Eia natural gas report today

Hurricane Laura led to less etan consumption and a record stock build in September The U.S. Energy Information Administration's (EIA) November Oil Supply Monthly, implied etan consumption for September, reported as product supply, fell 7.8% by 1.49 million barrels per day (b/d). On August 27, Hurricane Laura ran aground just south of Lake Charles, Louisiana, which affected the operations of ethylene crackers in the region, resulting in an estimated decrease of 240,000 b/d of average methane demand for September. Hurricane-force winds and the storm surge that accompanied the Hurricane's asses to the Louisiana coast affected several ethylene crackers in the Lake Charles area and marine operations as close as the Houston Ship Channel, where Morgan's Point-etan export terminal is located. In natural gas processing plants, etan from raw natural gas is used as petrochemical raw materials that convert it into ethylene, which is etant in steam crackers, and is a precursor to widely used plastics and resins. Petrochemical fields, including three newly completed ethylene crackers, were directly damaged and hurricane Laura debris was affected; However, the loss of power affected petrochemical facilities beyond the Lake Charles region and caused the closure of ethylene crackers, some of which lasted more than a month. Hurricane-related disruption in consumer-consuming activity has followed a period of rapid industry expansion, especially in Louisiana, where four new ethylene crackers (about 200,000 b/d of the addition of an ethane capacity) have been activated over the past 12 months. Before Hurricane Laura became a Category 4 storm and made landfall, our August Short-Term Energy Outlook (STEO) forecast the September U.S. etan disposition (domestic consumption plus exports), based on these capacity additions, to reach 2.05 million b/d-levels matching record highs in January, before COVID-focused demand declines. In September, demand for methane decreased and consumer prices fell, but maintained the premium of natural gas due to continued market expectations for consumption growth and an expected increase in consumer exports at the end of the year. When a premium is priced for etan natural gas, natural gas processing plant operators have more incentives to save the etan and sell it to the liquid market instead of leaving natural gas in the flow of natural gas to be sold to consumers for heat value - a process known as etan rejection. Throughout September, spot prices that etant Mont Belvieu, Texas (the main U.S. hydrocarbon gas liquids (HGL) center) averaged $2.99 per British thermal unit of $2.99 (MMBtu)-Henry Hub on the spot price of natural gas at $1.07/MMBtu, which averaged $1.92/MMB. Lower demand due to hurricane-related plant outages, as well as higher price premiums for natural gas, led to the construction of an 11.3 million barrels, or 376,000 b/d, etan stockpile in September. Speed since 2010, EIA's etan is only since the inventory data series began. At the end of September, etan stockpiles reached 72.2 million barrels, the highest on record. In December, steo forecasts further stock increases in October followed by rapid stock draws by the end of 2020. In addition, ethylene cracking activity is expected to pick up and exports are expected to increase when the 180,000 b/d Orbit export terminal is completed in Nederland, Texas. Natural gas spot prices have fallen in most places this week (Wednesday, Wednesday, December 2, December 9). Henry Hub spot price $2.70 million British thermal units (MMBtu) fell to $2.45/MMBtu yesterday last Wednesday. On the New York Commodity Exchange (Nymex), the January 2021 contract price decreased by 34¢, from $2,780/MMBtu last Wednesday to $2,442/MMBtu yesterday. January 2021 to December 2021 futures average 12-month strip price fell to 20¢/MMBtu $2,576/MMBtu. The net number of withdrawals from gas running for the week ending December 4th was 91 billion cubic meters (Bcf). Working natural gas inventories of 3,848 Bcf, 9% more than the previous year and 7% more on average for the five-year (2015-19) week. Compound price of natural gas plant liquids in Mont Belvieu, Texas, fell 5¢ /MMBtu, to an average of $5.39/MMBtu for the week ending December 9. Prices for etan, isobutan and butatan fell by 6%, 7% and 9%, respectively. Natural gasoline and propane prices increased by 4% and 5%, respectively. According to Baker Hughes, the number of natural gas drilling rigs fell from 2 to 75 for the week ending Tuesday, December 1. The number of rigs for oil increased from 5 to 246. The total number of rigs has increased by 3 and now stands at 323. More summary data Prices/Supply/Demand: Prices fall in most places in the Lower 48 states. This report week (Wednesday, December 2 Wednesday, December 9), henry hub spot price 25¢ a high of $2.70/MMBtu fell to $2.45/MMBtu yesterday last Wednesday. Temperatures were generally warmer than normal in most of the Lower 48 states and much warmer than normal across the Great Plains. Temperatures were colder than usual on the east coast. At Chicago Citygate, the price was $2.62/MMBtu down from $2.27/MMBtu last Wednesday to a high of 35¢ yesterday. California prices are down. The price of PG&E Citygate in Northern California declined from $3.71/MMBtu last Wednesday to $3.45 yesterday. In Southern California, SoCal Citygate also priced at $4.83/MMBtu last Wednesday at $4.74/MMBtu, down 9¢ yesterday. Maintenance along the El Paso Natural Gas pipeline has limited natural gas flows from the Permian Basin to Southern California, putting upward pressure on prices. Northeast prices fall in New York, but there is up to New England in the middle of a Nor'easter. Intercontinental Pipeline Zone for New York at 6 trading points, price decreased by 10¢ Last Wednesday it was $2.35/MMBtu yesterday, after reaching a high of $2.56/MMBtu on Friday. Algonquin Citygate, boston space serves consumers, price 29¢ to $2.41/MMBtu last Wednesday went $2.70/MMBtu yesterday. Prices hit a high of $3.08/MMBtu on Friday ahead of Nor'easter, which brought profits to the region over the weekend. Customers lost power in Massachusetts, New Hampshire and Maine. Maine's local program, Central Maine Power (CMP), reported the highest number of customers without power; About 231,000 customers lost power on Sunday. As of yesterday, CMP reported that power had been restored to almost all customers. Tennessee Zone 4 Marcellus spot price was $1.92/MMBtu last Wednesday at $1.85/MMBtu down 7¢ yesterday. Southwest Pennsylvania Dominion South price was $1.94/MMBtu last Wednesday at $1.86/MMBtu down 8¢ yesterday. The Permian Basin expands the price gap to Henry Hub. The price at Waha Hub in West Texas, located near the production activities of the Permian Basin, averaged $2.62/MMBtu last Wednesday, lower than the Henry Hub price. Yesterday, waha hub price was $2.25/MMBtu, 20¢ / MMBtu Henry Hub price lower average. Supply is rising slightly due to an increase in imports from Canada. According to data from IHS Markit, the average total natural gas supply increased by 0.1% compared to the previous reporting week. Dry natural gas production decreased by 1.2% compared to the previous report week. Average net imports from Canada contributed an average of 5.8% of total supply during the week, after a 24.1% increase for the week. Demand markets in the U.S. have increased due to low demand in import Great Plains Western Canada. Total demand is increasing due to the increasing demand for heating in residential and commercial buildings. According to IHS Markit data, total US natural gas consumption increased by 11.5% compared to the previous report. Natural gas consumed for power generation increased by 9.4% week on week or week. In the residential and commercial sectors, consumption increased by 20.7% as a result of low average U.S. temperatures between 35 degrees and 45 degrees Fahrenhayt. Industrial sector consumption increased by 2.1% in a week or week. Natural gas exports to Mexico decreased by 1.7%. Natural gas deliveries to U.S. liquefied natural gas (LNG) export facilities (LNG pipeline receipts) are on average 11.2 Bcf/d or 0.89 Bcf/d higher than last week. U.S. LNG exports are increasing compared to the week. Bcf, which has combined LNG carrying capacity between December 3 and December 9, 2020 (eight from Sabine Pass, five each from Corpus Christi and Freeport, two each from Cameron and one each from Cove Point and Elba Island), shipped its first commissioning cargo from its third lifaquection unit (3' each), according to shipping data provided by Bloomberg Finance, L.P. Corpus Christi LNG terminal. Corpus Christi san patricio county is a three-train LNG export facility with combined export capacity of 1.8 Bcf/d base load (2.0 Bcf/d peak) located in Texas. Train 3 kicked in six months before the service date was first announced in May 2021. Currently, 15 standard-sized LNG trains and 10 small-scale Portable Modular Liquefiing System (MMLS) units operate between six LNG export facilities with a combined LNG export capacity of 9.5 Bcf/d base load (10.8 Bcf/d peak). Storage: Net withdrawals from storage amounted to 91 Bcf for the week ended December 4, compared to a five-year (2015-19) average net withdrawal of 61 Bcf and a net withdrawal of 57 Bcf in the same week last year. Working natural gas inventories are 3,848 Bcf, 260 Bcf is the five-year average, and 309 Bcf is more currently than last year. According to the Desk survey of natural gas analysts, weekly net change forecasts for working natural gas inventories were varying from 70 Bcf to 99 Bcf, with a median estimate of 83 Bcf from a net retreat of 70 Bcf. More storage data and analysis can be found in the Natural Gas Storage Dashboard and weekly Natural Gas Storage Report. See also: Natural Gas Analysis Reports Short-Term Energy Outlook Spot prices Spot prices table Nymex prices NGPL prices Spot Prices Spot Prices ($/MMBtu) Thu, 03-December, 04-December Mon, 07-December Tue, 08-Dec Wed, 09-Dec Henry Hub 2.45 2.47 2.41 2.36 2.45 New York 1.86 2.56 2.37 2.37 2.35 Chicago 2.35 2.35 2.20 2.27 Cal. Comp. Avg.* 3.56 3.30 3.20 3.22 3.35 Futures ($/MMBtu) January contract 2.507 2.575 2.575 406 2.399 2.442 February 2.515 2.586 2.433 2.422 2.45 6 *Avg. NGI's reported prices: Malin, PG&E Citygate, and Southern California Border Avg. Source: NGI Daily Gas Price Index Supply table Demand table Daily supply /demand graph U.S. natural gas supply - Gas Week: (12/3/20 - 12/9/20) Average daily values (Bcf/d) : Sunday production last week 101.1 102.5 107.6 Dry production 89.9 91.0 96.6 Net Canadian imports 5.7 4.6 4.2 LNG pipeline deliveries 0.2 0.1 0.2 Total supply 95.8 95.8 100.9 Source: IHS Markit Note: LNG pipeline deliveries represent natural gas delivery from LNG terminals. US natural gas consumption - Gas Week: (12/3/20 - 12/9/20) Average daily values (Bcf/d): US consumption last week 89.2 80.00 88.2 Power 28.7 27.8 Industrial 24.3 23.8 23.7 Residential/commercial 36.8 30.5 36.7 Mexico exports 5.6 5.7 5.1 Pipeline fuel usage/losses 7.4 7.2 7.8 LNG pipeline plugs 11.2 10.2 3 7.7 Total demand 113.4 103.2 108.8 Source: IHS Markit Note: LNG pipeline receipts represent pipeline deliveries to LNG export terminals. Rigs Tue, December 01, 2020 Replace oil rigs from last week 246 2.1% -62.9% Natural gas rigs 75 -2.6% -43.6% Note: Excluding rig numbers of any various equipment by Type Sal, 01 December 2020 Last week Change Vertical 16 6.7% -69.2% Horizontal 289 2.1% -58.4% Directional 18 18 -65.4% Kaynak: Baker Hughes Co Depolama grafik Stokları tablo Tarih tablo Yeraltı depolama Stoklarımilyar kübik feet (Bcf) Bölge 2020-12-04 2020-11-27 değişim Doğu 915 934 -19 Midwest 1,09 gaz 5 1.122 -27 Dağ 232 240 -8 Pasifik 312 318 -6 Güney Merkez 1.294 1.326 -32 Toplam 3.848 3.939 -91 Kaynak: Form ÇED-912, Haftalık Yeraltı Doğal Gaz Depolama Raporu Yeraltı depolamada gaz Çalışma Tarihi karşılaştırmalar Yıl önce (12/4/19) 5 yıllık ortalama (2015-2019) Bölge Stokları (Bcf) % değişim Stokları (Bcf) % değişim Doğu 874 4,7 855 7,0 Midwest 1.021 7.2 1.03 0 6.3 Dağ 195 19.0 206 12.6 Pasifik 279 11.8 303 3.0 Güney Merkez 1.170 10.6 1.194 8.4 Toplam 3.539 8.7 3.588 7.2 Kaynak: Form ÇED-912, Haftalık Yeraltı Doğal Gaz Depolama Raporu Temp. Table Average temperature. Diff.b/w average and normal Temperature – heating and cooling degree day (ending week interval 03) HDD deviation: Zone HDD Current normal last year CDD Current normal last year New England 145 -54 -87 0 0 Mid-Atlantic 147 -42 -66 0 0 0 0 E N Center 204 -14 -3 0 0 W N Center 222 -222 -2 1 -3 0 0 0 0 South Atlantic 118 -13 -8 9 -1 1 E S Center 155 20 26 0 -1 0 W S Center 113 15 34 2 -2 -5 Mountain 215 8 3 0 0 0 0 Pacific 92 -15 -44 0 -1 0 United States 157 -14 -17 2 0 Note: HDD = heating degree day; CDD = cooling degree day Source: National Oceanic and Atmospheric Administration Average temperature (°F) 7 days average 03 December 2020 Average ending source: National Oceanic and Atmospheric Administration Deviation average and normal (°F) 7-day average ending December 03, 2020 Source: National Oceanic and Atmospheric Administration Administration