Fairbank,
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FM3

# NEW YORK ENERGY ISSUES SURVEY 220-3959-WT N=802 MARGIN OF SAMPLING ERROR $\pm 4.0\%$ (95% CONFIDENCE INTERVAL)

MARGIN OF SAMPLING ERROR ±4.0% (95% CONFIDENCE INTERVAL)

A/B SPLITS

about i	I'm from FM3, a public opinion reseissues that interest voters in New York state. Von. We are only interested in your opinions. ER LISTED. IF NOT AVAILABLE, ASK:	We are definitely not trying to sell you anything any I speak with? (MUST SPEA)	ng or ask for a <b>K WITH</b>
A.	Before we begin, I need to know if I have rea where you can talk safely without endangerin <b>ASK:</b> "Do you own a cell phone?")		
	Yes, cell but cannot talk safely No, not on cell, but own oneNo, not on cell and do not own	(SKIP TO QB) - 33% / TERMINATE (SKIP TO QB) - 50% n one (SKIP TO Q1) - 18% FUSED TERMINATE	
(ASK ) B.	QB ONLY IF CODES 1 OR 2 "OWN A CE Would you say you use your cell phone to ma calls, do you use your cell phone and home la landline phone to make and receive calls?	ake and receive all of your phone calls, most	
	]	All cell phone 28%  Mostly cell phone 18%  Cell and landline equally 34%  Mostly landline 18%  (DON'T READ) DK/NA 1%	
(RESU	UME ASKING ALL RESPONDENTS) First, would you say that things in New York they are off on the wrong track?	are headed in the right direction, or would y	ou say that
	,	Right direction	

# MY NEXT QUESTIONS ARE ABOUT SOME ISSUES THAT MAY BE FACING YOUR COMMUNITY.

2. I'm going to read you a list of issues, and I'd like you to tell me how serious a problem you think each one is in your community. After I read each one, please tell me whether you think it is an extremely serious problem, a very serious problem, a somewhat serious problem, or not a serious problem. (RANDOMIZE)

		EXT SER	VERY SER	SMWT SER	NOT SER	(DK/ <u>NA)</u>	EXT/ VERY
(SPL1	T SAMPLE A ONLY)						
[ ]a.	The cost of health care	46%	27%	16%	10%	1%	73%
[ ]b.	The amount you pay in taxes	40%	26%	18%	14%	1%	66%
[ ]c.	Pollution of lakes, rivers, and streams	28%	26%	29%	14%	3%	54%
[ ]d.	Air pollution	24%	23%	28%	22%	3%	47%
[ ]e.	The economy and unemployment	46%	31%	16%	5%	3%	76%
(SPL1	T SAMPLE B ONLY)						
[ ]f.	Climate change	23%	18%	28%	26%	5%	42%
[ ]g.	Too much spending by state government	35%	28%	20%	10%	7%	63%
[ ]h.	The quality of public education	31%	29%	23%	14%	3%	60%
[ ]i.	Dependence on foreign oil	31%	32%	23%	9%	5%	63%
(SPL1	T SAMPLE A ONLY)						
[ ]i.	Too much natural gas drilling	16%	17%	17%	36%	14%	33%
[ ]k.	The cost of natural gas for use in your home	16%	20%	25%	32%	8%	35%
(SPL1	T SAMPLE B ONLY)						
<u> </u>	Not enough natural gas development	18%	19%	24%	26%	13%	37%
[]m.	Gas prices	40%	27%	22%	9%	2%	67%

#### (RESUME ASKING ALL RESPONDENTS)

3. Next, I'd like to ask you about energy. Here is a list of specific sources of energy. Please tell me whether you would support or oppose increasing the use of that source of energy to meet your state's future needs. (IF SUPPORT/ OPPOSE, ASK: "Is that strongly SUPPORT/OPPOSE or just somewhat?") (RANDOMIZE)

		STR SUPP	SMWT SUPP	SMWT OPP	STR OPP	(DK/ <u>NA)</u>	TOT SUPP	TOT OPP
[ ]a.	Solar	76%	15%	3%	4%	2%	92%	7%
[ ]b.	Coal	18%	23%	24%	28%	8%	40%	52%
[ ]c.	Natural gas	50%	31%	8%	5%	6%	81%	13%
[ ]d.	Wind	69%	20%	3%	3%	5%	89%	6%
[ ]e.	Hydropower	52%	24%	7%	4%	13%	76%	11%
[ ]f.	Nuclear	18%	20%	20%	32%	10%	38%	52%
[ ]g.	Fracking	17%	12%	12%	36%	22%	29%	48%

#### MY NEXT QUESTIONS DEAL WITH A DIFFERENT SUBJECT.

4. First, have you seen, heard or read anything about hydraulic fracturing, the process sometimes involved in natural gas extraction commonly known as "fracking?" (**IF YES ASK:** "Have you heard a great deal or just a little bit about fracking?")

Yes, a great deal----- (GO TO Q5)--33% Yes, a little----- (GO TO Q5)--32% No----- (SKIP TO Q8)--34% (DON'T KNOW) ----- (SKIP TO Q8)--1%

#### (ASK Q5-7 ONLY IF "YES" – CODES 1 OR 2 - IN Q4)

5. In a few words of your own, what have you heard about it? (OPEN-END; RECORD VERBATIM RESPONSES AND CODE)

Dengarous/anvironment/pollution/air/land	210/
Dangerous/environment/pollution/air/land	
Water/contaminated/polluted	
Controversial/most don't like/approve/not good	12%
Process to extract gas/oil	12%
Safe/ff done correctly	
Chemicals/toxic/injected with water	7%
Very little/nothing	5%
Another source of energy/cost less	5%
Good for jobs/economy	4%
Earthquakes	3%
Heard on radio/TV/newspapers/friends/family	3%
Could reduce dependency on foreign oil	2%
Banned in New York	
Big oil/profits	
Safe for water/environment	
Concerns over the process of fracking	1%
Need further study/testing	0%
Other mention	3%
DK/NA/unsure	
Other mention - positive	
Other mention - negative	
Undecided/need more information	1%

6.	From what you have heard, would you support or oppose the use of fracking to extract natural gas in
	New York? (IF SUPPORT/ OPPOSE, ASK: "Is that strongly SUPPORT/OPPOSE or just
	somewhat?") (RANDOMIZE)

<b>TOTAL SUPPORT37%</b>
Strongly support 25%
Somewhat support 12%
-
TOTAL OPPOSE56%
Somewhat oppose 13%
Strongly oppose 43%
( <b>DON'T READ</b> ) DK/NA6%

7. Next, please listen to the following list of feelings and emotions, and tell me which one or two best describe how you feel about fracking. (RANDOMIZE; ACCEPT NO MORE THAN TWO RESPONSES)

[] Happy	4%
[] Indifferent	5%
[] Alarmed	22%
[] Grateful	2%
[] Frustrated	7%
[] Hopeful	20%
[] Uncertain	22%
[] Content	5%
[] Helpless	1%
[] Scared	8%
(OTHER - SPECIFY)	1%
(DON'T KNOW)	

#### (RESUME ASKING ALL RESPONDENTS)

8. Next, let me tell you a little more about this process. Hydraulic fracturing, or fracking, is a method of oil and natural gas extraction that involves forcing hundreds of thousands of gallons of water into each well, mixed with sand and chemicals, under high pressure deep into the earth. Fracking breaks up underground rock formations to allow the extraction of oil and natural gas that might be otherwise hard to reach. Having heard this, do you support or oppose the use of fracking to extract natural gas in New York? (IF SUPPORT/OPPOSE, ASK: "Is that strongly SUPPORT/OPPOSE or just somewhat?") (RANDOMIZE)

<b>TOTAL SUPPORT35</b>	5%
Strongly support 1	
Somewhat support 1	6%
TOTAL OPPOSE50	5%
Somewhat oppose 1	6%
Strongly oppose 4	0%
( <b>DON'T READ</b> ) DK/NA	9%

9. Right now, there is a moratorium, or a temporary halt, to fracking in New York state, meaning that no fracking can occur until scientific studies of its safety are conducted, and until the Department of Environmental Conservation creates rules to ensure fracking can be conducted safely. Do you support or oppose the moratorium that is temporarily stopping fracking in New York? (IF SUPPORT/OPPOSE, ASK: "Do you SUPPORT/OPPOSE strongly or somewhat?")

TOTAL SUPPORT	79%
Strongly support	60%
Somewhat support	18%
TOTAL OPPOSE	17%
Somewhat oppose	6%
Strongly oppose	10%
( <b>DON'T READ</b> ) DK/NA	4%

10. In general, how confident are you that fracking can be done safely? Would you say that you are:

VERY/SMWT CONFIDENT35%
Very confident 12%
Somewhat confident 23%
NOT TOO/NOT CONFIDENT53%
Not too confident 22%
Not at all confident 31%
( <b>DON'T READ</b> ) DK/NA 12%

11. Next, please tell me if you think fracking would have a positive impact, negative impact, or no impact at all on each of the following aspects of life in New York. (**IF POSITIVE/NEGATIVE, ASK**: "Do you think it will have a very **POSITIVE/NEGATIVE** impact or just somewhat of one?") (**RANDOMIZE**)

		VERY	SMWT	NO	SMWT	VERY	(DIZ.)	TOT	TOT
		POS IMP	POS IMP	NO <u>IMP</u>	NEG IMP	NEG IMP	(DK/ <u>NA)</u>	POS IMP	NEG IMP
(SPL)	T SAMPLE A ONLY)	11411	11/11	IIVII	11/11	11/11	<u>1111)</u>	11/11	11/11
[ ]a.	Tourism	- 10%	6%	46%	15%	15%	7%	16%	30%
[ ]b.	Wildlife							15%	62%
[]c.	The cost of energy	- 21%	29%	13%	14%	11%	12%	50%	25%
[ ]d.	Jobs							69%	13%
[ ]e.	Air pollution	- 10%	6%	24%	26%	22%	13%	16%	47%
(SPLI	T SAMPLE B ONLY)								
]f.	The availability of water for								
	people and farming	8%	8%	15%	26%	30%	13%	16%	56%
[ ]g.	Farms near drilling								
	operations	- 11%	8%	9%	27%	33%	11%	20%	61%
[ ]h.	The natural beauty of New								
	York state	9%	8%	24%	22%	28%	9%	17%	50%
[ ]i.	Our nation's supply of								
	domestic energy	- 23%	30%	14%	10%	9%	14%	53%	19%
[ ]j.	The state budget	- 15%	19%	19%	13%	14%	20%	34%	27%
(ASK	SPLIT SAMPLE A ONLY)								
[ ]k.	Drinking water quality	9%	5%	18%	22%	37%	10%	14%	59%
[]].	The overall quality of life in communities near drilling								
	sites	- 12%	10%	11%	24%	34%	10%	21%	57%
(ASK	SPLIT SAMPLE B ONLY)								
[]m.	The quality of water in								
[ ]	rivers, lakes and streams	8%	7%	15%	25%	34%	12%	15%	58%
[ ]n.	The overall quality of life in	0,0	, , ,	10 / 0	20 / 0	21,0	12,0	10,0	20,0
L J	your community	- 15%	11%	21%	19%	22%	12%	26%	41%
	<i>J</i> =		,-				,-		/-

## (RESUME ASKING ALL RESPONDENTS)

12.	Now I am going to read you some pairs of statements. Please tell me which state your own view, even if neither of the statements matches your views exactly. (ROUESTIONS, AND STATEMENTS WITHIN QUESTIONS)	
[ ]a.	[] Fracking generally is good for local communities because it brings jobs, tax revenue, and economic development	27%
	OR	
	[] Fracking is generally <u>bad</u> for local communities because it has negative impacts on water, land, and our health	55%
	(DON'T READ)	
	(BOTH)	
	(NEITHER)	
	(DON'T KNOW/NA)	8%
[ ]b.	[ ] We should place a higher priority on developing new supplies of natural gas to create jobs and reduce energy costs	25%
	OR	
	[] We should place a higher priority on developing clean, renewable energy sources to protect water quality, natural areas, and wildlife habitat	61%
	(DON'T READ)	004
	(BOTH)(NEITHER)	
	(DON'T KNOW/NA)	
[ ]c.	[ ] Jobs created by fracking are likely to be temporary; they will last as long as drilling is taking place, and then go away	60%
	OR	
	[ ] Jobs created by fracking are likely to be <u>permanent</u> ; drilling will lead to economic revitalization that will create long-term jobs in communities	26%
	(DON'T READ) (BOTH)	304
	(NEITHER)	
	(DON'T KNOW/NA)	
	(DOI) 1 INIOW/NA)	O 70

13. Next, I'm going to read you a list of potential actions that are being considered related to fracking and natural gas development in New York. After I read each one, please tell me whether it sounds like something you would support or oppose. (IF SUPPORT/OPPOSE, ASK: "Is that strongly SUPPORT/OPPOSE or just somewhat?") (RANDOMIZE)

		STR SUPP	SMWT SUPP	SMWT OPP	STR OPP	(DK/ <u>NA)</u>	TOT SUPP	TOT OPP
(SPL)	IT SAMPLE A ONLY)							
[ ]a.	Continuing the temporary halt on							
	fracking while the state studies its							
	potential impacts and determines							
E 31	how best to address them	62%	15%	8%	10%	5%	77%	18%
[ ]b.	Enacting strict regulations to prevent							
	or fix negative impacts that fracking may have on nearby communities,							
	wildlife and water supplies	58%	19%	5%	10%	7%	78%	15%
[]c.	Allowing drilling for natural gas in	2070	1570	270	1070	770	7070	1370
[ ]	state parks and forests	15%	9%	14%	56%	5%	24%	71%
	-							
(SPL)	IT SAMPLE B ONLY)							
[ ]d.	Prohibiting fracking entirely	33%	17%	17%	22%	11%	50%	39%
[ ]e.	Establishing a fee on natural gas							
	drilling, and dedicating a percentage							
	of the revenue to fund conservation of local land, water and wildlife	420/	240/	100/	120/	110/	66%	220/
[ ]f.	Prohibiting drilling for natural gas in	42%	24%	10%	13%	11%	00%	23%
[]1.	state parks and forests	51%	15%	12%	16%	6%	66%	28%
	state parks and forests	51/0	1370	12/0	1070	370	0070	2070
(RES	UME ASKING ALL RESPONDENTS	<b>S</b> )						
N	OW I WOULD LIKE TO READ SOM	IE STAT	<b>TEMENT</b>	'S ABOU'	T FRAC	KING IN	NEW Y	ORK.

14. First, here are some statements from people who <u>support</u> the moratorium that is temporarily stopping fracking in New York State. After hearing each statement, please tell me whether you find it very convincing, somewhat convincing, or not convincing as a reason to <u>support the moratorium</u>. If you do not believe the statement, please tell me that too. (**RANDOMIZE**)

	VERY CONV	SMWT CONV	NOT CONV	DON'T BEL	(DON'T READ) <u>DK/NA</u>	VERY/ SMWT CONV
(ASK SPLIT SAMPLE A ONLY)						
[ ]a. <b>(WATER USE)</b> Fracking uses up water that we rely on for drinking and agriculture. Each well uses as much as hundreds of thousands of gallons of water, much of which is never						
usable again	59%	16%	13%	8%	5%	75%

(ASK	SPLIT SAMPLE A ONLY CONTINUED)	VERY CONV	SMWT CONV	NOT CONV	DON'T BEL	(DON'T READ) <u>DK/NA</u>	VERY/ SMWT CONV
[ ]b.	(EARTHQUAKES) Geologists at the Ohio Department of Natural Resources believe fracking operations caused several small earthquakes in Pennsylvania. We need more						
[ ]c.	information about the geological impact of fracking before allowing it to move forward (AIR POLLUTION) The fracking process causes health-threatening air pollution,	57%	19%	13%	7%	4%	76%
[ ]d.	increasing the levels of toxic ozone, and cancer-causing benzene in the air we breathe (QUALITY OF LIFE) Fracking threatens natural areas, farmland, and water resources,	53%	18%	13%	10%	7%	70%
[ ]e.	which provide outdoor recreational opportunities that are important to our quality of life in New York	54%	22%	12%	8%	5%	76%
	numbers of trucks and heavy equipment into small communities and pristine natural areas, causing traffic, noise, and other quality of life problems.	50%	24%	19%	3%	3%	74%
(ASK	SPLIT SAMPLE B ONLY)						
[ ]f.	( <b>DRINKING WATER</b> ) In many communities, fracking has polluted the drinking water with toxic chemicals such as benzene, threatening the health of humans,						
[ ]g.	crops and wildlife (CLIMATE CHANGE) Fracking will make climate change worse by putting more carbon	61%	16%	13%	5%	5%	76%
[ ]h.	and methane pollution into the air(PIPELINE SPILLS) The pipelines which carry natural gas from fracking can leak. For example, a spill in Ohio last year leaked	47%	18%	20%	8%	7%	65%
[ ]i.	thousands of gallons of oil into a nature preserve	58%	18%	15%	5%	4%	76%
	communities, creating major industrial operations that cause pollution near homes, schools, and businesses. We should not allow that here in New York.	58%	19%	15%	4%	4%	77%

	CDI VE CAMBI E D ONI V CONTINUED)	VERY CONV	SMWT CONV	NOT CONV	DON'T BEL	(DON'T READ) <u>DK/NA</u>	VERY/ SMWT CONV
`	SPLIT SAMPLE B ONLY CONTINUED)						
[ ]j.	(FUTURE GENERATIONS) We owe it to						
	our children and grandchildren to protect New						
	York's clean water and natural areas. We need						
	to make sure fracking will not threaten their	620/	200/	100/	20/	20/	0207
	future before it is allowed in New York	63%	20%	12%	3%	3%	82%
( <b>RES</b> ) [ ]k.	UME ASKING ALL RESPONDENTS) (CHOICE) New York has a choice: use more natural gas and fossil fuels, or change the sources of energy we rely on. Instead of more fracking, we should move to clean renewable						
	energy sources such as wind and solar power	59%	19%	14%	4%	4%	78%
	one of the same of the same sold power.	2770	1770	11/0	1,0	.,0	, 5, 0
15.	Now that you have heard a little more information moratorium that is temporarily stopping fracking		•	_	• • •		

15. Now that you have heard a little more information, let me ask you again: do you support or oppose the moratorium that is temporarily stopping fracking in New York until scientific safety studies can be conducted and safety rules can be created? (**IF SUPPORT/OPPOSE**, **ASK**: "Do you **SUPPORT/OPPOSE** strongly or somewhat?")

TOTA	A SUPPORT76	<b>%</b>
	support 59	
Somew	nat support 17	7%
TOTA	OPPOSE19	<b>%</b>
Somew	nat oppose	7%
	oppose 12	
C	11	
(DON"	( <b>READ</b> ) DK/NA5	5%

16. Now, here are some statements from people who want to <u>remove</u> the moratorium in order to allow fracking in New York. After hearing each statement, please tell me whether you find it very convincing, somewhat convincing, or not convincing as a reason to <u>allow</u> more fracking in New York. If you do not believe the statement, please tell me that too. (**RANDOMIZE**)

		VERY CONV	SMWT CONV	NOT CONV	DON'T BEL	(DON'T READ) <u>DK/NA</u>	VERY/ SMWT CONV
•	SPLIT SAMPLE A ONLY) (IOPS) Notwell and development can being						
[ ]a.	( <b>JOBS</b> ) Natural gas development can bring millions of dollars in new investment and						
	hundreds of jobs to communities that are						
r 11.	struggling in the current economy	22%	28%	38%	8%	4%	50%
[ ]b.	(SAFE) Studies have shown that when fracking is done properly, with modern						
	technology, it is safe for our air, water, and						
	health	16%	25%	37%	18%	4%	42%
[ ]c.	(NATIONAL SECURITY) Dependence on						
	other countries for our energy threatens our national security. Natural gas development						
	can help make us safer and more independent	26%	24%	36%	10%	4%	50%
•	SPLIT SAMPLE B ONLY)						
[ ]d.	(TAXES) Royalties and fees from natural gas development can make a big difference in our						
	state and community's budgets, helping pay						
	for schools, roads, and other essential services.						
Па	(ENVIDONMENTALISTS) Opposition to	24%	21%	39%	11%	5%	45%
[ ]e.	<b>(ENVIRONMENTALISTS)</b> Opposition to fracking in our state comes mainly from a						
	small group of extreme environmentalists,						
	who want to take away communities' right to						
	determine whether and how to allow natural gas drilling.	18%	16%	11%	17%	7%	34%
[ ]f.	(CLEANER FUTURE) Natural gas is	1070	10/0	<del></del> 1 /0	1770	/ /0	34/0
	cleaner and less polluting than oil or coal, and						
	is part of a path to a healthier, more	270/	250/	220/	00/	70/	520/
	sustainable energy future	21%	23%	33%	9%	/ %	52%

#### (RESUME ASKING ALL RESPONDENTS)

17. Sometimes over the course of a survey like this people change their minds, and sometimes they do not. Let me ask you one last time: do you support or oppose the moratorium that is temporarily stopping fracking in New York until scientific safety studies can be conducted and safety rules can be created? (IF SUPPORT/OPPOSE, ASK: "Is that strongly SUPPORT/OPPOSE or just somewhat?"

<b>TOTAL SUPPORT73%</b>
Strongly support 55%
Somewhat support 17%
<b>TOTAL OPPOSE23%</b>
Somewhat oppose8%
Strongly oppose 15%
( <b>DON'T READ</b> ) DK/NA4%

#### HERE ARE MY LAST QUESTIONS, AND THEY ARE FOR STATISTICAL PURPOSES ONLY.

18. How financially dependent are the people in your household on the natural gas industry for their livelihood: (**READ LIST**)

(DK/NA/REFUSED)2%	
Not at all dependent 68%	
Somewhat dependent, or 18%	
Very dependent, 12%	

100/

19. How would you describe yourself politically: Are you a liberal, moderate, or conservative? (**IF LIBERAL/CONSERVATIVE ASK:** "Is that very liberal/conservative or just somewhat?")

Somewhat liberal 12	20%
Moderate 30	6%
Somewhat conservative 10	6%
Very conservative 14	4%
(DON'T READ) DK/NA/Refused	6%

20. Within the last three years, have you had a license to hunt or fish in New York?

Yes, hunting only2%
Yes, fishing only9%
Yes, both9%
No, neither 79%
(DON'T READ) DK/NA/Refused2%

21. With which racial or ethnic group do you identify yourself: Latino or Hispanic, African-American or Black, White or Caucasian, Asian or Pacific Islander, or some other ethnic or racial background?

Latino/Hispanic9%
African-American/Black 10%
White/Caucasian 70%
Asian/Pacific Islander2%
Other4%
(DON'T READ) DK/NA/Refused5%

22. I don't need to know the exact amount, but I'm going to read you some categories for household income. Would you please stop me when I have read the category indicating the total combined income for all the people in your household before taxes in 2013?

\$30,001 to \$50,000 17%
\$50,001 to \$75,000 19%
\$75,001 to \$100,000 11%
Over \$100,000 13%
(DON'T READ) DK/NA/Refused 26%

## THANK AND TERMINATE

<b>SEX:</b> By observation	Male 47%
,	Female 53%
PARTY REGISTRATION:	Democrat 50%
	Republican 26%
	Other24%
<u>FLAGS</u>	<u>GEOGRAPHY</u>
P06 17%	Oversample Counties (Allegany,
G06 55%	Broome, Tioga, Steuben, Chemung,
P088%	Orange, Ulster, Dutchess)7%
G08 80%	Rest of State 93%
P1021%	
G10 65%	<u>REGION</u>
P127%	New York City 34%
G12 87%	NYC Suburbs 23%
BLANK4%	Upstate Urban 17%
	Upstate Rural 26%
AGE	-
<del>18-29</del> 13%	MEDIA MARKET
30-39 13%	Albany/Schenectady/Troy6%
40-49 17%	Binghamton3%
50-64 29%	Buffalo 12%
65-74 16%	Burlington/Plattsburgh1%
75+ 12%	Elmira2%
	New York 63%
	Rochester6%
	Syracuse5%
	Utica1%
	Watertown1%