000	3.4000	-1.7200	1.2750	-4.0000	0.0000	0.0000	-3.3051	2.0000	0.0000	-4.3700	0.0000	0.0000	4.3101	0.0000	-1.2000	0.0000	1.2800	-1.0201	-1.9000	-7.7861	-1.1001	0.0000	-1.2000	-0.0001	-1.2000	-1.2000	-4.3101	-4.1001	0.0000	0.0000	0.0000	3.1000
	RED721X	-2.3300	-5.1800	9.3000	-3.2000	0.0000	0.0000	0.0000	-8.0000	-1.8001	1.3000	-2.3000	0.0000	-6.7001	-1.8100	2.0000	-4.2700	0.0000	0.0000	-3.0000	0.0000	3.8000	0.0000	1.2800	-0.1101	-4.0300	-7.7861	-4.5001	0.0000	3.8001	-2.8800	3.8001	-4.5101	-4.5001	0.0000	0.0000	0.0000	3.1000	
	RED721Y	-2.0200	-0.2200	7.3000	-0.3400	0.0000	0.0000	1.1001	-1.2700	-1.0000	2.0300	0.0000	0.0000	0.0101	-1.7200	1.0000	-4.7700	0.0000	0.0000	1.0001	0.0000	2.4300	0.0000	4.4001	-1.4100	-4.1700	7.7861	-1.3001	0.0000	2.4301	-2.0000	2.4301	-7.0301	2.3001	0.0000	0.0000	0.0000	-2.3001	
	RED722X	-1.0400	-2.2000	1.0000	-2.0300	0.0000	0.0000	1.0101	-1.1000	1.7000	-1.4100	0.0000	0.0000	-0.9001	-1.0101	2.0100	-3.1000	0.0000	0.0000	1.4001	0.0000	2.4100	0.0000	2.0400	7.7201	7.3000	-7.7861	-4.2001	0.0000	2.4101	-1.0000	2.4101	7.7000	-4.2001	0.0000	0.0000	0.0000	1.0001	
	RED722Y	-1.4000	-0.8000	9.4000	-7.0200	0.0000	0.0000	1.2201	-5.3700	1.0200	-3.3000	0.0000	0.0000	-2.1701	-0.6901	1.4200	-3.1000	0.0000	0.0000	3.7000	0.0000	5.1400	0.0000	1.9000	3.3201	5.1500	-7.7861	-1.0001	0.0000	5.1401	-0.4300	5.1401	9.1201	-4.0001	0.0000	0.0000	0.0000	8.0300	
	REE500X	-9.3000	-1.6000	-7.7200	-1.0001	0.0000	0.0000	4.7000	-3.4000	-2.1000	3.5000	0.0000	0.0000	-4.1000	-2.1000	1.3300	-4.1000	0.0000	0.0000	-0.9001	-3.0200	-1.2100	0.0000	1.9000	-2.7700	-4.0700	-4.1400	-5.0001	0.0000	1.3300	-0.9001	-3.0200	1.1000	-5.0001	0.0000	0.0000	0.0000	-4.0700	
	REE500Y	-5.0000	-1.2700	-1.0000	-1.2000	0.0000	0.0000	-3.3000	-3.8000	-4.3000	-1.2200	0.0000	-1.7101	-1.0700	-3.1700	-1.0300	-3.0400	0.0000	0.0000	-7.2000	-7.0700	-1.1000	0.0000	-4.0000	-0.7000	-5.7700	-6.4000	-1.0700	0.0000	-1.1000	-2.0000	-1.1000	-1.2000	-1.0700	0.0000	0.0000	0.0000	-3.0400	
	REE501X	-1.9100	-1.5601	-3.0200	-1.2201	0.0000	0.0000	2.0001	-1.0000	-2.0001	-3.3000	0.0000	2.5001	-1.1100	-0.4000	4.3000	-5.2000	0.0000	0.0000	0.2001	-1.1300	4.4700	0.0000	5.1000	1.0000	-0.0700	-0.0300	-1.0200	0.0000	4.4701	-0.7100	4.4701	-5.2001	-1.0200	0.0000	0.0000	0.0000	-4.3001	
	REE501Y	-2.7700	-1.1301	-4.0100	-0.6000	0.0000	0.0000	0.0000	-8.0000	-1.8000	-4.2000	-1.2100	0.0000	-2.5301	-1.2300	-7.1000	7.3000	-5.0000	0.0000	0.0000	-4.4001	-1.1300	4.2000	0.0000	4.9000	2.7200	-5.3000	-6.0300	0.0000	4.2001	-0.7100	4.2001	1.3000	-1.0200	0.0000	0.0000	0.0000	-4.4001	
	REH001X	-2.4100	-1.0101	-1.1000	-1.0101	0.0000	0.0000	4.0101	-2.0100	1.0000	-1.2000	0.0000	0.0000	-2.1000	-2.1000	2.5000	-4.0700	0.0000	0.0000	-1.1000	-1.1000	4.4500	1.4500	0.0000	7.9400	-2.0000	-1.1000	-4.0200	-0.0000	1.4500	4.5000	1.4500	1.3700	-4.0200	0.0000	0.0000	0.0000	-4.1001	
	REH001Y	4.2400	-4.4000	-1.3000	3.0000	0.0000	0.0000	0.0000	1.4000	-1.4000	1.2000	6.7000	-1.1000	0.0000	-3.2000	-4.8700	-1.4000	2.5000	-3.3400	0.0000	-1.4400	0.0000	0.0000	1.7100	4.3000	-7.7861	-4.0000	-5.0001	0.0000	1.7100	-3.0000	4.4000	8.0400	-5.0001	0.0000	0.0000	0.0000	-7.1001	
	REH002Y	-5.8000	4.2400	2.2000	4.0000	0.0000	0.0000	1.2700	-8.0000	1.0000	-0.0000	0.0000	-0.3000	-2.9701	-2.3000	2.3000	-3.3000	0.0000	0.0000	-4.0701	-4.3000	2.4000	0.0000	1.7200	0.0300	-1.4000	-2.4000	-0.9001	0.0000	3.4000	-3.0000	3.4000	0.0400	-0.9001	0.0000	0.0000	0.0000	-4.7001	
	REH003X	-3.2000	4.0000	3.2000	4.4000	0.0000	0.0000	1.2000	-4.7400	1.0000	-0.0000	0.0000	-0.3000	-2.9701	-2.3700	2.3000	-3.4000	0.0000	0.0000	-4.0701	-4.3000	2.4000	0.0000	1.7200	0.0400	-1.3400	-2.4000	-0.9001	0.0000	3.4000	-3.0000	3.4000	0.0000	-0.9001	0.0000	0.0000	-4.7001		
	REH004X	-4.4400	3.0700	-1.0000	-7.9400	0.0000	0.0000	4.4400	-1.2700	5.4000	-0.4300	0.0000	-1.4700	-3.0401	3.0301	0.2400	-1.0000	0.0000	0.0000	-1.0000	-0.0000	6.1700	0.0000	2.0000	-1.1301	-2.0000	-3.4700	-2.9101	0.0000	6.1701	-0.0000	6.1701	-1.2000	-2.9101	0.0000	0.0000	0.0000	-3.7001	
	REH004Y	-2.0000	4.2400	0.3000	-3.0000	0.0000	0.0000	1.7000	4.7000	-1.0000	-0.4000	0.0000	-1.4700	-3.0401	3.0301	0.2400	-1.0000	0.0000	0.0000	-1.1000	-1.1000	6.1700	0.0000	2.0000	1.1301	-2.0000	-3.4700	-2.9101	0.0000	6.1701	-0.0000	6.1701	-1.2000	-2.9101	0.0000	0.0000	0.0000	-3.7001	
	REH039Y	-4.0700	-0.4000	-1.3700	-1.3301	0.0000	0.0000	3.3001	-1.3000	-2.0000	-1.0700	0.0000	0.0000	-2.2001	-1.1000	2.0000	-3.1000	0.0000	0.0000	-1.1000	0.0000	7.0101	0.0000	-1.0000	4.0201	-7.7200	-7.7861	-1.3001	0.0000	7.0101	-7.0100	7.0101	-1.0400	-5.3001	0.0000	0.0000	0.0000	-5.0001	
	REH100X	-8.0200	8.0000	-1.0700	-1.3401	0.0000	0.0000	2.2101	-2.0000	4.2100	-1.7000	0.0000	0.0000	-5.7001	-1.3700	1.2000	-5.1000	0.0000	0.0000	-1.7000	0.0000	7.0001	0.0000	7.0101	-5.3001	-0.0400	-7.7861	-1.4301	0.0000	7.0001	8.0000	7.0001	2.0000	-5.4301	0.0000	0.0000	0.0000	-8.0001	
	REH100Y	-8.0200	-0.6000	-1.0700	-1.3401	0.0000	0.0000	2.2101	-2.0000	4.2100	-1.7000	0.0000	0.0000	-5.7001	-1.3700	1.2000	-5.1000	0.0000	0.0000	-1.7000	0.0000	7.0001	0.0000	7.0101	-5.3001	-0.0400	-7.7861	-1.4301	0.0000	7.0001	8.0000	7.0001	2.0000	-5.4301	0.0000	0.0000	0.0000	-8.0001	
	REH311X	-3.0000	-4.7000	2.1000	-7.1000	0.0000	0.0000	3.0000	-1.2000	-1.0000	2.2000	0.0000	0.0000	-2.0701	-1.0400	4.3700	-0.0000	0.0000	0.0000	-0.2001	0.0000	2.7000	0.0000	8.0101	-2.0701	-4.4000	-7.7861	-1.7001	0.0000	2.7001	-2.0000	2.7001	-1.3000	-4.4000	0.0000	0.0000	0.0000	-1.2001	
	REH312X	8.4700	-2.0000	2.7000	-3.3000	0.0000	0.0000	4.7000	-1.4000	2.0700	2.2000	0.0000	-0.0000	-5.8100	-1.4000	-1.7000	-5.3000	0.0000	0.0000	-3.0701	-2.0000	1.0000	0.0000	1.9000	-4.4000	2.7000	-1.4000	-7.7861	-2.3001	1.0000	1.9000	-2.0000	1.9000	-4.4000	0.0000	0.0000	-1.4001		
	REH312Y	8.4000	-2.0000	2.7000	-3.3000	0.0000	0.0000	4.7000	-1.4000	2.0700	2.2000	0.0000	-0.0000	-5.8100	-1.4000	-1.7000	-5.3000	0.0000	0.0000	-3.0701	-2.0000	1.0000	0.0000	1.9000	-4.4000	2.7000	-1.4000	-7.7861	-2.3001	1.0000	1.9000	-2.0000	1.9000	-4.4000	0.0000	0.0000	-1.4001		
	REH320Y	-4.0000	6.4000	7.1000	-1.0000	0.0000	0.0000	2.1401	-4.0000	1.3000	1.3300	0.0000	0.0000	-0.7001	-1.0400	1.7000	-3.0000	0.0000	0.0000	1.0701	0.0000	2.2001	0.0000	3.5400	-4.0000	-5.7400	-7.7861	-1.0001	0.0000	2.2001	-4.0000	2.2001	1.0000	-4.0001	0.0000	0.0000	0.0000	1.0001	
	REK001Y	-1.0750	-1.2400	-1.0000	-1																																		

	REQ516X	-2.94E-01	-4.28E-01	4.08E-01	-7.44E-01	0.00E+00	0.00E+00	-2.58E-01	-2.88E-04	-7.23E-04	-2.38E-01	0.00E+00	-4.55E-01	-7.63E-01	-1.98E-01	-3.45E-02	-1.28E-01	0.00E+00	0.00E+00	5.97E-01	-3.32E-01	-5.57E+00	0.00E+00	1.57E-01	-4.88E-04	-1.05E-02	-1.91E-01	-2.87E+00	0.00E+00	-5.57E+00	-5.58E-01	-5.57E+01	1.45E+00	-2.47E+00	0.00E+00	0.00E+00	0.00E+00	-1.40E+02
	REQ516Y	1.62E-04	-4.38E-01	4.37E-01	-7.44E-01	0.00E+00	0.00E+00	-5.76E-02	-3.00E-04	-7.12E-04	-3.11E-01	0.00E+00	-1.03E-01	-7.59E-01	-1.89E-01	-3.18E-02	-1.30E-01	0.00E+00	0.00E+00	6.87E-01	-4.06E-01	-5.57E+00	0.00E+00	9.52E-01	-4.88E-04	-1.07E-02	-2.91E-01	-2.88E+00	0.00E+00	-5.57E+00	-3.78E-01	-5.57E+01	1.38E+00	-2.88E+00	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
	REQ520X	-8.85E-01	-1.27E+01	-1.22E-01	-1.28E+00	0.00E+00	0.00E+00	-4.32E+00	-4.88E-04	-1.22E-01	-1.48E-02	0.00E+00	5.25E-01	-1.07E+00	-6.88E-01	-3.88E-02	-1.34E+01	0.00E+00	0.00E+00	-7.88E+00	-2.32E-01	-1.00E+00	0.00E+00	-3.72E-01	-8.78E-01	-4.48E-02	-1.24E-01	-3.18E+00	0.00E+00	-1.00E+01	-2.34E-01	-1.00E+01	-1.79E+01	-3.18E+00	0.00E+00	0.00E+00	0.00E+00	-2.78E+02
	REQ520Y	-7.88E-02	-1.27E+01	-1.12E-02	-1.28E+00	0.00E+00	0.00E+00	-4.94E+00	-4.01E-04	-1.27E-01	-1.44E-02	0.00E+00	-5.66E-01	-1.18E+00	-8.82E-01	-3.78E-02	-1.38E+01	0.00E+00	0.00E+00	-7.78E+00	-2.44E-01	-1.00E+00	0.00E+00	-1.38E-01	-8.88E-01	-4.32E-01	-1.38E-01	-3.18E+00	0.00E+00	-1.00E+01	-2.38E-01	-1.00E+01	-1.79E+01	-3.18E+00	0.00E+00	0.00E+00	0.00E+00	-2.78E+02
	REQ524X	-1.48E-04	-8.43E-01	3.88E-01	-7.57E-01	0.00E+00	0.00E+00	-2.97E-01	-3.30E-04	-7.38E-04	-2.88E-01	0.00E+00	-1.02E+00	-7.91E-01	-2.08E-01	-3.52E-02	-1.28E+01	0.00E+00	0.00E+00	8.45E-01	-4.18E-01	-5.73E+00	0.00E+00	1.12E-01	-4.88E-04	-1.13E-01	-2.32E-01	-2.87E+00	0.00E+00	-5.73E+00	-5.58E-01	-5.73E+01	1.37E+00	-2.87E+00	0.00E+00	0.00E+00	0.00E+00	-1.47E+02
	REQ524Y	2.58E-04	-8.38E-01	4.83E-01	-7.44E-01	0.00E+00	0.00E+00	-1.68E-02	-2.78E-04	-7.18E-04	-2.85E-01	0.00E+00	-4.98E-01	-7.58E-01	-1.84E-01	-3.11E-02	-1.30E+01	0.00E+00	0.00E+00	7.13E-01	-3.83E-01	-5.57E+00	0.00E+00	1.41E-01	-4.88E-04	-8.98E-04	-2.90E-01	-2.88E+00	0.00E+00	-5.57E+00	-1.85E-01	-5.57E+01	1.48E+00	-2.88E+00	0.00E+00	0.00E+00	0.00E+00	-1.41E+02
	REU510Y	2.48E-04	4.83E-01	1.87E-01	4.73E-02	0.00E+00	0.00E+00	1.52E-01	-8.42E-01	8.07E-01	8.94E-04	0.00E+00	0.00E+00	-1.71E-01	-8.87E-01	3.94E-02	-8.18E-01	0.00E+00	0.00E+00	2.32E-01	0.00E+00	9.38E-01	0.00E+00	7.53E-01	2.88E-04	1.84E-04	0.00E+00	-1.01E+01	0.00E+00	9.38E-01	1.88E-01	9.38E-01	8.39E-01	-1.01E+01	0.00E+00	0.00E+00	0.00E+00	8.32E+02
	REU511X	-1.18E-04	-1.78E-01	-1.32E-04	-1.78E-01	0.00E+00	0.00E+00	1.07E-02	-5.00E-02	-2.75E-04	-4.28E-04	0.00E+00	0.00E+00	-3.06E-01	-1.44E-01	-2.78E-02	-1.23E+01	0.00E+00	0.00E+00	-4.83E-02	0.00E+00	-2.81E-01	0.00E+00	-1.48E-01	-4.38E-01	-1.08E-04	0.00E+00	-1.79E+00	0.00E+00	-2.81E-01	4.23E-01	-2.81E-01	-2.28E+00	-1.78E+00	0.00E+00	0.00E+00	0.00E+00	-1.57E+02
	REU512X	-1.18E-04	8.83E-01	4.84E-04	-8.79E-01	0.00E+00	0.00E+00	2.82E-01	-7.94E-01	3.84E-01	3.13E-04	0.00E+00	0.00E+00	-3.08E-02	3.48E-01	-3.08E-02	-2.82E+00	0.00E+00	0.00E+00	-4.37E-01	0.00E+00	9.74E-01	0.00E+00	2.85E-01	9.85E-01	1.08E-04	-7.78E-01	-2.98E+01	0.00E+00	9.74E-01	-8.27E-01	9.74E-01	-7.57E-02	-2.98E-01	0.00E+00	0.00E+00	0.00E+00	1.34E+01
	REU610Y	-4.72E-01	-1.07E-01	-2.52E-04	-1.07E-01	0.00E+00	0.00E+00	-4.84E-02	-1.37E-01	-1.21E-01	-3.08E-04	0.00E+00	0.00E+00	-5.08E-01	-1.83E-01	-8.85E-04	-7.04E-01	0.00E+00	0.00E+00	-7.08E-02	0.00E+00	-2.08E-01	0.00E+00	-1.51E-01	-4.02E-04	-5.02E-01	0.00E+00	-1.03E+00	0.00E+00	-2.08E-01	-5.42E-01	-2.08E-01	-1.24E+00	-1.03E+00	0.00E+00	0.00E+00	0.00E+00	-2.57E+02
	REW111X	3.78E-04	-1.38E-01	4.38E-01	-1.48E-01	0.00E+00	0.00E+00	5.53E-01	-5.44E-01	9.31E-01	1.12E-01	0.00E+00	-1.75E-01	-3.74E-01	-6.31E-01	1.03E-02	-3.03E+00	0.00E+00	0.00E+00	7.05E-02	-1.25E-04	-2.88E-01	0.00E+00	2.58E-04	8.05E-01	-1.58E-04	-8.31E-01	-2.17E+01	0.00E+00	-2.88E-01	-3.48E-01	-2.88E-01	-1.43E+00	-2.17E+01	0.00E+00	0.00E+00	0.00E+00	-1.03E+01
	REW112X	2.07E-04	-2.94E-01	4.91E-01	-2.32E-01	0.00E+00	0.00E+00	4.36E-01	-7.32E-01	-2.47E-01	9.83E-04	0.00E+00	-4.88E-01	-1.79E-01	-7.28E-01	7.08E-01	-3.02E+00	0.00E+00	0.00E+00	-2.85E-02	-2.08E-04	-1.17E+00	0.00E+00	5.98E-01	-3.84E-01	-5.92E-04	-1.38E-01	-2.08E-01	0.00E+00	-1.17E+00	-3.45E-01	-1.17E+00	-1.88E+00	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-6.78E+01
	REW112Y	2.04E-04	-2.94E-01	3.99E-01	-2.32E-01	0.00E+00	0.00E+00	4.36E-01	-7.32E-01	-2.98E-01	9.83E-04	0.00E+00	-4.87E-01	-1.83E-01	-7.28E-01	8.71E-01	-3.02E+00	0.00E+00	0.00E+00	-2.85E-02	-2.26E-04	-1.25E+00	0.00E+00	5.98E-01	-3.84E-01	-5.28E-04	-1.38E-01	-2.08E-01	0.00E+00	-1.25E+00	-3.45E-01	-1.25E+00	-1.88E+00	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-5.78E+01
	REW113X	2.04E-04	-2.94E-01	3.88E-01	-2.32E-01	0.00E+00	0.00E+00	4.37E-01	-7.27E-01	-2.58E-01	9.73E-04	0.00E+00	-4.88E-01	-1.83E-01	-7.32E-01	7.88E-01	-3.02E+00	0.00E+00	0.00E+00	-2.85E-02	-2.08E-04	-1.25E+00	0.00E+00	5.98E-01	-3.84E-01	-5.92E-04	-1.38E-01	-2.08E-01	0.00E+00	-1.25E+00	-3.43E-01	-1.25E+00	-1.88E+00	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-5.81E+01
	REW113Y	2.04E-04	-2.94E-01	3.78E-01	-2.35E-01	0.00E+00	0.00E+00	4.38E-01	-6.34E-01	-2.55E-01	9.73E-04	0.00E+00	-4.87E-01	-1.83E-01	-7.34E-01	8.71E-01	-3.03E+00	0.00E+00	0.00E+00	-2.85E-02	-2.26E-04	-1.25E+00	0.00E+00	5.98E-01	-3.84E-01	-5.38E-04	-1.38E-01	-2.08E-01	0.00E+00	-1.25E+00	-3.43E-01	-1.25E+00	-1.88E+00	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-6.05E+01
	REW114X	2.11E-04	-2.78E-01	4.21E-01	-1.91E-01	0.00E+00	0.00E+00	5.05E-01	-1.24E-04	-2.75E-01	8.73E-04	0.00E+00	-4.88E-01	-1.88E-01	-7.32E-01	9.17E-01	-3.05E+00	0.00E+00	0.00E+00	9.58E-02	-2.08E-04	-8.11E-01	0.00E+00	2.11E-01	-3.91E-01	-5.25E-04	-1.38E-01	-2.17E+01	0.00E+00	-9.15E-01	-3.28E-01	-8.11E-01	-8.63E-01	-2.17E+01	0.00E+00	0.00E+00	0.00E+00	-5.37E+01
	REW114Y	2.04E-04	-2.92E-01	3.88E-01	-2.32E-01	0.00E+00	0.00E+00	4.28E-01	-1.73E-04	-2.82E-01	7.81E-04	0.00E+00	-4.87E-01	-1.88E-01	-7.34E-01	9.07E-01	-3.02E+00	0.00E+00	0.00E+00	-2.85E-02	-2.26E-04	-1.25E+00	0.00E+00	5.97E-01	-3.84E-01	-5.43E-04	-1.38E-01	-2.08E-01	0.00E+00	-1.25E+00	-3.43E-01	-1.25E+00	-1.88E+00	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-7.12E+01
	REW115X	2.38E-04	-2.88E-01	3.88E-01	-1.92E-01	0.00E+00	0.00E+00	6.72E-01	-1.88E-04	-2.82E-01	8.93E-04	0.00E+00	-4.88E-01	-1.81E-01	-7.32E-01	1.06E-02	-3.02E+00	0.00E+00	0.00E+00	6.01E-02	-2.08E-04	-8.31E-01	0.00E+00	1.24E-01	-2.94E-01	-5.37E-04	-1.38E-01	-2.08E-01	0.00E+00	-8.31E-01	-3.33E-01	-8.31E-01	8.42E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-6.78E+01
	REW115Y	2.38E-04	-2.88E-01	3.88E-01	-1.92E-01	0.00E+00	0.00E+00	6.48E-01	-1.87E-04	-2.82E-01	8.93E-04	0.00E+00	-4.87E-01	-1.88E-01	-7.32E-01	1.08E-02	-3.02E+00	0.00E+00	0.00E+00	6.01E-02	-2.26E-04	-8.31E-01	0.00E+00	1.24E-01	-2.94E-01	-5.43E-04	-1.38E-01	-2.08E-01	0.00E+00	-8.31E-01	-3.33E-01	-8.31E-01	8.42E-01	-2.08E-01	0.00E+00	0.00E+00	0.00E+00	-7.15E+01
	REW126X	-5.88E-04	-2.91E-01	2.81E-01	-1.95E-01	0.00E+00	0.00E+00	3.03E+00	-1.88E-04	-4.34E-01	-2.83E-02	0.00E+00	-1.11E-01	-2.83E-01	9.89E-01	1.18E-02	-3.47E+00	0.00E+00	0.00E+00	5.49E-01	-1.98E-01	-8.68E-01	0.00E+00	1.78E-01	-2.74E-01	-8.82E-04	-8.81E-01	-3.53E+01	0.00E+00	-6.98E-01	-4.58E-01	-8.68E-01	5.49E-01	-3.53E+01	0.00E+00	0.00E+00	0.00E+00	-8.17E+01
	REW126Y	-5.38E-04	-2.95E-01	2.28E-01	-1.88E-01	0.00E+00	0.00E+00	1.88E+00	-1.42E-04	-4.37E-01	-7.28E-01	0.00E+00	-4.15E-01	-2.78E-01	-1.02E-01	1.07E-02	-3.48E+00	0.00E+00	0.00E+00	4.75E-01	-1.98E-01	-8.77E-01	0.00E+00	-8.38E-01	-1.13E-01	-5.38E-04	-8.81E-01	-3.38E-01	0.00E+00	-8.77E-01	-4.81E-01	-8.77E-01	4.48E+00	-3.38E-01	0.00E+00	0.00E+00	0.00E+00	-8.48E+01
	REW127X	-4.25E-04	-3.88E-01	3.88E-04	-1.93E-01	0.00E+00	0.00E+00	3.36E-02	-1.87E-04	-3.48E-01	-1.72E-04	0.00E+00	-4.15E-01	-3.81E-01	-1.22E-01	1.11E-02	-3.47E+00	0.00E+00	0.00E+00	2.08E-02	-1.98E-01	-7.75E-01	0.00E+00	1.98E-01	-1.77E-01	-1.02E-01	-8.81E-01	-3.21E+01	0.00E+00	-7.75E-01	-4.84E-01	-7.75E-01	3.38E+00	-3.21E-01	0.00E+00	0.00E+00	0.00E+00	-7.85E+01
	REW127Y	-1.13E-02	-3.18E-01	2.91E-04	-1.88E-01	0.00E+00	0.00E+00	-4.83E-01	-1.88E-04	-2.75E-01	-1.93E-01	0.00E+00	-4.12E-01	-3.18E-01	-1.54E-01	1.07E-02	-3.48E+00	0.00E+00	0.00E+00	-5.43E-01	-1.98E-01	-1.27E+00	0.00E+00	-8.44E-01	-4.22E-01	-1.38E-01	-8.81E-01	-4.88E-01	0.00E+00	-1.27E+00	-4.73E-01	-1.27E+00	1.82E+00	-4.88E-01	0.00E+00	0.00E+00	0.00E+00	-7.88E+01
	REW211Y	9.27E-01	3.94E-02	3.84E-01	8.88E-01	0.00E+00	0.00E+00	0.00E+00	1.78E-01	7.82E-01	8.33E-01	0.00E+00	0.00E+00	0.00E+00	1.78E-01	3.94E+00	0.00E+00	0.00E+00	1.19E+01	0.00E+00	1.27E+01	0.00E+00	7.91E-01	5.14E-01	3.88E-01	2.38E-01	0.00E+00	1.98E+00	0.00E+00	1.27E+01	4.34E-01	1.98E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	0.00E+00	4.88E+02
	REW306X	-1.28E-04	-1.27E-01	-4.88E-04	-1.58E-01	0.00E+00	0.00E+00	-1.41E-01	-8.00E-01	3.48E-01	3.98E-01	0.00E+00	-7.87E-01	-4.48E-01	-2.84E-01	3.78E-02	-3.10E+00	0.00E+00	0.00E+00	-6.11E-01	-3.94E-01	9.33E-01	0.00E+00	1.04E-01	2.23E-01	-5.22E-04	-2.08E-01	-4.48E-01	0.00E+00									