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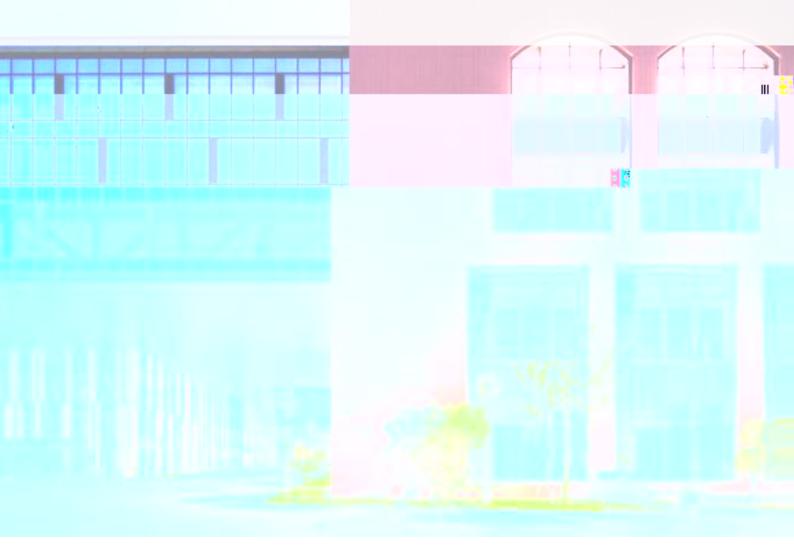
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ghh ck ckh kkkcgkk. hckgecd gck
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VkijcUGO gg e gjgkgcgkiggjgicIJI+gkk
hkg.kfgkh kkgh /ecd chck.cfgckckgk



I.



1. School Profile

H fgf k 3;:6. Vkij c UGO jc c k k cf c eg gfig c f e k c g gcfg h Ejkccf jg f c kg dgc f/ec ej hge ke c f ccig g cfj f kgik.fgfkeck cfg ge ckeg cg 0H g 62 gc. Vkij c UGO jc gf jg ck k cg ckki. ekg khle g gc ej. ekc kh g eg c f k g c k c g ej c i g . c f g dge g c f/e c ej h ge ke c f c cig g 0

Vkijc UGO jc g g f g c g Cee ki Ge ke Hkceg ck. G g g g jk c f U c gi Ngcfg jk c f Q i c k c k O c c i g g Occig g Uekgegef Gikggkief Ocgki OVigjg. jgge gh kk/ g g fkek kg hjg g kec ge ke.c kgf ge ke.d kg cf kk ck. cf ccig g ekg eg cfg ik gg k i 0 c j g jg Uge g ckc h jg Ejk c PckcODCGfeckUgkEkgg0

2. Background and Goal Setting

Ekcgejcigjc dge gcgk i dcejcgig0 g gekcgejcig. jgkgckce k jce kgf j ij kcgccigg g kg jg RckCigg g kki dc g gc g kg g dg 4℃ jkg ki ghh ec k c 307° C cd g g/k f kc g g 0E kg j c g h c gf c f g ge ke c f ekc k g g gf ec d g k k gf e k kekg c h c k c f /ec d ck cd g f g g 0

Vjg Ejk g g I g g c cejg i gc k c eg jg k g hek c g ejc i g. cekg c kekcgki dc ekcgi g c egc fjc h c fjg f c ecd ic. k0g0 kki jcg EQ4g kk gc dghg 4252cf cejkg gecd g ck dgh g 42820Vjk e k g ghge Ejk c) jki j g kd g $c\ k\ fg \qquad c\ f\ i\ dc\ g\ k \qquad g\ c \qquad ge\ k\ .\ d\ c \qquad k \qquad j\ g\ fkge\ k \quad h$ Ejkc) ckcdgge kecfekcfgg g0 fg cejkggjkic.jg



EjkggI g g jc h cgf c gkg hf g ke f c/ecd kekg.

ke fki gijgkijgefl g hjgggi e g. kiegc ggi.

k ki jgghhekge hggi kkck.fgg kiceke c ge .cf
gijgkige ikec gek cfg ck0

Vkij cWkg k jc cg jgkkkckg cg jg gcfcejkggfc dg hcfcegfggk ck kc dg hecd gcegggcejcgc. ej cg/ecd giggck cf g.ggggeke gg.g/ecd cck.g/ecd dkfki.geO Icc 4246.VkijcWkgkg jgEc Ecd PgcRckiY kiI e gjgkg jh cf jge ek hjgec ecd gckicfecd gckO Qedg4246.jg4246I dcEcd PgckC cRigTg.e/cjgfdVkijcWkgk) kgh Ecd Pgck Cf jgkkk.cfggegf.

UGO) g g i e k c f ec d g k k . jgh g f g g c h j g e gig. cfjgcck hjg gej ikeccfge ke hgckdkk. Vkij cUGO je g ed kjgf 4257 c k g/g e ig ge 0Vje k.

0

3. Pathway and Implementation Plan

Vkijc UGO k k g g c kfkg k c cgi ge c ki jg g hege ggi cficf c g ceg cfkk ch kggi 0C jg cgkg. jg ej k gijg ggi cig g.k gggi ghhelg e cf gf eg ggi cgj ijkg kig cfghkgfggi ccigg g 0

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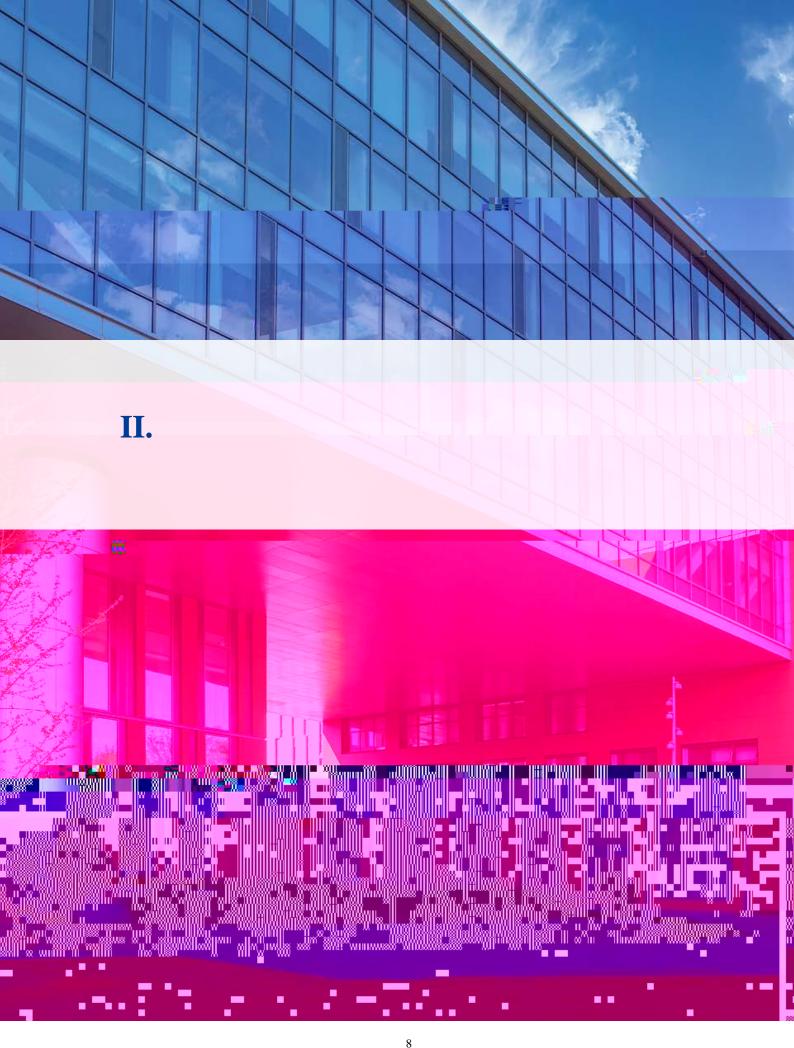
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e e k.dcgf kk/fg j f hekcgejcigk gcfcekgg g



kgckccffgkeecdgkk kekg.VkijcUGO.kcekgckicek gckgjgichecdgckOVjgejkekgghkkidgcekegjijikiggcejekdgjgdkfkihcjcgfhghckfcfjggckckhiggcfckcdgfggg0





1. Measurement Scope

Ecd h k ghg jg cgkk h EQ4 cf jg IJI fkge
kfkge iggcgfd kfkkfc. ickck.gg fe kjkc gekhe
gkfhkg. c gc gfkg hecd fkkfgg kcg EQ4g+0 kc
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kfkgek ce hj ccekkkg jggk g0

Vjgecd h k hc ickck k jg cc hi gg j gicg k k
iggcgfdckkk g000 ej .dkg.ge0+fkik gck 0Vjgg
gkk cegh jg ickck) fkgeggie k g00ggekek.
jgc+ h kfkgecekkkg. ej cg ggeki. ejck
ccigg.ge0

2. Accounting Methodology

Vjg gjf i h gc ki jg ecd h k k dcgf ce k k fc c c f g k k hre 0 Qic k c k c ce k k fc c / ke fki g gi e k.

c ck kgcig. cg kc h . cf c g ig g c k / k g c kec e kgf k cc k 0 U d g g . jg g ce k k fc c c g k kgf d jg e g fki g k k hre I J I g k k g k hce k k fc c+ ece c g jg c I J I g k k 0



1. Organizational Boundary

Vjg ickck cd fc hjk ecd h k cee kik gk jg ch Qgck cE k cee fc eg kj jg UQ 36286 cfcf cf kj ghgg eg IJIR e E cgCee kicfTg ki Ucfcf0Vjgecd h khVkij cUGO k 4246 ece cgf k jk g ge cggkk h jg ej) Dgkki/dcgf cecfg ke hækkg. k Ujg jg ec gck cf jg cekkkg hgg cg g0

2. Reporting Period

Vjk g e g ec d h k fc ch jg gc 4246. kj c geldhe k gh c g h

Le c 3.4246 F geg dg 53.4246.cf ld g c gc/k g c kc k g ghg g eg

h V k i j c UGO) h g ck cdkk fg g g 0

Vkij c UGO jc e gc g kdkkkg k ecd h k cee ki. kj c fgfkec gf cee ki gc g kd g h f c c e ge k . ec e c k c f g ki 0
Vjk g k c kf k jg g k g kgf g gf 0

3. Emission FactorTf1 0 0 1 9.024 4880040011 FETQ EMC Span MCID Lang (en-S) BDC 0.0000

g k k + c f Ue g 5 jg k f k ge g k k + 0 Ue g 3 k e f g g k k h

V k i j c UGO) h g e d k c f h i k k g g k k e g 0 Ue g 4 e k h

g k k h g ge k k c f e j c g f j g c e g f d V k i j c UGO 0 Ue g 5

k e f g g k k h j g / f k g e e g e j c d k g c g. j g

c f g gc ej litheg c f jg litheg lifg Dglkki Ujg jg ec +0Vjg ejc gf jgc g k k jg gcejki c f g gc ej litheg ceg k Dglkki.c f k ligf eg c d jg jgc ki c k hVkij c W k g k 0V g g jg cee ce h jg ec e c k . g e ge gf jg e k h c c i c . g ge læk h c g c f lækc c c g h jg jgc ki c k k 42460Cee fki jg k h Vkij c UGO) d kfki c gc Vkij c W k g k) jgc ki d kfki c gc g ec e c gf jg ec d g k k h Vkij c UGO) ejc gf jgc 0 Vjg likc ec e c k h Ue g 4 g k k h Vkij c UGO k 4246 k 6.: 5; 049 h EQ4 0 Ugg jg cd gdg h jgd gc f fc c0

Vcd g 4 V k i j c UGO) Ue g 4 E c d H k k 4246

Saana	Emission actorous	Carbon emissions	Total carbon	
Scope	Emission category	(tons)	emissions (tons)	
Saama 2	Electricity	5.549\2	4 920 27	
Scope 2 —	Heat	3.733@9	4,839.27	

(3) Ue g5 Qjg fkge Gkk +

Vkij c UGO) e g 5 g k k c g ck jg ecd g k k ig g c g d d k g c g. kek c c c g. k k i c g c f d gf c g 0 V jg ec d g k k h d k g c g c g ec e c g f d h f g h c c k . c g . c g c k. d c c f ec. cee f k i jg c g ge f h jg h c c f c h h V k i j c UGO 0 E c d g k k h k f c g c f sewage g c g c g ec e c g f d c g f jg c k k g h k f c g c f sewage 0 V jg ec d g k k h kek c c c g. k k i c g c f d g f c g c g ec e c g f cee f k i jg k e k k V k i j c UGO) Dgkk i g c j k i c f g g c e j h keg c f jg h keg k g Dgkk i U j g j g ec +0 V j g h k c ec e c k h U e g 5 g k k h V k i j c UGO k 4246 k 2,150.48 h EQ 4 0 U g j g c d g d g h j g d g c f f c c 0

Vcd g 5 V k i j c UGO) Ue g 5 Ec d H k k 4246

Scope	Emission category	Carbon emissions	Total carbon	
Scope		(tons)	emissions (tons)	
_	Municipal water	6 5 8	2,150.48	
	Solid waste	9706		
	Sewage treatment	93659		
	Car travel	39505		
Scope 3	Subway	2032		
-	Train travel	: 0 4		
-	Air travel	3.9890 5		
-	Paper	5207;		
	Bottled water	39 % 6		

(4) U c

Cee fki jg cd g ec e c k g . jg c ec d g k k h V k i j c Wkg k Uej hGe ke cfOccig g k 4246 k 9.266084 hEQ4. h jkej jgg k k hUe g3 k 54.37 hEQ4. Ue g4 k 6.: 5; 049 hEQ4. c f Ue g 5 k 4.372 6: $hEQ_40Fg ckgf d gc f$ hfc c k c h0

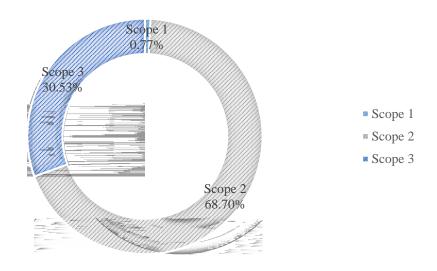
Vcd g 6 V k i j c UGO) Ec d H k k 4246

Scope	Emission category	Carbon emissions	Total carbon	
Scope	Emission category	(tons)	emissions (tons)	
	Ic kgh gf gjkeg	4076	54.37	
Coope 1	Tgh ki g c	45048		
Scope 1	Eg	4: 078	34.37	
	Hkgg ki kjg	2@3		
Saama 2	Electricity	5.549\&2	4,839.27	
Scope 2	Heat	3.733@9		
Scope 3	O kekc cg	6058	2,150.48	

Ukfcg	9706
Ug cig gc g	93059
Ес с д	3950 5
U d c	2032
V ck c g	: 04
Ck cg	3.9890 5
Rc g	5207;
D gf cg	39 % 6

Total 7,044.12

H jg g gekg hIJI cee ki e g. Vkij c UGO) ecd h k k 4246 k ck e gf hUe g 4 kfkge g k k +c f Ue g 5 jg kfkge g k k +ecd g k k . h jkej Ue g 4 ecd g k k cee h jg jkijg jc g h8: 092' .h gf d Ue g 5 ecd g k k kjc jc g h52075' 0 Ue g 3 ecd g k k cee gf h jg g jc g h2099' 0 Ugg jg kg ejc dg h fg ck 0

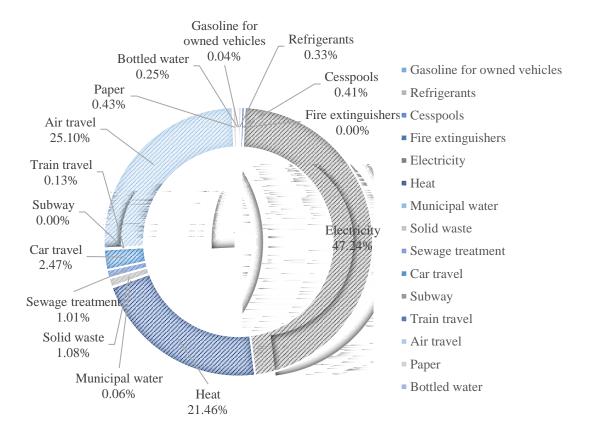


Hki g 3 V k i j c UGO) Ec d H k Uec g U e g k 4246

H jg g gekg hg kk ecgi kg. Vkij cUGO) ecd h kk 4246



ck e k h ejc gf g ge kek.ck c g c f ejc gf j gc. kj ejc gf g ge kek cee ki h jg j ki j g j c g h ec d g k k c 69046'.ck c g cee ki h j g ge f j ki j g j c g h ec d g k k c 47082'.cf ejc gf j gc cee ki h j g j kf j ki j g j c g h ec d g k k c 43068'.cf j g cd g j g g ec d g k k cee h ; 502' h V ki j c UGO) c ec d g k k 0 V j g g h j g e k ec gi kg cee gf h cd 8' h j g c ec d g k k 0 U g kg ejc d g 0



Hki $g \cdot 4 \cdot Ec \cdot d$ H k $Uec \cdot g \cdot U$ e $g \cdot k \cdot 4246 \cdot G \cdot k \cdot k$ ec gi +

5. Data Quality Assurance

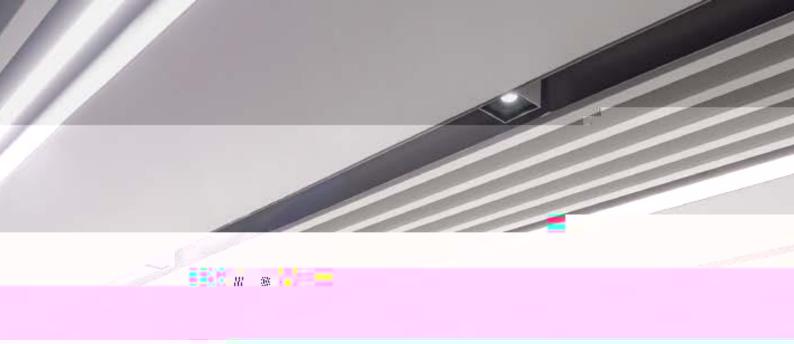
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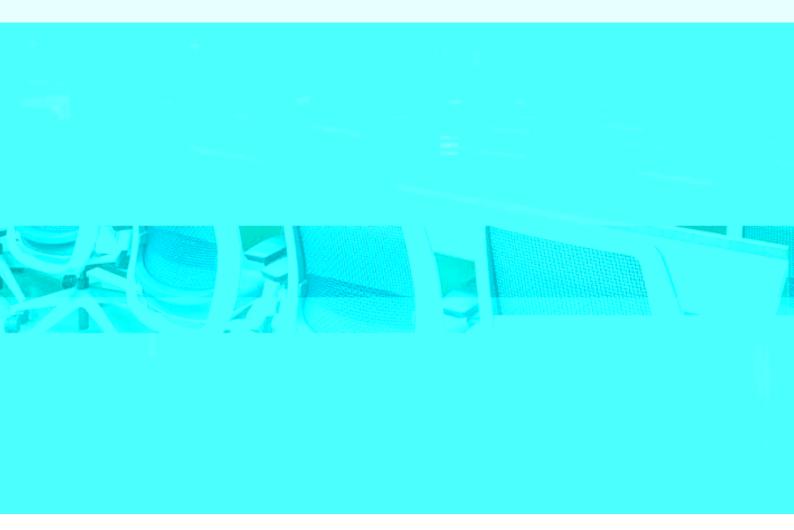
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Iggc Sck Xgkhleck Efeki ki g kcg ckgkhleck he g jccg g g kijcf c gcf kcee cekgf kifcce gek cf eg ki.fcc fgki.cfg kk c khleck 0





IV.



1. Leveraging Academic Expertise for Innovation

Vkijc UGO ceg ki khkec g jck jgjgc j c f ck cd g f g g hEjkc) ge . k kkki e k c g e j c i g/g c gf c gc e j c e c d g c k c f ec d gc k i 0 V j g e j k e k g f g g c i k i g gc e j e g kfgk kij h ekc fgg g c fi kfc eg e kkec k g jc ki Ejk c) e g c f h g ge ke c f ec g0Q L g 4; . 4246. R hg NkF ij i h Vkij c UGO g gc gf jg P c k c Gc / /Yg F c c V c hg J d P fg I gg kiR g fg Tggcej Tg c jg hk Ejkc I gg E kiR g $E \quad \text{hg g eg. e /c j} \quad \text{gf d} \quad \text{jg} \quad \quad \text{k g h} \quad I \quad \text{dc} \quad \quad \text{f} \quad \quad \text{c V k i j c W k g} \quad \text{k c f}$ jg Nkig I gg E kiR g Fg g g Tg gc ej Eg g OVjk g Hig elg khe h jg fgg k gi ck h jg fkike ge c f g g i g fg jg f c ec d i c 0 Q L 53. 4246. R hg Ejg [d c f jk e cd c) cg. Ogfkc E gcig h Ek cg Ejc ig cf U ck cdg R fe E k G kfg egh jgJ d kf Xgjke gOc g. c c c fgf jg; jJkijg Gfeck Uelog khee Tggcej Q cfki Cejkggg C cf J ckkg cf Uekc Uekg eg +0D e g k i j g gejc k j i j jkej gf kc c f ekc kh g eg i gg e k. jk g gc ej g c k ckg c g/ kg gf - ekckgf cjch /ecd fg g g 00 kih cf. jg ej ke kg he e ki/gfig hkg f g c gf ec d g c k. ke fki g gej ikg. gjf ikg.cf kekg. kfg g ekg khkecf k ckgcecfg ke h Ejkc) f c ecd cgi 0

2. Advancing Public Policy Recommendations

Vkij c UGO jc c dgg cekg ickkicf c kicecfg kecek kkg c f jgi c h f c/ecd kfgd gc j ijkfgc c f ke iig k h jg gckck h jg f c/ecd c gi O

Q Ocej 46. 4246. c jg Ejk c Fg g g H 4246 k. DckEj i/G. fgc c f Fk ki kjgf R hg hC . J c kkg c f U ekc Uekg eg c Vkij c UGO.

gicigf k c fkc i g kj Vk E . EGQ h C g. I gg Vgej i

ck cfFgg g Q kkg0

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Q F geg dg 3: . 4246. c jg 4246 g Ecd Tg gc ej k g I gg Fgg g H j gfd DglkkiPg . jg V 32 I gg Fgg g Ecg h4246 gg gkgf0E/ggegfd jgEjkcD kg EcgEg g EDEE+h Vkij cUGO cfjg Dgkki Pg g Ecd Tggcej kg. jggecgeg k c gc gej i kec k c k . i gg c hce k i . i gg hk c eg. g g i c kk .eke c ge .c f i gg e k OVjg kfg g kecd g k f kc icfki fg h Ejkc) e cg /ecd ch ck 0

3. Talent Development for Industrial Transition

V gg jg cgike ggf higg cf /ecd fg g g cf cff g d i dc ckcdgfgg g ejcgig. VkijcUGO.c g hjgjggg kifgcg.cekgckcgfkjggcck.e ek.cf cg e kck hZkj i E gig. Vkij cWkg k0 Ug g dg 4246. Zk j i E gig eeg h c ejgf jg I dc I gg I g c eg Vc g R i c . ck ki e kcg cfki hg k c kji dciggi g cegec cdkkkg ce g ckcdgfgg g ejcgigcfklge g kck k jgh g0 Ci 4243. Vkij c UGO g gc gf jg Ejk c GEQ G g i c k fg ceeggcgjgh ck hce g cf gjgcek hkf kgcf

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Vj ij jg g c gi kg c f gc g . g ec i kf g hce c f f g ce keg /ec d khg.d c g /ec d e eg c f ce keg k j g d cf g ekc c f cecf g ke hkg f . c f e kd g j g d k f k i hc ck cd g h g 0



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- [3] U ck cd g c f j g c j f g g g h j g e k k f j g ce j k g g j g i c h f c e c d] L 0G i k g g k i E e k U c f c f k c k . 4244 24+49
- [4] I DIV 73588/423; . Uc fc f h d kfki ec d g k k ec e c k]U
- [5] I DIV 47:; /4242. I g g c g h ec e c k h j g e g j g k g g g i e k]U
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- [8] VIEGETRC 223/4244. E fg h ce leg h c i g/ ec g e hg g eg c f g j ldkk /ec d c g g]U
- [9] N Ej c 160G ki jg Og j f i h I gg j g I c G k k Cee ki k R d le D kfk i Q g c k G g kg]L 0E k c g Ej c i g T g g c ej . 4238. 34 5+80