

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
New Jersey	201/551														k
District of Columbia	202	2022	4Q	2022	4Q	2021	1Q	2020	2Q	2020	4Q	2021	1Q	N/C	
Connecticut	203/475					2045	1Q	2043	2Q						k
Canada	204/431	2026	1Q			2023	3Q			2027	4Q	2032	1Q	10Q	c
Alabama	205	2020	4Q	2021	4Q	2022	2Q	2023	1Q	2025	4Q	2023	3Q	-4Q	b
Washington	206	2025	4Q	2025	2Q	2024	4Q	2024	1Q	2027	3Q	2029	1Q	2Q	a
Maine	207	2027	4Q	2031	4Q	2030	4Q	2023	4Q	2024	2Q	2021	3Q	-16Q	b
Idaho	208/986							2018	4Q	2019	1Q	2018	2Q		k
California	209	2024	2Q	2022	3Q	2022	1Q	2020	2Q	2020	4Q	2021	4Q	7Q	a
Texas	210/726							2017	4Q	2018	1Q	2018	3Q		k
New York	212/646/332	2047	4Q					2017	2Q	2017	4Q	2017	4Q	-3Q	b
California	213/323	2028	1Q	2027	2Q			2038	1Q	2042	3Q			3Q	a
Texas	214/469/972	2021	3Q	2021	3Q	2020	3Q	2020	1Q	2020	1Q	2019	3Q	N/C	
Pennsylvania	215/267/445	2045	2Q	2019	2Q	2018	2Q	2018	2Q	2019	2Q	2019	4Q	108Q	a
Ohio	216			2044	1Q	2040	4Q	2032	4Q	2033	2Q	2032	1Q	13Q	k
Illinois	217	2021	1Q	2021	3Q	2021	1Q	2019	4Q	2020	4Q	2020	2Q	-2Q	b
Minnesota	218							2028	2Q	2028	2Q	2027	2Q		k
Indiana	219														k
Ohio	220/740														k
Pennsylvania	223/717							2017	3Q	2018	2Q	2018	3Q		f
Illinois	224/847	2037	4Q	2034	1Q	2031	4Q	2029	1Q	2028	1Q	2028	3Q	15Q	a
Louisiana	225														k
Canada	226/519/548	2029	1Q			2026	4Q			2027	2Q	2029	1Q	9Q	c
Mississippi	228			2045	4Q									31Q	k
Georgia	229														k
Michigan	231					2045	1Q	2037	1Q	2037	1Q	2036	4Q		k
Ohio	234/330							2035	1Q	2037	1Q	2034	4Q		k
Canada	236/250/604/778	2020	3Q			2020	2Q	2021	1Q	2030	4Q	2033	2Q	1Q	c
Florida	239														k
Maryland	240/301	2024	3Q	2024	1Q	2023	2Q	2022	3Q	2023	1Q	2022	3Q	2Q	a
Michigan	248/947														k
Canada	249/705	2026	2Q			2024	3Q			2025	2Q	2030	3Q	7Q	c
Alabama	251														k

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
North Carolina	252							2038	2Q	2035	4Q	2035	4Q		k
Washington	253														k
Texas	254	2043	2Q	2040	4Q	2041	2Q	2040	1Q	2042	4Q			10Q	a
Alabama	256/938														k
Indiana	260														k
Wisconsin	262			2045	1Q							2030	2Q		k
Michigan	269							2037	4Q	2037	2Q	2029	2Q		k
Kentucky	270/364														k
Pennsylvania	272/570									2041	3Q	2045	3Q		k
Virginia	276														k
California	279/916			2019	2Q									180Q	a,f,k
Texas	281/346/713/832	2027	2Q	2026	3Q	2025	2Q	2022	3Q	2023	1Q	2023	2Q	3Q	a
Canada	289/365/905	2022	4Q			2023	3Q			2034	2Q	2026	1Q	-3Q	c
Delaware	302							2038	2Q	2038	1Q	2036	3Q		k
Colorado	303/720	2023	1Q	2023	1Q	2022	2Q	2021	1Q	2021	1Q	2019	4Q	N/C	
West Virginia	304/681							2034	3Q	2032	2Q	2033	2Q		k
Florida	305/786	2024	1Q	2022	3Q	2021	2Q	2021	1Q	2021	3Q	2021	2Q	6Q	a
Canada	306/639	2022	2Q			2022	3Q			2027	2Q			-1Q	c
Wyoming	307														k
Nebraska	308			2046	1Q	2038	1Q	2023	2Q	2026	3Q	2026	2Q	54Q	k
Illinois	309	2031	2Q	2033	4Q	2033	1Q	2029	1Q	2029	3Q	2029	1Q	-10Q	b
California	310/424	2041	4Q	2036	3Q	2034	3Q	2028	3Q	2029	1Q	2028	2Q	21Q	a
Illinois	312/773/872	2043	2Q	2041	1Q	2037	1Q	2033	4Q	2032	2Q	2030	2Q	9Q	a
Michigan	313	2030	1Q	2026	4Q	2024	4Q	2021	2Q	2021	1Q	2019	2Q	13Q	a
Missouri	314	2024	2Q	2023	2Q	2021	4Q	2020	2Q	2020	4Q	2019	4Q	4Q	a
New York	315/680							2017	2Q	2017	2Q	2017	1Q		k
Kansas	316	2037	2Q	2031	2Q	2028	1Q	2022	2Q	2024	3Q	2024	3Q	24Q	a
Indiana	317/463									2016	4Q	2016	4Q		k
Louisiana	318	2029	1Q	2028	2Q	2027	1Q	2026	3Q	2031	3Q	2027	1Q	3Q	a
Iowa	319														k
Minnesota	320											2044	2Q		k
Florida	321/407	2020	3Q	2020	2Q	2018	3Q	2018	2Q	2018	4Q	2016	4Q	1Q	i
Florida	321A														g, k

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Texas	325														k
Illinois	331/630														k
Alabama	334	2034	4Q	2040	2Q			2037	2Q	2036	4Q	2029	2Q	-22Q	b
North Carolina	336/743														k
Louisiana	337														k
Massachusetts	339/781														k
Virgin Islands	340														k
Canada	343/613	2024	1Q			2025	2Q			2025	4Q	2033	3Q	-5Q	c
New York	347/718/929	2028	4Q	2027	2Q	2026	2Q	2023	2Q	2022	4Q	2022	1Q	6Q	a
Massachusetts	351/978														k
Florida	352	2043	3Q	2043	4Q	2040	3Q	2037	1Q	2036	3Q	2028	3Q	-1Q	b
Washington	360/564							2017	4Q	2018	1Q	2019	1Q		k
Texas	361														k
Ohio	380/614														k
Utah	385/801	2040	3Q	2039	4Q	2039	3Q	2037	2Q	2037	4Q	2040	1Q	3Q	a
Florida	386														k
Rhode Island	401														k
Nebraska	402/531														k
Canada	403/587/780/825	2022	3Q			2022	1Q			2031	2Q	2026	4Q	2Q	c
Georgia	404/470/678/770	2023	2Q	2023	1Q	2024	1Q	2022	2Q	2028	3Q	2022	3Q	1Q	a
Oklahoma	405	2021	2Q	2021	2Q	2021	1Q	2020	2Q	2020	4Q	2019	4Q	N/C	
Montana	406	2029	3Q	2031	3Q	2034	4Q	2022	4Q	2023	2Q	2022	3Q	-8Q	b
California	408/669														k
Texas	409														k
Maryland	410/443/667														k
Pennsylvania	412/724/878														k
Massachusetts	413							2046	3Q						k
Wisconsin	414							2039	3Q	2042	1Q	2034	2Q		k
California	415/628	2046	4Q	2042	4Q	2038	2Q	2038	1Q	2040	3Q	2043	1Q	16Q	a
Canada	416/437/647	2027	1Q			2030	2Q			2027	4Q	2027	1Q	-13Q	c
Missouri	417	2035	1Q	2034	2Q	2036	4Q	2027	3Q	2027	1Q	2027	3Q	3Q	a
Canada	418/581/367	2038	3Q	2020	1Q	2020	3Q	2019	1Q	2029	2Q	2023	4Q	74Q	c
Ohio	419/567							2037	2Q						k

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Tennessee	423	2030	1Q	2027	1Q	2029	4Q	2026	4Q	2027	1Q	2024	2Q	12Q	a
Washington	425	2047	1Q	2045	1Q	2041	3Q	2032	2Q	2040	1Q			8Q	a
Texas	430/903							2042	1Q	2043	4Q				k
Texas	432														k
Virginia	434														k
Utah	435														k
Canada	438/514	2026	1Q			2028	3Q			2027	4Q	2026	3Q	-10Q	c
Ohio	440	2023	4Q	2023	2Q	2023	3Q	2020	2Q	2020	2Q	2019	3Q	2Q	a
California	442/760	2051	4Q	2043	4Q	2042	3Q	2037	4Q	2038	1Q	2040	1Q	32Q	a
Canada	450/579	2021	2Q			2022	2Q			2023	3Q	2032	4Q	-4Q	c
Oregon	458/541							2041	4Q	2038	3Q	2038	2Q		k
Georgia	478														k
Arkansas	479														k
Arizona	480	2024	4Q	2024	4Q	2023	3Q	2020	4Q	2021	4Q	2021	1Q	N/C	
Pennsylvania	484/610	2021	4Q	2021	2Q	2021	2Q	2020	1Q	2020	1Q	2021	1Q	2Q	a
Arkansas	501														k
Kentucky	502	2034	2Q	2030	4Q	2032	3Q	2030	3Q	2032	1Q	2030	3Q	14Q	a
Oregon	503/971							2037	2Q	2037	4Q	2038	4Q		k
Louisiana	504	2045	4Q									2038	3Q	-23Q	b
New Mexico	505	2039	2Q	2034	4Q	2032	3Q	2027	2Q	2027	4Q	2026	2Q	18Q	a
Canada	506	2021	4Q			2021	4Q	2020	2Q	2021	1Q	2025	2Q	N/C	
Minnesota	507	2032	2Q	2032	1Q	2036	1Q	2026	4Q	2027	2Q	2026	4Q	1Q	a
Massachusetts	508/774	2043	2Q	2039	3Q	2036	4Q	2032	3Q	2035	2Q	2032	1Q	15Q	a
Washington	509	2028	4Q	2031	1Q	2029	2Q	2024	4Q	2025	2Q	2024	2Q	-9Q	b
California	510	2019	2Q	2019	2Q	2018	2Q	2018	2Q	2019	2Q	2019	4Q	N/C	
Texas	512/737							2040	4Q	2041	1Q				k
Ohio	513	2024	1Q	2024	3Q	2023	2Q	2019	1Q	2019	4Q	2019	2Q	-2Q	b
Iowa	515					2044	3Q	2035	2Q	2034	4Q	2034	2Q		k
New York	516	2023	4Q	2024	3Q	2024	1Q	2022	2Q	2022	4Q	2022	2Q	-3Q	b
Michigan	517							2029	3Q	2029	2Q	2028	4Q		k
New York	518/838	2047	4Q					2017	3Q	2019	1Q	2019	2Q	-2Q	b
Arizona	520	2040	4Q	2038	2Q	2035	3Q	2029	4Q	2030	4Q	2027	1Q	10Q	a
California	530	2027	1Q	2026	2Q	2026	1Q	2023	1Q	2023	3Q	2022	3Q	3Q	a

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Wisconsin	534/715														k
Oklahoma	539/918	2042	4Q									2041	2Q	-25Q	b
Virginia	540	2024	2Q	2026	4Q	2031	2Q	2024	1Q	2024	3Q	2022	2Q	-10Q	b
California	559	2029	2Q	2026	1Q	2024	4Q	2021	2Q	2021	4Q	2023	4Q	13Q	a
Florida	561	2032	3Q	2029	1Q	2027	4Q	2026	4Q	2028	1Q	2028	3Q	14Q	a
California	562	2045	4Q	2039	4Q	2038	2Q	2030	2Q	2033	3Q	2033	4Q	24Q	a
Iowa	563	2035	3Q	2037	3Q	2037	1Q							-8Q	b
Virginia	571/703	2039	1Q	2046	1Q	2042	4Q	2036	3Q	2037	1Q	2030	3Q	-28Q	b
Missouri	573	2024	4Q	2025	1Q	2025	1Q	2022	3Q	2022	3Q	2023	1Q	-1Q	b
Indiana	574														k
New Mexico	575									2043	4Q	2042	2Q		k
Oklahoma	580	2027	3Q	2029	3Q	2030	1Q	2024	3Q	2026	1Q	2026	2Q	-8Q	b
New York	585	2045	1Q	2037	4Q	2038	3Q	2034	4Q	2036	2Q	2033	4Q	29Q	a
Michigan	586	2032	2Q	2028	2Q	2026	1Q	2023	2Q	2024	3Q	2028	2Q	16Q	a
Mississippi	601/769														k
Arizona	602	2033	1Q	2031	3Q	2030	1Q	2022	1Q	2022	4Q	2021	2Q	6Q	a
New Hampshire	603	2031	3Q	2033	3Q	2034	1Q	2029	1Q	2032	2Q	2024	1Q	-8Q	b
South Dakota	605	2030	2Q	2031	1Q	2036	3Q	2027	4Q	2027	4Q	2029	2Q	-3Q	b
Kentucky	606	2044	3Q	2046	2Q	2041	1Q	2043	2Q			2030	3Q	-7Q	b
New York	607														k
Wisconsin	608	2026	2Q	2031	3Q	2031	3Q	2029	4Q	2032	1Q	2025	4Q	-21Q	b
New Jersey	609/640			2018	3Q	2018	3Q	2018	3Q	2019	2Q	2018	4Q		f,k
Minnesota	612	2036	1Q	2037	3Q	2036	2Q	2029	1Q	2029	3Q	2029	2Q	-6Q	b
Tennessee	615/629														k
Michigan	616							2033	1Q	2032	4Q	2028	2Q		k
Massachusetts	617/857	2038	1Q	2042	2Q	2040	1Q	2040	2Q	2045	4Q	2041	3Q	-17Q	b
Illinois	618	2025	3Q	2025	1Q	2024	3Q	2022	1Q	2021	3Q	2021	3Q	2Q	a
California	619/858	2036	1Q	2018	4Q	2018	4Q	2018	4Q	2019	1Q	2019	1Q	74Q	a,f,k
Kansas	620	2039	3Q	2035	1Q			2026	3Q	2026	2Q	2026	2Q	18Q	a
Arizona	623														k
California	626	2030	2Q	2029	1Q	2028	1Q	2024	3Q	2026	1Q	2029	3Q	5Q	a
New York	631/934											2016	3Q		k
Missouri	636														k

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Iowa	641														k
California	650	2029	4Q	2029	3Q	2027	3Q	2024	2Q	2027	2Q	2030	4Q	1Q	a
Minnesota	651							2036	2Q	2036	1Q	2035	3Q		k
California	657/714	2039	1Q	2034	1Q	2032	2Q	2028	2Q	2034	3Q	2040	3Q	20Q	a
Missouri	660			2037	4Q	2036	4Q	2034	3Q	2034	1Q	2028	2Q	52Q	k
California	661	2040	2Q	2035	4Q	2034	1Q	2027	4Q	2029	2Q	2025	4Q	18Q	a
Mississippi	662	2034	4Q					2040	3Q			2030	3Q	-68Q	b
CNMI	670														k
Guam	671														k
Texas	682/817			2045	3Q	2042	4Q	2039	1Q	2043	4Q	2040	3Q	11Q	k
American Samoa	684														k
North Dakota	701	2030	4Q	2032	3Q	2035	4Q	2023	2Q	2022	4Q	2021	3Q	-7Q	b
Nevada	702/725			2045	4Q	2044	4Q	2043	1Q	2044	2Q	2044	4Q	36Q	k
North Carolina	704/980	2042	1Q	2038	3Q	2039	3Q	2033	2Q	2039	2Q	2040	2Q	14Q	a
Georgia	706/762														k
California	707	2025	3Q	2025	4Q	2024	1Q	2020	2Q	2021	1Q	2021	3Q	-1Q	b
Illinois	708	2020	3Q	2019	4Q	2019	1Q	2017	3Q	2017	2Q	2017	2Q	3Q	a
Canada	709	2023	2Q	2023	2Q	2019	3Q	2019	1Q	2019	2Q	2024	2Q	N/C	
Iowa	712														k
New York	716	2025	2Q	2025	1Q	2023	3Q	2022	2Q	2023	3Q	2023	4Q	1Q	a
Colorado	719	2046	1Q	2046	1Q	2043	4Q	2029	4Q	2030	1Q	2030	3Q	N/C	
Florida	727	2041	4Q	2037	3Q	2036	3Q	2032	2Q	2032	2Q	2030	4Q	17Q	a
Tennessee	731	2037	2Q	2034	3Q	2036	3Q							11Q	a
New Jersey	732/848														k
Michigan	734	2042	2Q	2034	2Q	2033	4Q	2023	4Q	2023	4Q	2023	4Q	32Q	a
California	747/818					2044	2Q	2040	3Q	2039	2Q	2044	1Q		k
Florida	754/954														k
Virginia	757	2023	1Q	2023	2Q	2023	3Q	2023	1Q	2025	3Q	2024	1Q	-1Q	b
Minnesota	763														k
Indiana	765			2042	4Q	2041	1Q	2032	2Q	2032	3Q	2030	3Q	31Q	k
Florida	772														k
Nevada	775														k
Illinois	779/815														k

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Canada	782/902	2033	1Q			2029	4Q			2033	2Q	2036	4Q	15Q	c
Kansas	785							2028	2Q			2024	1Q		k
Puerto Rico	787/939							2042	4Q						k
Vermont	802														k
South Carolina	803	2020	4Q	2020	4Q	2021	2Q	2021	2Q	2021	4Q	2020	1Q	N/C	
Virginia	804	2027	2Q	2027	1Q	2026	1Q	2029	3Q	2031	3Q	2028	3Q	2Q	a
California	805/820			2018	2Q	2018	2Q	2017	4Q	2018	2Q	2018	4Q	299Q	f,k
Texas	806	2021	4Q	2028	1Q	2031	4Q	2030	3Q	2031	1Q	2027	3Q	-26Q	b
Canada	807														d
Hawaii	808	2036	2Q	2032	4Q	2030	1Q	2028	2Q	2028	4Q	2029	3Q	14Q	a
Michigan	810									2044	3Q				k
Indiana	812/930														k
Florida	813	2021	4Q	2021	4Q	2022	1Q	2021	1Q	2021	3Q	2022	3Q	N/C	
Pennsylvania	814	2021	2Q	2021	3Q	2021	2Q	2021	3Q	2022	3Q	2020	4Q	-1Q	b
Missouri	816	2025	3Q	2026	1Q	2025	2Q	2022	1Q	2022	3Q	2022	1Q	-2Q	b
Canada	819/873	2026	4Q			2023	3Q			2025	2Q			11Q	c
North Carolina	828	2036	2Q	2040	3Q	2042	2Q	2042	2Q			2035	4Q	-17Q	b
Texas	830														k
California	831														k
South Carolina	843/854														k
New York	845	2027	2Q	2025	3Q	2025	1Q	2022	2Q	2024	3Q	2023	4Q	7Q	a
Florida	850	2027	2Q	2030	1Q	2029	2Q	2024	2Q	2030	4Q	2024	2Q	-11Q	b
New Jersey	856			2045	4Q	2043	4Q	2035	1Q	2038	2Q	2038	2Q	12Q	k
Kentucky	859							2039	1Q	2039	1Q	2038	1Q	136Q	k
Connecticut	860/959														k
New Jersey	862/973														k
Florida	863														k
South Carolina	864	2027	2Q	2029	1Q	2031	1Q	2027	3Q	2030	4Q	2029	4Q	-7Q	b
Tennessee	865														k
Canada	867	2039	2Q			2036	3Q							11Q	c
Arkansas	870	2023	3Q	2023	1Q	2023	1Q	2022	2Q	2020	4Q	2023	2Q	2Q	a
Tennessee	901	2038	1Q	2032	2Q	2037	3Q	2035	3Q	2036	1Q	2034	3Q	23Q	a
Florida	904	2030	1Q	2027	2Q	2027	1Q	2027	2Q	2029	4Q	2028	1Q	11Q	a

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By NPA

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Michigan	906									2041	3Q	2042	1Q		k
Alaska	907	2045	4Q					2031	1Q	2029	4Q	2028	2Q	-30Q	b
New Jersey	908	2046	3Q					2031	2Q	2031	3Q	2031	1Q	-9Q	b
California	909	2020	3Q	2020	1Q	2019	1Q	2019	1Q	2019	3Q	2019	4Q	2Q	a
North Carolina	910	2024	1Q	2022	2Q	2023	1Q	2021	2Q	2024	1Q	2021	4Q	7Q	b
Georgia	912	2046	2Q	2041	2Q	2045	2Q	2040	3Q	2038	3Q	2036	3Q	20Q	a
Kansas	913	2045	2Q	2045	3Q	2042	2Q	2030	4Q	2033	4Q	2026	2Q	-1Q	b
New York	914	2044	4Q	2044	4Q	2040	4Q	2029	2Q	2029	4Q	2026	3Q	N/C	
Texas	915														k
New York	917														e
North Carolina	919/984														k
Wisconsin	920	2030	1Q	2032	2Q	2032	1Q	2025	2Q	2025	3Q	2021	1Q	-9Q	b
California	925							2037	2Q	2037	4Q				k
Arizona	928														k
Tennessee	931	2045	2Q	2040	4Q									18Q	a
Texas	936														k
Ohio	937	2020	3Q	2020	3Q	2020	3Q	2019	4Q	2020	3Q	2020	4Q	N/C	
Texas	940														k
Florida	941														k
California	949	2031	1Q	2029	3Q	2027	3Q	2025	3Q	2026	3Q	2028	3Q	6Q	a
California	951	2035	2Q	2031	1Q	2028	3Q	2026	3Q	2028	1Q	2028	2Q	17Q	a
Minnesota	952									2041	3Q	2039	3Q		k
Texas	956	2031	1Q	2026	4Q	2027	1Q	2025	1Q	2026	3Q	2031	1Q	17Q	a
Colorado	970	2030	1Q	2027	1Q	2026	1Q	2021	3Q	2021	4Q	2023	4Q	12Q	a
Texas	979											2041	3Q		k
Louisiana	985														k
Michigan	989	2039	3Q	2042	4Q	2037	4Q	2023	4Q	2025	2Q	2027	3Q	-13Q	b

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2017.2 to 2018.1	
Alabama	205	2020	4Q	2021	4Q	2022	2Q	2023	1Q	2025	4Q	2023	3Q	-4Q	b
Alabama	251														k
Alabama	334	2034	4Q	2040	2Q			2037	2Q	2036	4Q	2029	2Q	-22Q	b
Alabama	256/938														k
Alaska	907	2045	4Q					2031	1Q	2029	4Q	2028	2Q	-30Q	b
American Samoa	684														k
Arizona	480	2024	4Q	2024	4Q	2023	3Q	2020	4Q	2021	4Q	2021	1Q	N/C	
Arizona	520	2040	4Q	2038	2Q	2035	3Q	2029	4Q	2030	4Q	2027	1Q	10Q	a
Arizona	602	2033	1Q	2031	3Q	2030	1Q	2022	1Q	2022	4Q	2021	2Q	6Q	a
Arizona	623														k
Arizona	928														k
Arkansas	479														k
Arkansas	501														k
Arkansas	870	2023	3Q	2023	1Q	2023	1Q	2022	2Q	2020	4Q	2023	2Q	2Q	a
California	209	2024	2Q	2022	3Q	2022	1Q	2020	2Q	2020	4Q	2021	4Q	7Q	a
California	510	2019	2Q	2019	2Q	2018	2Q	2018	2Q	2019	2Q	2019	4Q	N/C	
California	530	2027	1Q	2026	2Q	2026	1Q	2023	1Q	2023	3Q	2022	3Q	3Q	a
California	559	2029	2Q	2026	1Q	2024	4Q	2021	2Q	2021	4Q	2023	4Q	13Q	a
California	562	2045	4Q	2039	4Q	2038	2Q	2030	2Q	2033	3Q	2033	4Q	24Q	a
California	626	2030	2Q	2029	1Q	2028	1Q	2024	3Q	2026	1Q	2029	3Q	5Q	a
California	650	2029	4Q	2029	3Q	2027	3Q	2024	2Q	2027	2Q	2030	4Q	1Q	a
California	661	2040	2Q	2035	4Q	2034	1Q	2027	4Q	2029	2Q	2025	4Q	18Q	a
California	707	2025	3Q	2025	4Q	2024	1Q	2020	2Q	2021	1Q	2021	3Q	-1Q	b
California	831														k
California	909	2020	3Q	2020	1Q	2019	1Q	2019	1Q	2019	3Q	2019	4Q	2Q	a
California	925							2037	2Q	2037	4Q				k
California	949	2031	1Q	2029	3Q	2027	3Q	2025	3Q	2026	3Q	2028	3Q	6Q	a
California	951	2035	2Q	2031	1Q	2028	3Q	2026	3Q	2028	1Q	2028	2Q	17Q	a
California	213/323	2028	1Q	2027	2Q			2038	1Q	2042	3Q			3Q	a
California	279/916			2019	2Q									180Q	a,f,k
California	310/424	2041	4Q	2036	3Q	2034	3Q	2028	3Q	2029	1Q	2028	2Q	21Q	a
California	408/669														k
California	415/628	2046	4Q	2042	4Q	2038	2Q	2038	1Q	2040	3Q	2043	1Q	16Q	a

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2017.2 to 2018.1	
California	442/760	2051	4Q	2043	4Q	2042	3Q	2037	4Q	2038	1Q	2040	1Q	32Q	a
California	619/858	2036	1Q	2018	4Q	2018	4Q	2018	4Q	2019	1Q	2019	1Q	74Q	a,f,k
California	657/714	2039	1Q	2034	1Q	2032	2Q	2028	2Q	2034	3Q	2040	3Q	20Q	a
California	747/818					2044	2Q	2040	3Q	2039	2Q	2044	1Q		k
California	805/820			2018	2Q	2018	2Q	2017	4Q	2018	2Q	2018	4Q	299Q	f,k
Canada	506	2021	4Q			2021	4Q	2020	2Q	2021	1Q	2025	2Q	N/C	
Canada	709	2023	2Q	2023	2Q	2019	3Q	2019	1Q	2019	2Q	2024	2Q	N/C	
Canada	807														d
Canada	867	2039	2Q			2036	3Q							11Q	c
Canada	204/431	2026	1Q			2023	3Q			2027	4Q	2032	1Q	10Q	c
Canada	226/519/548	2029	1Q			2026	4Q			2027	2Q	2029	1Q	9Q	c
Canada	236/250/604/778	2020	3Q			2020	2Q	2021	1Q	2030	4Q	2033	2Q	1Q	c
Canada	249/705	2026	2Q			2024	3Q			2025	2Q	2030	3Q	7Q	c
Canada	289/365/905	2022	4Q			2023	3Q			2034	2Q	2026	1Q	-3Q	c
Canada	306/639	2022	2Q			2022	3Q			2027	2Q			-1Q	c
Canada	343/613	2024	1Q			2025	2Q			2025	4Q	2033	3Q	-5Q	c
Canada	403/587/780/825	2022	3Q			2022	1Q			2031	2Q	2026	4Q	2Q	c
Canada	416/437/647	2027	1Q			2030	2Q			2027	4Q	2027	1Q	-13Q	c
Canada	418/581	2020	1Q	2020	1Q	2020	3Q	2019	1Q	2029	2Q	2023	4Q	6Q	c
Canada	438/514	2026	1Q			2028	3Q			2027	4Q	2026	3Q	-10Q	c
Canada	450/579	2021	2Q			2022	2Q			2023	3Q	2032	4Q	-4Q	c
Canada	782/902	2033	1Q			2029	4Q			2033	2Q	2036	4Q	15Q	c
Canada	819/873	2026	4Q			2023	3Q			2025	2Q			11Q	c
CNMI	670														k
Colorado	719	2046	1Q	2046	1Q	2043	4Q	2029	4Q	2030	1Q	2030	3Q	N/C	
Colorado	970	2030	1Q	2027	1Q	2026	1Q	2021	3Q	2021	4Q	2023	4Q	12Q	a
Colorado	303/720	2023	1Q	2023	1Q	2022	2Q	2021	1Q	2021	1Q	2019	4Q	N/C	
Connecticut	203/475					2045	1Q	2043	2Q						k
Connecticut	860/959														k
Delaware	302							2038	2Q	2038	1Q	2036	3Q		k
District of Columbia	202	2022	4Q	2022	4Q	2021	1Q	2020	2Q	2020	4Q	2021	1Q	N/C	
Florida	239														k
Florida	352	2043	3Q	2043	4Q	2040	3Q	2037	1Q	2036	3Q	2028	3Q	-1Q	b

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Florida	386														k
Florida	561	2032	3Q	2029	1Q	2027	4Q	2026	4Q	2028	1Q	2028	3Q	14Q	a
Florida	727	2041	4Q	2037	3Q	2036	3Q	2032	2Q	2032	2Q	2030	4Q	17Q	a
Florida	772														k
Florida	813	2021	4Q	2021	4Q	2022	1Q	2021	1Q	2021	3Q	2022	3Q	N/C	
Florida	850	2027	2Q	2030	1Q	2029	2Q	2024	2Q	2030	4Q	2024	2Q	-11Q	b
Florida	863														k
Florida	904	2030	1Q	2027	2Q	2027	1Q	2027	2Q	2029	4Q	2028	1Q	11Q	a
Florida	941														k
Florida	305/786	2024	1Q	2022	3Q	2021	2Q	2021	1Q	2021	3Q	2021	2Q	6Q	a
Florida	321/407	2020	3Q	2020	2Q	2018	3Q	2018	2Q	2018	4Q	2016	4Q	1Q	i
Florida	321A														g, k
Florida	754/954														k
Georgia	229														k
Georgia	478														k
Georgia	912	2046	2Q	2041	2Q	2045	2Q	2040	3Q	2038	3Q	2036	3Q	20Q	a
Georgia	404/470/678/770	2023	2Q	2023	1Q	2024	1Q	2022	2Q	2028	3Q	2022	3Q	1Q	a
Georgia	706/762														k
Guam	671														k
Hawaii	808	2036	2Q	2032	4Q	2030	1Q	2028	2Q	2028	4Q	2029	3Q	14Q	a
Idaho	208/986							2018	4Q	2019	1Q	2018	2Q		k
Illinois	217	2021	1Q	2021	3Q	2021	1Q	2019	4Q	2020	4Q	2020	2Q	-2Q	b
Illinois	309	2031	2Q	2033	4Q	2033	1Q	2029	1Q	2029	3Q	2029	1Q	-10Q	b
Illinois	618	2025	3Q	2025	1Q	2024	3Q	2022	1Q	2021	3Q	2021	3Q	2Q	a
Illinois	708	2020	3Q	2019	4Q	2019	1Q	2017	3Q	2017	2Q	2017	2Q	3Q	a
Illinois	224/847	2037	4Q	2034	1Q	2031	4Q	2029	1Q	2028	1Q	2028	3Q	15Q	a
Illinois	312/773/872	2043	2Q	2041	1Q	2037	1Q	2033	4Q	2032	2Q	2030	2Q	9Q	a
Illinois	331/630														k
Illinois	779/815														k
Indiana	219														k
Indiana	260														k
Indiana	574														k
Indiana	765			2042	4Q	2041	1Q	2032	2Q	2032	3Q	2030	3Q	31Q	k

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Indiana	317/463									2016	4Q	2016	4Q		k
Indiana	812/930														k
Iowa	319														k
Iowa	515					2044	3Q	2035	2Q	2034	4Q	2034	2Q		k
Iowa	563	2035	3Q	2037	3Q	2037	1Q							-8Q	b
Iowa	641														k
Iowa	712														k
Kansas	316	2037	2Q	2031	2Q	2028	1Q	2022	2Q	2024	3Q	2024	3Q	24Q	a
Kansas	620	2039	3Q	2035	1Q			2026	3Q	2026	2Q	2026	2Q	18Q	a
Kansas	785							2028	2Q			2024	1Q		k
Kansas	913	2045	2Q	2045	3Q	2042	2Q	2030	4Q	2033	4Q	2026	2Q	-1Q	b
Kentucky	502	2034	2Q	2030	4Q	2032	3Q	2030	3Q	2032	1Q	2030	3Q	14Q	a
Kentucky	606	2044	3Q	2046	2Q	2041	1Q	2043	2Q			2030	3Q	-7Q	b
Kentucky	859							2039	1Q	2039	1Q	2038	1Q	136Q	k
Kentucky	270/364														k
Louisiana	225														k
Louisiana	318	2029	1Q	2028	2Q	2027	1Q	2026	3Q	2031	3Q	2027	1Q	3Q	a
Louisiana	337														k
Louisiana	504	2045	4Q									2038	3Q	-23Q	b
Louisiana	985														k
Maine	207	2027	4Q	2031	4Q	2030	4Q	2023	4Q	2024	2Q	2021	3Q	-16Q	b
Maryland	240/301	2024	3Q	2024	1Q	2023	2Q	2022	3Q	2023	1Q	2022	3Q	2Q	a
Maryland	410/443/667														k
Massachusetts	413							2046	3Q						k
Massachusetts	339/781														k
Massachusetts	351/978														k
Massachusetts	508/774	2043	2Q	2039	3Q	2036	4Q	2032	3Q	2035	2Q	2032	1Q	15Q	a
Massachusetts	617/857	2038	1Q	2042	2Q	2040	1Q	2040	2Q	2045	4Q	2041	3Q	-17Q	b
Michigan	231					2045	1Q	2037	1Q	2037	1Q	2036	4Q		k
Michigan	269							2037	4Q	2037	2Q	2029	2Q		k
Michigan	313	2030	1Q	2026	4Q	2024	4Q	2021	2Q	2021	1Q	2019	2Q	13Q	a
Michigan	517							2029	3Q	2029	2Q	2028	4Q		k
Michigan	586	2032	2Q	2028	2Q	2026	1Q	2023	2Q	2024	3Q	2028	2Q	16Q	a

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2017.2 to 2018.1	
Michigan	616							2033	1Q	2032	4Q	2028	2Q		k
Michigan	734	2042	2Q	2034	2Q	2033	4Q	2023	4Q	2023	4Q	2023	4Q	32Q	a
Michigan	810									2044	3Q				k
Michigan	906									2041	3Q	2042	1Q		k
Michigan	989	2039	3Q	2042	4Q	2037	4Q	2023	4Q	2025	2Q	2027	3Q	-13Q	b
Michigan	248/947														k
Minnesota	218							2028	2Q	2028	2Q	2027	2Q		k
Minnesota	320											2044	2Q		k
Minnesota	507	2032	2Q	2032	1Q	2036	1Q	2026	4Q	2027	2Q	2026	4Q	1Q	a
Minnesota	612	2036	1Q	2037	3Q	2036	2Q	2029	1Q	2029	3Q	2029	2Q	-6Q	b
Minnesota	651							2036	2Q	2036	1Q	2035	3Q		k
Minnesota	763														k
Minnesota	952									2041	3Q	2039	3Q		k
Mississippi	228			2045	4Q									31Q	k
Mississippi	662	2034	4Q					2040	3Q			2030	3Q	-68Q	b
Mississippi	601/769														k
Missouri	314	2024	2Q	2023	2Q	2021	4Q	2020	2Q	2020	4Q	2019	4Q	4Q	a
Missouri	417	2035	1Q	2034	2Q	2036	4Q	2027	3Q	2027	1Q	2027	3Q	3Q	a
Missouri	573	2024	4Q	2025	1Q	2025	1Q	2022	3Q	2022	3Q	2023	1Q	-1Q	b
Missouri	636														k
Missouri	660			2037	4Q	2036	4Q	2034	3Q	2034	1Q	2028	2Q	52Q	k
Missouri	816	2025	3Q	2026	1Q	2025	2Q	2022	1Q	2022	3Q	2022	1Q	-2Q	b
Montana	406	2029	3Q	2031	3Q	2034	4Q	2022	4Q	2023	2Q	2022	3Q	-8Q	b
Nebraska	308			2046	1Q	2038	1Q	2023	2Q	2026	3Q	2026	2Q	54Q	k
Nebraska	402/531														k
Nevada	775														k
Nevada	702/725			2045	4Q	2044	4Q	2043	1Q	2044	2Q	2044	4Q	36Q	k
New Hampshire	603	2031	3Q	2033	3Q	2034	1Q	2029	1Q	2032	2Q	2024	1Q	-8Q	b
New Jersey	856			2045	4Q	2043	4Q	2035	1Q	2038	2Q	2038	2Q	12Q	k
New Jersey	908	2046	3Q					2031	2Q	2031	3Q	2031	1Q	-9Q	b
New Jersey	201/551														k
New Jersey	609/640			2018	3Q	2018	3Q	2018	3Q	2019	2Q	2018	4Q		f,k
New Jersey	732/848														k

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change	Notes Comments	
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year		Quarter
New Jersey	862/973															k
New Mexico	505	2039	2Q	2034	4Q	2032	3Q	2027	2Q	2027	4Q	2026	2Q	18Q		a
New Mexico	575									2043	4Q	2042	2Q			k
New York	516	2023	4Q	2024	3Q	2024	1Q	2022	2Q	2022	4Q	2022	2Q	-3Q		b
New York	585	2045	1Q	2037	4Q	2038	3Q	2034	4Q	2036	2Q	2033	4Q	29Q		a
New York	607															k
New York	716	2025	2Q	2025	1Q	2023	3Q	2022	2Q	2023	3Q	2023	4Q	1Q		a
New York	845	2027	2Q	2025	3Q	2025	1Q	2022	2Q	2024	3Q	2023	4Q	7Q		a
New York	914	2044	4Q	2044	4Q	2040	4Q	2029	2Q	2029	4Q	2026	3Q	N/C		
New York	917															e
New York	212/646/332	2047	4Q					2017	2Q	2017	4Q	2017	4Q	-3Q		b
New York	315/680							2017	2Q	2017	2Q	2017	1Q			k
New York	347/718/929	2028	4Q	2027	2Q	2026	2Q	2023	2Q	2022	4Q	2022	1Q	6Q		a
New York	518/838	2047	4Q					2017	3Q	2019	1Q	2019	2Q	-2Q		b
New York	631/934											2016	3Q			k
North Carolina	252							2038	2Q	2035	4Q	2035	4Q			k
North Carolina	828	2036	2Q	2040	3Q	2042	2Q	2042	2Q			2035	4Q	-17Q		b
North Carolina	910	2024	1Q	2022	2Q	2023	1Q	2021	2Q	2024	1Q	2021	4Q	7Q		b
North Carolina	336/743															k
North Carolina	704/980	2042	1Q	2038	3Q	2039	3Q	2033	2Q	2039	2Q	2040	2Q	14Q		a
North Carolina	919/984															k
North Dakota	701	2030	4Q	2032	3Q	2035	4Q	2023	2Q	2022	4Q	2021	3Q	-7Q		b
Ohio	216			2044	1Q	2040	4Q	2032	4Q	2033	2Q	2032	1Q	13Q		k
Ohio	440	2023	4Q	2023	2Q	2023	3Q	2020	2Q	2020	2Q	2019	3Q	2Q		a
Ohio	513	2024	1Q	2024	3Q	2023	2Q	2019	1Q	2019	4Q	2019	2Q	-2Q		b
Ohio	937	2020	3Q	2020	3Q	2020	3Q	2019	4Q	2020	3Q	2020	4Q	N/C		
Ohio	220/740															k
Ohio	234/330							2035	1Q	2037	1Q	2034	4Q			k
Ohio	380/614															k
Ohio	419/567							2037	2Q							k
Oklahoma	405	2021	2Q	2021	2Q	2021	1Q	2020	2Q	2020	4Q	2019	4Q	N/C		
Oklahoma	580	2027	3Q	2029	3Q	2030	1Q	2024	3Q	2026	1Q	2026	2Q	-8Q		b
Oklahoma	539/918	2042	4Q									2041	2Q	-25Q		b

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Oregon	458/541							2041	4Q	2038	3Q	2038	2Q		k
Oregon	503/971							2037	2Q	2037	4Q	2038	4Q		k
Pennsylvania	814	2021	2Q	2021	3Q	2021	2Q	2021	3Q	2022	3Q	2020	4Q	-1Q	b
Pennsylvania	215/267/445	2045	2Q	2019	2Q	2018	2Q	2018	2Q	2019	2Q	2019	4Q	108Q	a
Pennsylvania	223/717							2017	3Q	2018	2Q	2018	3Q		f
Pennsylvania	272/570									2041	3Q	2045	3Q		k
Pennsylvania	412/724/878														k
Pennsylvania	484/610	2021	4Q	2021	2Q	2021	2Q	2020	1Q	2020	1Q	2021	1Q	2Q	a
Puerto Rico	787/939							2042	4Q						k
Rhode Island	401														k
South Carolina	803	2020	4Q	2020	4Q	2021	2Q	2021	2Q	2021	4Q	2020	1Q	N/C	
South Carolina	864	2027	2Q	2029	1Q	2031	1Q	2027	3Q	2030	4Q	2029	4Q	-7Q	b
South Carolina	843/854														k
South Dakota	605	2030	2Q	2031	1Q	2036	3Q	2027	4Q	2027	4Q	2029	2Q	-3Q	b
Tennessee	423	2030	1Q	2027	1Q	2029	4Q	2026	4Q	2027	1Q	2024	2Q	12Q	a
Tennessee	731	2037	2Q	2034	3Q	2036	3Q							11Q	a
Tennessee	865														k
Tennessee	901	2038	1Q	2032	2Q	2037	3Q	2035	3Q	2036	1Q	2034	3Q	23Q	a
Tennessee	931	2045	2Q	2040	4Q									18Q	a
Tennessee	615/629														k
Texas	254	2043	2Q	2040	4Q	2041	2Q	2040	1Q	2042	4Q			10Q	a
Texas	325														k
Texas	361														k
Texas	409														k
Texas	432														k
Texas	806	2021	4Q	2028	1Q	2031	4Q	2030	3Q	2031	1Q	2027	3Q	-26Q	b
Texas	830														k
Texas	915														k
Texas	936														k
Texas	940														k
Texas	956	2031	1Q	2026	4Q	2027	1Q	2025	1Q	2026	3Q	2031	1Q	17Q	a
Texas	979											2041	3Q		k
Texas	210/726							2017	4Q	2018	1Q	2018	3Q		k

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Location

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2017.2 to 2018.1	
Texas	214/469/972	2021	3Q	2021	3Q	2020	3Q	2020	1Q	2020	1Q	2019	3Q	N/C	
Texas	281/346/713/832	2027	2Q	2026	3Q	2025	2Q	2022	3Q	2023	1Q	2023	2Q	3Q	a
Texas	430/903							2042	1Q	2043	4Q				k
Texas	512/737							2040	4Q	2041	1Q				k
Texas	682/817			2045	3Q	2042	4Q	2039	1Q	2043	4Q	2040	3Q	11Q	k
Utah	435														k
Utah	385/801	2040	3Q	2039	4Q	2039	3Q	2037	2Q	2037	4Q	2040	1Q	3Q	a
Vermont	802														k
Virgin Islands	340														k
Virginia	276														k
Virginia	434														k
Virginia	540	2024	2Q	2026	4Q	2031	2Q	2024	1Q	2024	3Q	2022	2Q	-10Q	b
Virginia	757	2023	1Q	2023	2Q	2023	3Q	2023	1Q	2025	3Q	2024	1Q	-1Q	b
Virginia	804	2027	2Q	2027	1Q	2026	1Q	2029	3Q	2031	3Q	2028	3Q	2Q	a
Virginia	571/703	2039	1Q	2046	1Q	2042	4Q	2036	3Q	2037	1Q	2030	3Q	-28Q	b
Washington	206	2025	4Q	2025	2Q	2024	4Q	2024	1Q	2027	3Q	2029	1Q	2Q	a
Washington	253														k
Washington	425	2047	1Q	2045	1Q	2041	3Q	2032	2Q	2040	1Q			8Q	a
Washington	509	2028	4Q	2031	1Q	2029	2Q	2024	4Q	2025	2Q	2024	2Q	-9Q	b
Washington	360/564							2017	4Q	2018	1Q	2019	1Q		k
West Virginia	304/681							2034	3Q	2032	2Q	2033	2Q		k
Wisconsin	262			2045	1Q							2030	2Q		k
Wisconsin	414							2039	3Q	2042	1Q	2034	2Q		k
Wisconsin	608	2026	2Q	2031	3Q	2031	3Q	2029	4Q	2032	1Q	2025	4Q	-21Q	b
Wisconsin	920	2030	1Q	2032	2Q	2032	1Q	2025	2Q	2025	3Q	2021	1Q	-9Q	b
Wisconsin	534/715														k
Wyoming	307														k

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2017.2 to 2018.1	
California	510	2019	2Q	2019	2Q	2018	2Q	2018	2Q	2019	2Q	2019	4Q	N/C	
California	909	2020	3Q	2020	1Q	2019	1Q	2019	1Q	2019	3Q	2019	4Q	2Q	a
Canada	236/250/604/778	2020	3Q			2020	2Q	2021	1Q	2030	4Q	2033	2Q	1Q	c
Florida	321/407	2020	3Q	2020	2Q	2018	3Q	2018	2Q	2018	4Q	2016	4Q	1Q	i
Illinois	708	2020	3Q	2019	4Q	2019	1Q	2017	3Q	2017	2Q	2017	2Q	3Q	a
Ohio	937	2020	3Q	2020	3Q	2020	3Q	2019	4Q	2020	3Q	2020	4Q	N/C	
Alabama	205	2020	4Q	2021	4Q	2022	2Q	2023	1Q	2025	4Q	2023	3Q	-4Q	b
South Carolina	803	2020	4Q	2020	4Q	2021	2Q	2021	2Q	2021	4Q	2020	1Q	N/C	
Illinois	217	2021	1Q	2021	3Q	2021	1Q	2019	4Q	2020	4Q	2020	2Q	-2Q	b
Canada	450/579	2021	2Q			2022	2Q			2023	3Q	2032	4Q	-4Q	c
Oklahoma	405	2021	2Q	2021	2Q	2021	1Q	2020	2Q	2020	4Q	2019	4Q	N/C	
Pennsylvania	814	2021	2Q	2021	3Q	2021	2Q	2021	3Q	2022	3Q	2020	4Q	-1Q	b
Texas	214/469/972	2021	3Q	2021	3Q	2020	3Q	2020	1Q	2020	1Q	2019	3Q	N/C	
Canada	506	2021	4Q			2021	4Q	2020	2Q	2021	1Q	2025	2Q	N/C	
Florida	813	2021	4Q	2021	4Q	2022	1Q	2021	1Q	2021	3Q	2022	3Q	N/C	
Pennsylvania	484/610	2021	4Q	2021	2Q	2021	2Q	2020	1Q	2020	1Q	2021	1Q	2Q	a
Texas	806	2021	4Q	2028	1Q	2031	4Q	2030	3Q	2031	1Q	2027	3Q	-26Q	b
Canada	306/639	2022	2Q			2022	3Q			2027	2Q			-1Q	c
Canada	403/587/780/825	2022	3Q			2022	1Q			2031	2Q	2026	4Q	2Q	c
Canada	289/365/905	2022	4Q			2023	3Q			2034	2Q	2026	1Q	-3Q	c
District of Columbia	202	2022	4Q	2022	4Q	2021	1Q	2020	2Q	2020	4Q	2021	1Q	N/C	
Colorado	303/720	2023	1Q	2023	1Q	2022	2Q	2021	1Q	2021	1Q	2019	4Q	N/C	
Virginia	757	2023	1Q	2023	2Q	2023	3Q	2023	1Q	2025	3Q	2024	1Q	-1Q	b
Canada	709	2023	2Q	2023	2Q	2019	3Q	2019	1Q	2019	2Q	2024	2Q	N/C	
Georgia	404/470/678/770	2023	2Q	2023	1Q	2024	1Q	2022	2Q	2028	3Q	2022	3Q	1Q	a
Arkansas	870	2023	3Q	2023	1Q	2023	1Q	2022	2Q	2020	4Q	2023	2Q	2Q	a
New York	516	2023	4Q	2024	3Q	2024	1Q	2022	2Q	2022	4Q	2022	2Q	-3Q	b
Ohio	440	2023	4Q	2023	2Q	2023	3Q	2020	2Q	2020	2Q	2019	3Q	2Q	a
Canada	343/613	2024	1Q			2025	2Q			2025	4Q	2033	3Q	-5Q	c
Florida	305/786	2024	1Q	2022	3Q	2021	2Q	2021	1Q	2021	3Q	2021	2Q	6Q	a
North Carolina	910	2024	1Q	2022	2Q	2023	1Q	2021	2Q	2024	1Q	2021	4Q	7Q	b
Ohio	513	2024	1Q	2024	3Q	2023	2Q	2019	1Q	2019	4Q	2019	2Q	-2Q	b
California	209	2024	2Q	2022	3Q	2022	1Q	2020	2Q	2020	4Q	2021	4Q	7Q	a

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2017.2 to 2018.1	
Missouri	314	2024	2Q	2023	2Q	2021	4Q	2020	2Q	2020	4Q	2019	4Q	4Q	a
Virginia	540	2024	2Q	2026	4Q	2031	2Q	2024	1Q	2024	3Q	2022	2Q	-10Q	b
Maryland	240/301	2024	3Q	2024	1Q	2023	2Q	2022	3Q	2023	1Q	2022	3Q	2Q	a
Arizona	480	2024	4Q	2024	4Q	2023	3Q	2020	4Q	2021	4Q	2021	1Q	N/C	
Missouri	573	2024	4Q	2025	1Q	2025	1Q	2022	3Q	2022	3Q	2023	1Q	-1Q	b
New York	716	2025	2Q	2025	1Q	2023	3Q	2022	2Q	2023	3Q	2023	4Q	1Q	a
California	707	2025	3Q	2025	4Q	2024	1Q	2020	2Q	2021	1Q	2021	3Q	-1Q	b
Illinois	618	2025	3Q	2025	1Q	2024	3Q	2022	1Q	2021	3Q	2021	3Q	2Q	a
Missouri	816	2025	3Q	2026	1Q	2025	2Q	2022	1Q	2022	3Q	2022	1Q	-2Q	b
Washington	206	2025	4Q	2025	2Q	2024	4Q	2024	1Q	2027	3Q	2029	1Q	2Q	a
Canada	204/431	2026	1Q			2023	3Q			2027	4Q	2032	1Q	10Q	c
Canada	438/514	2026	1Q			2028	3Q			2027	4Q	2026	3Q	-10Q	c
Canada	249/705	2026	2Q			2024	3Q			2025	2Q	2030	3Q	7Q	c
Wisconsin	608	2026	2Q	2031	3Q	2031	3Q	2029	4Q	2032	1Q	2025	4Q	-21Q	b
Canada	819/873	2026	4Q			2023	3Q			2025	2Q			11Q	c
California	530	2027	1Q	2026	2Q	2026	1Q	2023	1Q	2023	3Q	2022	3Q	3Q	a
Canada	416/437/647	2027	1Q			2030	2Q			2027	4Q	2027	1Q	-13Q	c
Florida	850	2027	2Q	2030	1Q	2029	2Q	2024	2Q	2030	4Q	2024	2Q	-11Q	b
New York	845	2027	2Q	2025	3Q	2025	1Q	2022	2Q	2024	3Q	2023	4Q	7Q	a
South Carolina	864	2027	2Q	2029	1Q	2031	1Q	2027	3Q	2030	4Q	2029	4Q	-7Q	b
Texas	281/346/713/832	2027	2Q	2026	3Q	2025	2Q	2022	3Q	2023	1Q	2023	2Q	3Q	a
Virginia	804	2027	2Q	2027	1Q	2026	1Q	2029	3Q	2031	3Q	2028	3Q	2Q	a
Oklahoma	580	2027	3Q	2029	3Q	2030	1Q	2024	3Q	2026	1Q	2026	2Q	-8Q	b
Maine	207	2027	4Q	2031	4Q	2030	4Q	2023	4Q	2024	2Q	2021	3Q	-16Q	b
California	213/323	2028	1Q	2027	2Q			2038	1Q	2042	3Q			3Q	a
New York	347/718/929	2028	4Q	2027	2Q	2026	2Q	2023	2Q	2022	4Q	2022	1Q	6Q	a
Washington	509	2028	4Q	2031	1Q	2029	2Q	2024	4Q	2025	2Q	2024	2Q	-9Q	b
Canada	226/519/548	2029	1Q			2026	4Q			2027	2Q	2029	1Q	9Q	c
Louisiana	318	2029	1Q	2028	2Q	2027	1Q	2026	3Q	2031	3Q	2027	1Q	3Q	a
California	559	2029	2Q	2026	1Q	2024	4Q	2021	2Q	2021	4Q	2023	4Q	13Q	a
Montana	406	2029	3Q	2031	3Q	2034	4Q	2022	4Q	2023	2Q	2022	3Q	-8Q	b
California	650	2029	4Q	2029	3Q	2027	3Q	2024	2Q	2027	2Q	2030	4Q	1Q	a
Colorado	970	2030	1Q	2027	1Q	2026	1Q	2021	3Q	2021	4Q	2023	4Q	12Q	a

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Florida	904	2030	1Q	2027	2Q	2027	1Q	2027	2Q	2029	4Q	2028	1Q	11Q	a
Michigan	313	2030	1Q	2026	4Q	2024	4Q	2021	2Q	2021	1Q	2019	2Q	13Q	a
Tennessee	423	2030	1Q	2027	1Q	2029	4Q	2026	4Q	2027	1Q	2024	2Q	12Q	a
Wisconsin	920	2030	1Q	2032	2Q	2032	1Q	2025	2Q	2025	3Q	2021	1Q	-9Q	b
California	626	2030	2Q	2029	1Q	2028	1Q	2024	3Q	2026	1Q	2029	3Q	5Q	a
South Dakota	605	2030	2Q	2031	1Q	2036	3Q	2027	4Q	2027	4Q	2029	2Q	-3Q	b
North Dakota	701	2030	4Q	2032	3Q	2035	4Q	2023	2Q	2022	4Q	2021	3Q	-7Q	b
California	949	2031	1Q	2029	3Q	2027	3Q	2025	3Q	2026	3Q	2028	3Q	6Q	a
Texas	956	2031	1Q	2026	4Q	2027	1Q	2025	1Q	2026	3Q	2031	1Q	17Q	a
Illinois	309	2031	2Q	2033	4Q	2033	1Q	2029	1Q	2029	3Q	2029	1Q	-10Q	b
New Hampshire	603	2031	3Q	2033	3Q	2034	1Q	2029	1Q	2032	2Q	2024	1Q	-8Q	b
Michigan	586	2032	2Q	2028	2Q	2026	1Q	2023	2Q	2024	3Q	2028	2Q	16Q	a
Minnesota	507	2032	2Q	2032	1Q	2036	1Q	2026	4Q	2027	2Q	2026	4Q	1Q	a
Florida	561	2032	3Q	2029	1Q	2027	4Q	2026	4Q	2028	1Q	2028	3Q	14Q	a
Arizona	602	2033	1Q	2031	3Q	2030	1Q	2022	1Q	2022	4Q	2021	2Q	6Q	a
Canada	782/902	2033	1Q			2029	4Q			2033	2Q	2036	4Q	15Q	c
Kentucky	502	2034	2Q	2030	4Q	2032	3Q	2030	3Q	2032	1Q	2030	3Q	14Q	a
Alabama	334	2034	4Q	2040	2Q			2037	2Q	2036	4Q	2029	2Q	-22Q	b
Mississippi	662	2034	4Q					2040	3Q			2030	3Q	-68Q	b
Missouri	417	2035	1Q	2034	2Q	2036	4Q	2027	3Q	2027	1Q	2027	3Q	3Q	a
California	951	2035	2Q	2031	1Q	2028	3Q	2026	3Q	2028	1Q	2028	2Q	17Q	a
Iowa	563	2035	3Q	2037	3Q	2037	1Q							-8Q	b
California	619/858	2036	1Q	2018	4Q	2018	4Q	2018	4Q	2019	1Q	2019	1Q	74Q	a,f,k
Minnesota	612	2036	1Q	2037	3Q	2036	2Q	2029	1Q	2029	3Q	2029	2Q	-6Q	b
Hawaii	808	2036	2Q	2032	4Q	2030	1Q	2028	2Q	2028	4Q	2029	3Q	14Q	a
North Carolina	828	2036	2Q	2040	3Q	2042	2Q	2042	2Q			2035	4Q	-17Q	b
Kansas	316	2037	2Q	2031	2Q	2028	1Q	2022	2Q	2024	3Q	2024	3Q	24Q	a
Tennessee	731	2037	2Q	2034	3Q	2036	3Q							11Q	a
Illinois	224/847	2037	4Q	2034	1Q	2031	4Q	2029	1Q	2028	1Q	2028	3Q	15Q	a
Massachusetts	617/857	2038	1Q	2042	2Q	2040	1Q	2040	2Q	2045	4Q	2041	3Q	-17Q	b
Tennessee	901	2038	1Q	2032	2Q	2037	3Q	2035	3Q	2036	1Q	2034	3Q	23Q	a
Canada	418/581/367	2038	3Q	2020	1Q	2020	3Q	2019	1Q	2029	2Q	2023	4Q	74Q	c
California	657/714	2039	1Q	2034	1Q	2032	2Q	2028	2Q	2034	3Q	2040	3Q	20Q	a

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2017.2 to 2018.1	
Virginia	571/703	2039	1Q	2046	1Q	2042	4Q	2036	3Q	2037	1Q	2030	3Q	-28Q	b
Canada	867	2039	2Q			2036	3Q							11Q	c
New Mexico	505	2039	2Q	2034	4Q	2032	3Q	2027	2Q	2027	4Q	2026	2Q	18Q	a
Kansas	620	2039	3Q	2035	1Q			2026	3Q	2026	2Q	2026	2Q	18Q	a
Michigan	989	2039	3Q	2042	4Q	2037	4Q	2023	4Q	2025	2Q	2027	3Q	-13Q	b
California	661	2040	2Q	2035	4Q	2034	1Q	2027	4Q	2029	2Q	2025	4Q	18Q	a
Utah	385/801	2040	3Q	2039	4Q	2039	3Q	2037	2Q	2037	4Q	2040	1Q	3Q	a
Arizona	520	2040	4Q	2038	2Q	2035	3Q	2029	4Q	2030	4Q	2027	1Q	10Q	a
California	310/424	2041	4Q	2036	3Q	2034	3Q	2028	3Q	2029	1Q	2028	2Q	21Q	a
Florida	727	2041	4Q	2037	3Q	2036	3Q	2032	2Q	2032	2Q	2030	4Q	17Q	a
North Carolina	704/980	2042	1Q	2038	3Q	2039	3Q	2033	2Q	2039	2Q	2040	2Q	14Q	a
Michigan	734	2042	2Q	2034	2Q	2033	4Q	2023	4Q	2023	4Q	2023	4Q	32Q	a
Oklahoma	539/918	2042	4Q									2041	2Q	-25Q	b
Illinois	312/773/872	2043	2Q	2041	1Q	2037	1Q	2033	4Q	2032	2Q	2030	2Q	9Q	a
Massachusetts	508/774	2043	2Q	2039	3Q	2036	4Q	2032	3Q	2035	2Q	2032	1Q	15Q	a
Texas	254	2043	2Q	2040	4Q	2041	2Q	2040	1Q	2042	4Q			10Q	a
Florida	352	2043	3Q	2043	4Q	2040	3Q	2037	1Q	2036	3Q	2028	3Q	-1Q	b
Kentucky	606	2044	3Q	2046	2Q	2041	1Q	2043	2Q			2030	3Q	-7Q	b
New York	914	2044	4Q	2044	4Q	2040	4Q	2029	2Q	2029	4Q	2026	3Q	N/C	
New York	585	2045	1Q	2037	4Q	2038	3Q	2034	4Q	2036	2Q	2033	4Q	29Q	a
Kansas	913	2045	2Q	2045	3Q	2042	2Q	2030	4Q	2033	4Q	2026	2Q	-1Q	b
Pennsylvania	215/267/445	2045	2Q	2019	2Q	2018	2Q	2018	2Q	2019	2Q	2019	4Q	108Q	a
Tennessee	931	2045	2Q	2040	4Q									18Q	a
Alaska	907	2045	4Q					2031	1Q	2029	4Q	2028	2Q	-30Q	b
California	562	2045	4Q	2039	4Q	2038	2Q	2030	2Q	2033	3Q	2033	4Q	24Q	a
Louisiana	504	2045	4Q									2038	3Q	-23Q	b
Colorado	719	2046	1Q	2046	1Q	2043	4Q	2029	4Q	2030	1Q	2030	3Q	N/C	
Georgia	912	2046	2Q	2041	2Q	2045	2Q	2040	3Q	2038	3Q	2036	3Q	20Q	a
New Jersey	908	2046	3Q					2031	2Q	2031	3Q	2031	1Q	-9Q	b
California	415/628	2046	4Q	2042	4Q	2038	2Q	2038	1Q	2040	3Q	2043	1Q	16Q	a
Washington	425	2047	1Q	2045	1Q	2041	3Q	2032	2Q	2040	1Q			8Q	a
New York	212/646/332	2047	4Q					2017	2Q	2017	4Q	2017	4Q	-3Q	b
New York	518/838	2047	4Q					2017	3Q	2019	1Q	2019	2Q	-2Q	b

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	2017.2 to 2018.1	
California	442/760	2051	4Q	2043	4Q	2042	3Q	2037	4Q	2038	1Q	2040	1Q	32Q	a
Alabama	251														k
Alabama	256/938														k
American Samoa	684														k
Arizona	623														k
Arizona	928														k
Arkansas	479														k
Arkansas	501														k
California	831														k
California	925							2037	2Q	2037	4Q				k
California	408/669														k
CNMI	670														k
Connecticut	860/959														k
Delaware	302							2038	2Q	2038	1Q	2036	3Q		k
Florida	239														k
Florida	386														k
Florida	772														k
Florida	863														k
Florida	941														k
Florida	754/954														k
Georgia	229														k
Georgia	478														k
Georgia	706/762														k
Guam	671														k
Illinois	331/630														k
Illinois	779/815														k
Indiana	219														k
Indiana	260														k
Indiana	574														k
Indiana	317/463									2016	4Q	2016	4Q		k
Indiana	812/930														k
Iowa	319														k
Iowa	641														k

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Iowa	712														k
Kansas	785							2028	2Q			2024	1Q		k
Kentucky	859							2039	1Q	2039	1Q	2038	1Q	136Q	k
Kentucky	270/364														k
Louisiana	225														k
Louisiana	337														k
Louisiana	985														k
Maryland	410/443/667														k
Massachusetts	413							2046	3Q						k
Massachusetts	339/781														k
Massachusetts	351/978														k
Michigan	269							2037	4Q	2037	2Q	2029	2Q		k
Michigan	517							2029	3Q	2029	2Q	2028	4Q		k
Michigan	616							2033	1Q	2032	4Q	2028	2Q		k
Michigan	810									2044	3Q				k
Michigan	906									2041	3Q	2042	1Q		k
Michigan	248/947														k
Minnesota	218							2028	2Q	2028	2Q	2027	2Q		k
Minnesota	320											2044	2Q		k
Minnesota	651							2036	2Q	2036	1Q	2035	3Q		k
Minnesota	763														k
Minnesota	952									2041	3Q	2039	3Q		k
Mississippi	601/769														k
Missouri	636														k
Nebraska	402/531														k
Nevada	775														k
New Jersey	201/551														k
New Jersey	732/848														k
New Jersey	862/973														k
New Mexico	575									2043	4Q	2042	2Q		k
New York	607														k
New York	315/680							2017	2Q	2017	2Q	2017	1Q		k
New York	631/934											2016	3Q		k

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
North Carolina	252							2038	2Q	2035	4Q	2035	4Q		k
North Carolina	336/743														k
North Carolina	919/984														k
Ohio	220/740														k
Ohio	234/330							2035	1Q	2037	1Q	2034	4Q		k
Ohio	380/614														k
Ohio	419/567							2037	2Q						k
Oregon	458/541							2041	4Q	2038	3Q	2038	2Q		k
Oregon	503/971							2037	2Q	2037	4Q	2038	4Q		k
Pennsylvania	272/570									2041	3Q	2045	3Q		k
Pennsylvania	412/724/878														k
Puerto Rico	787/939							2042	4Q						k
Rhode Island	401														k
South Carolina	843/854														k
Tennessee	865														k
Tennessee	615/629														k
Texas	325														k
Texas	361														k
Texas	409														k
Texas	432														k
Texas	830														k
Texas	915														k
Texas	936														k
Texas	940														k
Texas	979											2041	3Q		k
Texas	210/726							2017	4Q	2018	1Q	2018	3Q		k
Texas	430/903							2042	1Q	2043	4Q				k
Texas	512/737							2040	4Q	2041	1Q				k
Utah	435														k
Vermont	802														k
Virgin Islands	340														k
Virginia	276														k
Virginia	434														k

2018-1 NRUF and NPA Exhaust Analysis

April 2018

NPA Exhaust Forecasts Sorted By Exhaust Date

LOCATION	NPA	2018.1 FCST		2017.2 FCST		2017.1 FCST		2016.2 FCST		2016.1 FCST		2015.2 FCST		Change 2017.2 to 2018.1	Notes Comments
		Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter	Year	Quarter		
Washington	253														k
Washington	360/564							2017	4Q	2018	1Q	2019	1Q		k
West Virginia	304/681							2034	3Q	2032	2Q	2033	2Q		k
Wisconsin	414							2039	3Q	2042	1Q	2034	2Q		k
Wisconsin	534/715														k
Wyoming	307														k
California	279/916			2019	2Q									180Q	a,f,k
California	747/818					2044	2Q	2040	3Q	2039	2Q	2044	1Q		k
California	805/820			2018	2Q	2018	2Q	2017	4Q	2018	2Q	2018	4Q	299Q	f,k
Canada	807														d
Connecticut	203/475					2045	1Q	2043	2Q						k
Florida	321A														g, k
Idaho	208/986							2018	4Q	2019	1Q	2018	2Q		k
Indiana	765			2042	4Q	2041	1Q	2032	2Q	2032	3Q	2030	3Q	31Q	k
Iowa	515					2044	3Q	2035	2Q	2034	4Q	2034	2Q		k
Michigan	231					2045	1Q	2037	1Q	2037	1Q	2036	4Q		k
Mississippi	228			2045	4Q									31Q	k
Missouri	660			2037	4Q	2036	4Q	2034	3Q	2034	1Q	2028	2Q	52Q	k
Nebraska	308			2046	1Q	2038	1Q	2023	2Q	2026	3Q	2026	2Q	54Q	k
Nevada	702/725			2045	4Q	2044	4Q	2043	1Q	2044	2Q	2044	4Q	36Q	k
New Jersey	856			2045	4Q	2043	4Q	2035	1Q	2038	2Q	2038	2Q	12Q	k
New Jersey	609/640			2018	3Q	2018	3Q	2018	3Q	2019	2Q	2018	4Q		f,k
New York	917														e
Ohio	216			2044	1Q	2040	4Q	2032	4Q	2033	2Q	2032	1Q	13Q	k
Pennsylvania	223/717							2017	3Q	2018	2Q	2018	3Q		f
Texas	682/817			2045	3Q	2042	4Q	2039	1Q	2043	4Q	2040	3Q	11Q	k
Wisconsin	262			2045	1Q							2030	2Q		k

Notes

- a. Reduced historical and projected demand.
- b. Increased historical and projected demand.
- c. Forecast based upon information provided by the Canadian Numbering Authority (CNA). The CNA normally provides only one projection per year. Change is from last forecast provided.
- d. Canadian NPA. With an exhaust date beyond 2038, there is generally no exhaust date provided.
- e. NPA is at exhaust. No codes available except for returns.
- f. New NPA added.
- g. Area Code 321A includes only Brevard County Florida; 321/407 includes the Counties around Orlando in Central Florida.
- i. Reflects Delta NRUF forecast.
- k. NPA Exhaust is beyond 30 years or the NPA exhaust moves to less than 30 years.