

DOW CHEMICAL CO /DE/  
Form 424B2  
September 30, 2014

**CALCULATION OF REGISTRATION FEE**

<b>Title of Each Class of Securities Offered</b>	<b>Maximum Aggregate Offering Price</b>	<b>Amount of Registration Fee</b>
2.500% InterNotes <sup>®</sup> Due October 15, 2019	\$ 4,841,000	\$ 623.52
3.150% InterNotes <sup>®</sup> Due October 15, 2021	\$ 2,702,000	\$ 348.02
3.700% InterNotes <sup>®</sup> Due October 15, 2024	\$ 3,418,000	\$ 440.24

Filed under 424(b)(2), Registration Statement No.  
333-186728Pricing Supplement No. 181 - Dated Monday, September 29, 2014 (To: Prospectus Dated February 19, 2013, and  
Prospectus  
Supplement Dated February 19, 2013)

CUSIP Number	Principal Amount	Selling Price	Gross Concession	Net Proceeds	Coupon Rate	Coupon Frequency	Maturity Date	1st Coupon Date	1st Coupon Amount	Survivor's Option	Product Ranking
26054LYQ0	\$ 4,841,000.00	100%	1.250%	\$ 4,780,487.50	2.500%	Semi-Annual	10/15/2019	04/15/2015	\$ 13.40	Yes	Senior Unsecured Notes

**Redemption Information: Callable at 100% on 10/15/2015 and every coupon date thereafter****Joint Lead Managers and Lead Agents:** BofA Merrill Lynch, Incapital LLC **Agents:** Citi, Merrill Lynch, Morgan Stanley, UBS Securities LLC, Wells Fargo Advisors, LLC

The Dow Chemical Company InterNotes will be subject to redemption at the option of The Dow Chemical Company, in whole on the interest payment date occurring on 10/15/2015 and on any interest payment date thereafter at a redemption price equal to 100% of the principal amount of the The Dow Chemical Company InterNotes plus accrued interest thereon, if any, upon at least 30 days prior notice to the noteholder and the trustee, as described in the prospectus.

26054LYR8	\$ 2,702,000.00	100%	1.450%	\$ 2,662,821.00	3.150%	Semi-Annual	10/15/2021	04/15/2015	\$ 16.89	Yes	Senior Unsecured Notes
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26054LYS6	\$ 3,418,000.00	100%	1.800%	\$ 3,356,476.00	3.700%	Semi-Annual	10/15/2024	04/15/2015	\$ 19.84	Yes	Senior Unsecured Notes
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Trade Date: Monday, September 29, 2014 @ 12:00

**The Dow Chemical Company**

PM ET Settle Date: Thursday, October 2, 2014

The Dow Chemical Company

2030 Willard H. Dow Center

Midland, Michigan 48674

**The Dow Chemical Company InterNotes**

Minimum Denomination/Increments:  
\$1,000.00/\$1,000.00 Initial trades settle flat and  
clear SDFS: DTC Book Entry only DTC Number  
0235 via RBC Dain Rauscher Inc

If the maturity date or an interest payment date for any note is not a business day (as term is defined in prospectus), principal, premium, if any, and interest for that note is paid on the next business day, and no interest will accrue from, and after, the maturity date or interest payment date.

Legal Matters:

In the opinion of Kenneth Hemler, Senior Counsel, of The Dow Chemical Company (the Company), the notes offered by this pricing supplement have been duly authorized, and when executed and issued by the Company, authenticated by the Trustee pursuant to the Indenture, and delivered against payment as contemplated herein, such notes will be legal, valid and binding obligations of the Company enforceable against the Company in accordance with their terms and entitled to the benefits of the Indenture (subject to applicable bankruptcy, reorganization, insolvency, moratorium or other laws affecting creditors' rights generally from time to time in effect and to general principles of equity). This opinion is given as of the date hereof and is limited to the law of the State of New York and the General Corporation Law of the State of Delaware as in effect on the date hereof. In addition, this opinion is subject to the same assumptions and qualifications stated in the letter of such counsel dated August 8, 2014, filed in the Company's Current Report on Form 8-K dated August 8, 2014 and incorporated by reference as Exhibit 5.1 to the Company's registration statement on Form S-3 ASR (No. 333-186728). Capitalized terms used in this paragraph without definition have the meanings ascribed to them in the accompanying Prospectus Supplement.

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