

PE & PP Manufacturer List 14.

North America (46)

Region / Country	Ownership, Partnership Manufacturer, JV structure, Project owner, Finance	Location, Site	Category:		Process, Capacity Technology, Engineering Catalyst, Products	Start-up, Closure, Expansion	Line (s)	Capacity (Year/End, KT/Y)					2021---Expansion, Construction, Plan Completion, N	
			C2, C3 /	Polymer				2016	2017	2018	2019	見込み 2020		
Shell Chemicals Ltd.	既存クラッカー:	Deer Park, TX	C2	1,426KTA, とその後の増減; OP2, OP3 lines - 減の合		2016/5 64 増		834	834	834	834	834		
		Norco, LA	C2	OP-2: 900KTA		既存		900	900	900	900	900		
		Norco, LA	C2	OP-3: 656KTA		既存		656	656	656	656	656		
			C2	上記の共通事由; 2010原料転換で減		2010より -785KT		-785	-785	-785	-785	-785		
エタンクラッカー新設 計画	Signed a land option agreement with Horsehead Corp. (Pittsburgh) 複数のRefinery あり.	Monaca, Pittsburgh, Beaver County, PA (ア パラチア地区), Marcellus and Utica shale regionsからガス を引く. ennsylvania 複数のRefinery	C2 新設	Feed: Ethane feed, Capacity: 1,500KTA Tech: Licensing by Linde, Bechtel (FEED). Linde (process technology) FEED & Eng'g: Linde 誘導品も検討中 (PE as sbelow), 認可取得済.		2017/11建設開始 (メイン部) 建設中	2020年に建設一時中断している.					0	2021年下期の稼働 見込み	
			C2	2nd stage; expansion										
			C2		エチレン小計				1,605	1,605	1,605	1,605		1,605
			C3	from Deer Park Cracker					698	698	698	698		698
			C3	多くは from Refinery										
Shell Chemicals Ltd.				2009/9:原料転換 △830KTAの大幅減		既存		-880	-890	-900	-910	-920		
Shell Chemicals Ltd.		Monaca, PA (Pennsylvania) ; for its planned PC complex on shale gas	新設	(ポリオレフィン合計Capacity: 1,600KT planned; 3系列を検討中) HD/LLD Cap.: 550KTA, Tech: Gas-phase		建設中						0	2021年下期の稼働 見込み	
			新設	HDPE Cap.: 500KTA, Tech: Slurry unit		建設中						0		
			新設	LLD Cap.: 550KTA, Tech: Gas-phase, Specialties		建設中						0		
Shell Chemicals Ltd.		Geismar, Louisiana		αオレフィ ン	Cap: 425KTA, 大きい能力									
Shel TTL						PE ttl		0	0	0	0	0		

Shell Chemicals 関係ニュース;

2020/7: Shell continues expansion of Pennsylvania project workforce

Shell paused adding workers in late June to install an onsite COVID-19 testing lab.

2020/6: Shell controls Covid-19 after restarting Pennsylvania construction but other risks loom

Shell interrupted on March 18 the construction of this complex where it has a 100% interest and begun a restart in stages on May 4. Once built, it will crack ethane from Northeast shale basins into ethylene to polymerize into 1.6 million tonnes of polyethylene annually.

View of the Ohio River and Pittsburgh, about a half-an-hour drive up the river from the Shell polyethylene complex under construction. Photo courtesy of Christopher Klein/Pixabay

As of early June 2020 Shell has controlled with safety protocols the incremental construction restart of its new planned ethylene and polyethylene complex in Pennsylvania yet

other risks brewing before Covid-19 may eventually prove harder to mitigate.

Covid-free partial construction restart as of early June

“On March 18, we made the decision to temporarily suspend activities,” Curtis Smith, from Shell U.S. Media, said in an email on June 2.

“That same day we made clear there was no timeline for a restart and that resumption of work would happen in a phased manner,” he added.

A scaled-down crew remained on site to care for equipment and put in place mitigation measures to protect workers from COVID-19, Smith said.

The interruption was in line with instructions by Pennsylvania authorities to stop all non-essential activities. Protocols follow U.S. Center for Disease Control guidelines.

2020/3: シェルはペンシルベニア州モナカにおける石化コンプレックスの建設を一時中断した。8000人以上が建設作業に従事しているという。感染防止策をより徹底し、施策を講じた段階で建設を再開するとしている。同社は「作業員と近隣住民の健康が最優先事項」として一時中断を判断したとしている。

同コンプレックスでは、マーセラスやユティカなど近隣のシェール層から調達する廉価なエタンを原料に、年150万トンのエチレンと同160万トンのポリエチレンを生産することになっている。を見込んでいる。