INTRODUCTION
The following is a list of increases in North American capacity to process recyclable plastics into products such as plastic lumber, pellets or resins for end-markets. These increases were announced or completed in 2017 or later.

The list covers facilities that have been publicly identified in either the trade or local press. Details of these new plastic processing facilities tend to have less information than similar announcements of expanded recycled end-market capacity in the paper industry. For instance, announcements of projected opening dates have not, in many cases, been accompanied by press releases or news stories confirming the opening. In addition, few of the facilities are taking mixed plastics. Instead, they are relying on MRFs or other processors to do the initial resin sorting.

Each facility listing includes:
- Name and whether new or expanded facility
- location
- projected processing capacity (input) and/or production capacity (output) in tons per year (TPY) ¹
- product
- projected opening date

This list will be updated as new capacity is announced or new information received. If you have information about capacity expansions not listed here or corrections to the information on this list, please contact Chaz Miller, Chair, NERC-NEWMOA Regional Recycling Markets Committee, chazmiller9@gmail.com, 301-346-6507.

List of acronyms
ABS = acrylonitrile butadiene styrene  
EPS = expanded polystyrene  
HDPE = high density polyethylene  
LDPE = low density polyethylene  
LLDPE = linear low-density polyethylene  
PC = polycarbonate  
PET = polyethylene terephthalate  
PP = polypropylene  
PVC = poly vinyl chloride  
RPET = recycled PET  
TPM = tons per month  
TPY = tons per year

¹ Some facilities reported in metric tonnes per year. For the sake of consistency, those numbers have been converted to tons per year (TPY).
FACILITIES

Avangard - New
Houston, Texas
Process: 50,000 TPY LDPE film from commercial generators
Product: pellets
First quarter 2020

Avangard - New
Mexico
Process: 50,000 TPY LDPE film from commercial generators
Product: pellets
Second quarter 2020

Avangard - New
Nevada
Process: 50,000 TPY LDPE film from commercial generators
Product: pellets
Fourth quarter 2020

Azek - New
Wilmington, Ohio
Process: 50,000 TPY of HDPE, LDPE
Product: plastic lumber
April 2019

CarbonLite - New
Muhlenberg, Pennsylvania
Process: 75,000 TPY PET
Product: food grade PET bottle
First quarter 2020

Ecomelida - New
Orangeburg County, South Carolina
Process: plastic film, food and beverage cartons including aseptic packages
Product: pellets and paper pulp for export to China
Fourth quarter 2020 plastic pellets, First quarter 2022, paper pulp

EFS-Plastics - Expansion
Hazelton, Pennsylvania
Process: plastic film, increased capacity by 40 percent
Product: pellets
2019
**EFS-Plastics - Expansion**
Listowel, Ontario
Process: mixed rigids and film - increased capacity by 50 percent
Product: pellets
Summer 2019
*NOTE:* The two EFS-Plastics facilities took in a total of 30,000 tons in 2019

**FDS Manufacturing - Expansion**
Pomona, California
Process: 2,000 TPY PP & PE
Product: pellets
2020

**GDB International - Expansion**
New Brunswick, New Jersey
Process: LDPE, LLDPE, HDPE
Product: pellets
First quarter 2019

**Green Tech Solutions - New**
Blacksburg, South Carolina
Process: 50,000 TPY post-industrial PET, HDPE, PP, and ABS
Product: Pellets for export
Second quarter 2019

**Indorama/Loop Partnership - New**
Spartanburg, South Carolina
Process: depolymerize 22,500 TPY PE bottles
Product: RPET
Second quarter 2020

**MCM Plastic - Expansion**
Holden, Louisiana
Process: post-industrial PVC production residue
Product: resin
2020

**Merlin Plastics - Expansion**
Delta, British Columbia
Process: additional 15,000 TPY of LDPE, PP, PS
Product: resin, pellets
2019
**Netafim - Expansion**  
Fresno, California  
Process: tonnage not specified, HDPE irrigation tubing  
Product: irrigation tubing  
2020

**Peninsula Plastics (subsidiary of Merlin Plastics) - Expansion**  
Turlock, California  
Process: additional 20,000 TPY of 1-7 bales  
Product: PET food grade pellets and non-food-grade PE and PP flakes  
Date not specified

**Polywood - New**  
Roxboro, North Carolina  
Process: 15,000 – 20,000 TPY post-consumer HDPE and mixed plastic bales  
Product: plastic furniture and lumber  
Full capacity First quarter 2022

**PreZero Polymers/ACI Plastics - New**  
Riverside, California  
Process: 12,500 TPY of LDPE, LLDPE film from store drop-off, post-commercial sources, etc.  
Product: pellets  
First quarter 2020

**PreZero Polymers/ACI Plastics - Expansion**  
Westminster, South Carolina  
Process: 25,000 TPY of bales of 2-7 and 3-7 MRF processed plastic  
Product: pellets of PE and PP  
Second quarter 2020

**PureCycle Technologies - New**  
Ironton, Ohio  
Process: 59,500 TPY of PP  
Product: pellets  
2021

**Roplast Industries - Expansion**  
Oroville, California  
Process: 2,500 TPY LDPE  
Product: film for grocery bags  
2020

**Roy Tech Environ - New**  
Grant, Alabama  
Process: 22,050 TPY of engineering plastics, including nylon, PC and PC/ABS  
Product: pellets for export  
Summer 2018
**rPlanet Earth - New**  
Vernon, California  
Process: 45,000 TPY PET  
Product: 40,000 TPY of RPET bottle preforms, sheet & thermoform packaging  
Opened October, 2018, Double capacity in 2020

**Sirmax - New**  
Anderson, Indiana  
Process: polypropylene and polyethylene scrap  
Product: thermoplastic compounds for a variety of products  
Fourth quarter 2022

**UPT - New**  
Montezuma, Georgia  
Process: 24,000 TPY of LDPE, HDPE, PC and agricultural plastic from post-industrial and post-consumer sources  
Product: pellets  
First quarter 2019