

# Global Energy Policy Research | GEPR

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## IEA 2015

Monday, November 30th, 2015

IEA 2015 ... IPCC 2040 ... IEA

### 1/3

IEA 2040 ...

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	2000	2014	2020	2025	2030	2035	2040	2014-2040	
								Change	CAAGR*
<b>Conventional production</b>	73.8	81.9	82.6	84.5	85.1	85.6	85.9	4.0	0.2%
<b>Crude oil</b>	65.5	68.0	67.3	68.4	67.9	67.4	66.8	-1.2	-0.1%
Existing fields	64.0	66.6	53.6	44.8	36.9	29.7	23.8	-42.7	-3.9%
Yet-to-be developed	-	-	12.4	17.7	19.3	20.8	22.3	22.3	n.a.
Yet-to-be found	-	-	-	3.7	8.7	13.1	16.3	16.3	n.a.
Enhanced oil recovery	1.4	1.4	1.4	2.2	3.1	3.8	4.4	2.9	4.4%
<b>Natural gas liquids</b>	8.3	13.9	15.2	16.1	17.2	18.2	19.2	5.2	1.2%
<b>Unconventional production</b>	1.2	7.6	10.9	10.8	12.1	13.2	14.5	6.9	2.5%
Tight oil	-	4.0	5.8	5.2	5.5	5.4	5.0	1.0	0.8%
Extra-heavy oil and bitumen	0.8	2.6	4.1	4.3	4.9	5.7	6.9	4.3	3.8%
<b>Total production</b>	75.0	89.5	93.5	95.3	97.2	98.8	100.4	10.9	0.4%
<b>Processing gains</b>	1.8	2.2	2.4	2.6	2.7	2.9	3.0	0.8	1.2%
<b>Supply**</b>	76.9	91.7	95.9	97.9	99.9	101.7	103.5	11.8	0.5%

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Existing fields 6660 2380 IEA

Yet-to-be developed? Yet-to-be found? Natural gas liquids? Tight oil? Extra-heavy oil and bitumen?

2000? 3000? 5000? IEA? 1/4?

NGL?

IEA? 2020?

IEA?

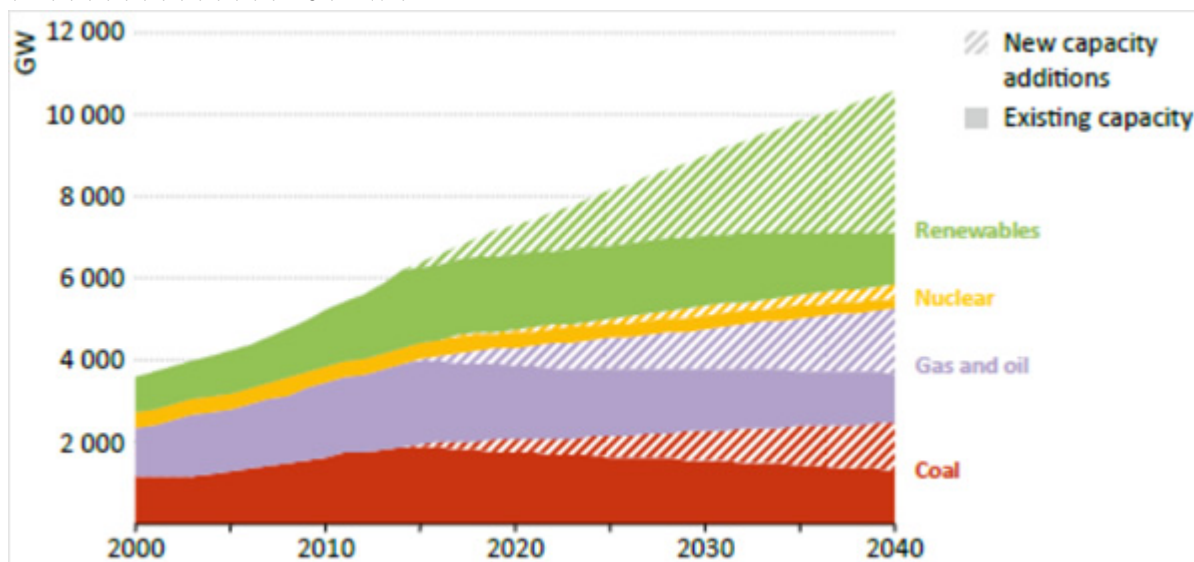
IEA?

IEA? 10? 10000?

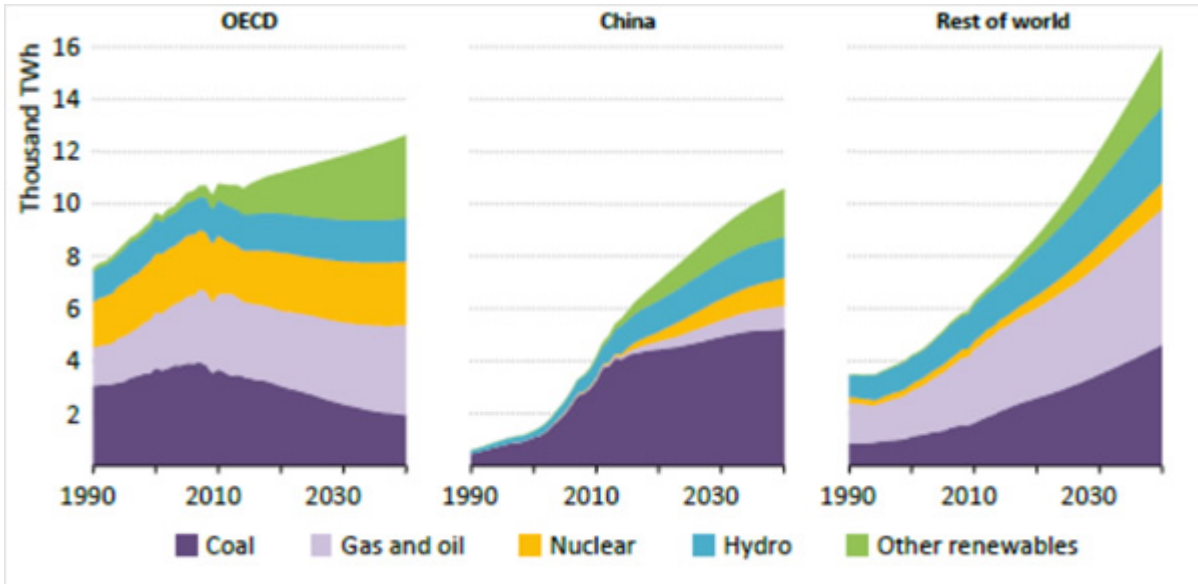
2?

1? IEA? 2040? 70? 1? 2?

1? 10? kW?



2? 1990-2040? (kWh)



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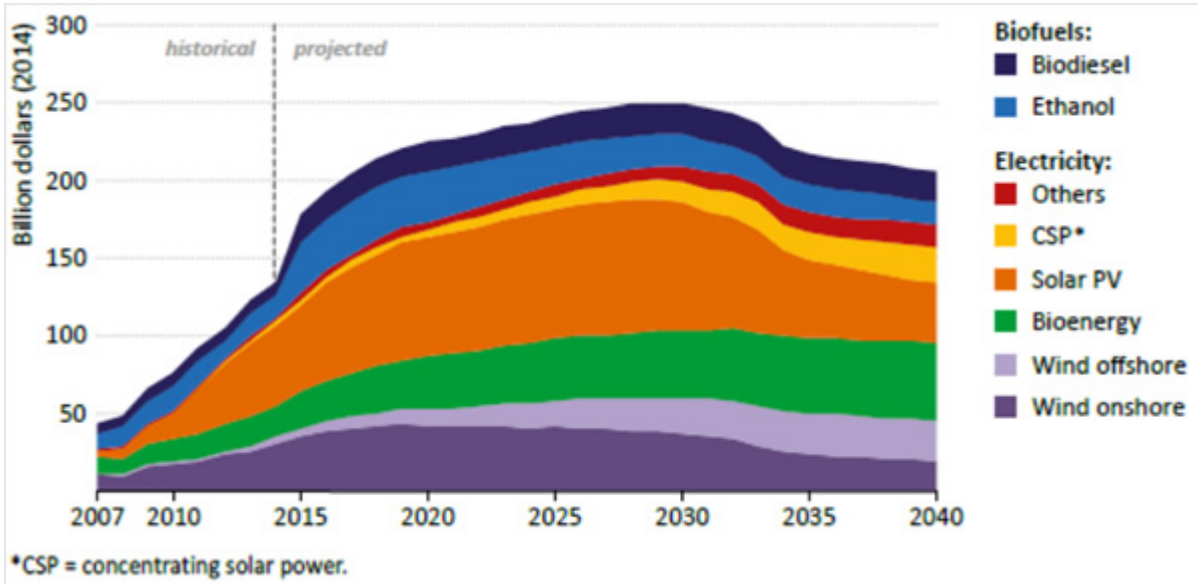
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IEA ???

i)?????????

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?3????????????????????10?????



ii)????????????????

??4????????????????????????????????  
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?4????????????????????????????????



