Table B2. Thermal conversion factors and data, 2019-2023

	2019	2020	2021	2022	2023
Conversion factor (Btu per cubic foot)					
Production					
Marketed	1,140	1,145	1,146	1,149	1,156
NGPL production	2,493	2,499	2,489	R2,488	2,500
Total dry production	1,038	1,037	1,037	1,036	1,036
Supply					
Dry production	1,038	1,037	1,037	1,036	1,036
Receipts at U.S. borders					
Imports	1,025	1,025	1,025	1,025	1,025
Intransit receipts	1,025	1,025	1,025	1,025	1,025
Withdrawals from storage			·		
Underground storage	1,038	1,037	1,037	1,036	1,036
LNG storage	1,038	1,037	1,037	1,036	1,036
Supplemental gas supplies	1,038	1,037	1,037	1,036	1,036
Balancing item	1,038	1,037	1,037	1,036	1,036
Dalancing item	1,030	1,037	1,037	1,030	1,030
Total supply	NA	NA	NA	NA	NA
Disposition					
Consumption	1,038	1,037	1,037	1,036	1,036
(Electric power)	1,034	1,033	1,034	1,033	1,033
(Other sectors)	1,040	1,039	1,039	₹1,038	1,036
Deliveries at U.S. borders					
Exports	1,009	1,009	1,009	1,009	1,009
Intransit deliveries	1,009	1,009	1,009	1,009	1,009
Additions to storage			·		
Underground storage	1,038	1,037	1,037	1,036	1,036
LNG storage	1,038	1,037	1,037	1,036	1,036
Total disposition Summary data	NA	NA	NA	NA	NA
Summary data (billion Btu)	NA	NA	NA	NA	NA
Summary data (billion Btu) Production					
Summary data (billion Btu)	41,538,075 6,350,892	41,832,331 6,770,191	42,796,036 6,989,177	R45,208,416 7,648,296	47,629,614
Summary data (billion Btu) Production Marketed	41,538,075	41,832,331	42,796,036	R45,208,416	47,629,614 8,465,428 39,164,186
Summary data (billion Btu) Production Marketed NGPL production Total dry production	41,538,075 6,350,892	41,832,331 6,770,191	42,796,036 6,989,177	R45,208,416 7,648,296	47,629,614 8,465,428
Summary data (billion Btu) Production Marketed NGPL production Total dry production Supply	41,538,075 6,350,892 35,187,183	41,832,331 6,770,191 35,062,141	42,796,036 6,989,177 35,806,859	R45,208,416 7,648,296 R 37,560,120	47,629,614 8,465,428 39,164,186
Summary data (billion Btu) Production Marketed NGPL production Total dry production Supply Dry production	41,538,075 6,350,892	41,832,331 6,770,191	42,796,036 6,989,177	R45,208,416 7,648,296	47,629,614 8,465,428 39,164,186
Summary data (billion Btu) Production Marketed NGPL production Total dry production Supply Dry production Receipts at U.S. borders	41,538,075 6,350,892 35,187,183 35,187,183	41,832,331 6,770,191 35,062,141 35,062,141	42,796,036 6,989,177 35,806,859 35,806,859	R45,208,416 7,648,296 R 37,560,120	47,629,614 8,465,428 39,164,186 39,164,186
Summary data (billion Btu) Production Marketed NGPL production Total dry production Supply Dry production Receipts at U.S. borders Imports	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160	R45,208,416 7,648,296 R 37,560,120 R37,560,120 R3,097,585	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922
Summary data (billion Btu) Production Marketed NGPL production Total dry production Supply Dry production Receipts at U.S. borders Imports Intransit receipts	41,538,075 6,350,892 35,187,183 35,187,183	41,832,331 6,770,191 35,062,141 35,062,141	42,796,036 6,989,177 35,806,859 35,806,859	R45,208,416 7,648,296 R 37,560,120	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922
Summary data (billion Btu) Production Marketed NGPL production Total dry production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851	R45,208,416 7,648,296 R 37,560,120 R37,560,120 R3,097,585 R250,094	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606
Summary data (billion Btu) Production Marketed NGPL production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952
Summary data (billion Btu) Production Marketed NGPL production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage LNG storage	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609 49,584	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146 35,554	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280 43,977	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921 R64,066	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952 42,143
Summary data (billion Btu) Production Marketed NGPL production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921	47,629,614 8,465,428
Foundary data (billion Btu) Production Marketed NGPL production Total dry production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage LNG storage Supplemental gas supplies	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609 49,584 63,075	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146 35,554 65,482	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280 43,977 68,487	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921 R64,066 R75,804	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952 42,143 120,896 -355,800
Foundary data (billion Btu) Production Marketed NGPL production Total dry production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage LNG storage Supplemental gas supplies Balancing item	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609 49,584 63,075 -518,642	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146 35,554 65,482 -705,885	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280 43,977 68,487 8-539,589	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921 R64,066 R75,804 R-699,925	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952 42,143 120,896 -355,800
Production Marketed NGPL production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage LNG storage Supplemental gas supplies Balancing item Total supply Disposition	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609 49,584 63,075 -518,642 41,595,770	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146 35,554 65,482 -705,885 41,004,208	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280 43,977 68,487 R-539,589	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921 R64,066 R75,804 R-699,925	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952 42,143 120,896 -355,800 45,541,904
Summary data (billion Btu) Production Marketed NGPL production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage LNG storage Supplemental gas supplies Balancing item Total supply Disposition Consumption	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609 49,584 63,075 -518,642 41,595,770	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146 35,554 65,482 -705,885 41,004,208 31,734,860	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280 43,977 68,487 R-539,589 R42,540,026	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921 R64,066 R75,804 R-699,925 R44,672,665	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952 42,143 120,896 -355,800 45,541,904 33,793,716
Production Marketed NGPL production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage LNG storage Supplemental gas supplies Balancing item Total supply Disposition Consumption (Electric power)	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609 49,584 63,075 -518,642 41,595,770 32,315,058 11,671,891	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146 35,554 65,482 -705,885 41,004,208 31,734,860 12,015,570	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280 43,977 68,487 R-539,589 R42,540,026	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921 R64,066 R75,804 R-699,925 R44,672,665	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952 42,143 120,896 -355,800 45,541,904 33,793,716 13,356,977
Production Marketed NGPL production Total dry production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage LNG storage Supplemental gas supplies Balancing item Total supply Disposition Consumption (Electric power) (Other sectors)	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609 49,584 63,075 -518,642 41,595,770	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146 35,554 65,482 -705,885 41,004,208 31,734,860	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280 43,977 68,487 R-539,589 R42,540,026	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921 R64,066 R75,804 R-699,925 R44,672,665	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952 42,143 120,896 -355,800 45,541,904 33,793,716
Foundary data (billion Btu) Production Marketed NGPL production Total dry production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage LNG storage Supplemental gas supplies Balancing item Total supply Disposition Consumption (Electric power) (Other sectors) Deliveries at U.S. borders	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609 49,584 63,075 -518,642 41,595,770 32,315,058 11,671,891 20,643,167	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146 35,554 65,482 -705,885 41,004,208 31,734,860 12,015,570 19,719,290	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280 43,977 68,487 R-539,589 R42,540,026 31,779,598 11,610,358 20,169,240	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921 R64,066 R75,804 R-699,925 R44,672,665	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952 42,143 120,896 -355,800 45,541,904 33,793,716 13,356,977 20,436,738
Summary data (billion Btu) Production Marketed NGPL production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage LNG storage Supplemental gas supplies Balancing item Total supply Disposition Consumption (Electric power) (Other sectors) Deliveries at U.S. borders Exports	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609 49,584 63,075 -518,642 41,595,770 32,315,058 11,671,891 20,643,167 4,699,576	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146 35,554 65,482 -705,885 41,004,208 31,734,860 12,015,570 19,719,290 5,332,240	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280 43,977 68,487 R-539,589 R42,540,026 31,779,598 11,610,358 20,169,240 6,712,482	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921 R64,066 R75,804 R-699,925 R44,672,665	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952 42,143 120,896 -355,800 45,541,904 33,793,716 13,356,977 20,436,738 7,678,083
Foundary data (billion Btu) Production Marketed NGPL production Total dry production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage LNG storage Supplemental gas supplies Balancing item Total supply Disposition Consumption (Electric power) (Other sectors) Deliveries at U.S. borders Exports Intransit deliveries	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609 49,584 63,075 -518,642 41,595,770 32,315,058 11,671,891 20,643,167	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146 35,554 65,482 -705,885 41,004,208 31,734,860 12,015,570 19,719,290	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280 43,977 68,487 R-539,589 R42,540,026 31,779,598 11,610,358 20,169,240	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921 R64,066 R75,804 R-699,925 R44,672,665	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952 42,143 120,896 -355,800 45,541,904 33,793,716 13,356,977 20,436,738 7,678,083
Foundary data (billion Btu) Production Marketed NGPL production Total dry production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage LNG storage Supplemental gas supplies Balancing item Total supply Disposition Consumption (Electric power) (Other sectors) Deliveries at U.S. borders Exports Intransit deliveries Additions to storage	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609 49,584 63,075 -518,642 41,595,770 32,315,058 11,671,891 20,643,167 4,699,576 217,379	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146 35,554 65,482 -705,885 41,004,208 31,734,860 12,015,570 19,719,290 5,332,240 177,158	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280 43,977 68,487 R-539,589 R42,540,026 31,779,598 11,610,358 20,169,240 6,712,482 R189,789	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921 R64,066 R75,804 R-699,925 R44,672,665 R33,454,423 R12,490,567 R20,963,855 R6,968,590 R151,103	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952 42,143 120,896 -355,800 45,541,904 33,793,716 13,356,977 20,436,738 7,678,083 42,010
Foundary data (billion Btu) Production Marketed NGPL production Total dry production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage LNG storage Supplemental gas supplies Balancing item Total supply Disposition Consumption (Electric power) (Other sectors) Deliveries at U.S. borders Exports Intransit deliveries Additions to storage Underground storage	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609 49,584 63,075 -518,642 41,595,770 32,315,058 11,671,891 20,643,167 4,699,576 217,379 4,310,317	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146 35,554 65,482 -705,885 41,004,208 31,734,860 12,015,570 19,719,290 5,332,240 177,158 3,722,613	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280 43,977 68,487 R-539,589 R42,540,026 31,779,598 11,610,358 20,169,240 6,712,482 R189,789 3,814,017	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921 R64,066 R75,804 R-699,925 R44,672,665 R33,454,423 R12,490,567 R20,963,855 R6,968,590 R151,103 4,038,138	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952 42,143 120,896 -355,800 45,541,904 33,793,716 13,356,977 20,436,738 7,678,083 42,010 3,977,735
Foundary data (billion Btu) Production Marketed NGPL production Total dry production Supply Dry production Receipts at U.S. borders Imports Intransit receipts Withdrawals from storage Underground storage LNG storage Supplemental gas supplies Balancing item Total supply Disposition Consumption (Electric power) (Other sectors) Deliveries at U.S. borders Exports Intransit deliveries Additions to storage	41,538,075 6,350,892 35,187,183 35,187,183 2,810,259 212,702 3,791,609 49,584 63,075 -518,642 41,595,770 32,315,058 11,671,891 20,643,167 4,699,576 217,379	41,832,331 6,770,191 35,062,141 35,062,141 2,614,955 393,815 3,538,146 35,554 65,482 -705,885 41,004,208 31,734,860 12,015,570 19,719,290 5,332,240 177,158	42,796,036 6,989,177 35,806,859 35,806,859 2,878,160 381,851 3,900,280 43,977 68,487 R-539,589 R42,540,026 31,779,598 11,610,358 20,169,240 6,712,482 R189,789	R45,208,416 7,648,296 R37,560,120 R37,560,120 R3,097,585 R250,094 4,324,921 R64,066 R75,804 R-699,925 R44,672,665 R33,454,423 R12,490,567 R20,963,855 R6,968,590 R151,103	47,629,614 8,465,428 39,164,186 39,164,186 2,998,922 160,606 3,410,952 42,143 120,896 -355,800 45,541,904 33,793,716 13,356,977 20,436,738 7,678,083 42,010

NA Not available.

Note: See accompanying text for conversion factor documentation. Items appearing in parentheses are subsets of other items for which data are shown in this table and are not involved in the summing of supply and disposition. Totals may not equal sum of components because of independent rounding.

Revised data

Pipeline and distribution use volumes include line loss, defined as known volumes of lost natural gas that were the result of leaks, damage, accidents, migration, and/or blow down.
Source: U.S. Energy Information Administration (EIA), Form EIA-176, Annual Report of Natural and Supplemental Gas Supply and Disposition; Form EIA-857, Monthly Report of Natural Gas Purchases and Deliveries to Consumers; Form EIA-914, Monthly Crude Oil and Lease Condensate, and Natural Gas Production Report; Form EIA-816, Monthly Natural Gas Liquids Report; Form EIA-64A, Annual Report of the Origin of Natural Gas Liquids Production; Form EIA-191, Monthly Underground Gas Storage Report; Office of Fossil Energy and Carbon Management, U.S. Department of Energy, Natural Gas Imports and Exports; Form EIA-923, Power Plant Operations Report; the Bureau of Safety and Environmental Enforcement (BSEE); state and federal agencies; state-sponsored public record databases; Form EIA-23, Annual Survey of Domestic Oil and Gas Reserves; PointLogic Energy; Enverus; and EIA estimates based on historical data.