SORGENIA RENEWABLES S.R.L.

PROGETTO DEFINITIVO PER LA REALIZZAZIONE DI UN PARCO EOLICO IN LOCALITA' "REMPILLO" E OPERE CONNESSE NEL COMUNE DI PITIGLIANO (GR)

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ELABORATO	TITOLO	COMMESSA	TIPOLOGIA
C09	**CALCOLI PRILIMINARI DELLE STRUTTURE (Fondazioni Aerogeneratori)**	**23062**	**D**
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00	28/08/23	Emissione	Marseglia	Miglionico	Pomponio
01					
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06					

INDICE

1. PREMESSA

Oggetto della presente è la progettazione definitiva per la realizzazione di un parco eolico proposto dalla società **Sorgenia Renewables s.r.l. .**

La proposta progettuale è finalizzata alla realizzazione di un impianto per la produzione di energia elettrica da fonte rinnovabile eolica, costituito da 6 aerogeneratori, ciascuno di potenza nominale pari a 6,2 MW per una potenza complessiva di 37,2 MW e di un sistema di accumulo da 25 MW di potenza utile da realizzarsi nel comune di Pitigliano (GR), insieme alle relative opere di connessione per il collegamento alla RTN, mediante una Sottostazione di trasformazione utente con un trasformatore 132/30 kV.

Gli aerogeneratori saranno ad asse orizzontale, costituiti da un sistema tripala, con generatore di tipo asincrono o sincrono. Il tipo di aerogeneratore da utilizzare verrà scelto in fase di progettazione esecutiva dell'impianto, le dimensioni previste per l'aerogeneratore tipo sono: diametro del rotore 170 m, altezza mozzo 125 m.

Nella presente relazione verranno riportati i calcoli preliminari delle strutture di fondazione. In particolare si analizzano le azioni agenti sulla fondazione dell'aerogeneratore, verificando, in funzione delle caratteristiche geotecniche del terreno, la capacità portante dello stesso alle azioni agenti.

La torre, il generatore e la cabina di trasformazione andranno a scaricare su una struttura di fondazione in cemento armato del tipo indiretto su pali.

La fondazione viene calcolata in modo tale da poter sopportare il carico della macchina e il momento prodotto sia dal carico concentrato posto in testa alla torre che dall'azione cinetica delle pale in movimento.

Le verifiche di stabilità del terreno e delle strutture di fondazione sono state eseguite con i metodi ed i procedimenti della geotecnica, tenendo conto delle massime sollecitazioni sul terreno che la struttura trasmette.

Le strutture di fondazione sono dimensionate in conformità alla normativa tecnica vigente.

Tutti i calcoli di seguito riportati e la relativa scelta di materiali, sezioni e dimensioni andranno verificati in sede di progettazione esecutiva e potranno pertanto subire variazioni anche sostanziali per mantenere i necessari livelli di sicurezza.

2. NORMATIVE DI RIFERIMENTO

- Legge nr. 1086 del 05/11/1971.

Norme per la disciplina delle opere in conglomerato cementizio, normale e precompresso ed a struttura metallica.

- Legge nr. 64 del 02/02/1974.

Provvedimenti per le costruzioni con particolari prescrizioni per le zone sismiche.

- D.M. LL.PP. del 11/03/1988.

Norme tecniche riguardanti le indagini sui terreni e sulle rocce, la stabilitàdei pendii naturali e delle scarpate, i criteri generali e le prescrizioni per la progettazione, l'esecuzione e il collaudo delle opere di sostegno delle terre e delle opere di fondazione.

- D.M. LL.PP. del 14/02/1992.

Norme tecniche per l'esecuzione delle opere in cemento armato normale e precompresso e per le strutture metalliche.

- D.M. 9 Gennaio 1996

Norme Tecniche per il calcolo, l' esecuzione ed il collaudo delle strutture in cemento armato normale e precompresso e per le strutture metalliche

- D.M. 16 Gennaio 1996

Norme Tecniche relative ai 'Criteri generali per la verifica di sicurezza delle costruzioni e dei carichi e sovraccarichi'

- D.M. 16 Gennaio 1996

Norme Tecniche per le costruzioni in zone sismiche

- Circolare Ministero LL.PP. 15 Ottobre 1996 N. 252 AA.GG./S.T.C.

Istruzioni per l'applicazione delle Norme Tecniche di cui al D.M. 9 Gennaio 1996

- Circolare Ministero LL.PP. 10 Aprile 1997 N. 65/AA.GG.

Istruzioni per l'applicazione delle Norme Tecniche per le costruzioni in zone sismiche di cui al D.M. 16 Gennaio 1996

Norme Tecniche per le Costruzioni 2018 (D.M. 17 Gennaio 2018)

- CIRCOLARE 21 gennaio 2019, n. 7 C.S.LL.PP.

Istruzioni per l'applicazione dell'«Aggiornamento delle "Norme tecniche per le costruzioni"» di cui al decreto ministeriale 17 gennaio 2018.

3. RICHIAMI TEORICI - METODI DI ANALISI

Calcolo - Analisi ad elementi finiti

Per l'analisi platea si utilizza il metodo degli elementi finiti (FEM). La struttura viene suddivisa in elementi connessi fra di loro in corrispondenza dei nodi. Il campo di spostamenti interno all'elemento viene approssimato in funzione degli spostamenti nodali mediante le funzioni di forma. Il programma utilizza, per l'analisi tipo piastra, elementi quadrangolari e triangolari. Nel problema di tipo piastra gli spostamenti nodali sono lo spostamento verticale *w* e le rotazione intorno agli assi x e y, ϕ_x e ϕ_x, legati allo spostamento *w* tramite relazioni

$$\phi_x = -dw/dy$$

$$\phi_y = dw/dx$$

Note le funzioni di forma che legano gli spostamenti nodali al campo di spostamenti sul singolo elemento è possibile costruire la matrice di rigidezza dell'elemento $\mathbf{k_e}$ ed il vettore dei carichi nodali dell'elemento $\mathbf{p_e}$.
La fase di assemblaggio consente di ottenere la ottenere la matrice di rigidezza globale della struttura **K** ed il vettore dei carichi nodali **p**. La soluzione del sistema

$$\mathbf{K\,u} = \mathbf{p}$$

consente di ricavare il vettore degli spostamenti nodali **u**.
Dagli spostamenti nodali è possibile risalire per ogni elemento al campo di spostamenti ed alle sollecitazioni M_x, M_y ed M_{xy}.
Il terreno di fondazione se presente viene modellato con delle molle disposte in corrispondenza dei nodi. La rigidezza delle molle è proporzionale alla costante di sottofondo *k* ed all'area dell'elemento.
I pali di fondazione sono modellati con molle verticali aventi rigidezza pari alla rigidezza verticale del palo.

Per l'analisi tipo lastra (analisi della piastra soggetta a carichi nel piano) vengono utilizzati elementi triangolari a 6 nodi a deformazione quadratica. Gli spostamenti nodali sono gli spostamenti *u* e *v* nel piano XY. L'analisi fornisce in tal caso il campo di spostamenti orizzontali e le tensioni nel piano della lastra σ_x, σ_y e τ_{xy}. Dalle tensioni è possibile ricavare, noto lo spessore, gli sforzi normali N_x, N_y e N_{xy}.
Nell'analisi tipo lastra i pali di fondazione sono modellati con molle orizzontali in direzione X e Y aventi rigidezza pari alla rigidezza orizzontale del palo.

Nel caso di platea nervata le nervature sono modellate con elementi tipo trave (con eventuale rigidezza torsionale) connesse alla piastra in corrispondenza dei nodi degli elementi.

Analisi dei pali

Per l'analisi della capacità portante dei pali occorre determinare alcune caratteristiche del terreno in cui si va ad operare. In particolare bisogna conoscere l'angolo d'attrito ϕ e la coesione *c*. Per pali soggetti a carichi trasversali è necessario conoscere il modulo di reazione laterale o il modulo elastico laterale.
La capacità portante di un palo viene valutata come somma di due contributi: portata di base (o di punta) e portata per attrito laterale lungo il fusto. Cioè si assume valida l'espressione:

$$Q_T = Q_P + Q_L - W_P$$

dove:

Q_T portanza totale del palo

Q_P portanza di base del palo

Q_L portanza per attrito laterale del palo

W_P peso proprio del palo

e le due componenti Q_P e Q_L sono calcolate in modo indipendente fra loro.

Dalla capacità portante del palo si ricava il carico ammissibile del palo Q_A applicando il coefficiente di sicurezza della portanza alla punta η_p ed il coefficiente di sicurezza della portanza per attrito laterale η_l.

Palo compresso:

$$Q_A = Q_p / \eta_p + Q_l / \eta_l - W_p$$

Palo teso:

$$Q_A = Q_l / \eta_l + W_p$$

Capacità portante di punta

In generale la capacità portante di punta viene calcolata tramite l'espressione:

$$Q_P = A_P(cN'_c + qN'_q)$$

dove A_P è l'area portante efficace della punta del palo, *c* è la coesione, *q* è la pressione geostatica alla quota della punta del palo, γ è il peso di volume del terreno, *D* è il diametro del palo ed i coefficienti N'_c N'_q sono i coefficienti delle formule della capacità portante corretti per tener conto degli effetti di forma e di profondità. Possono essere utilizzati sia i coefficienti di Hansen che quelli di Vesic con i corrispondenti fattori correttivi per la profondità e la forma.

Il parametro η che compare nell'espressione assume il valore:

$$\eta = \frac{1 + 2K_0}{3}$$

quando si usa la formula di Vesic e viene posto uguale ad 1 per le altre formule.

K_0 rappresenta il coefficiente di spinta a riposo che può essere espresso come: $K_0 = 1 - \sin\phi$.

Capacità portante per resistenza laterale

La resistenza laterale è data dall'integrale esteso a tutta la superficie laterale del palo delle tensioni tangenziali palo-terreno in condizioni limite:

$$Q_L = \text{integrale}_S \tau_a dS$$

dove τ_a è dato dalla relazione di Coulomb

$\tau_a = c_a + \sigma_h tg\delta$

dove c_a è l'adesione palo-terreno, δ è l'angolo di attrito palo-terreno, γ è il peso di volume del terreno, *z* è la generica quota a partire dalla testa del palo, *L* e *P* sono rispettivamente la lunghezza ed il perimetro del palo, K_s è il

coefficiente di spinta che dipende dalle caratteristiche meccaniche e fisiche del terreno dal suo stato di addensamento e dalle modalità di realizzazione del palo.

Portanza trasversale dei pali - Analisi ad elementi finiti

Nel modello di terreno alla Winkler il terreno viene schematizzato come una serie di molle elastiche indipendenti fra di loro. Le molle che schematizzano il terreno vengono caratterizzate tramite una costante elastica *K* espressa in Kg/cm^2/cm che rappresenta la pressione (in Kg/cm^2) che bisogna applicare per ottenere lo spostamento di 1 cm.
Il palo viene suddiviso in un certo numero di elementi di eguale lunghezza. Ogni elemento è caratterizzato da una sezione avente area ed inerzia coincidente con quella del palo.
Il terreno viene schematizzato come una serie di molle orizzontali che reagiscono agli spostamenti nei due versi. La rigidezza assiale della singola molla è proporzionale alla costante di Winkler orizzontale del terreno, al diametro del palo ed alla lunghezza dell'elemento. La molla, però, non viene vista come un elemento infinitamente elastico ma come un elemento con comportamento del tipo elastoplastico perfetto (diagramma sforzi-deformazioni di tipo bilatero). Essa presenta una resistenza crescente al crescere degli spostamenti fino a che l'entità degli spostamenti si mantiene al di sotto di un certo spostamento limite, X_{max} oppure fino a quando no si raggiunge il valore della pressione limite. Superato tale limite non si ha un incremento di resistenza. E' evidente che assumendo un comportamento di questo tipo ci si addentra in un tipico problema non lineare che viene risolto mediante una analisi al passo.

Disposizione delle armature

Le armature vengono disposte secondo due direzioni, una principale ed una secondaria. Per il calcolo delle stesse si fa riferimento ai valori nodali delle sollecitazioni ottenute dall'analisi ad elementi finiti. Per la disposizione delle stesse occorre suddividere la piastra in in numero di strisce opportuno nelle due direzioni.
Il programma utilizza strisce della larghezza di circa un metro.

Dati

Materiali

Simbologia adottata

n°	Indice materiale
Descrizione	Descrizione materiale
TC	Tipo calcestruzzo
Rck	Resistenza cubica caratteristica, espresso in [kg/cmq]
γ_{cls}	Peso specifico calcestruzzo, espresso in [kN/mc]
E	Modulo elastico calcestruzzo, espresso in [kg/cmq]
ν	Coeff. di Poisson
n	Coeff. di omogeneizzazione
TA	Tipo acciaio

n°	Descrizione	TC	Rck	γ_{cls}	E	ν	n	TA
			[kg/cmq]	*[kN/mc]*	*[kg/cmq]*			
1	Cls Pali	C25/30	305,91	24,52	320665,55	0.200	15.00	B450C
2	Piastra	C32/40	407,88	24,52	343054,09	0.200	15.00	B450C

Geometria

Coordinate contorno esterno

n°	X	Y	n°	X	Y	n°	X	Y	n°	X	Y
	[m]	*[m]*		*[m]*	*[m]*		*[m]*	*[m]*		*[m]*	*[m]*
1	25,50	11,50	2	25,43	12,87	3	25,23	14,23	4	24,90	15,56
5	24,43	16,86	6	23,85	18,10	7	23,14	19,28	8	22,32	20,38
9	21,40	21,40	10	20,38	22,32	11	19,28	23,14	12	18,10	23,85
13	16,86	24,43	14	15,56	24,90	15	14,23	25,23	16	12,87	25,43
17	11,50	25,50	18	10,13	25,43	19	8,77	25,23	20	7,44	24,90
21	6,14	24,43	22	4,90	23,85	23	3,72	23,14	24	2,62	22,32
25	1,60	21,40	26	0,68	20,38	27	-0,14	19,28	28	-0,85	18,10
29	-1,43	16,86	30	-1,90	15,56	31	-2,23	14,23	32	-2,43	12,87
33	-2,50	11,50	34	-2,43	10,13	35	-2,23	8,77	36	-1,90	7,44
37	-1,43	6,14	38	-0,85	4,90	39	-0,14	3,72	40	0,68	2,62
41	1,60	1,60	42	2,62	0,68	43	3,72	-0,14	44	4,90	-0,85
45	6,14	-1,43	46	7,44	-1,90	47	8,77	-2,23	48	10,13	-2,43
49	11,50	-2,50	50	12,87	-2,43	51	14,23	-2,23	52	15,56	-1,90
53	16,86	-1,43	54	18,10	-0,85	55	19,28	-0,14	56	20,38	0,68
57	21,40	1,60	58	22,32	2,62	59	23,14	3,72	60	23,85	4,90
61	24,43	6,14	62	24,90	7,44	63	25,23	8,77	64	25,43	10,13

Spessori piastra

Simbologia adottata
Sp Spessore, espresso in [cm]
n° Indice del punto
X, Y Ascissa e ordinata del punto, espresso in [cm]

Sp	n°	X	Y	n°	X	Y	n°	X	Y	n°	X	Y
[cm]		*[m]*	*[m]*		*[m]*	*[m]*		*[m]*	*[m]*		*[m]*	*[m]*
120,00	1	-2,50	-2,50	2	25,50	-2,50	3	25,50	25,50	4	-2,50	25,50
200,00	1	10,59	2,25	2	12,41	2,25	3	14,20	2,61	4	15,88	3,31
	5	17,39	4,32	6	18,68	5,61	7	19,69	7,12	8	20,39	8,80
	9	20,75	10,59	10	20,75	12,41	11	20,39	14,20	12	19,69	15,88
	13	18,68	17,39	14	17,39	18,68	15	15,88	19,69	16	14,20	20,39
	17	12,41	20,75	18	10,59	20,75	19	8,80	20,39	20	7,12	19,69
	21	5,61	18,68	22	4,32	17,39	23	3,31	15,88	24	2,61	14,20
	25	2,25	12,41	26	2,25	10,59	27	2,61	8,80	28	3,31	7,12
	29	4,32	5,61	30	5,61	4,32	31	7,12	3,31	32	8,80	2,61
350,00	1	11,05	6,96	2	11,95	6,96	3	12,82	7,14	4	13,65	7,48
	5	14,39	7,98	6	15,02	8,61	7	15,52	9,35	8	15,86	10,18
	9	16,04	11,05	10	16,04	11,95	11	15,86	12,82	12	15,52	13,65
	13	15,02	14,39	14	14,39	15,02	15	13,65	15,52	16	12,82	15,86
	17	11,95	16,04	18	11,05	16,04	19	10,18	15,86	20	9,35	15,52
	21	8,61	15,02	22	7,98	14,39	23	7,48	13,65	24	7,14	12,82
	25	6,96	11,95	26	6,96	11,05	27	7,14	10,18	28	7,48	9,35
	29	7,98	8,61	30	8,61	7,98	31	9,35	7,48	32	10,18	7,14

Tipologie pali

Simbologia adottata
n° Indice tipologia
Descrizione Descrizione tipologia
Geometria Geometria tipologia (Pali in c.a o Pali in acciaio)
Armatura Tipologia armatura per pali in c.a.
Portanza Aliquote contributi portanza (solo Punta, solo Laterale, Entrambe)
Vincolo Grado di vincolo alla testa del palo (Incastro o Cerniera)
TC Tipologia costruttiva del palo (Trivellato o Infisso)
Mat Indice materiale tipologia palo
Pt Pressione quota testa palo, espressa in [kg/cmq]

n°	Descrizione	Geometria	Armatura	Portanza	Vincolo	TC	Mat	Pt
								[kg/cmq]
1	Tipologia 1	Pali circolari in c.a.	Ferri longitudinali + spirale	Entrambe	Incastro	Trivellato	1	0,00

Caratteristiche pali

Simbologia adottata

n°	Indice palo
X	Ascissa palo, espressa in [m]
Y	Ordinata palo, espressa in [m]
d	Diametro palo, espresso in [cm]
l	Lunghezza palo, espressa in [m]
nodo	Indice nodo su cui è posizionato il palo
It	Indice tipologia palo

n°	X	Y	D	L	Nodo	It
	[m]	*[m]*	*[cm]*	*[m]*		
1	23,00	11,50	150,00	30,00	16	1
2	22,44	15,05	150,00	30,00	57	1
3	20,80	18,26	150,00	30,00	110	1
4	18,26	20,80	150,00	30,00	160	1
5	15,05	22,44	150,00	30,00	238	1
6	11,50	23,00	150,00	30,00	294	1
7	7,95	22,44	150,00	30,00	346	1
8	4,74	20,80	150,00	30,00	383	1
9	2,20	18,26	150,00	30,00	421	1
10	0,56	15,05	150,00	30,00	454	1
11	0,00	11,50	150,00	30,00	449	1
12	0,56	7,95	150,00	30,00	425	1
13	2,20	4,74	150,00	30,00	372	1
14	4,74	2,20	150,00	30,00	323	1
15	7,95	0,56	150,00	30,00	268	1
16	11,50	0,00	150,00	30,00	210	1
17	15,05	0,56	150,00	30,00	155	1
18	18,26	2,20	150,00	30,00	82	1
19	20,80	4,74	150,00	30,00	40	1
20	22,44	7,95	150,00	30,00	8	1

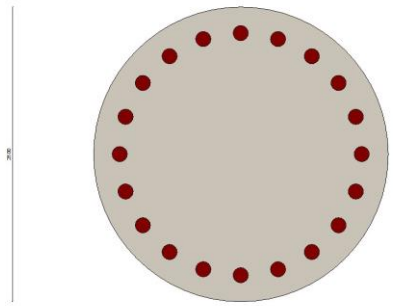

Fig. 1 - Geometria

Descrizione terreni

Caratteristiche fisico meccaniche

Simbologia adottata

Descrizione	Descrizione terreno
γ	Peso di volume del terreno espresso in [kN/mc]
γ_{sat}	Peso di volume saturo del terreno espresso in [kN/mc]
ϕ	Angolo di attrito interno del terreno espresso in gradi
δ	Angolo di attrito palo-terreno espresso in gradi
c	Coesione del terreno espressa in [kg/cmq]
ca	Adesione del terreno espressa in [kg/cmq]
τ_l	Tensione tangenziale, per calcolo portanza micropali con il metodo di Bustamante-Doix, espressa in [kg/cmq]
α	Coeff. di espansione laterale

Descrizione	γ [kN/mc]	γsat [kN/mc]	Parametri	ϕ [°]	δ [°]	c [kg/cmq]	ca [kg/cmq]	τl [kg/cmq]	α
Terreno 1	14.300	14.300	Caratteristici	27.00	18.00	0.000	0.000	1.006	1.50
			Minimi	27.00	18.00	0.000	0.000	1.006	
			Medi	27.00	18.00	0.000	0.000	1.006	
Terreno 2	15.500	16.000	Caratteristici	28.00	18.67	0.000	0.000	1.006	1.90
			Minimi	28.00	18.67	0.000	0.000	1.006	
			Medi	28.00	18.67	0.000	0.000	1.006	
Terreno 3	18.700	19.700	Caratteristici	38.00	25.33	0.000	0.000	0.000	1.00
			Minimi	38.00	25.33	0.000	0.000	0.000	
			Medi	38.00	25.33	0.000	0.000	0.000	

Descrizione stratigrafia e falda

Simbologia adottata

N	Identificativo strato
Z1	Quota dello strato in corrispondenza del punto di sondaggio n°1 espressa in [m]
Z2	Quota dello strato in corrispondenza del punto di sondaggio n°2 espressa in [m]
Z3	Quota dello strato in corrispondenza del punto di sondaggio n°3 espressa in [m]
Terreno	Terreno associato allo strato
Ks	Coefficiente di spinta
Kw	Costante di Winkler orizzontale espressa in [Kg/cm^2/cm]
α	Coeff. di sbulbatura

	Colonna 1	Colonna 2	Colonna 3
X [m]	0.00	10.00	0.00
Y [m]	0.00	0.00	10.00

N	Z1 [m]	Z2 [m]	Z3 [m]	Terreno	Ks	Ksp	Kw [Kg/cm^2/cm]	α
1	-3.0	-3.0	-3.0	Terreno 1	0.000	2.460	1.000	1.000
2	-4.0	-4.0	-4.0	Terreno 2	0.000	3.700	1.500	1.000
3	-30.0	-30.0	-30.0	Terreno 3	0.000	0.000	0.000	1.000

Falda

Profondità dal piano campagna 10,00 [m]

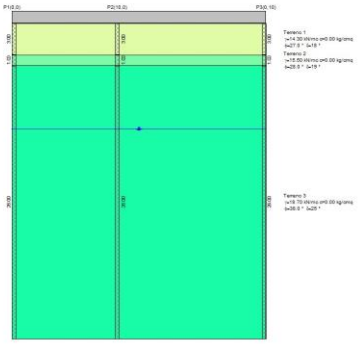

Fig. 2 - Stratigrafia

Costante di Winkler

Direzione	Simbolo	Kw [Kg/cm^2/cm]
Verticale	Kwv	0.000
Orizzontale	Kwo	Calcolata dal programma (Kwo=Kwv*tan(ϕ))

Convenzioni adottate

Carichi e reazioni vincolari

Fz Carico verticale positivo verso il basso
Fx Forza orizzontale in direzione X positiva nel verso delle X crescenti.
Fy Forza orizzontale in direzione Y positiva nel verso delle Y crescenti.
Mx Momento con asse vettore parallelo all'asse X positivo antiorario.
My Momento con asse vettore parallelo all'asse Y positivo antiorario.

Sollecitazioni

Mx Momento flettente X con asse vettore parallelo all'asse Y (positivo se tende le fibre inferiori).
My Momento flettente Y con asse vettore parallelo all'asse X (positivo se tende le fibre inferiori).
Mxy Momento flettente XY.

Condizioni di carico

Carichi concentrati
Simbologia adottata

Ic	Indice carico
X	Ascissa carico espressa in [m]
Y	Ordinata carico espressa in [m]
N	Carico verticale espresso in [kN]
Mx	Momento intorno all'asse X espresso in [kNm]
My	Momento intorno all'asse Y espresso in [kNm]
Tx	Forza orizzontale in direzione X espressa in [kN]
Ty	Forza orizzontale in direzione Y espressa in [kN]

Condizione n° 1 - Condizione 1 [Variabile - Ψ_0=1.00 Ψ_1=1.00 Ψ_2=1.00 - Partecipa al sisma]
Carichi concentrati

Oggetto	X	Y	N	Mx	My	Tx	Ty
	[m]	*[m]*	*[kN]*	*[kNm]*	*[kNm]*	*[kN]*	*[kN]*
Piastra	11,50	11,50	8518,000	0,000	0,000	0,000	1900,000
Piastra	11,50	14,50	41500,000	0,000	0,000	150,000	0,000
Piastra	11,50	8,50	-41500,000	0,000	0,000	-150,000	0,000

Condizione n° 2 - Condizione 2 [Variabile - Ψ_0=1.00 Ψ_1=1.00 Ψ_2=1.00 - Partecipa al sisma]

Carichi concentrati

Oggetto	X	Y	N	Mx	My	Tx	Ty
	[m]	*[m]*	*[kN]*	*[kNm]*	*[kNm]*	*[kN]*	*[kN]*
Piastra	11,50	11,50	7707,000	0,000	0,000	1320,000	0,000
Piastra	14,50	11,50	31200,000	0,000	0,000	50,000	0,000
Piastra	8,50	11,50	-31200,000	0,000	0,000	-50,000	0,000

Condizione n° 3 - Condizione 3 [Variabile - Ψ_0=1.00 Ψ_1=1.00 Ψ_2=1.00 - Partecipa al sisma]

Carichi concentrati

Oggetto	X	Y	N	Mx	My	Tx	Ty
	[m]	*[m]*	*[kN]*	*[kNm]*	*[kNm]*	*[kN]*	*[kN]*
Piastra	11,50	11,50	7545,000	0,000	0,000	1010,000	0,000
Piastra	11,50	8,50	-23350,000	0,000	0,000	-835,000	0,000
Piastra	11,50	14,50	23350,000	0,000	0,000	835,000	0,000

Peso proprio

Oggetto	Pt
	[kN]
Piastra	25754.4306

Normativa - Coefficienti di sicurezza

Coefficienti parziali per le azioni o per l'effetto delle azioni

CARICHI	EFFETTO	Coefficiente parziale	(A1) - STR
Permanenti	Favorevole	$\gamma_{G1,fav}$	1.00
Permanenti	Sfavorevole	$\gamma_{G1,sfav}$	1.30
Permanenti non strutturali	Favorevole	$\gamma_{G2,fav}$	0.80
Permanenti non strutturali	Sfavorevole	$\gamma_{G2,sfav}$	1.50
Variabili	Favorevole	$\gamma_{Qi,fav}$	0.00
Variabili	Sfavorevole	$\gamma_{Qi,sfav}$	1.50
Variabili traffico	Favorevole	$\gamma_{Q,fav}$	0.00
Variabili traffico	Sfavorevole	$\gamma_{Q,sfav}$	1.35

Coefficienti parziali per i parametri geotecnici del terreno

PARAMETRO	GRANDEZZA	Coefficiente parziale	(M1)
Tangente dell'angolo di resistenza al taglio	tan ϕ'_k	$\gamma_{\phi'}$	1.00
Coesione efficace	c'_k	$\gamma_{c'}$	1.00
Resistenza non drenata	c_{uk}	γ_{cu}	1.00

Coefficienti parziali γ_R da applicare alle resistenze caratteristiche (Pali trivellati)

Resistenza	γ_R	(R1)	(R2)	(R3)
Base	γ_b	1.00	1.70	1.35
Laterale in compressione	γ_s	1.00	1.45	1.15
Totale	γ_t	1.00	1.60	1.30
Laterale in trazione	γ_{st}	1.00	1.60	1.25

Coefficienti parziali γ_T per le verifiche agli stati limite ultimi di pali soggetti a carichi trasversali

γ_T	(R1)	(R2)	(R3)
γ_T	1.00	1.60	1.30

Fattori di correlazione ξ per la determinazione della resistenza caratteristica in funzione del numero di verticali indagate

Numero di verticali indagate	ξ_3	ξ_4
1	1.70	1.70

Coefficienti amplificativi γ_{Rd} in funzione della classe di duttilità

γ_{Rd}	Fondazione	Bicchieri
γ_{Rd}	1.10	1.20

Elenco combinazioni di calcolo

Numero combinazioni definite 4

Simbologia adottata
CP Coefficiente di partecipazione della condizione

Combinazione n° 1 - - STR - A1-M1-R3

Condizione	CP
Peso proprio	1.30
Condizione 1	1.00

Combinazione n° 2 - - STR - A1-M1-R3

Condizione	CP
Peso proprio	1.30
Condizione 2	1.00

Combinazione n° 3 - - STR - A1-M1-R3

Condizione	CP
Peso proprio	1.30
Condizione 3	1.00

Combinazione n° 4 - - STR - A1-M1-R3

Condizione	CP
Peso proprio	1.30

Impostazioni di analisi

Portanza verticale pali

Metodo calcolo portanza: Berezantzev
Andamento pressione verticale con la profondità per calcolo portanza di punta:
Pressione geostatica
Andamento pressione verticale con la profondità per calcolo portanza laterale:
Pressione geostatica

Portanza trasversale pali

Costante di Winkler: da strato

Rottura palo-terreno:
Pressione limite pari alla pressione passiva con moltiplicatore pari a 3.00

Cedimenti

Metodo calcolo cedimenti: Elementi finiti
Spostamento limite attrito laterale 0,50 [cm]
Spostamento limite punta 1,00 [cm]
Piastra infinitamente rigida

Fattore di rigidezza della sovrastruttura 0.00

Modello
Caratteristiche Mesh

Numero elementi	872
Numero nodi	469

Risultati Piastra
Risultati inviluppo
Spostamenti

Spostamenti massimi e minimi della piastra

Simbologia adottata

Ic	Indice della combinazione
w	Spostamento verticale, espresso in [cm]
u	Spostamento direzione X, espresso in [cm]
v	Spostamento direzione Y, espresso in [cm]
ϕx	Rotazione intorno all'asse X, espressa in [°]
ϕy	Rotazione intorno all'asse Y, espressa in [°]
p	Pressione sul terreno (solo per calcolo fondazione), espressa in [kg/cmq]
kw	Costante di Winkler (solo per calcolo fondazione), espressa in [kg/cm^2/cm]. Il valore viene stampato solo se si è utilizzato il modello di interazione

Tra parentesi l'indice del nodo in cui si sono misurati i valori massimi e minimi

	[m]	*[m]*					
242	11.45	16.71	w	0.388005	[cm]	1	MAX
265	11.50	-2.50		-0.055587		1	MIN
350	11.50	25.50	ux	0.249567	[cm]	3	MAX
244	12.87	-2.43		-0.015476		1	MIN
467	-2.50	11.50	uy	0.323089	[cm]	1	MAX
52	25.50	11.50		-0.086041		3	MIN
247	10.21	11.62	ϕx	0.000311	[°]	2	MAX
72	17.91	15.99		-0.000193		1	MIN
162	15.88	19.69	ϕy	0.000174	[°]	2	MAX
202	11.57	10.30		-0.000401		1	MIN

Sollecitazioni

Sollecitazioni massime e minime piastra

Simbologia adottata

In	Indice nodo modello
Mx	Momento X espresso in [kNm]
My	Momento Y espresso in [kNm]
Mxy	Momento XY espresso in [kNm]
Tx	Taglio X, espresso in [kN]
Ty	Taglio Y, espresso in [kN]
Nx	Tensione normale X espressa in [kg/cmq]
Ny	Tensione normale Y espressa in [kg/cmq]
Nxy	Tensione tangenziale XY espressa in [kg/cmq]

In	**X**	**Y**		**Valore**	**UM**	**Cmb**	
	[m]	*[m]*					
245	11.50	14.50	Mx	16967.7468	[kNm]	1	MAX
299	8.50	11.50		-9522.4709		2	MIN
245	11.50	14.50	My	18862.0618	[kNm]	1	MAX
197	11.50	8.50		-12727.2418		1	MIN
266	9.38	11.01	Mxy	2534.3943	[kNm]	1	MAX
133	14.01	10.29		-2526.4842		1	MIN
186	12.72	11.90	Nx	0.60	[kg/cmq]	2	MAX
247	10.21	11.62		-0.77		2	MIN
216	11.87	12.78	Ny	0.87	[kg/cmq]	1	MAX
202	11.57	10.30		-1.09		1	MIN
186	12.72	11.90	Nxy	0.41	[kg/cmq]	1	MAX
247	10.21	11.62		-0.48		1	MIN

Verifiche strutturali

Verifica a flessione

Simbologia adottata

Is	Identificativo tratto-sezione-direzione (P: direzione principale, S: direzione secondaria)
A_{fi}	Area di armatura lembo inferiore espressa in [cmq]
A_{fs}	Area di armatura lembo superiore espressa in [cmq]
M_u	Momento ultimo espresso in [kNm]
N_u	Sforzo normale ultimo espresso in [kN]
FS	Fattore di sicurezza

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
1-1-P	8.04	8.04	356.79	1.68	6.847
1-2-P	8.04	8.04	357.13	1.56	3.443
1-3-P	8.04	8.04	358.91	3.58	2.248
1-4-P	8.04	8.04	359.40	3.29	1.638
1-5-P	16.08	16.08	716.03	5.35	2.562
1-6-P	16.08	16.08	716.14	4.64	2.131
1-7-P	16.08	16.08	716.44	4.30	1.810
1-8-P	24.13	24.13	1072.71	5.96	2.335
1-9-P	24.13	24.13	1072.97	5.52	2.035
1-10-P	24.13	24.13	1073.33	5.33	1.797
1-11-P	32.17	32.17	1429.36	6.89	2.206
1-12-P	32.17	32.17	1429.38	6.41	2.061
1-13-P	32.17	32.17	1429.30	5.73	1.944
1-14-P	32.17	32.17	1429.23	5.06	1.838
1-15-P	32.17	32.17	1429.25	4.55	1.751
1-16-P	32.17	32.17	1429.26	4.24	1.705
1-17-P	32.17	32.17	1429.13	3.83	1.673
1-18-P	32.17	32.17	1428.94	3.29	1.635
1-19-P	40.21	40.21	1783.98	3.40	1.993
1-20-P	40.21	40.21	1783.42	2.18	1.936
1-21-P	40.21	40.21	1782.46	0.21	1.864
1-22-P	40.21	40.21	1781.33	-1.66	1.837
1-23-P	40.21	40.21	1780.65	-2.70	1.822
1-24-P	32.17	32.17	1425.72	-2.61	1.452
1-25-P	32.17	32.17	1425.41	-3.00	1.445
1-26-P	32.17	32.17	1425.16	-3.27	1.436
1-27-P	32.17	32.17	1424.88	-3.46	1.442
1-28-P	32.17	32.17	1424.40	-3.80	1.482
1-29-P	32.17	32.17	1423.86	-4.25	1.534
1-30-P	32.17	32.17	1423.33	-4.68	1.591
1-31-P	32.17	32.17	1422.90	-4.94	1.661
1-32-P	24.13	24.13	1068.41	-3.71	1.314
1-33-P	24.13	24.13	1067.93	-3.72	1.438
1-34-P	24.13	24.13	1067.35	-3.88	1.589
1-35-P	16.08	16.08	712.63	-2.70	1.184
1-36-P	16.08	16.08	712.08	-2.81	1.339
1-37-P	16.08	16.08	711.44	-3.10	1.532
1-38-P	16.08	8.04	704.74	-3.59	1.835
1-39-P	16.08	8.04	702.52	-3.79	2.438
1-40-P	8.04	8.04	355.16	-2.03	1.847
1-41-P	8.04	8.04	354.69	-2.14	3.687
2-1-P	16.08	8.04	702.93	3.96	7.657
2-2-P	8.04	8.04	358.33	2.05	1.934
2-3-P	16.08	16.08	715.41	4.24	2.682
2-4-P	16.08	16.08	716.35	4.28	2.108
2-5-P	24.13	24.13	1073.29	6.37	2.607
2-6-P	32.17	32.17	1430.22	8.42	2.960
2-7-P	32.17	32.17	1431.11	8.37	2.583
2-8-P	40.21	40.21	1788.02	10.67	2.932
2-9-P	40.21	40.21	1788.20	10.88	2.925
2-10-P	40.21	40.21	1788.22	10.92	2.938
2-11-P	40.21	40.21	1788.13	10.76	2.947
2-12-P	40.21	40.21	1794.76	23.06	2.954
2-13-P	40.21	40.21	1792.39	18.66	2.783
2-14-P	40.21	40.21	1790.13	14.48	2.630
2-15-P	40.21	40.21	1788.28	11.02	2.496
2-16-P	40.21	40.21	1786.92	8.50	2.384
2-17-P	40.21	40.21	1786.10	6.99	2.252
2-18-P	40.21	40.21	1785.85	6.52	2.150
2-19-P	40.21	40.21	1785.70	6.24	2.063
2-20-P	40.21	40.21	1785.53	5.92	1.981
2-21-P	40.21	40.21	1785.45	5.78	1.908
2-22-P	40.21	40.21	1786.68	8.06	1.879
2-23-P	40.21	40.21	1787.50	9.58	1.867
2-24-P	40.21	40.21	1787.62	9.81	1.862
2-25-P	40.21	40.21	1787.50	9.57	1.859
2-26-P	40.21	40.21	1786.73	8.15	1.879
2-27-P	40.21	40.21	1785.17	5.26	1.911
2-28-P	40.21	40.21	1783.68	2.48	1.888
2-29-P	40.21	40.21	1782.42	0.15	1.835
2-30-P	40.21	40.21	1781.20	-2.05	1.786
2-31-P	40.21	40.21	1779.88	-4.43	1.713
2-32-P	40.21	40.21	1778.61	-6.73	1.611
2-33-P	40.21	40.21	1778.05	-7.73	1.549

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
2-34-P	40.21	40.21	1778.02	-7.78	1.523
2-35-P	40.21	40.21	1778.20	-7.45	1.499
2-36-P	40.21	40.21	1778.95	-6.11	1.479
2-37-P	40.21	40.21	1780.00	-4.22	1.468
2-38-P	40.21	40.21	1780.00	-4.22	1.485
2-39-P	40.21	40.21	1779.94	-4.33	1.504
2-40-P	40.21	40.21	1779.90	-4.40	1.523
2-41-P	40.21	40.21	1779.80	-4.58	1.547
2-42-P	40.21	40.21	1779.33	-5.42	1.579
2-43-P	40.21	40.21	1778.60	-6.74	1.571
2-44-P	40.21	40.21	1777.68	-8.40	1.561
2-45-P	40.21	40.21	1776.67	-10.21	1.550
2-46-P	40.21	40.21	1775.74	-11.88	1.544
2-47-P	40.21	40.21	1775.42	-12.47	1.547
2-48-P	40.21	40.21	1775.33	-12.64	1.550
2-49-P	40.21	40.21	1775.34	-12.60	1.553
2-50-P	40.21	40.21	1775.40	-12.38	1.567
2-51-P	32.17	32.17	1421.21	-9.71	1.389
2-52-P	32.17	32.17	1420.22	-9.84	1.600
2-53-P	24.13	24.13	1065.71	-7.49	1.416
2-54-P	16.08	16.08	711.24	-5.07	1.150
2-55-P	16.08	16.08	710.32	-5.06	1.475
2-56-P	8.04	8.04	355.85	-2.48	1.078
2-57-P	16.08	8.04	698.65	-4.88	4.323
3-1-P	8.04	8.04	360.19	7.14	3.106
3-2-P	8.04	8.04	361.63	7.26	1.564
3-3-P	16.08	16.08	722.01	14.69	2.088
3-4-P	24.13	24.13	1082.69	23.01	2.436
3-5-P	32.17	32.17	1430.49	7.66	2.685
3-6-P	40.21	40.21	1787.38	9.36	2.873
3-7-P	40.21	40.21	1787.36	9.32	2.844
3-8-P	40.21	40.21	1787.39	9.38	2.814
3-9-P	40.21	40.21	1787.66	9.88	2.785
3-10-P	40.21	40.21	1787.98	10.48	2.757
3-11-P	40.21	40.21	1788.19	10.86	2.726
3-12-P	40.21	40.21	1788.27	11.01	2.697
3-13-P	40.21	40.21	1788.27	11.02	2.671
3-14-P	40.21	40.21	1788.99	12.34	2.680
3-15-P	40.21	40.21	1789.52	13.33	2.688
3-16-P	40.21	40.21	1789.85	13.94	2.692
3-17-P	40.21	40.21	1790.16	14.52	2.699
3-18-P	40.21	40.21	1789.31	12.95	2.876
3-19-P	40.21	40.21	1793.45	20.64	2.956
3-20-P	40.21	40.21	1790.47	15.09	2.856
3-21-P	40.21	40.21	1787.94	10.41	2.724
3-22-P	40.21	40.21	1785.82	6.46	2.505
3-23-P	40.21	40.21	1784.06	3.20	2.268
3-24-P	40.21	40.21	1782.59	0.47	2.064
3-25-P	40.21	40.21	1781.45	-1.60	1.899
3-26-P	40.21	40.21	1780.75	-2.86	1.776
3-27-P	40.21	40.21	1782.30	-0.07	1.728
3-28-P	40.21	40.21	1784.30	3.63	1.696
3-29-P	40.21	40.21	1786.28	7.32	1.669
3-30-P	40.21	40.21	1788.21	10.91	1.644
3-31-P	40.21	40.21	1788.02	10.55	1.669
3-32-P	40.21	40.21	1786.65	8.01	1.728
3-33-P	40.21	40.21	1785.17	5.26	1.787
3-34-P	40.21	40.21	1783.67	2.47	1.840
3-35-P	40.21	40.21	1782.38	0.08	1.858
3-36-P	40.21	40.21	1781.13	-2.19	1.740
3-37-P	40.21	40.21	1779.79	-4.59	1.607
3-38-P	40.21	40.21	1778.59	-6.75	1.482
3-39-P	40.21	40.21	1777.59	-8.55	1.369
3-40-P	40.21	40.21	1777.60	-8.55	1.304
3-41-P	40.21	40.21	1779.23	-5.59	1.298
3-42-P	40.21	40.21	1780.86	-2.67	1.291
3-43-P	40.21	40.21	1782.42	0.14	1.282
3-44-P	40.21	40.21	1783.49	2.14	1.278
3-45-P	40.21	40.21	1782.99	1.21	1.339
3-46-P	40.21	40.21	1782.21	-0.23	1.421
3-47-P	40.21	40.21	1781.20	-2.05	1.519
3-48-P	40.21	40.21	1780.06	-4.10	1.629
3-49-P	40.21	40.21	1778.80	-6.37	1.694
3-50-P	40.21	40.21	1777.52	-8.68	1.660
3-51-P	40.21	40.21	1776.26	-10.96	1.582
3-52-P	40.21	40.21	1775.09	-13.06	1.469
3-53-P	40.21	40.21	1774.26	-14.55	1.361
3-54-P	40.21	40.21	1774.49	-14.14	1.373
3-55-P	40.21	40.21	1774.75	-13.67	1.386
3-56-P	40.21	40.21	1775.27	-12.74	1.398
3-57-P	40.21	40.21	1776.02	-11.39	1.409
3-58-P	40.21	40.21	1775.89	-11.62	1.442
3-59-P	40.21	40.21	1775.86	-11.67	1.477
3-60-P	40.21	40.21	1776.00	-11.43	1.516
3-61-P	40.21	40.21	1776.28	-10.91	1.555
3-62-P	40.21	40.21	1776.51	-10.51	1.594
3-63-P	40.21	40.21	1776.40	-10.71	1.628
3-64-P	40.21	40.21	1776.22	-11.02	1.662
3-65-P	32.17	32.17	1421.29	-9.14	1.574
3-66-P	24.13	24.13	1066.22	-7.38	1.453
3-67-P	16.08	16.08	711.16	-5.32	1.282
3-68-P	16.08	8.04	704.04	-5.43	1.934
3-69-P	8.04	8.04	354.77	-2.82	1.981

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
4-1-P	16.08	16.08	717.11	9.78	4.805
4-2-P	16.08	16.08	719.00	10.56	2.399
4-3-P	24.13	24.13	1079.11	16.96	2.389
4-4-P	32.17	32.17	1439.49	24.07	2.422
4-5-P	40.21	40.21	1799.11	31.15	2.672
4-6-P	40.21	40.21	1799.34	31.57	2.651
4-7-P	40.21	40.21	1799.49	31.84	2.631
4-8-P	40.21	40.21	1799.66	32.16	2.618
4-9-P	40.21	40.21	1800.61	33.94	2.647
4-10-P	40.21	40.21	1801.56	35.69	2.678
4-11-P	40.21	40.21	1802.51	37.47	2.709
4-12-P	40.21	40.21	1803.48	39.26	2.740
4-13-P	40.21	40.21	1786.45	7.63	2.749
4-14-P	40.21	40.21	1785.81	6.45	2.643
4-15-P	40.21	40.21	1785.29	5.48	2.553
4-16-P	40.21	40.21	1784.93	4.81	2.481
4-17-P	40.21	40.21	1784.70	4.38	2.424
4-18-P	40.21	40.21	1785.03	5.00	2.390
4-19-P	40.21	40.21	1786.38	7.50	2.392
4-20-P	40.21	40.21	1787.47	9.52	2.402
4-21-P	40.21	40.21	1788.23	10.93	2.421
4-22-P	40.21	40.21	1788.29	11.05	2.482
4-23-P	40.21	40.21	1787.66	9.89	2.606
4-24-P	40.21	40.21	1786.37	7.48	2.796
4-25-P	40.21	40.21	1784.67	4.33	2.720
4-26-P	40.21	40.21	1782.81	0.88	2.490
4-27-P	40.21	40.21	1781.23	-2.00	2.277
4-28-P	40.21	40.21	1779.86	-4.47	2.085
4-29-P	40.21	40.21	1778.72	-6.52	1.913
4-30-P	40.21	40.21	1777.85	-8.09	1.762
4-31-P	40.21	40.21	1779.17	-5.72	1.685
4-32-P	40.21	40.21	1780.71	-2.93	1.622
4-33-P	40.21	40.21	1782.13	-0.37	1.562
4-34-P	40.21	40.21	1783.38	1.94	1.503
4-35-P	40.21	40.21	1784.59	4.19	1.452
4-36-P	40.21	40.21	1784.22	3.50	1.437
4-37-P	40.21	40.21	1783.67	2.47	1.422
4-38-P	40.21	40.21	1783.11	1.43	1.409
4-39-P	40.21	40.21	1782.56	0.40	1.397
4-40-P	40.21	40.21	1782.12	-0.39	1.353
4-41-P	40.21	40.21	1781.61	-1.31	1.288
4-42-P	40.21	40.21	1781.15	-2.14	1.228
4-43-P	40.21	40.21	1780.75	-2.87	1.174
4-44-P	40.21	40.21	1780.53	-3.26	1.128
4-45-P	40.21	40.21	1781.53	-1.45	1.121
4-46-P	40.21	40.21	1782.48	0.26	1.114
4-47-P	40.21	40.21	1783.41	1.99	1.107
4-48-P	40.21	40.21	1784.34	3.71	1.100
4-49-P	40.21	40.21	1785.05	5.03	1.100
4-50-P	40.21	40.21	1784.46	3.94	1.163
4-51-P	40.21	40.21	1783.75	2.61	1.230
4-52-P	40.21	40.21	1782.94	1.12	1.296
4-53-P	40.21	40.21	1782.06	-0.50	1.359
4-54-P	40.21	40.21	1781.08	-2.27	1.413
4-55-P	40.21	40.21	1779.55	-5.03	1.339
4-56-P	40.21	40.21	1778.18	-7.50	1.239
4-57-P	40.21	40.21	1777.49	-8.74	1.183
4-58-P	40.21	40.21	1777.48	-8.75	1.170
4-59-P	40.21	40.21	1778.22	-7.43	1.183
4-60-P	40.21	40.21	1779.35	-5.39	1.198
4-61-P	40.21	40.21	1780.81	-2.75	1.216
4-62-P	40.21	40.21	1781.14	-2.15	1.255
4-63-P	40.21	40.21	1780.82	-2.74	1.311
4-64-P	40.21	40.21	1780.33	-3.62	1.385
4-65-P	40.21	40.21	1779.64	-4.86	1.479
4-66-P	40.21	40.21	1778.77	-6.43	1.596
4-67-P	40.21	40.21	1777.70	-8.36	1.655
4-68-P	40.21	40.21	1776.63	-10.28	1.663
4-69-P	40.21	40.21	1775.59	-12.16	1.674
4-70-P	40.21	40.21	1774.60	-13.95	1.691
4-71-P	40.21	40.21	1773.66	-15.65	1.710
4-72-P	40.21	40.21	1773.51	-15.90	1.735
4-73-P	40.21	40.21	1773.56	-15.81	1.764
4-74-P	40.21	40.21	1773.65	-15.65	1.794
4-75-P	32.17	32.17	1419.65	-12.42	1.647
4-76-P	24.13	24.13	1064.88	-9.20	1.660
4-77-P	16.08	16.08	709.95	-6.07	1.711
4-78-P	8.04	8.04	354.99	-3.00	1.765
5-1-P	16.08	16.08	715.58	6.53	3.973
5-2-P	16.08	16.08	717.73	6.71	1.953
5-3-P	32.17	32.17	1433.44	13.70	2.549
5-4-P	40.21	40.21	1791.79	17.55	2.579
5-5-P	40.21	40.21	1792.19	18.30	2.537
5-6-P	40.21	40.21	1792.53	18.92	2.496
5-7-P	40.21	40.21	1792.68	19.20	2.454
5-8-P	40.21	40.21	1793.22	20.21	2.436
5-9-P	40.21	40.21	1793.90	21.46	2.431
5-10-P	40.21	40.21	1794.43	22.45	2.423
5-11-P	40.21	40.21	1795.02	23.55	2.417
5-12-P	40.21	40.21	1796.07	25.49	2.420
5-13-P	40.21	40.21	1797.15	27.51	2.423
5-14-P	40.21	40.21	1798.20	29.46	2.428
5-15-P	40.21	40.21	1799.19	31.30	2.437

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
5-16-P	40.21	40.21	1800.08	32.95	2.452
5-17-P	40.21	40.21	1800.81	34.29	2.459
5-18-P	40.21	40.21	1801.52	35.62	2.462
5-19-P	40.21	40.21	1782.83	0.91	2.420
5-20-P	40.21	40.21	1781.96	-0.68	2.288
5-21-P	40.21	40.21	1781.55	-1.43	2.187
5-22-P	40.21	40.21	1782.02	-0.57	2.153
5-23-P	40.21	40.21	1782.42	0.14	2.154
5-24-P	40.21	40.21	1782.69	0.65	2.179
5-25-P	40.21	40.21	1782.96	1.14	2.206
5-26-P	40.21	40.21	1783.23	1.65	2.234
5-27-P	40.21	40.21	1783.49	2.13	2.263
5-28-P	40.21	40.21	1783.39	1.96	2.305
5-29-P	40.21	40.21	1782.34	0.00	2.247
5-30-P	40.21	40.21	1782.34	0.00	2.158
5-31-P	40.21	40.21	1778.93	-6.14	2.062
5-32-P	40.21	40.21	1778.34	-7.21	1.934
5-33-P	40.21	40.21	1778.09	-7.66	1.817
5-34-P	40.21	40.21	1778.66	-6.63	1.706
5-35-P	40.21	40.21	1779.20	-5.65	1.604
5-36-P	40.21	40.21	1779.82	-4.54	1.516
5-37-P	40.21	40.21	2028.31	-4.20	1.638
5-38-P	40.21	40.21	2029.28	-2.66	1.560
5-39-P	40.21	48.25	2033.72	-1.03	1.494
5-40-P	40.21	48.25	2033.71	-1.05	1.449
5-41-P	40.21	48.25	1923.12	-0.96	1.330
5-42-P	40.21	48.25	1923.35	-0.57	1.282
5-43-P	40.21	40.21	1920.42	-0.07	1.232
5-44-P	40.21	48.25	1923.93	0.40	1.188
5-45-P	40.21	48.25	1924.10	0.70	1.145
5-46-P	40.21	48.25	2034.81	0.71	1.168
5-47-P	40.21	48.25	2034.77	0.65	1.131
5-48-P	40.21	40.21	2032.05	1.78	1.118
5-49-P	40.21	40.21	2032.62	2.71	1.106
5-50-P	48.25	40.21	2134.55	3.32	1.147
5-51-P	48.25	40.21	2134.85	3.88	1.131
5-52-P	48.25	40.21	2135.03	4.23	1.115
5-53-P	48.25	40.21	2135.19	4.53	1.100
5-54-P	48.25	40.21	2134.93	4.03	1.109
5-55-P	48.25	40.21	2134.51	3.25	1.126
5-56-P	48.25	40.21	2134.20	2.66	1.144
5-57-P	48.25	40.21	2133.98	2.27	1.161
5-58-P	48.25	40.21	2133.85	2.01	1.181
5-59-P	48.25	40.21	2133.86	2.03	1.189
5-60-P	40.21	40.21	1783.53	2.20	1.002
5-61-P	40.21	40.21	1783.81	2.74	1.010
5-62-P	40.21	40.21	1784.11	3.28	1.017
5-63-P	40.21	40.21	1784.42	3.87	1.026
5-64-P	40.21	40.21	1784.91	4.78	1.050
5-65-P	40.21	40.21	1785.57	5.99	1.099
5-66-P	40.21	40.21	1785.37	5.62	1.193
5-67-P	40.21	40.21	1784.65	4.28	1.316
5-68-P	40.21	40.21	1783.76	2.63	1.462
5-69-P	40.21	40.21	1782.74	0.74	1.628
5-70-P	40.21	40.21	1781.43	-1.64	1.814
5-71-P	40.21	40.21	1779.80	-4.57	1.819
5-72-P	40.21	40.21	1778.13	-7.59	1.784
5-73-P	40.21	40.21	1776.47	-10.57	1.741
5-74-P	40.21	40.21	1774.93	-13.34	1.691
5-75-P	40.21	40.21	1773.58	-15.78	1.649
5-76-P	40.21	40.21	1773.36	-16.18	1.660
5-77-P	40.21	40.21	1773.48	-15.97	1.691
5-78-P	40.21	40.21	1773.59	-15.77	1.727
5-79-P	40.21	40.21	1773.76	-15.46	1.787
5-80-P	40.21	40.21	1774.03	-14.98	1.881
5-81-P	40.21	40.21	1774.27	-14.54	1.974
5-82-P	40.21	40.21	1774.47	-14.17	2.068
5-83-P	32.17	32.17	1419.77	-11.35	2.104
5-84-P	16.08	16.08	710.92	-5.75	1.665
5-85-P	8.04	8.04	355.44	-2.92	1.758
6-1-P	24.13	24.13	1071.92	7.76	5.084
6-2-P	24.13	24.13	1074.23	7.91	2.490
6-3-P	40.21	40.21	1789.40	13.32	2.767
6-4-P	40.21	40.21	1789.22	12.77	2.651
6-5-P	40.21	40.21	1788.87	12.13	2.576
6-6-P	40.21	40.21	1788.55	11.52	2.504
6-7-P	40.21	40.21	1788.34	11.15	2.432
6-8-P	40.21	40.21	1788.28	11.02	2.364
6-9-P	40.21	40.21	1788.21	10.90	2.305
6-10-P	40.21	40.21	1788.14	10.76	2.256
6-11-P	40.21	40.21	1788.96	12.30	2.237
6-12-P	40.21	40.21	1790.04	14.29	2.220
6-13-P	40.21	40.21	1791.05	16.18	2.190
6-14-P	40.21	40.21	1792.03	18.00	2.153
6-15-P	40.21	40.21	1793.08	19.95	2.135
6-16-P	40.21	40.21	1794.17	21.96	2.124
6-17-P	40.21	40.21	1795.20	23.89	2.115
6-18-P	40.21	40.21	1796.01	25.38	2.115
6-19-P	40.21	40.21	1796.62	26.52	2.120
6-20-P	40.21	40.21	1797.19	27.57	2.120
6-21-P	40.21	40.21	1797.71	28.55	2.113
6-22-P	40.21	40.21	1779.83	-4.52	2.086
6-23-P	40.21	40.21	1779.99	-4.23	2.032

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
6-24-P	40.21	40.21	1780.53	-3.27	2.001
6-25-P	40.21	40.21	1781.05	-2.33	1.971
6-26-P	40.21	40.21	1781.57	-1.39	1.940
6-27-P	40.21	40.21	1782.07	-0.49	1.911
6-28-P	40.21	40.21	2031.12	0.26	2.168
6-29-P	40.21	48.25	2034.83	0.74	2.193
6-30-P	40.21	48.25	2284.17	1.12	2.499
6-31-P	40.21	56.30	2286.36	0.00	2.487
6-32-P	40.21	56.30	2535.71	0.00	2.678
6-33-P	40.21	56.30	2535.71	0.00	2.603
6-34-P	40.21	56.30	2785.05	0.00	2.781
6-35-P	40.21	56.30	2785.05	0.00	2.712
6-36-P	40.21	56.30	3034.38	0.00	2.898
6-37-P	40.21	48.25	3030.51	0.00	2.844
6-38-P	40.21	56.30	3025.07	-9.87	2.686
6-39-P	40.21	48.25	3022.84	-8.17	2.520
6-40-P	40.21	48.25	3024.25	-6.66	2.370
6-41-P	40.21	48.25	3025.52	-5.31	2.232
6-42-P	40.21	40.21	3021.84	-4.15	2.082
6-43-P	40.21	40.21	3022.76	-3.17	1.942
6-44-P	40.21	40.21	3023.60	-2.26	1.826
6-45-P	40.21	40.21	3024.46	-1.35	1.738
6-46-P	40.21	40.21	3025.35	-0.40	1.671
6-47-P	40.21	40.21	3026.21	0.54	1.617
6-48-P	40.21	40.21	3026.91	1.32	1.563
6-49-P	40.21	40.21	3027.39	1.84	1.508
6-50-P	40.21	40.21	3027.72	2.21	1.454
6-51-P	40.21	48.25	3032.87	2.59	1.410
6-52-P	40.21	48.25	3033.30	3.07	1.381
6-53-P	40.21	48.25	3033.82	3.64	1.364
6-54-P	40.21	56.30	3038.24	4.23	1.351
6-55-P	40.21	48.25	3034.86	4.79	1.333
6-56-P	40.21	56.30	3039.28	5.36	1.317
6-57-P	40.21	56.30	2789.20	4.95	1.192
6-58-P	40.21	56.30	2789.91	5.79	1.198
6-59-P	40.21	56.30	2540.04	5.65	1.106
6-60-P	40.21	56.30	2540.68	6.49	1.122
6-61-P	40.21	56.30	2290.45	5.90	1.025
6-62-P	40.21	48.25	2287.87	6.50	1.038
6-63-P	48.25	48.25	2439.57	6.68	1.120
6-64-P	48.25	40.21	2434.94	7.42	1.133
6-65-P	48.25	40.21	2136.33	6.66	1.021
6-66-P	48.25	40.21	2137.11	8.10	1.064
6-67-P	48.25	40.21	2137.97	9.71	1.113
6-68-P	48.25	40.21	2138.89	11.43	1.165
6-69-P	40.21	40.21	1788.33	11.12	1.021
6-70-P	40.21	40.21	1788.86	12.10	1.087
6-71-P	40.21	40.21	1788.74	11.89	1.179
6-72-P	40.21	40.21	1788.29	11.05	1.270
6-73-P	40.21	40.21	1787.56	9.69	1.361
6-74-P	40.21	40.21	1786.55	7.82	1.455
6-75-P	40.21	40.21	1785.09	5.10	1.504
6-76-P	40.21	40.21	1783.23	1.65	1.494
6-77-P	40.21	40.21	1781.33	-1.81	1.477
6-78-P	40.21	40.21	1779.73	-4.70	1.488
6-79-P	40.21	40.21	1778.75	-6.47	1.563
6-80-P	40.21	40.21	1778.09	-7.66	1.650
6-81-P	40.21	40.21	1777.60	-8.54	1.728
6-82-P	40.21	40.21	1777.35	-8.99	1.816
6-83-P	40.21	40.21	1777.38	-8.94	1.942
6-84-P	40.21	40.21	1776.77	-10.04	2.087
6-85-P	40.21	40.21	1775.50	-12.32	2.240
6-86-P	40.21	40.21	1774.57	-14.00	2.375
6-87-P	40.21	40.21	1774.24	-14.59	2.487
6-88-P	40.21	40.21	1774.00	-15.02	2.598
6-89-P	40.21	40.21	1773.69	-15.38	2.738
6-90-P	24.13	24.13	1074.47	8.35	2.488
6-91-P	8.04	8.04	358.99	2.74	1.701
7-1-P	32.17	32.17	1426.65	5.73	5.813
7-2-P	32.17	32.17	1429.89	7.14	2.843
7-3-P	40.21	40.21	1787.38	9.37	2.830
7-4-P	40.21	40.21	1787.21	9.05	2.745
7-5-P	40.21	40.21	1787.00	8.66	2.671
7-6-P	40.21	40.21	1786.81	8.29	2.601
7-7-P	40.21	40.21	1786.81	8.31	2.535
7-8-P	40.21	40.21	1787.21	9.04	2.472
7-9-P	40.21	40.21	1787.59	9.75	2.411
7-10-P	40.21	40.21	1787.80	10.15	2.350
7-11-P	40.21	40.21	1787.87	10.27	2.290
7-12-P	40.21	40.21	1788.04	10.58	2.230
7-13-P	40.21	40.21	1788.81	12.01	2.162
7-14-P	40.21	40.21	1789.61	13.50	2.095
7-15-P	40.21	40.21	1790.30	14.79	2.025
7-16-P	40.21	40.21	1790.97	16.03	1.963
7-17-P	40.21	40.21	1791.55	17.11	1.901
7-18-P	40.21	40.21	1791.94	17.83	1.833
7-19-P	40.21	40.21	1792.31	18.51	1.798
7-20-P	40.21	40.21	1792.72	19.28	1.784
7-21-P	40.21	40.21	1793.10	19.99	1.767
7-22-P	40.21	40.21	1793.46	20.65	1.747
7-23-P	40.21	40.21	1793.80	21.29	1.727
7-24-P	40.21	40.21	1794.13	21.90	1.708
7-25-P	40.21	48.25	2052.34	29.18	1.945

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
7-26-P	40.21	48.25	2283.70	0.44	2.173
7-27-P	40.21	56.30	2536.92	1.59	2.391
7-28-P	40.21	64.34	2540.34	2.61	2.373
7-29-P	40.21	72.38	2793.77	4.12	2.588
7-30-P	40.21	72.38	3045.49	5.84	2.799
7-31-P	40.21	64.34	3043.85	6.88	2.814
7-32-P	40.21	56.30	3041.37	7.65	2.878
7-33-P	40.21	48.25	3030.51	0.00	2.930
7-34-P	40.21	40.21	3025.72	0.00	2.842
7-35-P	40.21	40.21	3025.72	0.00	2.767
7-36-P	40.21	40.21	3025.72	0.00	2.699
7-37-P	40.21	40.21	3025.72	0.00	2.646
7-38-P	40.21	40.21	3025.72	0.00	2.599
7-39-P	40.21	40.21	3025.72	0.00	2.554
7-40-P	40.21	40.21	3025.72	0.00	2.510
7-41-P	40.21	40.21	3025.72	0.00	2.468
7-42-P	40.21	40.21	3019.23	-6.94	2.347
7-43-P	40.21	40.21	3020.90	-5.15	2.145
7-44-P	40.21	40.21	3022.13	-3.84	1.976
7-45-P	40.21	40.21	3022.99	-2.92	1.845
7-46-P	40.21	40.21	3023.71	-2.15	1.733
7-47-P	40.21	40.21	3024.34	-1.48	1.633
7-48-P	40.21	40.21	3024.90	-0.88	1.545
7-49-P	40.21	40.21	3025.55	-0.18	1.459
7-50-P	40.21	40.21	3026.20	0.53	1.385
7-51-P	40.21	40.21	3026.67	1.05	1.327
7-52-P	40.21	40.21	3027.01	1.43	1.282
7-53-P	40.21	40.21	3027.31	1.76	1.243
7-54-P	40.21	40.21	3027.60	2.08	1.206
7-55-P	40.21	40.21	3027.98	2.50	1.172
7-56-P	40.21	40.21	3028.46	3.04	1.145
7-57-P	40.21	40.21	3028.90	3.52	1.124
7-58-P	40.21	40.21	3029.27	3.93	1.109
7-59-P	40.21	40.21	3029.65	4.35	1.095
7-60-P	40.21	40.21	3030.04	4.78	1.082
7-61-P	40.21	40.21	3030.59	5.39	1.080
7-62-P	40.21	40.21	3031.45	6.34	1.089
7-63-P	40.21	40.21	3032.55	7.56	1.102
7-64-P	40.21	48.25	3038.67	8.99	1.120
7-65-P	40.21	56.30	3043.95	10.48	1.139
7-66-P	40.21	64.34	3048.46	11.92	1.164
7-67-P	40.21	72.38	3052.27	13.21	1.203
7-68-P	40.21	72.38	2800.70	12.31	1.141
7-69-P	40.21	64.34	2547.05	11.34	1.074
7-70-P	40.21	56.30	2545.39	12.64	1.112
7-71-P	40.21	48.25	2291.37	11.57	1.038
7-72-P	48.25	48.25	2443.16	12.54	1.150
7-73-P	48.25	40.21	2138.44	10.60	1.060
7-74-P	48.25	40.21	2138.79	11.25	1.121
7-75-P	48.25	40.21	2139.23	12.08	1.192
7-76-P	40.21	40.21	1788.19	10.86	1.060
7-77-P	40.21	40.21	1788.53	11.49	1.130
7-78-P	40.21	40.21	1788.80	11.99	1.204
7-79-P	40.21	40.21	1788.89	12.17	1.277
7-80-P	40.21	40.21	1788.91	12.21	1.384
7-81-P	40.21	40.21	1788.28	11.04	1.517
7-82-P	40.21	40.21	1787.54	9.65	1.665
7-83-P	40.21	40.21	1786.51	7.75	1.843
7-84-P	40.21	40.21	1785.31	5.52	2.038
7-85-P	40.21	40.21	1787.09	8.82	2.220
7-86-P	40.21	40.21	1787.09	8.82	2.282
7-87-P	40.21	40.21	1787.19	9.00	2.345
7-88-P	40.21	40.21	1787.18	8.99	2.408
7-89-P	40.21	40.21	1787.06	8.77	2.471
7-90-P	40.21	40.21	1786.91	8.49	2.535
7-91-P	40.21	40.21	1787.00	8.65	2.602
7-92-P	40.21	40.21	1787.22	9.06	2.672
7-93-P	40.21	40.21	1787.45	9.49	2.746
7-94-P	40.21	40.21	1787.65	9.86	2.830
7-95-P	32.17	32.17	1430.12	7.56	2.843
7-96-P	16.08	16.08	714.73	3.09	2.912
8-1-P	32.17	32.17	1424.27	0.59	5.022
8-2-P	32.17	32.17	1427.61	0.98	2.653
8-3-P	40.21	40.21	1783.14	1.48	3.039
8-4-P	40.21	40.21	1783.29	1.77	2.927
8-5-P	40.21	40.21	1783.44	2.04	2.823
8-6-P	40.21	40.21	1783.57	2.29	2.727
8-7-P	40.21	40.21	1783.85	2.81	2.623
8-8-P	40.21	40.21	1784.38	3.79	2.514
8-9-P	40.21	40.21	1785.08	5.09	2.431
8-10-P	40.21	40.21	1785.72	6.28	2.374
8-11-P	40.21	40.21	1786.33	7.41	2.322
8-12-P	40.21	40.21	1786.92	8.51	2.273
8-13-P	40.21	40.21	1787.49	9.57	2.220
8-14-P	40.21	40.21	1788.01	10.52	2.138
8-15-P	40.21	40.21	1788.56	11.56	2.055
8-16-P	40.21	40.21	1789.05	12.47	1.974
8-17-P	40.21	40.21	1789.52	13.34	1.898
8-18-P	40.21	40.21	1789.83	13.92	1.819
8-19-P	40.21	40.21	1789.86	13.96	1.727
8-20-P	40.21	40.21	1789.72	13.70	1.631
8-21-P	40.21	40.21	1789.58	13.45	1.544
8-22-P	40.21	40.21	1789.74	13.73	1.501

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
8-23-P	40.21	40.21	2042.23	18.43	1.696
8-24-P	40.21	56.30	2302.95	23.95	1.887
8-25-P	40.21	64.34	2561.56	30.19	2.063
8-26-P	40.21	72.38	2821.73	37.14	2.227
8-27-P	40.21	80.42	3083.60	44.79	2.378
8-28-P	40.21	72.38	3083.57	47.22	2.411
8-29-P	40.21	56.30	3041.49	7.79	2.445
8-30-P	40.21	48.25	3039.07	9.43	2.432
8-31-P	40.21	40.21	3035.63	10.97	2.418
8-32-P	40.21	40.21	3036.93	12.41	2.406
8-33-P	40.21	40.21	3038.23	13.86	2.427
8-34-P	40.21	40.21	3039.37	15.12	2.468
8-35-P	40.21	40.21	3040.37	16.23	2.511
8-36-P	40.21	40.21	3041.32	17.28	2.555
8-37-P	40.21	40.21	3025.72	0.00	2.535
8-38-P	40.21	40.21	3025.72	0.00	2.474
8-39-P	40.21	40.21	3025.72	0.00	2.423
8-40-P	40.21	40.21	3025.72	0.00	2.376
8-41-P	40.21	40.21	3025.72	0.00	2.334
8-42-P	40.21	40.21	3025.72	0.00	2.296
8-43-P	40.21	40.21	3025.72	0.00	2.261
8-44-P	40.21	40.21	3025.72	0.00	2.236
8-45-P	40.21	40.21	3025.72	0.00	2.217
8-46-P	40.21	40.21	3018.90	-7.29	2.002
8-47-P	40.21	40.21	3020.75	-5.31	1.814
8-48-P	40.21	40.21	3022.20	-3.76	1.665
8-49-P	40.21	40.21	3023.28	-2.61	1.547
8-50-P	40.21	40.21	3024.28	-1.54	1.444
8-51-P	40.21	40.21	3025.16	-0.61	1.359
8-52-P	40.21	40.21	3025.93	0.23	1.284
8-53-P	40.21	40.21	3026.59	0.96	1.216
8-54-P	40.21	40.21	3027.19	1.62	1.154
8-55-P	40.21	40.21	3027.77	2.27	1.100
8-56-P	40.21	40.21	3028.37	2.93	1.056
8-57-P	40.21	40.21	3028.89	3.51	1.025
8-58-P	40.21	40.21	3029.32	3.98	1.002
8-59-P	48.25	40.21	3626.38	5.31	1.172
8-60-P	48.25	40.21	3626.90	5.89	1.148
8-61-P	48.25	40.21	3627.49	6.55	1.127
8-62-P	48.25	40.21	3628.08	7.20	1.118
8-63-P	48.25	40.21	3628.61	7.80	1.121
8-64-P	48.25	40.21	3629.14	8.39	1.124
8-65-P	48.25	40.21	3629.68	8.99	1.127
8-66-P	48.25	40.21	3630.23	9.60	1.130
8-67-P	48.25	40.21	3630.94	10.40	1.136
8-68-P	48.25	40.21	3631.92	11.48	1.150
8-69-P	48.25	40.21	3632.84	12.51	1.186
8-70-P	40.21	40.21	3036.08	11.47	1.022
8-71-P	40.21	40.21	3037.16	12.67	1.054
8-72-P	40.21	48.25	3043.25	14.03	1.090
8-73-P	40.21	56.30	3048.54	15.51	1.127
8-74-P	40.21	72.38	3055.85	17.10	1.168
8-75-P	40.21	80.42	3060.03	19.27	1.224
8-76-P	40.21	72.38	2806.09	18.67	1.190
8-77-P	40.21	64.34	2551.86	17.58	1.148
8-78-P	40.21	56.30	2297.47	16.03	1.098
8-79-P	40.21	40.21	2039.55	14.05	1.036
8-80-P	48.25	40.21	2140.31	14.10	1.157
8-81-P	40.21	40.21	1789.61	13.51	1.051
8-82-P	40.21	40.21	1791.26	16.57	1.184
8-83-P	40.21	40.21	1793.30	20.36	1.345
8-84-P	40.21	40.21	1794.99	23.50	1.534
8-85-P	40.21	40.21	1795.47	24.38	1.739
8-86-P	40.21	40.21	1786.70	8.09	1.963
8-87-P	40.21	40.21	1786.42	7.58	2.047
8-88-P	40.21	40.21	1786.12	7.03	2.134
8-89-P	40.21	40.21	1785.89	6.59	2.220
8-90-P	40.21	40.21	1785.60	6.05	2.275
8-91-P	40.21	40.21	1785.28	5.46	2.325
8-92-P	40.21	40.21	1784.95	4.84	2.378
8-93-P	40.21	40.21	1784.60	4.20	2.437
8-94-P	40.21	40.21	1784.19	3.44	2.519
8-95-P	40.21	40.21	1783.86	2.82	2.627
8-96-P	40.21	40.21	1783.66	2.44	2.730
8-97-P	40.21	40.21	1783.55	2.24	2.826
8-98-P	40.21	40.21	1783.43	2.02	2.929
8-99-P	40.21	40.21	1783.30	1.78	3.041
8-100-P	32.17	32.17	1427.77	1.27	2.655
8-101-P	16.08	16.08	714.14	0.42	2.518
9-1-P	40.21	40.21	1780.01	0.51	5.949
9-2-P	40.21	40.21	1782.25	-0.16	3.484
9-3-P	40.21	40.21	1781.68	-1.20	3.356
9-4-P	40.21	40.21	1781.14	-2.16	3.237
9-5-P	40.21	40.21	1780.64	-3.06	3.127
9-6-P	40.21	40.21	1780.38	-3.54	3.020
9-7-P	40.21	40.21	1780.70	-2.96	2.894
9-8-P	40.21	40.21	1781.67	-1.21	2.735
9-9-P	40.21	40.21	1782.68	0.63	2.582
9-10-P	40.21	40.21	1783.56	2.27	2.445
9-11-P	40.21	40.21	1784.36	3.75	2.321
9-12-P	40.21	40.21	1785.07	5.07	2.215
9-13-P	40.21	40.21	1785.73	6.29	2.128
9-14-P	40.21	40.21	1786.19	7.14	2.039

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
9-15-P	40.21	40.21	1786.63	7.97	1.950
9-16-P	40.21	40.21	1787.08	8.80	1.873
9-17-P	40.21	40.21	1787.47	9.53	1.799
9-18-P	40.21	40.21	1787.82	10.18	1.729
9-19-P	40.21	40.21	1788.10	10.70	1.661
9-20-P	40.21	40.21	1788.08	10.66	1.578
9-21-P	40.21	40.21	1788.04	10.59	1.499
9-22-P	40.21	48.25	2042.66	13.46	1.629
9-23-P	40.21	64.34	2553.88	20.20	1.939
9-24-P	40.21	72.38	3066.11	28.24	2.222
9-25-P	40.21	80.42	3068.15	28.06	2.151
9-26-P	40.21	72.38	3066.40	28.57	2.103
9-27-P	40.21	56.30	3060.95	29.11	2.058
9-28-P	40.21	48.25	3057.46	29.69	2.019
9-29-P	40.21	40.21	3053.25	30.50	2.000
9-30-P	40.21	40.21	3054.65	32.05	2.019
9-31-P	40.21	40.21	3056.38	33.96	2.053
9-32-P	40.21	40.21	3036.59	12.04	2.100
9-33-P	40.21	40.21	3037.92	13.51	2.094
9-34-P	40.21	40.21	3039.57	15.35	2.110
9-35-P	40.21	40.21	3041.52	17.50	2.130
9-36-P	40.21	40.21	3043.62	19.83	2.147
9-37-P	40.21	40.21	3045.86	22.32	2.162
9-38-P	40.21	40.21	3048.16	24.85	2.182
9-39-P	40.21	40.21	3050.79	27.77	2.299
9-40-P	40.21	40.21	3025.72	0.00	2.262
9-41-P	40.21	40.21	3025.72	0.00	2.218
9-42-P	40.21	40.21	3025.72	0.00	2.176
9-43-P	40.21	40.21	3025.72	0.00	2.138
9-44-P	40.21	40.21	3025.72	0.00	2.101
9-45-P	40.21	40.21	3025.72	0.00	2.076
9-46-P	40.21	40.21	3025.72	0.00	2.055
9-47-P	40.21	40.21	3025.72	0.00	2.035
9-48-P	40.21	40.21	3016.11	-10.28	1.906
9-49-P	40.21	40.21	3018.56	-7.65	1.707
9-50-P	40.21	40.21	3020.90	-5.15	1.530
9-51-P	40.21	40.21	3023.02	-2.89	1.374
9-52-P	40.21	40.21	3024.71	-1.08	1.251
9-53-P	40.21	40.21	3025.82	0.11	1.166
9-54-P	40.21	40.21	3026.77	1.16	1.100
9-55-P	40.21	40.21	3027.68	2.17	1.039
9-56-P	56.30	40.21	4218.46	4.33	1.370
9-57-P	56.30	40.21	4219.43	5.41	1.308
9-58-P	56.30	40.21	4220.37	6.47	1.255
9-59-P	56.30	40.21	4221.33	7.55	1.207
9-60-P	56.30	40.21	4222.25	8.57	1.169
9-61-P	56.30	40.21	4223.02	9.44	1.150
9-62-P	56.30	40.21	4223.76	10.27	1.134
9-63-P	56.30	40.21	4224.49	11.08	1.118
9-64-P	56.30	40.21	4225.23	11.91	1.102
9-65-P	56.30	40.21	4225.91	12.67	1.096
9-66-P	56.30	40.21	4226.57	13.41	1.104
9-67-P	56.30	40.21	4227.31	14.24	1.115
9-68-P	56.30	40.21	4228.14	15.17	1.128
9-69-P	56.30	40.21	4229.00	16.13	1.140
9-70-P	56.30	40.21	4229.88	17.11	1.155
9-71-P	56.30	40.21	4230.63	17.95	1.189
9-72-P	56.30	40.21	4231.40	18.82	1.231
9-73-P	56.30	40.21	4232.27	19.79	1.277
9-74-P	56.30	40.21	4233.36	21.01	1.326
9-75-P	56.30	40.21	4234.65	22.45	1.378
9-76-P	40.21	40.21	3041.43	17.41	1.035
9-77-P	40.21	48.25	3047.98	19.24	1.093
9-78-P	40.21	56.30	3054.10	21.61	1.155
9-79-P	40.21	72.38	3062.58	24.41	1.226
9-80-P	40.21	80.42	3067.66	27.53	1.303
9-81-P	40.21	72.38	3068.96	31.34	1.399
9-82-P	40.21	64.34	2558.12	25.71	1.284
9-83-P	40.21	48.25	2046.53	19.75	1.142
9-84-P	40.21	40.21	1792.19	18.29	1.120
9-85-P	40.21	40.21	1794.27	22.15	1.274
9-86-P	40.21	40.21	1796.88	27.00	1.473
9-87-P	40.21	40.21	1797.53	28.20	1.662
9-88-P	40.21	40.21	1785.04	5.02	1.797
9-89-P	40.21	40.21	1784.80	4.57	1.874
9-90-P	40.21	40.21	1784.54	4.08	1.956
9-91-P	40.21	40.21	1784.27	3.59	2.050
9-92-P	40.21	40.21	1783.99	3.06	2.142
9-93-P	40.21	40.21	1783.53	2.22	2.229
9-94-P	40.21	40.21	1783.00	1.23	2.334
9-95-P	40.21	40.21	1782.40	0.11	2.456
9-96-P	40.21	40.21	1781.71	-1.13	2.591
9-97-P	40.21	40.21	1780.94	-2.52	2.741
9-98-P	40.21	40.21	1780.22	-3.82	2.897
9-99-P	40.21	40.21	1780.05	-4.13	3.022
9-100-P	40.21	40.21	1780.36	-3.56	3.128
9-101-P	40.21	40.21	1780.91	-2.57	3.238
9-102-P	40.21	40.21	1781.50	-1.51	3.356
9-103-P	40.21	40.21	1782.14	-0.36	3.484
9-104-P	24.13	24.13	1069.59	0.16	3.574
10-1-P	40.21	40.21	1780.34	0.14	5.802
10-2-P	40.21	40.21	1782.05	-0.52	3.942
10-3-P	40.21	40.21	1781.57	-1.39	3.799

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
10-4-P	40.21	40.21	1781.11	-2.21	3.666
10-5-P	40.21	40.21	1780.65	-3.04	3.540
10-6-P	40.21	40.21	1780.34	-3.61	3.438
10-7-P	40.21	40.21	1780.54	-3.24	3.314
10-8-P	40.21	40.21	1780.96	-2.49	3.160
10-9-P	40.21	40.21	1781.33	-1.82	3.019
10-10-P	40.21	40.21	1781.76	-1.05	2.888
10-11-P	40.21	40.21	1782.67	0.62	2.689
10-12-P	40.21	40.21	1783.67	2.48	2.476
10-13-P	40.21	40.21	1784.60	4.19	2.298
10-14-P	40.21	40.21	1785.44	5.76	2.153
10-15-P	40.21	40.21	1785.93	6.66	2.019
10-16-P	40.21	40.21	1786.11	7.00	1.894
10-17-P	40.21	40.21	1786.27	7.30	1.781
10-18-P	40.21	40.21	1786.42	7.58	1.683
10-19-P	40.21	40.21	1786.56	7.84	1.597
10-20-P	40.21	40.21	1786.72	8.14	1.524
10-21-P	40.21	48.25	2292.59	13.35	1.868
10-22-P	40.21	64.34	2804.29	19.39	2.171
10-23-P	40.21	80.42	3062.89	22.36	2.261
10-24-P	40.21	80.42	3062.08	21.49	2.158
10-25-P	40.21	72.38	3059.14	20.67	2.063
10-26-P	40.21	56.30	3052.54	19.89	1.972
10-27-P	40.21	40.21	3043.00	19.15	1.887
10-28-P	40.21	40.21	3042.75	18.86	1.826
10-29-P	40.21	40.21	3043.08	19.23	1.799
10-30-P	40.21	40.21	3043.81	20.04	1.796
10-31-P	40.21	40.21	3044.59	20.91	1.796
10-32-P	40.21	40.21	3045.36	21.76	1.796
10-33-P	40.21	40.21	3046.10	22.57	1.793
10-34-P	40.21	40.21	3046.67	23.21	1.772
10-35-P	40.21	40.21	3047.74	24.39	1.770
10-36-P	40.21	40.21	3041.74	17.75	1.821
10-37-P	40.21	40.21	3044.68	21.01	1.820
10-38-P	40.21	40.21	3047.79	24.44	1.818
10-39-P	40.21	40.21	3051.18	28.20	1.816
10-40-P	40.21	40.21	3055.33	32.80	1.886
10-41-P	40.21	40.21	3059.94	37.91	1.967
10-42-P	40.21	40.21	3065.08	43.61	2.050
10-43-P	40.21	40.21	3025.72	0.00	2.050
10-44-P	40.21	40.21	3025.72	0.00	2.013
10-45-P	40.21	40.21	3025.72	0.00	1.978
10-46-P	40.21	40.21	3247.85	0.00	2.092
10-47-P	40.21	40.21	3470.01	0.00	2.211
10-48-P	40.21	48.25	3697.72	0.00	2.332
10-49-P	40.21	48.25	3920.17	0.00	2.449
10-50-P	40.21	56.30	4016.30	-15.98	2.373
10-51-P	40.21	56.30	4133.55	-10.94	2.107
10-52-P	40.21	48.25	4244.88	-6.84	1.909
10-53-P	40.21	48.25	4248.97	-3.73	1.697
10-54-P	40.21	40.21	-4336.51	68.10	1.403
10-55-P	40.21	48.25	4254.93	0.84	1.418
10-56-P	40.21	48.25	4257.10	2.55	1.314
10-57-P	40.21	56.30	4152.91	4.29	1.202
10-58-P	40.21	56.30	4043.39	5.90	1.103
10-59-P	40.21	48.25	3928.56	7.19	1.016
10-60-P	64.34	48.25	5892.04	12.60	1.466
10-61-P	64.34	40.21	5525.06	13.09	1.326
10-62-P	64.34	40.21	5170.60	13.05	1.198
10-63-P	64.34	40.21	4816.30	13.06	1.092
10-64-P	64.34	40.21	4818.01	14.98	1.076
10-65-P	64.34	40.21	4819.50	16.66	1.060
10-66-P	64.34	40.21	4820.84	18.17	1.048
10-67-P	64.34	40.21	4822.11	19.59	1.060
10-68-P	64.34	40.21	4823.10	20.71	1.074
10-69-P	64.34	40.21	4824.04	21.77	1.087
10-70-P	64.34	40.21	4824.89	22.72	1.106
10-71-P	64.34	40.21	4825.83	23.78	1.125
10-72-P	64.34	40.21	4826.86	24.94	1.144
10-73-P	64.34	40.21	4827.83	26.02	1.188
10-74-P	64.34	40.21	4828.86	27.18	1.241
10-75-P	64.34	40.21	4830.01	28.48	1.296
10-76-P	64.34	40.21	4831.30	29.93	1.354
10-77-P	64.34	40.21	4832.70	31.50	1.416
10-78-P	64.34	40.21	4833.77	32.71	1.489
10-79-P	64.34	40.21	4834.99	34.08	1.571
10-80-P	40.21	40.21	3046.01	22.48	1.048
10-81-P	40.21	40.21	3047.35	23.97	1.114
10-82-P	40.21	56.30	3058.90	26.86	1.202
10-83-P	40.21	72.38	3068.70	31.06	1.313
10-84-P	40.21	80.42	3075.52	36.04	1.444
10-85-P	40.21	80.42	3081.19	42.18	1.603
10-86-P	40.21	64.34	2823.31	41.95	1.645
10-87-P	40.21	48.25	2306.56	33.63	1.522
10-88-P	40.21	40.21	1794.57	22.71	1.323
10-89-P	40.21	40.21	1795.90	25.18	1.494
10-90-P	40.21	40.21	1784.27	3.59	1.684
10-91-P	40.21	40.21	1784.10	3.26	1.784
10-92-P	40.21	40.21	1783.90	2.90	1.897
10-93-P	40.21	40.21	1783.68	2.48	2.023
10-94-P	40.21	40.21	1783.24	1.67	2.157
10-95-P	40.21	40.21	1782.55	0.39	2.301
10-96-P	40.21	40.21	1781.78	-1.00	2.478

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
10-97-P	40.21	40.21	1780.96	-2.48	2.689
10-98-P	40.21	40.21	1780.29	-3.70	2.886
10-99-P	40.21	40.21	1780.13	-3.99	3.016
10-100-P	40.21	40.21	1780.05	-4.13	3.156
10-101-P	40.21	40.21	1779.95	-4.30	3.310
10-102-P	40.21	40.21	1780.01	-4.19	3.434
10-103-P	40.21	40.21	1780.42	-3.47	3.536
10-104-P	40.21	40.21	1780.91	-2.58	3.662
10-105-P	40.21	40.21	1781.39	-1.72	3.795
10-106-P	40.21	40.21	1781.89	-0.81	3.938
10-107-P	24.13	24.13	1070.27	-0.07	3.486
11-1-P	40.21	40.21	1780.86	-2.54	4.860
11-2-P	40.21	40.21	1780.64	-3.06	4.567
11-3-P	40.21	40.21	1780.31	-3.65	4.353
11-4-P	40.21	40.21	1779.95	-4.30	4.168
11-5-P	40.21	40.21	1779.58	-4.98	4.008
11-6-P	40.21	40.21	1779.48	-5.14	3.901
11-7-P	40.21	40.21	1780.02	-4.19	3.870
11-8-P	40.21	40.21	1780.57	-3.19	3.850
11-9-P	40.21	40.21	1781.10	-2.24	3.833
11-10-P	40.21	40.21	1781.59	-1.35	3.789
11-11-P	40.21	40.21	1782.22	-0.22	3.642
11-12-P	40.21	40.21	1783.36	1.90	3.249
11-13-P	40.21	40.21	1784.33	3.69	2.861
11-14-P	40.21	40.21	1785.06	5.04	2.535
11-15-P	40.21	40.21	1785.57	6.00	2.264
11-16-P	40.21	40.21	1785.54	5.94	2.061
11-17-P	40.21	40.21	1785.44	5.75	1.904
11-18-P	40.21	40.21	1785.40	5.69	1.782
11-19-P	40.21	40.21	1785.42	5.73	1.683
11-20-P	40.21	40.21	2035.39	7.24	1.816
11-21-P	40.21	64.34	2799.05	13.18	2.351
11-22-P	40.21	80.42	3056.15	15.07	2.405
11-23-P	40.21	80.42	3055.38	14.24	2.259
11-24-P	40.21	80.42	3054.73	13.53	2.134
11-25-P	40.21	56.30	3046.19	12.93	2.027
11-26-P	40.21	40.21	3036.96	12.45	1.937
11-27-P	40.21	40.21	3036.60	12.05	1.862
11-28-P	40.21	40.21	3036.28	11.70	1.792
11-29-P	40.21	40.21	3036.00	11.38	1.730
11-30-P	40.21	40.21	3035.75	11.10	1.672
11-31-P	40.21	40.21	3035.54	10.87	1.620
11-32-P	40.21	40.21	3035.59	10.93	1.585
11-33-P	40.21	40.21	3035.87	11.24	1.560
11-34-P	40.21	40.21	3036.30	11.72	1.532
11-35-P	40.21	40.21	3036.82	12.30	1.508
11-36-P	40.21	40.21	3037.36	12.89	1.482
11-37-P	40.21	40.21	3038.15	13.77	1.459
11-38-P	40.21	40.21	3039.79	15.58	1.480
11-39-P	40.21	40.21	3041.76	17.76	1.514
11-40-P	40.21	40.21	3043.85	20.08	1.542
11-41-P	40.21	56.30	3062.16	30.44	1.580
11-42-P	40.21	56.30	3529.41	47.71	1.851
11-43-P	40.21	72.38	4139.40	76.10	2.206
11-44-P	40.21	80.42	4648.97	111.67	2.551
11-45-P	56.30	96.51	7244.67	228.39	4.173
11-46-P	56.30	104.55	7378.89	0.00	4.572
11-47-P	56.30	96.51	7530.14	0.00	4.599
11-48-P	56.30	88.47	7524.66	0.00	4.543
11-49-P	56.30	80.42	7518.44	0.00	4.489
11-50-P	56.30	64.34	7503.28	0.00	4.436
11-51-P	56.30	56.30	-7952.89	291.21	3.841
11-52-P	56.30	56.30	-7760.35	168.88	2.237
11-53-P	56.30	56.30	-7680.22	117.97	1.587
11-54-P	56.30	56.30	-7638.95	91.75	1.283
11-55-P	56.30	56.30	-7614.13	75.98	1.128
11-56-P	56.30	56.30	-7618.76	78.92	1.335
11-57-P	56.30	56.30	-7635.68	89.67	1.792
11-58-P	56.30	56.30	7503.86	6.19	1.903
11-59-P	56.30	56.30	7510.60	10.44	1.774
11-60-P	56.30	64.34	7526.64	14.68	1.686
11-61-P	56.30	80.42	7548.68	18.87	1.611
11-62-P	56.30	88.47	7561.58	22.96	1.543
11-63-P	56.30	96.51	7575.32	27.09	1.486
11-64-P	56.30	104.55	7429.57	30.97	1.422
11-65-P	56.30	96.51	6953.30	31.82	1.303
11-66-P	56.30	80.42	6312.66	30.21	1.159
11-67-P	56.30	72.38	5677.32	28.16	1.035
11-68-P	72.38	56.30	6246.32	30.88	1.149
11-69-P	72.38	56.30	5442.40	26.58	1.012
11-70-P	72.38	40.21	5417.92	29.37	1.026
11-71-P	72.38	40.21	5420.06	31.80	1.057
11-72-P	72.38	40.21	5421.56	33.49	1.085
11-73-P	72.38	40.21	5422.71	34.80	1.114
11-74-P	72.38	40.21	5423.87	36.10	1.168
11-75-P	72.38	40.21	5425.16	37.56	1.231
11-76-P	56.30	40.21	4242.01	30.69	1.013
11-77-P	56.30	40.21	4243.34	32.18	1.065
11-78-P	56.30	40.21	4244.60	33.59	1.127
11-79-P	56.30	40.21	4245.70	34.82	1.200
11-80-P	56.30	40.21	4246.98	36.26	1.280
11-81-P	56.30	40.21	4248.48	37.94	1.369
11-82-P	40.21	40.21	3051.57	28.64	1.053

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
11-83-P	40.21	40.21	3053.17	30.41	1.132
11-84-P	40.21	40.21	3056.49	34.09	1.227
11-85-P	40.21	56.30	3069.70	38.70	1.344
11-86-P	40.21	80.42	3082.91	44.04	1.485
11-87-P	40.21	80.42	3088.64	50.24	1.653
11-88-P	40.21	80.42	3095.79	57.99	1.864
11-89-P	40.21	64.34	2836.27	57.32	1.950
11-90-P	40.21	40.21	2053.36	36.63	1.619
11-91-P	40.21	40.21	1800.91	34.48	1.637
11-92-P	40.21	40.21	1783.25	1.70	1.781
11-93-P	40.21	40.21	1783.17	1.54	1.902
11-94-P	40.21	40.21	1783.13	1.48	2.056
11-95-P	40.21	40.21	1783.06	1.33	2.255
11-96-P	40.21	40.21	1782.61	0.50	2.525
11-97-P	40.21	40.21	1781.99	-0.63	2.848
11-98-P	40.21	40.21	1781.18	-2.08	3.232
11-99-P	40.21	40.21	-1798.28	29.83	2.594
11-100-P	40.21	40.21	-1795.22	24.10	2.718
11-101-P	40.21	40.21	-1793.10	20.15	3.175
11-102-P	40.21	40.21	1779.62	-4.90	3.835
11-103-P	40.21	40.21	1779.44	-5.23	3.858
11-104-P	40.21	40.21	1779.27	-5.54	3.891
11-105-P	40.21	40.21	1779.49	-5.14	4.000
11-106-P	40.21	40.21	1779.88	-4.43	4.160
11-107-P	40.21	40.21	1780.25	-3.77	4.346
11-108-P	40.21	40.21	1780.59	-3.16	4.562
11-109-P	40.21	40.21	1780.81	-2.63	4.857
12-1-P	40.21	40.21	1778.82	-6.35	5.955
12-2-P	40.21	40.21	1778.41	-7.08	5.669
12-3-P	40.21	40.21	1778.18	-7.49	5.397
12-4-P	40.21	40.21	1778.13	-7.58	5.142
12-5-P	40.21	40.21	1778.15	-7.55	4.904
12-6-P	40.21	40.21	1778.24	-7.39	4.678
12-7-P	40.21	40.21	1778.37	-7.15	4.475
12-8-P	40.21	40.21	1778.60	-6.74	4.321
12-9-P	40.21	40.21	1778.91	-6.17	4.209
12-10-P	40.21	40.21	1779.60	-4.94	4.090
12-11-P	40.21	40.21	1780.88	-2.63	3.808
12-12-P	40.21	40.21	1782.14	-0.37	3.506
12-13-P	40.21	40.21	1783.19	1.58	3.242
12-14-P	40.21	40.21	1784.11	3.29	2.986
12-15-P	40.21	40.21	1784.60	4.19	2.696
12-16-P	40.21	40.21	1784.47	3.95	2.422
12-17-P	40.21	40.21	1784.33	3.70	2.190
12-18-P	40.21	40.21	1784.22	3.50	1.994
12-19-P	40.21	40.21	1784.13	3.33	1.826
12-20-P	40.21	64.34	2794.16	7.38	2.629
12-21-P	40.21	80.42	3049.78	8.17	2.641
12-22-P	40.21	80.42	3049.38	7.73	2.465
12-23-P	40.21	80.42	3049.09	7.42	2.316
12-24-P	40.21	56.30	3040.89	7.13	2.178
12-25-P	40.21	40.21	3031.91	6.85	2.053
12-26-P	40.21	40.21	3031.63	6.55	1.958
12-27-P	40.21	40.21	3031.31	6.19	1.885
12-28-P	40.21	40.21	3030.90	5.74	1.798
12-29-P	40.21	40.21	3030.59	5.39	1.720
12-30-P	40.21	40.21	3030.38	5.16	1.654
12-31-P	40.21	40.21	3030.25	5.02	1.595
12-32-P	40.21	40.21	3030.19	4.95	1.544
12-33-P	40.21	40.21	3030.17	4.93	1.498
12-34-P	40.21	40.21	3030.18	4.93	1.450
12-35-P	40.21	40.21	3030.21	4.97	1.401
12-36-P	40.21	40.21	3030.46	5.25	1.353
12-37-P	40.21	56.30	3039.88	6.03	1.320
12-38-P	40.21	56.30	3040.40	6.59	1.287
12-39-P	40.21	56.30	3040.97	7.21	1.266
12-40-P	40.21	64.34	3989.59	13.51	1.658
12-41-P	64.34	88.47	7750.41	35.98	3.210
12-42-P	64.34	112.59	8689.00	50.56	3.598
12-43-P	64.34	112.59	8702.37	58.82	3.676
12-44-P	64.34	104.55	8718.95	72.71	3.848
12-45-P	64.34	80.42	8722.11	88.68	4.069
12-46-P	64.34	56.30	8839.39	183.55	4.209
12-47-P	64.34	56.30	8952.55	255.20	4.465
12-48-P	64.34	56.30	9117.45	359.61	4.822
12-49-P	64.34	56.30	8549.51	0.00	4.934
12-50-P	64.34	56.30	8549.51	0.00	4.886
12-51-P	64.34	56.30	8549.51	0.00	4.853
12-52-P	64.34	56.30	-7933.41	267.02	4.029
12-53-P	64.34	56.30	-7755.70	154.47	2.271
12-54-P	64.34	56.30	-7684.92	110.46	1.626
12-55-P	64.34	56.30	-7659.93	95.26	1.474
12-56-P	64.34	56.30	-7654.44	91.93	1.576
12-57-P	64.34	56.30	-7663.04	97.15	1.914
12-58-P	64.34	56.30	8571.74	14.07	1.991
12-59-P	64.34	56.30	8587.48	24.04	1.841
12-60-P	64.34	56.30	8594.88	28.72	1.729
12-61-P	64.34	56.30	8603.77	34.36	1.628
12-62-P	64.34	56.30	8613.81	40.71	1.537
12-63-P	64.34	56.30	8622.67	46.32	1.459
12-64-P	64.34	56.30	8624.45	47.45	1.413
12-65-P	64.34	56.30	8627.72	49.52	1.369
12-66-P	64.34	80.42	8664.48	52.63	1.332

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
12-67-P	64.34	104.55	8692.82	56.51	1.327
12-68-P	64.34	112.59	8707.21	61.81	1.326
12-69-P	64.34	112.59	8717.31	68.06	1.326
12-70-P	64.34	88.47	7787.18	61.49	1.222
12-71-P	64.34	64.34	6306.91	45.89	1.028
12-72-P	80.42	56.30	6042.75	38.08	1.023
12-73-P	80.42	56.30	6047.25	43.11	1.076
12-74-P	80.42	56.30	6051.13	47.45	1.142
12-75-P	80.42	40.21	6019.93	49.57	1.199
12-76-P	64.34	40.21	4841.56	41.47	1.022
12-77-P	64.34	40.21	4843.23	43.35	1.093
12-78-P	64.34	40.21	4844.85	45.18	1.171
12-79-P	64.34	40.21	4846.05	46.52	1.247
12-80-P	64.34	40.21	4847.61	48.28	1.332
12-81-P	64.34	40.21	4849.58	50.49	1.429
12-82-P	64.34	40.21	4851.86	53.07	1.541
12-83-P	40.21	40.21	3057.42	35.12	1.053
12-84-P	40.21	40.21	3058.84	36.69	1.148
12-85-P	40.21	40.21	3061.03	39.12	1.257
12-86-P	40.21	40.21	3064.84	43.34	1.377
12-87-P	40.21	56.30	3079.17	49.08	1.521
12-88-P	40.21	80.42	3094.06	56.12	1.698
12-89-P	40.21	80.42	3102.08	64.80	1.915
12-90-P	40.21	80.42	3112.46	76.04	2.197
12-91-P	40.21	64.34	2852.56	76.63	2.349
12-92-P	40.21	40.21	1803.07	38.50	1.764
12-93-P	40.21	40.21	1782.41	0.14	1.992
12-94-P	40.21	40.21	1782.41	0.12	2.184
12-95-P	40.21	40.21	1782.40	0.12	2.410
12-96-P	40.21	40.21	1782.40	0.10	2.675
12-97-P	40.21	40.21	1781.97	-0.67	2.963
12-98-P	40.21	40.21	1781.22	-2.02	3.218
12-99-P	40.21	40.21	1780.36	-3.56	3.483
12-100-P	40.21	40.21	1779.38	-5.33	3.787
12-101-P	40.21	40.21	-1802.60	37.93	3.884
12-102-P	40.21	40.21	1778.04	-7.74	4.192
12-103-P	40.21	40.21	1777.97	-7.88	4.306
12-104-P	40.21	40.21	1777.95	-7.92	4.463
12-105-P	40.21	40.21	1777.98	-7.85	4.669
12-106-P	40.21	40.21	1778.02	-7.78	4.898
12-107-P	40.21	40.21	1778.03	-7.76	5.138
12-108-P	40.21	40.21	1778.11	-7.63	5.394
12-109-P	40.21	40.21	1778.36	-7.17	5.668
12-110-P	40.21	40.21	1778.79	-6.39	5.955
13-1-P	40.21	40.21	1781.76	-1.05	7.551
13-2-P	40.21	40.21	1780.93	-2.54	7.242
13-3-P	40.21	40.21	1780.04	-4.14	6.953
13-4-P	40.21	40.21	1779.24	-5.59	6.697
13-5-P	40.21	40.21	1778.49	-6.94	6.454
13-6-P	40.21	40.21	1777.87	-8.06	6.124
13-7-P	40.21	40.21	1777.49	-8.74	5.821
13-8-P	40.21	40.21	-1777.52	-8.73	5.355
13-9-P	40.21	40.21	-1778.02	-7.83	4.991
13-10-P	40.21	40.21	1779.67	-4.81	4.803
13-11-P	40.21	40.21	1781.56	-1.41	4.390
13-12-P	40.21	40.21	1783.08	1.37	4.041
13-13-P	40.21	40.21	1784.26	3.57	3.738
13-14-P	40.21	40.21	1784.70	4.38	3.433
13-15-P	40.21	40.21	1784.51	4.03	3.126
13-16-P	40.21	40.21	1784.30	3.63	2.855
13-17-P	40.21	40.21	1784.13	3.32	2.611
13-18-P	40.21	40.21	1784.02	3.13	2.382
13-19-P	40.21	40.21	1783.97	3.03	2.169
13-20-P	40.21	80.42	3049.30	7.64	3.331
13-21-P	40.21	80.42	3048.20	6.46	2.994
13-22-P	40.21	80.42	3047.30	5.49	2.718
13-23-P	40.21	80.42	3046.58	4.71	2.496
13-24-P	40.21	40.21	3029.50	4.18	2.318
13-25-P	40.21	40.21	3029.12	3.77	2.216
13-26-P	40.21	40.21	3028.72	3.32	2.131
13-27-P	40.21	40.21	3028.38	2.94	2.055
13-28-P	40.21	40.21	3028.06	2.58	1.983
13-29-P	40.21	40.21	3027.70	2.19	1.880
13-30-P	40.21	40.21	3027.44	1.90	1.789
13-31-P	40.21	40.21	3027.24	1.68	1.710
13-32-P	40.21	40.21	3027.11	1.54	1.642
13-33-P	40.21	40.21	3027.01	1.43	1.563
13-34-P	40.21	40.21	3026.99	1.41	1.474
13-35-P	40.21	40.21	3027.07	1.50	1.402
13-36-P	40.21	56.30	3035.89	1.65	1.348
13-37-P	40.21	56.30	3035.84	1.59	1.296
13-38-P	40.21	56.30	3035.81	1.56	1.252
13-39-P	40.21	88.47	4455.19	2.95	1.789
13-40-P	64.34	112.59	8617.60	6.43	3.409
13-41-P	64.34	112.59	8614.38	4.44	3.364
13-42-P	64.34	112.59	8612.45	3.24	3.319
13-43-P	64.34	88.47	8592.99	2.92	3.268
13-44-P	64.34	56.30	-7199.89	-180.03	2.439
13-45-P	64.34	56.30	-7141.98	-214.39	2.832
13-46-P	64.34	56.30	-7067.67	-258.49	3.319
13-47-P	64.34	56.30	8565.97	10.42	3.492
13-48-P	64.34	56.30	8574.51	15.83	3.592
13-49-P	64.34	56.30	8447.50	-62.15	3.810

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
13-50-P	64.34	56.30	8424.81	-75.97	4.001
13-51-P	64.34	56.30	8408.71	-85.78	4.323
13-52-P	64.34	56.30	8549.51	0.00	4.717
13-53-P	64.34	56.30	8078.78	-286.78	3.921
13-54-P	64.34	56.30	8295.60	-154.69	3.142
13-55-P	64.34	56.30	8434.38	-70.14	2.640
13-56-P	64.34	56.30	8512.13	-22.77	2.290
13-57-P	64.34	56.30	8562.49	8.21	2.058
13-58-P	64.34	56.30	8625.31	48.00	1.895
13-59-P	64.34	56.30	8698.85	94.56	1.771
13-60-P	64.34	56.30	8752.67	128.64	1.659
13-61-P	64.34	56.30	8755.91	130.69	1.548
13-62-P	64.34	56.30	8742.58	122.25	1.440
13-63-P	64.34	56.30	8720.97	108.56	1.331
13-64-P	64.34	56.30	8698.10	94.08	1.233
13-65-P	64.34	56.30	8683.24	84.68	1.159
13-66-P	64.34	56.30	8674.37	79.06	1.099
13-67-P	64.34	56.30	8670.73	76.75	1.083
13-68-P	64.34	56.30	8667.99	75.02	1.089
13-69-P	64.34	88.47	8705.40	73.00	1.104
13-70-P	64.34	112.59	8725.55	73.15	1.127
13-71-P	64.34	112.59	8735.63	79.38	1.167
13-72-P	64.34	112.59	8753.00	90.11	1.247
13-73-P	64.34	88.47	7189.07	71.78	1.112
13-74-P	88.47	56.30	6642.07	51.14	1.104
13-75-P	88.47	56.30	6648.49	58.35	1.191
13-76-P	88.47	56.30	6655.01	65.68	1.296
13-77-P	64.34	40.21	4849.51	50.41	1.016
13-78-P	64.34	40.21	4851.53	52.69	1.097
13-79-P	64.34	40.21	4853.13	54.49	1.181
13-80-P	64.34	40.21	4854.55	56.09	1.264
13-81-P	64.34	40.21	4856.13	57.87	1.357
13-82-P	64.34	40.21	4857.86	59.82	1.463
13-83-P	64.34	40.21	4859.82	62.01	1.581
13-84-P	40.21	40.21	3062.56	40.81	1.079
13-85-P	40.21	40.21	3064.43	42.89	1.178
13-86-P	40.21	40.21	3066.68	45.38	1.297
13-87-P	40.21	40.21	3069.45	48.45	1.436
13-88-P	40.21	40.21	3074.19	53.70	1.592
13-89-P	40.21	80.42	3099.55	62.05	1.794
13-90-P	40.21	80.42	3108.93	72.21	2.040
13-91-P	40.21	80.42	3121.26	85.56	2.364
13-92-P	40.21	80.42	3138.10	103.80	2.807
13-93-P	40.21	40.21	1806.30	44.50	1.966
13-94-P	40.21	40.21	1782.62	0.52	2.363
13-95-P	40.21	40.21	1782.66	0.60	2.588
13-96-P	40.21	40.21	1782.78	0.82	2.832
13-97-P	40.21	40.21	1782.94	1.12	3.107
13-98-P	40.21	40.21	1783.09	1.40	3.420
13-99-P	40.21	40.21	1782.78	0.81	3.729
13-100-P	40.21	40.21	1781.82	-0.93	4.035
13-101-P	40.21	40.21	1780.51	-3.30	4.385
13-102-P	40.21	40.21	1778.81	-6.35	4.797
13-103-P	40.21	40.21	-1807.30	46.71	4.932
13-104-P	40.21	40.21	-1804.85	42.14	5.294
13-105-P	40.21	40.21	1777.04	-9.55	5.821
13-106-P	40.21	40.21	1777.49	-8.74	6.129
13-107-P	40.21	40.21	1778.18	-7.50	6.465
13-108-P	40.21	40.21	1778.92	-6.17	6.708
13-109-P	40.21	40.21	1779.72	-4.73	6.963
13-110-P	40.21	40.21	1780.60	-3.13	7.252
13-111-P	40.21	40.21	1781.43	-1.63	7.560
14-1-P	48.25	48.25	-2137.77	0.90	11.205
14-2-P	48.25	48.25	-2137.74	0.84	10.332
14-3-P	48.25	48.25	-2137.71	0.78	9.561
14-4-P	48.25	48.25	-2137.50	0.39	8.889
14-5-P	48.25	48.25	-2137.14	-0.27	8.062
14-6-P	48.25	48.25	-2136.75	-0.97	6.468
14-7-P	48.25	48.25	-2136.39	-1.63	5.412
14-8-P	48.25	48.25	-2136.11	-2.14	4.636
14-9-P	48.25	48.25	-2135.85	-2.60	4.076
14-10-P	48.25	48.25	-2136.57	-1.30	3.884
14-11-P	48.25	48.25	-2137.78	0.91	4.006
14-12-P	48.25	48.25	-2138.54	2.34	4.386
14-13-P	48.25	48.25	-2138.93	3.06	5.174
14-14-P	48.25	48.25	2139.09	3.33	5.593
14-15-P	48.25	48.25	2138.94	3.05	4.982
14-16-P	48.25	48.25	2138.80	2.81	4.447
14-17-P	48.25	48.25	2138.68	2.58	3.993
14-18-P	48.25	48.25	2138.57	2.38	3.607
14-19-P	48.25	48.25	2138.47	2.20	3.278
14-20-P	48.25	96.51	3655.39	5.41	5.015
14-21-P	48.25	96.51	3654.65	4.61	4.523
14-22-P	48.25	96.51	3653.95	3.85	4.108
14-23-P	48.25	96.51	3653.27	3.12	3.755
14-24-P	48.25	48.25	3630.56	2.38	3.431
14-25-P	48.25	48.25	3629.99	1.75	3.233
14-26-P	48.25	48.25	3629.55	1.26	3.072
14-27-P	48.25	48.25	3629.23	0.91	2.929
14-28-P	48.25	48.25	3629.02	0.68	2.800
14-29-P	48.25	48.25	3628.84	0.48	2.672
14-30-P	48.25	48.25	3628.63	0.24	2.531
14-31-P	48.25	48.25	3628.49	0.09	2.402

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
14-32-P	48.25	48.25	3628.50	0.10	2.284
14-33-P	48.25	48.25	3628.61	0.22	2.150
14-34-P	48.25	48.25	3628.75	0.38	2.010
14-35-P	48.25	56.30	3634.50	0.58	1.893
14-36-P	48.25	56.30	3634.58	0.66	1.798
14-37-P	48.25	56.30	3634.53	0.61	1.722
14-38-P	48.25	96.51	5057.96	1.11	2.299
14-39-P	72.38	112.59	9674.53	1.05	4.201
14-40-P	72.38	112.59	9671.70	-0.68	4.027
14-41-P	72.38	112.59	-14418.72	-278.52	3.887
14-42-P	72.38	80.42	-10413.06	-164.65	2.097
14-43-P	72.38	56.30	-7340.17	-101.35	1.167
14-44-P	72.38	56.30	-7332.31	-106.01	1.090
14-45-P	72.38	56.30	-7254.83	-151.89	1.359
14-46-P	72.38	56.30	-7132.32	-224.42	1.805
14-47-P	72.38	56.30	-6905.69	-358.60	2.662
14-48-P	72.38	56.30	9087.71	-314.10	3.382
14-49-P	72.38	56.30	9030.28	-349.20	3.267
14-50-P	72.38	56.30	8987.54	-375.33	3.177
14-51-P	72.38	56.30	8953.80	-395.95	3.097
14-52-P	72.38	56.30	9029.61	-349.61	2.946
14-53-P	72.38	56.30	9204.71	-242.58	2.769
14-54-P	72.38	56.30	9347.95	-155.02	2.654
14-55-P	72.38	56.30	9379.25	-135.89	2.407
14-56-P	72.38	56.30	9530.19	-43.62	2.085
14-57-P	72.38	56.30	9642.02	25.70	1.962
14-58-P	72.38	56.30	9746.49	92.07	1.881
14-59-P	72.38	56.30	9850.26	158.00	1.820
14-60-P	72.38	56.30	9955.69	224.97	1.775
14-61-P	72.38	56.30	10029.08	271.59	1.716
14-62-P	72.38	56.30	9958.55	226.79	1.557
14-63-P	72.38	56.30	9902.80	191.37	1.428
14-64-P	72.38	56.30	9856.68	162.07	1.320
14-65-P	72.38	56.30	9809.72	132.24	1.169
14-66-P	88.47	56.30	11889.69	124.08	1.203
14-67-P	88.47	56.30	11849.87	98.62	1.050
14-68-P	88.47	56.30	11836.94	90.35	1.019
14-69-P	88.47	56.30	11839.08	91.72	1.071
14-70-P	88.47	80.42	11907.33	99.88	1.203
14-71-P	88.47	112.59	11986.35	117.60	1.453
14-72-P	88.47	112.59	12014.21	134.94	1.636
14-73-P	88.47	112.59	12042.29	152.40	1.792
14-74-P	88.47	96.51	9355.63	112.83	1.532
14-75-P	88.47	56.30	6651.69	61.94	1.181
14-76-P	72.38	56.30	5470.58	57.97	1.058
14-77-P	72.38	56.30	5476.09	64.10	1.152
14-78-P	72.38	48.25	5465.24	65.96	1.235
14-79-P	72.38	48.25	5466.97	67.90	1.332
14-80-P	72.38	48.25	5468.58	69.70	1.439
14-81-P	48.25	48.25	3671.95	48.17	1.037
14-82-P	48.25	48.25	3673.40	49.78	1.119
14-83-P	48.25	48.25	3675.07	51.63	1.215
14-84-P	48.25	48.25	3677.04	53.81	1.325
14-85-P	48.25	48.25	3679.35	56.36	1.442
14-86-P	48.25	48.25	3681.64	58.90	1.572
14-87-P	48.25	48.25	3684.22	61.75	1.725
14-88-P	48.25	48.25	3687.48	65.35	1.911
14-89-P	48.25	96.51	3719.11	74.18	2.158
14-90-P	48.25	96.51	3731.12	87.14	2.462
14-91-P	48.25	96.51	3747.24	104.53	2.868
14-92-P	48.25	96.51	3769.93	129.02	3.438
14-93-P	48.25	48.25	2167.90	56.76	2.446
14-94-P	48.25	48.25	2178.21	75.87	3.070
14-95-P	48.25	48.25	2137.81	0.96	3.969
14-96-P	48.25	48.25	2137.92	1.17	4.438
14-97-P	48.25	48.25	2138.08	1.46	4.989
14-98-P	48.25	48.25	2138.27	1.81	5.615
14-99-P	48.25	48.25	-2138.21	1.71	5.188
14-100-P	48.25	48.25	-2137.95	1.24	4.394
14-101-P	48.25	48.25	-2170.93	62.84	3.821
14-102-P	48.25	48.25	-2161.12	44.51	3.332
14-103-P	48.25	48.25	-2156.46	35.81	3.389
14-104-P	48.25	48.25	-2154.45	32.05	4.015
14-105-P	48.25	48.25	-2151.71	26.93	4.997
14-106-P	48.25	48.25	-2136.56	-1.32	6.465
14-107-P	48.25	48.25	-2136.92	-0.67	8.051
14-108-P	48.25	48.25	-2137.26	-0.05	8.876
14-109-P	48.25	48.25	-2137.47	0.33	9.549
14-110-P	48.25	48.25	-2137.50	0.39	10.321
14-111-P	48.25	48.25	-2137.54	0.47	11.196
15-1-P	40.21	40.21	-1781.96	-0.69	8.474
15-2-P	40.21	40.21	-1781.99	-0.63	7.540
15-3-P	40.21	40.21	-1782.02	-0.57	6.821
15-4-P	40.21	40.21	-1782.18	-0.29	6.258
15-5-P	40.21	40.21	-1782.43	0.17	5.686
15-6-P	40.21	40.21	-1782.71	0.69	4.691
15-7-P	40.21	40.21	-1782.98	1.19	4.017
15-8-P	40.21	40.21	-1783.20	1.61	3.510
15-9-P	40.21	40.21	-1783.40	1.99	3.136
15-10-P	40.21	40.21	-1782.87	1.00	3.045
15-11-P	40.21	40.21	-1781.93	-0.74	3.197
15-12-P	40.21	40.21	-1781.28	-1.92	3.562
15-13-P	40.21	40.21	-1780.92	-2.56	4.302

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
15-14-P	40.21	40.21	-1780.57	-3.21	5.380
15-15-P	40.21	40.21	-1780.17	-3.93	6.495
15-16-P	40.21	40.21	1780.36	-3.57	5.848
15-17-P	40.21	40.21	1780.59	-3.16	5.150
15-18-P	40.21	40.21	1780.79	-2.80	4.560
15-19-P	40.21	40.21	1780.97	-2.47	4.059
15-20-P	40.21	80.42	3036.53	-6.01	6.059
15-21-P	40.21	80.42	2892.15	-156.21	5.174
15-22-P	40.21	80.42	2914.47	-133.07	4.484
15-23-P	40.21	80.42	2931.19	-115.74	3.963
15-24-P	40.21	40.21	2930.41	-101.85	3.539
15-25-P	40.21	40.21	2938.83	-92.85	3.224
15-26-P	40.21	40.21	2940.54	-91.02	3.003
15-27-P	40.21	40.21	2941.74	-89.75	2.812
15-28-P	40.21	40.21	2942.91	-88.49	2.643
15-29-P	40.21	40.21	2943.92	-87.41	2.484
15-30-P	40.21	40.21	2944.99	-86.27	2.330
15-31-P	40.21	40.21	2946.17	-85.00	2.184
15-32-P	40.21	40.21	2947.33	-83.77	2.054
15-33-P	40.21	40.21	2948.36	-82.67	1.935
15-34-P	40.21	40.21	2949.57	-81.38	1.814
15-35-P	40.21	56.30	2958.72	-80.24	1.712
15-36-P	40.21	56.30	3034.53	0.16	1.618
15-37-P	40.21	56.30	3034.53	0.16	1.532
15-38-P	40.21	88.47	4263.67	-132.93	2.112
15-39-P	64.34	112.59	8126.60	-282.92	3.821
15-40-P	64.34	112.59	8163.42	-261.27	3.653
15-41-P	64.34	112.59	8611.21	2.48	3.500
15-42-P	64.34	88.47	-11422.44	-180.45	2.246
15-43-P	64.34	56.30	-7319.08	-109.30	1.221
15-44-P	64.34	56.30	-7301.03	-120.01	1.215
15-45-P	64.34	56.30	-7255.21	-147.20	1.358
15-46-P	64.34	56.30	-7163.01	-201.91	1.701
15-47-P	64.34	56.30	8570.98	13.59	2.586
15-48-P	64.34	56.30	8566.55	10.79	2.403
15-49-P	64.34	56.30	8560.25	6.80	2.237
15-50-P	64.34	56.30	8552.02	1.59	2.084
15-51-P	64.34	56.30	8541.82	-4.69	1.940
15-52-P	64.34	56.30	8534.60	-9.08	1.790
15-53-P	64.34	56.30	8529.98	-11.90	1.659
15-54-P	64.34	56.30	8525.36	-14.71	1.553
15-55-P	64.34	56.30	8520.68	-17.56	1.467
15-56-P	64.34	56.30	8515.76	-20.57	1.398
15-57-P	64.34	56.30	8516.30	-20.23	1.402
15-58-P	64.34	56.30	8524.26	-15.38	1.500
15-59-P	64.34	56.30	8533.14	-9.98	1.615
15-60-P	64.34	56.30	8941.41	248.15	1.630
15-61-P	64.34	56.30	8983.38	274.72	1.556
15-62-P	64.34	56.30	8916.16	232.16	1.401
15-63-P	64.34	56.30	8848.30	189.19	1.266
15-64-P	64.34	56.30	8788.66	151.42	1.154
15-65-P	64.34	56.30	8739.42	120.25	1.025
15-66-P	88.47	56.30	11903.73	133.06	1.214
15-67-P	88.47	56.30	11868.42	110.48	1.094
15-68-P	88.47	56.30	11841.95	93.55	1.018
15-69-P	88.47	56.30	11838.50	91.35	1.057
15-70-P	72.38	88.47	9784.77	84.72	1.006
15-71-P	72.38	112.59	9830.54	97.69	1.184
15-72-P	72.38	112.59	9853.35	111.81	1.337
15-73-P	72.38	112.59	9878.78	127.57	1.476
15-74-P	72.38	88.47	8102.47	100.05	1.341
15-75-P	80.42	56.30	6059.68	57.01	1.083
15-76-P	72.38	56.30	5470.28	57.63	1.059
15-77-P	64.34	56.30	4877.66	57.27	1.027
15-78-P	64.34	40.21	4856.75	58.57	1.095
15-79-P	64.34	40.21	4858.18	60.18	1.179
15-80-P	64.34	40.21	4859.72	61.90	1.277
15-81-P	64.34	40.21	4861.52	63.93	1.382
15-82-P	64.34	40.21	4863.52	66.18	1.487
15-83-P	40.21	40.21	3064.67	43.15	1.012
15-84-P	40.21	40.21	3066.16	44.80	1.101
15-85-P	40.21	40.21	3067.83	46.65	1.206
15-86-P	40.21	40.21	3069.76	48.79	1.318
15-87-P	40.21	40.21	3072.21	51.50	1.445
15-88-P	40.21	40.21	3076.58	56.35	1.601
15-89-P	40.21	80.42	3101.70	64.39	1.806
15-90-P	40.21	80.42	3111.09	74.56	2.057
15-91-P	40.21	80.42	3123.94	88.47	2.393
15-92-P	40.21	80.42	3142.34	108.39	2.864
15-93-P	40.21	40.21	1807.94	47.55	2.036
15-94-P	40.21	40.21	1816.52	63.48	2.555
15-95-P	40.21	40.21	1830.10	88.70	3.419
15-96-P	40.21	40.21	1856.19	137.16	5.147
15-97-P	40.21	40.21	-1781.33	-1.83	6.507
15-98-P	40.21	40.21	-1781.40	-1.70	5.409
15-99-P	40.21	40.21	-1781.57	-1.39	4.322
15-100-P	40.21	40.21	-1781.80	-0.98	3.576
15-101-P	40.21	40.21	-1810.39	52.50	3.189
15-102-P	40.21	40.21	-1802.20	37.17	2.780
15-103-P	40.21	40.21	-1798.32	29.90	2.828
15-104-P	40.21	40.21	-1796.64	26.76	3.350
15-105-P	40.21	40.21	-1783.12	1.46	4.025
15-106-P	40.21	40.21	-1782.86	0.98	4.700

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
15-107-P	40.21	40.21	-1782.61	0.50	5.697
15-108-P	40.21	40.21	-1782.37	0.06	6.270
15-109-P	40.21	40.21	-1782.22	-0.21	6.834
15-110-P	40.21	40.21	-1782.19	-0.27	7.552
15-111-P	40.21	40.21	-1782.15	-0.34	8.483
16-1-P	40.21	40.21	-1782.94	1.12	8.131
16-2-P	40.21	40.21	-1783.70	2.54	7.277
16-3-P	40.21	40.21	-1784.43	3.91	6.601
16-4-P	40.21	40.21	-1785.03	5.03	6.045
16-5-P	40.21	40.21	-1785.52	5.96	5.562
16-6-P	40.21	40.21	-1785.84	6.55	4.990
16-7-P	40.21	40.21	-1785.97	6.79	4.542
16-8-P	40.21	40.21	-1785.97	6.79	4.183
16-9-P	40.21	40.21	-1785.62	6.14	3.937
16-10-P	40.21	40.21	-1784.45	3.95	3.983
16-11-P	40.21	40.21	-1783.02	1.28	4.100
16-12-P	40.21	40.21	-1781.52	-1.49	4.253
16-13-P	40.21	40.21	-1779.96	-4.32	4.467
16-14-P	40.21	40.21	-1778.84	-6.33	4.941
16-15-P	40.21	40.21	-1778.17	-7.55	5.865
16-16-P	40.21	40.21	-1777.33	-9.08	7.213
16-17-P	40.21	40.21	1776.41	-10.68	8.537
16-18-P	40.21	40.21	1782.34	0.00	6.933
16-19-P	40.21	40.21	1782.34	0.00	5.449
16-20-P	40.21	80.42	2802.50	-249.15	7.345
16-21-P	40.21	80.42	2843.66	-206.47	6.102
16-22-P	40.21	80.42	2873.29	-175.76	5.215
16-23-P	40.21	80.42	2895.59	-152.65	4.551
16-24-P	40.21	40.21	2900.38	-133.93	4.018
16-25-P	40.21	40.21	2914.21	-119.16	3.606
16-26-P	40.21	40.21	2922.94	-109.83	3.288
16-27-P	40.21	40.21	2925.76	-106.82	3.029
16-28-P	40.21	40.21	2928.02	-104.40	2.798
16-29-P	40.21	40.21	2929.97	-102.32	2.599
16-30-P	40.21	40.21	2931.66	-100.51	2.426
16-31-P	40.21	40.21	2933.13	-98.94	2.275
16-32-P	40.21	40.21	2934.58	-97.40	2.138
16-33-P	40.21	40.21	2935.51	-96.39	2.001
16-34-P	40.21	40.21	2936.25	-95.61	1.871
16-35-P	40.21	40.21	2937.02	-94.78	1.757
16-36-P	40.21	56.30	2945.99	-93.74	1.660
16-37-P	40.21	56.30	2951.31	-88.09	1.570
16-38-P	40.21	56.30	3032.64	-1.85	1.482
16-39-P	40.21	88.47	4233.22	-154.53	2.010
16-40-P	64.34	112.59	8054.12	-325.55	3.627
16-41-P	64.34	112.59	8095.06	-301.47	3.447
16-42-P	64.34	112.59	8600.82	-3.82	3.177
16-43-P	64.34	88.47	8586.11	-1.33	2.940
16-44-P	64.34	56.30	-7185.32	-188.67	2.510
16-45-P	64.34	56.30	8555.22	3.61	2.547
16-46-P	64.34	56.30	8557.76	5.22	2.342
16-47-P	64.34	56.30	8559.16	6.11	2.148
16-48-P	64.34	56.30	8547.60	-1.16	1.950
16-49-P	64.34	56.30	8527.09	-13.66	1.768
16-50-P	64.34	56.30	8508.02	-25.28	1.617
16-51-P	64.34	56.30	8490.93	-35.69	1.485
16-52-P	64.34	56.30	8478.47	-43.28	1.312
16-53-P	64.34	56.30	8471.71	-47.40	1.182
16-54-P	64.34	56.30	8468.44	-49.39	1.120
16-55-P	64.34	56.30	8466.63	-50.49	1.084
16-56-P	64.34	56.30	8467.07	-50.23	1.062
16-57-P	64.34	56.30	8473.49	-46.31	1.071
16-58-P	64.34	56.30	8487.24	-37.94	1.128
16-59-P	64.34	56.30	8504.08	-27.68	1.219
16-60-P	64.34	56.30	8523.36	-15.93	1.329
16-61-P	64.34	56.30	8546.18	-2.03	1.461
16-62-P	64.34	56.30	8707.88	100.27	1.423
16-63-P	64.34	56.30	8691.52	89.92	1.317
16-64-P	64.34	56.30	8683.81	85.03	1.236
16-65-P	64.34	56.30	8681.06	83.30	1.169
16-66-P	64.34	56.30	8677.10	80.79	1.125
16-67-P	64.34	56.30	8670.96	76.90	1.105
16-68-P	64.34	56.30	8665.44	73.40	1.084
16-69-P	64.34	88.47	8700.98	70.25	1.065
16-70-P	64.34	112.59	8732.70	77.57	1.115
16-71-P	64.34	112.59	8746.18	85.90	1.175
16-72-P	64.34	112.59	8761.11	95.12	1.261
16-73-P	64.34	88.47	7191.20	73.38	1.116
16-74-P	80.42	56.30	6050.56	46.81	1.007
16-75-P	80.42	56.30	6055.51	52.35	1.082
16-76-P	80.42	56.30	6061.31	58.83	1.175
16-77-P	64.34	40.21	4849.58	50.49	1.012
16-78-P	64.34	40.21	4851.10	52.21	1.083
16-79-P	64.34	40.21	4852.64	53.94	1.166
16-80-P	64.34	40.21	4854.23	55.73	1.264
16-81-P	64.34	40.21	4855.90	57.60	1.363
16-82-P	64.34	40.21	4857.77	59.71	1.464
16-83-P	64.34	40.21	4859.95	62.17	1.583
16-84-P	40.21	40.21	3062.72	40.99	1.085
16-85-P	40.21	40.21	3064.70	43.19	1.190
16-86-P	40.21	40.21	3067.35	46.12	1.313
16-87-P	40.21	40.21	3071.93	51.19	1.441
16-88-P	40.21	40.21	3077.66	57.54	1.595

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
16-89-P	40.21	80.42	3102.83	65.61	1.797
16-90-P	40.21	80.42	3111.76	75.27	2.041
16-91-P	40.21	80.42	3123.49	87.98	2.362
16-92-P	40.21	80.42	3139.61	105.43	2.802
16-93-P	40.21	40.21	1806.47	44.81	1.961
16-94-P	40.21	40.21	1813.36	57.61	2.484
16-95-P	40.21	40.21	1824.13	77.61	3.332
16-96-P	40.21	40.21	1843.77	114.09	4.932
16-97-P	40.21	40.21	-1781.25	-1.98	5.798
16-98-P	40.21	40.21	-1781.28	-1.93	4.915
16-99-P	40.21	40.21	-1781.84	-0.91	4.463
16-100-P	40.21	40.21	-1782.89	1.03	4.262
16-101-P	40.21	40.21	-1784.02	3.14	4.111
16-102-P	40.21	40.21	-1785.18	5.32	3.992
16-103-P	40.21	40.21	-1786.14	7.11	3.943
16-104-P	40.21	40.21	-1786.40	7.60	4.190
16-105-P	40.21	40.21	-1786.34	7.49	4.551
16-106-P	40.21	40.21	-1786.16	7.16	5.002
16-107-P	40.21	40.21	-1785.81	6.49	5.577
16-108-P	40.21	40.21	-1785.33	5.59	6.061
16-109-P	40.21	40.21	-1784.75	4.51	6.617
16-110-P	40.21	40.21	-1784.04	3.17	7.294
16-111-P	40.21	40.21	-1783.29	1.78	8.147
17-1-P	40.21	40.21	-1786.87	8.48	7.953
17-2-P	40.21	40.21	-1787.16	9.01	7.207
17-3-P	40.21	40.21	-1787.26	9.21	6.630
17-4-P	40.21	40.21	-1787.21	9.11	6.175
17-5-P	40.21	40.21	-1787.10	8.91	5.784
17-6-P	40.21	40.21	-1786.78	8.32	5.267
17-7-P	40.21	40.21	-1786.39	7.58	4.745
17-8-P	40.21	40.21	-1785.82	6.51	4.179
17-9-P	40.21	40.21	-1785.18	5.32	3.634
17-10-P	40.21	40.21	-1784.41	3.87	3.216
17-11-P	40.21	40.21	-1783.54	2.25	3.279
17-12-P	40.21	40.21	-1782.52	0.34	3.499
17-13-P	40.21	40.21	-1781.32	-1.85	3.732
17-14-P	40.21	40.21	-1779.80	-4.61	4.147
17-15-P	40.21	40.21	-1777.74	-8.33	5.331
17-16-P	40.21	40.21	-1775.91	-11.65	7.055
17-17-P	40.21	40.21	1782.34	0.00	9.075
17-18-P	40.21	40.21	1782.34	0.00	6.690
17-19-P	40.21	40.21	1782.34	0.00	5.298
17-20-P	40.21	64.34	2787.94	0.00	6.932
17-21-P	40.21	80.42	3042.24	0.00	6.555
17-22-P	40.21	80.42	2852.81	-196.99	5.653
17-23-P	40.21	80.42	2880.96	-167.81	4.881
17-24-P	40.21	56.30	2897.72	-144.92	4.286
17-25-P	40.21	40.21	2907.02	-126.84	3.816
17-26-P	40.21	40.21	2915.63	-117.64	3.426
17-27-P	40.21	40.21	2920.54	-112.39	3.101
17-28-P	40.21	40.21	2924.29	-108.39	2.839
17-29-P	40.21	40.21	2927.16	-105.32	2.623
17-30-P	40.21	40.21	2929.33	-103.00	2.443
17-31-P	40.21	40.21	2930.59	-101.66	2.283
17-32-P	40.21	40.21	2931.35	-100.85	2.138
17-33-P	40.21	40.21	2932.00	-100.15	2.010
17-34-P	40.21	40.21	2932.55	-99.56	1.889
17-35-P	40.21	40.21	2933.38	-98.67	1.768
17-36-P	40.21	40.21	2934.95	-97.00	1.650
17-37-P	40.21	72.38	2950.39	-94.63	1.549
17-38-P	40.21	72.38	3033.12	-7.38	1.435
17-39-P	40.21	72.38	3032.93	-7.57	1.332
17-40-P	40.21	88.47	3966.33	-12.51	1.604
17-41-P	72.38	120.64	8782.17	-35.99	3.274
17-42-P	72.38	144.76	9617.69	-44.95	3.308
17-43-P	72.38	144.76	9612.04	-48.26	3.038
17-44-P	72.38	128.68	9595.46	-53.38	2.789
17-45-P	72.38	96.51	9565.60	-55.68	2.567
17-46-P	72.38	72.38	9533.60	-57.48	2.341
17-47-P	72.38	72.38	9522.67	-64.12	2.110
17-48-P	72.38	72.38	9511.85	-70.69	1.906
17-49-P	72.38	72.38	9501.64	-76.89	1.730
17-50-P	72.38	72.38	9489.45	-84.29	1.553
17-51-P	72.38	72.38	9483.59	-87.85	1.356
17-52-P	72.38	72.38	9481.95	-88.84	1.185
17-53-P	72.38	72.38	9493.34	-81.93	1.007
17-54-P	96.51	96.51	12678.58	-92.44	1.121
17-55-P	96.51	96.51	12703.35	-77.40	1.028
17-56-P	96.51	96.51	12719.14	-67.82	1.079
17-57-P	96.51	96.51	12733.70	-58.98	1.181
17-58-P	72.38	72.38	9566.79	-37.33	1.005
17-59-P	72.38	72.38	9579.34	-29.71	1.199
17-60-P	72.38	72.38	9588.13	-24.37	1.340
17-61-P	72.38	72.38	9595.65	-19.80	1.496
17-62-P	72.38	72.38	9605.78	-13.65	1.695
17-63-P	72.38	72.38	9702.14	46.52	1.622
17-64-P	72.38	72.38	9705.09	48.38	1.570
17-65-P	72.38	72.38	9709.88	51.40	1.529
17-66-P	72.38	96.51	9746.13	54.90	1.499
17-67-P	72.38	128.68	9779.80	58.61	1.499
17-68-P	72.38	144.76	9801.77	64.10	1.501
17-69-P	72.38	144.76	9815.28	72.16	1.512
17-70-P	72.38	120.64	8937.90	68.07	1.408

Is	Afi	Afs	M_u	N_u	FS
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17-71-P	72.38	88.47	7190.99	51.20	1.167
17-72-P	80.42	72.38	6065.47	37.31	1.021
17-73-P	80.42	72.38	6069.81	42.11	1.078
17-74-P	72.38	72.38	5475.54	42.12	1.032
17-75-P	72.38	40.21	5431.66	44.91	1.081
17-76-P	72.38	40.21	5433.41	46.89	1.141
17-77-P	72.38	40.21	5434.89	48.56	1.220
17-78-P	72.38	40.21	5436.45	50.34	1.316
17-79-P	72.38	40.21	5438.27	52.39	1.415
17-80-P	72.38	40.21	5440.34	54.73	1.508
17-81-P	72.38	40.21	5442.64	57.33	1.611
17-82-P	72.38	40.21	5445.05	60.06	1.732
17-83-P	40.21	40.21	3057.61	35.33	1.053
17-84-P	40.21	40.21	3059.17	37.05	1.152
17-85-P	40.21	40.21	3062.01	40.20	1.259
17-86-P	40.21	40.21	3066.20	44.85	1.375
17-87-P	40.21	56.30	3080.58	50.61	1.519
17-88-P	40.21	80.42	3095.51	57.68	1.696
17-89-P	40.21	80.42	3103.54	66.38	1.913
17-90-P	40.21	80.42	3113.76	77.45	2.194
17-91-P	40.21	64.34	2853.26	77.46	2.344
17-92-P	40.21	40.21	1803.19	38.72	1.759
17-93-P	40.21	40.21	1808.63	48.83	2.174
17-94-P	40.21	40.21	1817.44	65.18	2.845
17-95-P	40.21	40.21	1834.15	96.23	4.117
17-96-P	40.21	40.21	-1782.29	-0.08	5.207
17-97-P	40.21	40.21	-1782.88	1.00	4.074
17-98-P	40.21	40.21	-1783.61	2.38	3.685
17-99-P	40.21	40.21	-1784.26	3.60	3.471
17-100-P	40.21	40.21	-1784.82	4.64	3.266
17-101-P	40.21	40.21	-1785.33	5.60	3.213
17-102-P	40.21	40.21	-1785.94	6.74	3.634
17-103-P	40.21	40.21	-1786.44	7.68	4.180
17-104-P	40.21	40.21	-1786.85	8.45	4.749
17-105-P	40.21	40.21	-1787.09	8.88	5.273
17-106-P	40.21	40.21	-1787.27	9.22	5.793
17-107-P	40.21	40.21	-1787.34	9.36	6.186
17-108-P	40.21	40.21	-1787.37	9.41	6.644
17-109-P	40.21	40.21	-1787.23	9.16	7.224
17-110-P	40.21	40.21	-1786.92	8.57	7.973
18-1-P	40.21	40.21	-1784.70	4.54	8.588
18-2-P	40.21	40.21	-1785.14	5.24	7.749
18-3-P	40.21	40.21	-1785.53	5.97	7.051
18-4-P	40.21	40.21	-1785.91	6.68	6.425
18-5-P	40.21	40.21	-1786.26	7.34	5.866
18-6-P	40.21	40.21	-1785.89	6.65	5.002
18-7-P	40.21	40.21	-1784.60	4.23	3.856
18-8-P	40.21	40.21	-1783.76	2.65	3.127
18-9-P	40.21	40.21	-1783.19	1.60	2.639
18-10-P	40.21	40.21	-1782.81	0.88	2.312
18-11-P	40.21	40.21	-1782.44	0.19	2.178
18-12-P	40.21	40.21	-1781.59	-1.35	2.444
18-13-P	40.21	40.21	-1780.28	-3.72	2.975
18-14-P	40.21	40.21	-1778.21	-7.48	3.845
18-15-P	40.21	40.21	-1774.53	-14.14	5.438
18-16-P	40.21	40.21	-1770.53	-21.39	7.506
18-17-P	40.21	40.21	1782.34	0.00	8.057
18-18-P	40.21	40.21	1782.34	0.00	6.323
18-19-P	40.21	40.21	1782.34	0.00	5.242
18-20-P	40.21	40.21	2030.96	0.00	5.099
18-21-P	40.21	64.34	2787.94	0.00	6.084
18-22-P	40.21	80.42	3042.24	0.00	5.848
18-23-P	40.21	80.42	2875.96	-173.00	5.114
18-24-P	40.21	80.42	2900.31	-147.75	4.448
18-25-P	40.21	56.30	2913.50	-128.20	3.895
18-26-P	40.21	40.21	2917.26	-115.90	3.456
18-27-P	40.21	40.21	2924.39	-108.28	3.116
18-28-P	40.21	40.21	2929.00	-103.35	2.839
18-29-P	40.21	40.21	2932.77	-99.32	2.608
18-30-P	40.21	40.21	2935.65	-96.25	2.413
18-31-P	40.21	40.21	2937.70	-94.06	2.246
18-32-P	40.21	40.21	2939.10	-92.56	2.102
18-33-P	40.21	40.21	2939.97	-91.63	1.977
18-34-P	40.21	40.21	2941.63	-89.86	1.842
18-35-P	40.21	40.21	3013.05	-13.54	1.684
18-36-P	40.21	40.21	3013.33	-13.24	1.524
18-37-P	40.21	40.21	3013.38	-13.19	1.399
18-38-P	40.21	40.21	3012.47	-14.16	1.303
18-39-P	40.21	40.21	3011.59	-15.10	1.219
18-40-P	40.21	40.21	3011.07	-15.66	1.135
18-41-P	40.21	72.38	3024.72	-16.23	1.041
18-42-P	40.21	80.42	3464.76	-21.64	1.091
18-43-P	40.21	104.55	4014.96	-29.58	1.164
18-44-P	40.21	112.59	4448.78	-37.17	1.179
18-45-P	72.38	128.68	8753.84	-83.71	2.104
18-46-P	72.38	128.68	9323.74	-97.93	2.050
18-47-P	72.38	112.59	9500.01	-103.72	1.917
18-48-P	72.38	104.55	9492.27	-104.37	1.732
18-49-P	72.38	96.51	9483.41	-105.21	1.565
18-50-P	72.38	80.42	9467.37	-104.15	1.400
18-51-P	72.38	72.38	9463.44	-100.08	1.243
18-52-P	72.38	72.38	9482.97	-88.23	1.064
18-53-P	104.55	104.55	13731.90	-101.36	1.276

Is	Afi	Afs	M_u	N_u	FS
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18-54-P	104.55	104.55	13761.64	-83.31	1.121
18-55-P	104.55	104.55	13782.79	-70.48	1.027
18-56-P	104.55	104.55	13787.51	-67.62	1.119
18-57-P	104.55	104.55	13790.97	-65.52	1.277
18-58-P	72.38	72.38	9556.38	-43.65	1.047
18-59-P	72.38	72.38	9558.87	-42.14	1.257
18-60-P	72.38	80.42	9571.31	-41.21	1.380
18-61-P	72.38	96.51	9591.38	-40.15	1.529
18-62-P	72.38	104.55	9601.10	-38.93	1.710
18-63-P	72.38	112.59	9726.05	32.96	1.907
18-64-P	72.38	128.68	9544.92	38.25	1.826
18-65-P	72.38	128.68	8941.41	39.61	1.676
18-66-P	72.38	112.59	8120.91	37.67	1.492
18-67-P	72.38	104.55	7306.00	35.24	1.334
18-68-P	72.38	80.42	6274.82	30.13	1.153
18-69-P	72.38	72.38	5460.81	25.90	1.011
18-70-P	72.38	40.21	5417.20	28.56	1.022
18-71-P	72.38	40.21	5419.48	31.14	1.057
18-72-P	72.38	40.21	5421.28	33.18	1.091
18-73-P	72.38	40.21	5422.47	34.52	1.128
18-74-P	72.38	40.21	5423.65	35.85	1.180
18-75-P	72.38	40.21	5424.99	37.37	1.235
18-76-P	72.38	40.21	5426.47	39.04	1.294
18-77-P	72.38	40.21	5428.02	40.80	1.359
18-78-P	72.38	40.21	5429.58	42.56	1.431
18-79-P	72.38	40.21	5431.26	44.46	1.517
18-80-P	72.38	40.21	5433.11	46.56	1.622
18-81-P	72.38	40.21	5435.24	48.96	1.742
18-82-P	40.21	40.21	3051.99	29.10	1.056
18-83-P	40.21	40.21	3054.19	31.54	1.142
18-84-P	40.21	40.21	3057.40	35.09	1.234
18-85-P	40.21	56.30	3070.39	39.45	1.347
18-86-P	40.21	80.42	3083.44	44.62	1.484
18-87-P	40.21	80.42	3089.11	50.76	1.650
18-88-P	40.21	80.42	3096.21	58.44	1.858
18-89-P	40.21	64.34	2836.51	57.60	1.941
18-90-P	40.21	40.21	2053.42	36.72	1.610
18-91-P	40.21	40.21	1800.92	34.51	1.627
18-92-P	40.21	40.21	1805.47	42.97	1.924
18-93-P	40.21	40.21	1812.10	55.26	2.370
18-94-P	40.21	40.21	1822.74	75.03	3.121
18-95-P	40.21	40.21	1836.40	100.39	4.212
18-96-P	40.21	40.21	-1781.94	-0.72	3.827
18-97-P	40.21	40.21	-1782.70	0.68	2.962
18-98-P	40.21	40.21	-1783.19	1.59	2.435
18-99-P	40.21	40.21	-1783.55	2.26	2.172
18-100-P	40.21	40.21	-1783.76	2.66	2.308
18-101-P	40.21	40.21	-1784.04	3.18	2.634
18-102-P	40.21	40.21	-1784.47	3.99	3.122
18-103-P	40.21	40.21	-1785.13	5.22	3.851
18-104-P	40.21	40.21	-1786.14	7.11	4.999
18-105-P	40.21	40.21	-1786.36	7.53	5.865
18-106-P	40.21	40.21	-1785.99	6.84	6.426
18-107-P	40.21	40.21	-1785.60	6.11	7.054
18-108-P	40.21	40.21	-1785.21	5.36	7.755
18-109-P	40.21	40.21	-1784.76	4.65	8.599
19-1-P	40.21	40.21	-1780.15	-0.22	12.063
19-2-P	40.21	40.21	-1782.91	1.07	7.683
19-3-P	40.21	40.21	-1783.69	2.53	6.758
19-4-P	40.21	40.21	-1784.32	3.70	6.041
19-5-P	40.21	40.21	-1784.90	4.78	5.495
19-6-P	40.21	40.21	-1785.11	5.18	4.879
19-7-P	40.21	40.21	-1784.58	4.18	4.213
19-8-P	40.21	40.21	-1783.96	3.03	3.737
19-9-P	40.21	40.21	-1783.47	2.11	3.362
19-10-P	40.21	40.21	-1782.99	1.21	3.071
19-11-P	40.21	40.21	-1782.00	-0.61	3.148
19-12-P	40.21	40.21	-1780.50	-3.34	3.473
19-13-P	40.21	40.21	-1778.51	-6.93	3.894
19-14-P	40.21	40.21	-1776.03	-11.42	4.344
19-15-P	40.21	40.21	-1772.95	-17.00	5.211
19-16-P	40.21	40.21	-1767.99	-25.99	7.054
19-17-P	40.21	40.21	1782.34	0.00	7.400
19-18-P	40.21	40.21	1782.34	0.00	5.995
19-19-P	40.21	40.21	1782.34	0.00	5.049
19-20-P	40.21	40.21	1782.34	0.00	4.375
19-21-P	40.21	48.25	2283.40	0.00	4.934
19-22-P	40.21	64.34	2787.94	0.00	5.315
19-23-P	40.21	80.42	2883.87	-164.80	4.840
19-24-P	40.21	80.42	2907.20	-140.61	4.180
19-25-P	40.21	72.38	2924.25	-122.20	3.678
19-26-P	40.21	56.30	2932.94	-107.57	3.278
19-27-P	40.21	40.21	2935.68	-96.21	2.949
19-28-P	40.21	40.21	2942.83	-88.58	2.682
19-29-P	40.21	40.21	2947.56	-83.52	2.463
19-30-P	40.21	40.21	2950.52	-80.36	2.282
19-31-P	40.21	40.21	2952.54	-78.20	2.128
19-32-P	40.21	40.21	2954.37	-76.25	1.992
19-33-P	40.21	40.21	3004.89	-22.27	1.821
19-34-P	40.21	40.21	3005.65	-21.45	1.639
19-35-P	40.21	40.21	3006.30	-20.76	1.490
19-36-P	40.21	40.21	3006.88	-20.14	1.365
19-37-P	40.21	40.21	3007.34	-19.65	1.259

Is	Afi	Afs	M_u	N_u	FS
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19-38-P	40.21	40.21	3007.31	-19.68	1.171
19-39-P	40.21	40.21	3007.51	-19.47	1.066
19-40-P	64.34	40.21	4776.54	-30.55	1.548
19-41-P	64.34	40.21	4776.75	-30.32	1.428
19-42-P	64.34	40.21	4776.86	-30.20	1.325
19-43-P	64.34	40.21	4777.31	-29.71	1.209
19-44-P	64.34	40.21	4777.88	-29.09	1.100
19-45-P	64.34	40.21	4778.32	-28.61	1.010
19-46-P	88.47	40.21	6998.65	-44.07	1.359
19-47-P	88.47	56.30	7515.00	-48.96	1.335
19-48-P	88.47	72.38	8021.64	-54.22	1.316
19-49-P	88.47	80.42	8511.11	-59.30	1.286
19-50-P	88.47	88.47	8764.26	-59.11	1.212
19-51-P	88.47	120.64	9040.82	-58.92	1.162
19-52-P	88.47	104.55	9268.51	-58.35	1.120
19-53-P	88.47	96.51	9266.32	-52.94	1.068
19-54-P	88.47	56.30	9200.75	-50.34	1.049
19-55-P	88.47	64.34	9219.66	-49.34	1.058
19-56-P	88.47	64.34	9221.00	-48.30	1.119
19-57-P	88.47	72.38	8998.18	-45.60	1.173
19-58-P	88.47	56.30	8727.02	-43.39	1.227
19-59-P	88.47	48.25	8468.93	-41.03	1.288
19-60-P	88.47	48.25	7992.47	-35.91	1.307
19-61-P	88.47	40.21	7493.46	-30.92	1.327
19-62-P	88.47	40.21	7015.99	-26.28	1.357
19-63-P	64.34	40.21	4789.85	-16.10	1.010
19-64-P	64.34	40.21	4818.04	15.01	1.076
19-65-P	64.34	40.21	4819.60	16.77	1.055
19-66-P	64.34	40.21	4820.98	18.32	1.052
19-67-P	64.34	40.21	4822.07	19.54	1.061
19-68-P	64.34	40.21	4822.84	20.41	1.070
19-69-P	64.34	40.21	4823.64	21.31	1.078
19-70-P	64.34	40.21	4824.50	22.28	1.104
19-71-P	64.34	40.21	4825.42	23.31	1.133
19-72-P	64.34	40.21	4826.36	24.38	1.161
19-73-P	64.34	40.21	4827.36	25.50	1.192
19-74-P	64.34	40.21	4828.42	26.70	1.233
19-75-P	64.34	40.21	4829.60	28.01	1.286
19-76-P	64.34	40.21	4830.89	29.47	1.347
19-77-P	64.34	40.21	4832.31	31.06	1.414
19-78-P	64.34	40.21	4833.87	32.83	1.488
19-79-P	64.34	40.21	4835.68	34.86	1.573
19-80-P	40.21	40.21	3047.12	23.71	1.054
19-81-P	40.21	40.21	3049.47	26.31	1.130
19-82-P	40.21	56.30	3061.42	29.63	1.223
19-83-P	40.21	72.38	3070.93	33.48	1.331
19-84-P	40.21	80.42	3077.35	38.02	1.457
19-85-P	40.21	80.42	3082.39	43.48	1.608
19-86-P	40.21	64.34	2823.66	42.37	1.640
19-87-P	40.21	48.25	2306.58	33.66	1.510
19-88-P	40.21	40.21	1794.56	22.69	1.312
19-89-P	40.21	40.21	1795.87	25.13	1.481
19-90-P	40.21	40.21	1797.95	28.99	1.708
19-91-P	40.21	40.21	1800.99	34.63	2.026
19-92-P	40.21	40.21	1805.43	42.89	2.473
19-93-P	40.21	40.21	1809.50	50.44	2.866
19-94-P	40.21	40.21	1811.34	53.86	3.206
19-95-P	40.21	40.21	1811.48	54.13	3.624
19-96-P	40.21	40.21	-1783.07	1.36	3.473
19-97-P	40.21	40.21	-1783.87	2.86	3.145
19-98-P	40.21	40.21	-1784.42	3.90	3.066
19-99-P	40.21	40.21	-1784.69	4.41	3.356
19-100-P	40.21	40.21	-1784.93	4.86	3.732
19-101-P	40.21	40.21	-1785.24	5.43	4.207
19-102-P	40.21	40.21	-1785.50	5.92	4.873
19-103-P	40.21	40.21	-1785.20	5.35	5.490
19-104-P	40.21	40.21	-1784.60	4.22	6.037
19-105-P	40.21	40.21	-1783.95	3.02	6.755
19-106-P	40.21	40.21	-1783.16	1.54	7.684
19-107-P	24.13	24.13	-1070.37	0.12	7.255
20-1-P	40.21	40.21	-1779.09	-1.15	13.833
20-2-P	40.21	40.21	-1782.54	0.37	7.802
20-3-P	40.21	40.21	-1783.68	2.50	6.983
20-4-P	40.21	40.21	-1784.60	4.23	6.316
20-5-P	40.21	40.21	-1785.36	5.65	5.764
20-6-P	40.21	40.21	-1785.68	6.26	5.336
20-7-P	40.21	40.21	-1785.02	5.02	4.907
20-8-P	40.21	40.21	-1783.43	2.04	4.599
20-9-P	40.21	40.21	-1781.76	-1.04	4.348
20-10-P	40.21	40.21	-1780.24	-3.81	4.121
20-11-P	40.21	40.21	-1778.86	-6.30	3.916
20-12-P	40.21	40.21	-1777.70	-8.40	3.678
20-13-P	40.21	40.21	-1776.82	-9.99	3.385
20-14-P	40.21	40.21	-1775.20	-12.93	3.677
20-15-P	40.21	40.21	-1771.57	-19.50	4.733
20-16-P	40.21	40.21	-1764.99	-31.42	6.615
20-17-P	40.21	40.21	1782.34	0.00	6.930
20-18-P	40.21	40.21	1782.34	0.00	5.866
20-19-P	40.21	40.21	1782.34	0.00	5.017
20-20-P	40.21	40.21	1782.34	0.00	4.255
20-21-P	40.21	40.21	1740.68	-75.05	3.581
20-22-P	40.21	48.25	1985.04	-77.79	3.390
20-23-P	40.21	64.34	2459.65	-99.31	3.590

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
20-24-P	40.21	72.38	2925.82	-120.54	3.725
20-25-P	40.21	80.42	2941.24	-105.32	3.301
20-26-P	40.21	72.38	2951.96	-92.97	2.956
20-27-P	40.21	56.30	2956.27	-82.83	2.673
20-28-P	40.21	48.25	2960.53	-74.47	2.439
20-29-P	40.21	40.21	2993.71	-34.21	2.210
20-30-P	40.21	40.21	2995.57	-32.22	2.014
20-31-P	40.21	40.21	2997.14	-30.55	1.854
20-32-P	40.21	40.21	2998.60	-28.98	1.673
20-33-P	40.21	40.21	3000.04	-27.45	1.510
20-34-P	40.21	40.21	3001.22	-26.18	1.377
20-35-P	40.21	40.21	3002.21	-25.13	1.266
20-36-P	40.21	40.21	3003.05	-24.23	1.171
20-37-P	40.21	40.21	3003.77	-23.45	1.089
20-38-P	72.38	40.21	5354.97	-40.31	1.778
20-39-P	72.38	40.21	5356.22	-38.95	1.634
20-40-P	72.38	40.21	5357.30	-37.77	1.514
20-41-P	72.38	40.21	5358.18	-36.81	1.413
20-42-P	72.38	40.21	5359.22	-35.68	1.314
20-43-P	72.38	40.21	5360.45	-34.34	1.212
20-44-P	72.38	40.21	5361.60	-33.09	1.120
20-45-P	72.38	40.21	5362.57	-32.02	1.045
20-46-P	96.51	40.21	7100.80	-40.80	1.304
20-47-P	96.51	40.21	7102.02	-39.39	1.234
20-48-P	96.51	40.21	7103.06	-38.20	1.173
20-49-P	96.51	40.21	7104.15	-36.95	1.123
20-50-P	96.51	40.21	7105.36	-35.56	1.085
20-51-P	96.51	40.21	7106.25	-34.53	1.057
20-52-P	96.51	40.21	7106.83	-33.88	1.041
20-53-P	96.51	40.21	7107.01	-33.66	1.044
20-54-P	96.51	40.21	7106.94	-33.74	1.062
20-55-P	96.51	40.21	7106.74	-33.97	1.090
20-56-P	96.51	40.21	7106.46	-34.30	1.129
20-57-P	96.51	40.21	7106.20	-34.59	1.180
20-58-P	96.51	40.21	7105.99	-34.84	1.240
20-59-P	96.51	40.21	7105.84	-35.01	1.313
20-60-P	72.38	40.21	5367.69	-26.44	1.058
20-61-P	72.38	40.21	5367.73	-26.40	1.132
20-62-P	72.38	40.21	5367.74	-26.39	1.217
20-63-P	72.38	40.21	5367.72	-26.41	1.317
20-64-P	72.38	40.21	5405.18	14.97	1.406
20-65-P	72.38	40.21	5406.03	15.93	1.415
20-66-P	72.38	40.21	5406.91	16.93	1.424
20-67-P	72.38	40.21	5407.82	17.95	1.432
20-68-P	72.38	40.21	5408.74	18.99	1.439
20-69-P	72.38	40.21	5409.67	20.05	1.456
20-70-P	72.38	40.21	5410.68	21.19	1.494
20-71-P	72.38	40.21	5411.76	22.41	1.534
20-72-P	72.38	40.21	5412.87	23.67	1.574
20-73-P	72.38	40.21	5414.05	25.00	1.617
20-74-P	72.38	40.21	5415.31	26.43	1.670
20-75-P	72.38	40.21	5416.96	28.29	1.748
20-76-P	40.21	40.21	3041.50	17.48	1.035
20-77-P	40.21	48.25	3048.42	19.72	1.093
20-78-P	40.21	56.30	3054.80	22.37	1.156
20-79-P	40.21	72.38	3063.46	25.36	1.228
20-80-P	40.21	80.42	3068.76	28.72	1.310
20-81-P	40.21	72.38	3070.12	32.60	1.414
20-82-P	40.21	64.34	2558.55	26.28	1.292
20-83-P	40.21	48.25	2046.62	19.89	1.145
20-84-P	40.21	40.21	1792.21	18.33	1.121
20-85-P	40.21	40.21	1794.27	22.16	1.273
20-86-P	40.21	40.21	1796.86	26.96	1.468
20-87-P	40.21	40.21	1797.50	28.15	1.657
20-88-P	40.21	40.21	1797.62	28.38	1.867
20-89-P	40.21	40.21	1797.44	28.05	2.098
20-90-P	40.21	40.21	1796.51	26.31	2.321
20-91-P	40.21	40.21	1795.46	24.36	2.548
20-92-P	40.21	40.21	1794.23	22.07	2.730
20-93-P	40.21	40.21	1792.26	18.42	2.866
20-94-P	40.21	40.21	1790.98	16.04	3.047
20-95-P	40.21	40.21	1789.82	13.89	3.270
20-96-P	40.21	40.21	1788.47	11.38	3.526
20-97-P	40.21	40.21	1786.88	8.44	3.819
20-98-P	40.21	40.21	1784.94	4.83	4.136
20-99-P	40.21	40.21	1782.94	1.12	4.394
20-100-P	40.21	40.21	1782.21	-0.24	4.625
20-101-P	40.21	40.21	1781.16	-2.12	4.854
20-102-P	40.21	40.21	1780.01	-4.20	5.110
20-103-P	40.21	40.21	1778.72	-6.52	5.398
20-104-P	24.13	24.13	1067.20	-4.16	5.879
21-1-P	32.17	32.17	-1423.11	-1.51	12.411
21-2-P	32.17	32.17	-1425.73	-2.45	6.476
21-3-P	40.21	40.21	-1780.35	-3.61	7.241
21-4-P	40.21	40.21	-1780.00	-4.23	6.842
21-5-P	40.21	40.21	-1779.70	-4.79	6.481
21-6-P	40.21	40.21	-1779.42	-5.28	6.151
21-7-P	40.21	40.21	-1778.84	-6.34	5.801
21-8-P	40.21	40.21	-1777.91	-8.02	5.243
21-9-P	40.21	40.21	-1777.35	-9.03	4.257
21-10-P	40.21	40.21	-1777.24	-9.23	3.444
21-11-P	40.21	40.21	-1777.17	-9.36	2.892
21-12-P	40.21	40.21	-1777.11	-9.48	2.497

Is	Afi	Afs	M_u	N_u	FS
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21-13-P	40.21	40.21	-1776.79	-10.06	2.302
21-14-P	40.21	40.21	-1775.19	-12.95	2.594
21-15-P	40.21	40.21	-1772.29	-18.20	3.190
21-16-P	40.21	40.21	-1767.14	-27.53	4.296
21-17-P	40.21	40.21	1782.34	0.00	6.177
21-18-P	40.21	40.21	1727.30	-99.16	5.144
21-19-P	40.21	40.21	1737.01	-81.66	4.215
21-20-P	40.21	40.21	1746.68	-64.23	3.466
21-21-P	40.21	40.21	1753.79	-51.43	2.908
21-22-P	40.21	40.21	1758.32	-43.28	2.511
21-23-P	40.21	40.21	2000.01	-49.02	2.513
21-24-P	40.21	56.30	2247.68	-54.24	2.513
21-25-P	40.21	64.34	2491.83	-58.70	2.505
21-26-P	40.21	72.38	2753.96	-41.69	2.470
21-27-P	40.21	80.42	2998.70	-45.75	2.399
21-28-P	40.21	72.38	2999.75	-42.57	2.163
21-29-P	40.21	56.30	2996.69	-39.97	1.952
21-30-P	40.21	48.25	2994.93	-37.86	1.774
21-31-P	40.21	40.21	2991.97	-36.07	1.625
21-32-P	40.21	40.21	2993.60	-34.32	1.489
21-33-P	40.21	40.21	2995.32	-32.49	1.361
21-34-P	40.21	40.21	2996.92	-30.78	1.246
21-35-P	40.21	40.21	2998.34	-29.26	1.148
21-36-P	40.21	40.21	2999.58	-27.94	1.065
21-37-P	64.34	40.21	4765.55	-42.47	1.572
21-38-P	64.34	40.21	4767.23	-40.65	1.458
21-39-P	64.34	40.21	4768.72	-39.03	1.357
21-40-P	64.34	40.21	4769.98	-37.66	1.271
21-41-P	64.34	40.21	4771.02	-36.53	1.201
21-42-P	64.34	40.21	4771.97	-35.50	1.140
21-43-P	64.34	40.21	4772.92	-34.47	1.086
21-44-P	64.34	40.21	4773.90	-33.41	1.033
21-45-P	80.42	40.21	5939.54	-40.30	1.222
21-46-P	80.42	40.21	5940.59	-39.15	1.166
21-47-P	80.42	40.21	5941.45	-38.21	1.120
21-48-P	80.42	40.21	5941.82	-37.81	1.100
21-49-P	80.42	40.21	5942.03	-37.57	1.092
21-50-P	80.42	40.21	5942.27	-37.31	1.084
21-51-P	80.42	40.21	5942.53	-37.03	1.077
21-52-P	80.42	40.21	5942.82	-36.71	1.071
21-53-P	80.42	40.21	5942.90	-36.62	1.078
21-54-P	80.42	40.21	5942.62	-36.92	1.107
21-55-P	80.42	40.21	5942.31	-37.27	1.140
21-56-P	80.42	40.21	5941.98	-37.63	1.176
21-57-P	80.42	40.21	5941.61	-38.03	1.216
21-58-P	64.34	40.21	4776.17	-30.94	1.023
21-59-P	64.34	40.21	4775.82	-31.33	1.080
21-60-P	64.34	40.21	4775.46	-31.72	1.139
21-61-P	64.34	40.21	4775.07	-32.14	1.205
21-62-P	64.34	40.21	4774.63	-32.62	1.279
21-63-P	64.34	40.21	4774.11	-33.18	1.366
21-64-P	64.34	40.21	4773.41	-33.94	1.467
21-65-P	64.34	40.21	4815.48	12.13	1.489
21-66-P	64.34	40.21	4816.12	12.85	1.501
21-67-P	64.34	40.21	4816.65	13.45	1.515
21-68-P	64.34	40.21	4817.21	14.07	1.529
21-69-P	64.34	40.21	4817.88	14.83	1.550
21-70-P	40.21	40.21	3034.81	10.07	1.002
21-71-P	40.21	40.21	3035.80	11.16	1.034
21-72-P	40.21	48.25	3041.99	12.65	1.071
21-73-P	40.21	56.30	3047.60	14.48	1.112
21-74-P	40.21	72.38	3055.33	16.53	1.158
21-75-P	40.21	80.42	3059.82	19.04	1.224
21-76-P	40.21	72.38	2805.96	18.51	1.192
21-77-P	40.21	64.34	2551.79	17.49	1.152
21-78-P	40.21	56.30	2297.44	15.99	1.103
21-79-P	40.21	40.21	2039.56	14.05	1.041
21-80-P	48.25	40.21	2140.34	14.14	1.163
21-81-P	40.21	40.21	1789.64	13.57	1.056
21-82-P	40.21	40.21	1791.29	16.62	1.189
21-83-P	40.21	40.21	1793.33	20.40	1.349
21-84-P	40.21	40.21	1795.01	23.52	1.537
21-85-P	40.21	40.21	1795.48	24.40	1.742
21-86-P	40.21	40.21	1795.04	23.58	1.972
21-87-P	40.21	40.21	1794.13	21.90	2.241
21-88-P	40.21	40.21	1792.61	19.07	2.537
21-89-P	40.21	40.21	-1778.53	-6.90	2.316
21-90-P	40.21	40.21	-1778.64	-6.69	2.511
21-91-P	40.21	40.21	1784.42	3.87	2.830
21-92-P	40.21	40.21	1781.54	-1.45	2.824
21-93-P	40.21	40.21	1778.61	-6.71	2.828
21-94-P	40.21	40.21	1775.95	-11.51	2.886
21-95-P	40.21	40.21	1774.39	-14.31	3.030
21-96-P	40.21	40.21	1774.03	-14.98	3.199
21-97-P	40.21	40.21	1774.26	-14.56	3.376
21-98-P	40.21	40.21	1774.52	-14.09	3.574
21-99-P	40.21	40.21	1774.81	-13.56	3.796
21-100-P	32.17	32.17	1421.17	-10.65	3.396
21-101-P	16.08	16.08	711.11	-5.06	3.362
22-1-P	32.17	32.17	-1413.77	-17.66	17.817
22-2-P	32.17	32.17	-1413.44	-22.84	9.043
22-3-P	40.21	40.21	-1766.24	-29.16	8.765
22-4-P	40.21	40.21	-1767.78	-26.38	7.956

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
22-5-P	40.21	40.21	-1769.29	-23.64	7.244
22-6-P	40.21	40.21	-1770.55	-21.35	6.650
22-7-P	40.21	40.21	-1771.85	-19.00	5.750
22-8-P	40.21	40.21	-1773.03	-16.86	4.566
22-9-P	40.21	40.21	-1773.69	-15.67	3.837
22-10-P	40.21	40.21	-1774.06	-14.99	3.437
22-11-P	40.21	40.21	-1774.27	-14.61	3.222
22-12-P	40.21	40.21	-1774.09	-14.93	3.113
22-13-P	40.21	40.21	-1771.68	-19.30	3.440
22-14-P	40.21	40.21	-1768.32	-25.40	3.904
22-15-P	40.21	40.21	1762.24	-36.21	4.130
22-16-P	40.21	40.21	1760.75	-38.89	3.694
22-17-P	40.21	40.21	1759.57	-41.01	3.323
22-18-P	40.21	40.21	1759.59	-40.98	3.074
22-19-P	40.21	40.21	1760.17	-39.93	2.852
22-20-P	40.21	40.21	1761.83	-36.95	2.570
22-21-P	40.21	40.21	1763.62	-33.73	2.307
22-22-P	40.21	40.21	1765.48	-30.38	2.071
22-23-P	40.21	40.21	1769.73	-22.72	1.833
22-24-P	40.21	40.21	1770.63	-21.10	1.637
22-25-P	40.21	48.25	2018.39	-25.21	1.671
22-26-P	40.21	48.25	2262.87	-28.89	1.658
22-27-P	40.21	56.30	2509.80	-32.80	1.652
22-28-P	40.21	64.34	2513.99	-30.72	1.502
22-29-P	40.21	72.38	2759.91	-34.86	1.512
22-30-P	40.21	72.38	3002.94	-39.20	1.520
22-31-P	40.21	64.34	3002.29	-37.26	1.403
22-32-P	40.21	56.30	3001.11	-35.29	1.281
22-33-P	40.21	48.25	2998.86	-33.68	1.180
22-34-P	40.21	40.21	2995.43	-32.37	1.097
22-35-P	40.21	40.21	2996.38	-31.35	1.029
22-36-P	64.34	40.21	4760.02	-48.47	1.542
22-37-P	64.34	40.21	4761.44	-46.93	1.460
22-38-P	64.34	40.21	4762.82	-45.43	1.388
22-39-P	64.34	40.21	4764.07	-44.07	1.324
22-40-P	64.34	40.21	4765.21	-42.83	1.265
22-41-P	64.34	40.21	4766.26	-41.70	1.211
22-42-P	64.34	40.21	4767.25	-40.63	1.161
22-43-P	64.34	40.21	4768.28	-39.50	1.114
22-44-P	64.34	40.21	4768.80	-38.95	1.087
22-45-P	64.34	40.21	4768.97	-38.76	1.075
22-46-P	64.34	40.21	4769.16	-38.55	1.063
22-47-P	64.34	40.21	4769.43	-38.26	1.050
22-48-P	64.34	40.21	4769.70	-37.97	1.037
22-49-P	64.34	40.21	4769.97	-37.68	1.024
22-50-P	64.34	40.21	4769.95	-37.69	1.033
22-51-P	64.34	40.21	4769.81	-37.84	1.050
22-52-P	64.34	40.21	4769.63	-38.04	1.070
22-53-P	64.34	40.21	4769.41	-38.28	1.092
22-54-P	64.34	40.21	4769.21	-38.50	1.117
22-55-P	64.34	40.21	4768.72	-39.03	1.156
22-56-P	64.34	40.21	4768.08	-39.73	1.211
22-57-P	64.34	40.21	4767.39	-40.47	1.269
22-58-P	64.34	40.21	4766.69	-41.23	1.332
22-59-P	64.34	40.21	4765.94	-42.05	1.400
22-60-P	64.34	40.21	4765.16	-42.89	1.472
22-61-P	64.34	40.21	4764.59	-43.51	1.549
22-62-P	40.21	40.21	2999.75	-27.76	1.030
22-63-P	40.21	40.21	2999.23	-28.31	1.095
22-64-P	40.21	48.25	3038.73	9.05	1.127
22-65-P	40.21	56.30	3043.37	9.85	1.140
22-66-P	40.21	64.34	3047.26	10.61	1.153
22-67-P	40.21	72.38	3050.98	11.80	1.182
22-68-P	40.21	72.38	2799.85	11.30	1.126
22-69-P	40.21	64.34	2546.53	10.66	1.064
22-70-P	40.21	56.30	2545.02	12.15	1.107
22-71-P	40.21	48.25	2291.17	11.29	1.038
22-72-P	48.25	48.25	2443.08	12.42	1.154
22-73-P	48.25	40.21	2138.41	10.54	1.065
22-74-P	48.25	40.21	2138.77	11.21	1.126
22-75-P	40.21	40.21	1787.77	10.08	1.000
22-76-P	40.21	40.21	1788.20	10.87	1.065
22-77-P	40.21	40.21	1788.54	11.52	1.134
22-78-P	40.21	40.21	1788.83	12.05	1.208
22-79-P	40.21	40.21	1788.93	12.23	1.281
22-80-P	40.21	40.21	1788.94	12.26	1.388
22-81-P	40.21	40.21	1788.31	11.09	1.521
22-82-P	40.21	40.21	1787.56	9.70	1.668
22-83-P	40.21	40.21	1786.54	7.80	1.846
22-84-P	40.21	40.21	1785.33	5.56	2.041
22-85-P	40.21	40.21	1783.86	2.83	2.256
22-86-P	40.21	40.21	1782.33	-0.02	2.408
22-87-P	40.21	40.21	1780.57	-3.20	2.561
22-88-P	40.21	40.21	1778.39	-7.12	2.678
22-89-P	40.21	40.21	1775.86	-11.67	2.751
22-90-P	40.21	40.21	1773.72	-15.54	2.774
22-91-P	40.21	40.21	1772.91	-17.00	2.837
22-92-P	40.21	40.21	1772.73	-17.31	2.926
22-93-P	40.21	40.21	1772.55	-17.64	3.021
22-94-P	40.21	40.21	1772.42	-17.87	3.140
22-95-P	32.17	32.17	1418.08	-14.36	3.222
22-96-P	16.08	16.08	709.18	-7.01	3.416
23-1-P	24.13	24.13	1082.42	27.13	16.402

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
23-2-P	24.13	24.13	1083.54	25.21	7.496
23-3-P	40.21	40.21	1803.34	39.20	7.820
23-4-P	40.21	40.21	1802.68	37.78	7.347
23-5-P	40.21	40.21	1801.88	36.30	6.940
23-6-P	40.21	40.21	1800.82	34.31	6.519
23-7-P	40.21	40.21	1797.72	28.57	5.934
23-8-P	40.21	40.21	1793.64	20.99	5.233
23-9-P	40.21	40.21	1791.50	17.00	4.602
23-10-P	40.21	40.21	1791.04	16.16	4.093
23-11-P	40.21	40.21	1771.02	-20.40	3.705
23-12-P	40.21	40.21	1770.39	-21.53	3.341
23-13-P	40.21	40.21	1769.89	-22.43	3.032
23-14-P	40.21	40.21	1769.28	-23.53	2.813
23-15-P	40.21	40.21	1767.94	-25.94	2.774
23-16-P	40.21	40.21	1766.23	-29.02	2.804
23-17-P	40.21	40.21	1764.70	-31.78	2.812
23-18-P	40.21	40.21	1764.66	-31.85	2.655
23-19-P	40.21	40.21	1765.81	-29.78	2.384
23-20-P	40.21	40.21	1766.85	-27.90	2.151
23-21-P	40.21	40.21	1767.92	-25.98	1.930
23-22-P	40.21	40.21	1769.13	-23.80	1.704
23-23-P	40.21	40.21	1770.36	-21.57	1.496
23-24-P	40.21	40.21	1771.35	-19.80	1.334
23-25-P	40.21	40.21	1772.22	-18.23	1.192
23-26-P	40.21	40.21	1772.94	-16.93	1.077
23-27-P	56.30	40.21	2469.01	-22.15	1.371
23-28-P	56.30	40.21	2810.50	-27.48	1.459
23-29-P	56.30	48.25	2817.68	-27.00	1.385
23-30-P	56.30	48.25	3158.85	-32.62	1.451
23-31-P	56.30	56.30	3165.55	-31.55	1.359
23-32-P	56.30	56.30	3506.30	-37.43	1.413
23-33-P	56.30	56.30	3507.11	-36.38	1.331
23-34-P	56.30	56.30	3846.74	-42.64	1.380
23-35-P	56.30	56.30	3847.77	-41.44	1.307
23-36-P	56.30	56.30	4186.88	-47.36	1.351
23-37-P	56.30	48.25	4181.03	-45.80	1.292
23-38-P	56.30	56.30	4189.46	-44.60	1.248
23-39-P	56.30	48.25	4183.25	-43.41	1.209
23-40-P	56.30	48.25	4184.20	-42.39	1.175
23-41-P	56.30	48.25	4185.09	-41.43	1.143
23-42-P	56.30	40.21	4176.73	-40.87	1.119
23-43-P	56.30	40.21	4176.65	-40.95	1.107
23-44-P	56.30	40.21	4176.58	-41.02	1.097
23-45-P	56.30	40.21	4176.55	-41.06	1.089
23-46-P	56.30	40.21	4176.61	-41.00	1.084
23-47-P	56.30	40.21	4176.66	-40.95	1.086
23-48-P	56.30	40.21	4176.71	-40.89	1.094
23-49-P	56.30	40.21	4176.82	-40.77	1.107
23-50-P	56.30	40.21	4176.94	-40.64	1.121
23-51-P	56.30	48.25	4185.60	-40.88	1.143
23-52-P	56.30	48.25	4184.94	-41.59	1.174
23-53-P	56.30	48.25	4184.17	-42.42	1.208
23-54-P	56.30	56.30	4190.60	-43.39	1.250
23-55-P	56.30	48.25	4182.45	-44.27	1.296
23-56-P	56.30	56.30	4188.70	-45.41	1.356
23-57-P	56.30	56.30	3849.63	-39.27	1.311
23-58-P	56.30	56.30	3848.97	-40.04	1.383
23-59-P	56.30	56.30	3509.05	-33.91	1.333
23-60-P	56.30	56.30	3508.48	-34.64	1.414
23-61-P	56.30	56.30	3167.37	-28.98	1.360
23-62-P	56.30	48.25	3187.99	9.05	1.434
23-63-P	56.30	48.25	2839.33	7.70	1.288
23-64-P	56.30	40.21	2832.79	8.49	1.300
23-65-P	56.30	40.21	2485.23	7.64	1.174
23-66-P	56.30	40.21	2486.13	9.33	1.227
23-67-P	56.30	40.21	2487.14	11.23	1.287
23-68-P	56.30	40.21	2488.22	13.26	1.353
23-69-P	40.21	40.21	1788.34	11.14	1.023
23-70-P	40.21	40.21	1788.89	12.17	1.093
23-71-P	40.21	40.21	1788.78	11.97	1.187
23-72-P	40.21	40.21	1788.33	11.12	1.277
23-73-P	40.21	40.21	1787.59	9.75	1.368
23-74-P	40.21	40.21	1786.57	7.86	1.461
23-75-P	40.21	40.21	1785.10	5.12	1.510
23-76-P	40.21	40.21	1783.24	1.67	1.500
23-77-P	40.21	40.21	1781.34	-1.81	1.482
23-78-P	40.21	40.21	1779.73	-4.71	1.493
23-79-P	40.21	40.21	1778.74	-6.48	1.568
23-80-P	40.21	40.21	1778.08	-7.67	1.655
23-81-P	40.21	40.21	1777.59	-8.55	1.733
23-82-P	40.21	40.21	1777.34	-9.00	1.820
23-83-P	40.21	40.21	1777.37	-8.95	1.945
23-84-P	40.21	40.21	1776.76	-10.05	2.090
23-85-P	40.21	40.21	1775.49	-12.34	2.243
23-86-P	40.21	40.21	1774.55	-14.03	2.378
23-87-P	40.21	40.21	1774.23	-14.61	2.490
23-88-P	40.21	40.21	1773.99	-15.04	2.600
23-89-P	40.21	40.21	1773.68	-15.41	2.741
23-90-P	24.13	24.13	1064.64	-9.62	2.528
23-91-P	8.04	8.04	355.66	-3.35	1.774
24-1-P	16.08	16.08	719.44	13.68	8.606
24-2-P	16.08	16.08	721.21	13.20	3.938
24-3-P	32.17	32.17	1439.75	25.42	4.808

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
24-4-P	40.21	40.21	1798.98	30.90	4.585
24-5-P	40.21	40.21	1798.82	30.60	4.260
24-6-P	40.21	40.21	1766.01	-29.42	3.902
24-7-P	40.21	40.21	1767.06	-27.53	3.537
24-8-P	40.21	40.21	1767.47	-26.79	3.246
24-9-P	40.21	40.21	1767.50	-26.73	3.042
24-10-P	40.21	40.21	1767.57	-26.60	2.884
24-11-P	40.21	40.21	1767.34	-27.03	2.786
24-12-P	40.21	40.21	1765.98	-29.47	2.810
24-13-P	40.21	40.21	1764.44	-32.24	2.850
24-14-P	40.21	40.21	1763.15	-34.57	2.860
24-15-P	40.21	40.21	1762.20	-36.28	2.835
24-16-P	40.21	40.21	1762.14	-36.39	2.718
24-17-P	40.21	40.21	1764.61	-31.94	2.298
24-18-P	40.21	40.21	1766.71	-28.15	1.953
24-19-P	40.21	40.21	1768.46	-25.01	1.675
24-20-P	40.21	40.21	1769.86	-22.49	1.455
24-21-P	40.21	40.21	1770.90	-20.61	1.292
24-22-P	40.21	40.21	1771.39	-19.72	1.199
24-23-P	40.21	40.21	1771.65	-19.25	1.133
24-24-P	40.21	40.21	1771.71	-19.15	1.087
24-25-P	40.21	40.21	1771.75	-19.08	1.046
24-26-P	40.21	40.21	1771.81	-18.97	1.006
24-27-P	56.30	40.21	2466.80	-26.18	1.343
24-28-P	56.30	40.21	2467.27	-25.32	1.265
24-29-P	56.30	40.21	2468.01	-23.98	1.175
24-30-P	56.30	40.21	2468.67	-22.78	1.099
24-31-P	56.30	40.21	2469.28	-21.67	1.033
24-32-P	72.38	40.21	3157.85	-26.37	1.247
24-33-P	72.38	40.21	3158.41	-25.29	1.187
24-34-P	72.38	40.21	3158.76	-24.62	1.150
24-35-P	72.38	40.21	3159.08	-24.01	1.116
24-36-P	72.38	40.21	3159.36	-23.49	1.085
24-37-P	72.38	40.21	3597.58	-29.71	1.202
24-38-P	72.38	40.21	3597.90	-29.19	1.172
24-39-P	72.38	48.25	3609.69	-28.84	1.148
24-40-P	72.38	48.25	3609.55	-29.07	1.146
24-41-P	72.38	48.25	3609.44	-29.25	1.149
24-42-P	72.38	48.25	3609.43	-29.26	1.150
24-43-P	72.38	40.21	3597.94	-29.12	1.146
24-44-P	72.38	48.25	3609.49	-29.16	1.149
24-45-P	72.38	48.25	3609.55	-29.07	1.148
24-46-P	72.38	48.25	3609.68	-28.86	1.144
24-47-P	72.38	48.25	3609.83	-28.60	1.146
24-48-P	72.38	40.21	3598.15	-28.76	1.170
24-49-P	72.38	40.21	3597.95	-29.10	1.201
24-50-P	72.38	40.21	3159.68	-22.87	1.083
24-51-P	72.38	40.21	3159.47	-23.26	1.115
24-52-P	72.38	40.21	3159.22	-23.76	1.150
24-53-P	72.38	40.21	3158.93	-24.30	1.187
24-54-P	72.38	40.21	3158.37	-25.37	1.247
24-55-P	56.30	40.21	2469.69	-20.91	1.033
24-56-P	56.30	40.21	2469.09	-22.01	1.099
24-57-P	56.30	40.21	2468.46	-23.17	1.176
24-58-P	56.30	40.21	2467.76	-24.43	1.265
24-59-P	56.30	40.21	2467.36	-25.17	1.344
24-60-P	56.30	40.21	2482.75	2.97	1.385
24-61-P	40.21	40.21	1783.78	2.67	1.002
24-62-P	40.21	40.21	1784.07	3.21	1.009
24-63-P	40.21	40.21	1784.38	3.79	1.018
24-64-P	40.21	40.21	1784.88	4.71	1.044
24-65-P	40.21	40.21	1785.53	5.93	1.095
24-66-P	40.21	40.21	1785.34	5.58	1.191
24-67-P	40.21	40.21	1784.62	4.24	1.315
24-68-P	40.21	40.21	1783.73	2.59	1.463
24-69-P	40.21	40.21	1782.71	0.69	1.631
24-70-P	40.21	40.21	1781.40	-1.69	1.820
24-71-P	40.21	40.21	1779.77	-4.63	1.825
24-72-P	40.21	40.21	1778.09	-7.66	1.790
24-73-P	40.21	40.21	1776.43	-10.64	1.747
24-74-P	40.21	40.21	1774.90	-13.41	1.696
24-75-P	40.21	40.21	1773.54	-15.85	1.654
24-76-P	40.21	40.21	1773.32	-16.25	1.665
24-77-P	40.21	40.21	1773.44	-16.04	1.696
24-78-P	40.21	40.21	1773.55	-15.84	1.732
24-79-P	40.21	40.21	1773.72	-15.53	1.792
24-80-P	40.21	40.21	1773.99	-15.04	1.886
24-81-P	40.21	40.21	1774.23	-14.60	1.979
24-82-P	40.21	40.21	1774.44	-14.23	2.072
24-83-P	32.17	32.17	1419.74	-11.39	2.109
24-84-P	16.08	16.08	710.91	-5.78	1.668
24-85-P	8.04	8.04	355.43	-2.93	1.761
25-1-P	16.08	16.08	704.11	-13.88	6.855
25-2-P	16.08	16.08	705.55	-14.00	3.197
25-3-P	24.13	24.13	1058.29	-21.06	2.984
25-4-P	32.17	32.17	1410.83	-28.29	2.860
25-5-P	40.21	40.21	1762.76	-35.28	3.041
25-6-P	40.21	40.21	1762.99	-34.86	2.941
25-7-P	40.21	40.21	1763.32	-34.27	2.845
25-8-P	40.21	40.21	1763.74	-33.51	2.740
25-9-P	40.21	40.21	1764.32	-32.47	2.543
25-10-P	40.21	40.21	1764.82	-31.56	2.377
25-11-P	40.21	40.21	1765.19	-30.89	2.241

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
25-12-P	40.21	40.21	1765.48	-30.37	2.127
25-13-P	40.21	40.21	1766.21	-29.05	1.960
25-14-P	40.21	40.21	1767.50	-26.74	1.736
25-15-P	40.21	40.21	1768.42	-25.08	1.564
25-16-P	40.21	40.21	1769.05	-23.95	1.435
25-17-P	40.21	40.21	1769.45	-23.23	1.336
25-18-P	40.21	40.21	1769.65	-22.86	1.266
25-19-P	40.21	40.21	1769.65	-22.86	1.228
25-20-P	40.21	40.21	1769.66	-22.85	1.190
25-21-P	40.21	40.21	1769.68	-22.81	1.152
25-22-P	40.21	40.21	1769.54	-23.06	1.131
25-23-P	40.21	40.21	1769.03	-23.98	1.146
25-24-P	40.21	40.21	1768.17	-25.53	1.190
25-25-P	40.21	40.21	1767.80	-26.20	1.201
25-26-P	40.21	40.21	1769.00	-24.03	1.098
25-27-P	64.34	40.21	2809.10	-34.80	1.586
25-28-P	64.34	40.21	2810.69	-31.79	1.443
25-29-P	64.34	40.21	2812.11	-29.11	1.313
25-30-P	64.34	40.21	2813.31	-26.84	1.200
25-31-P	64.34	40.21	2813.65	-26.19	1.168
25-32-P	64.34	40.21	2813.84	-25.82	1.147
25-33-P	64.34	40.21	2814.03	-25.47	1.125
25-34-P	64.34	40.21	2814.21	-25.13	1.103
25-35-P	64.34	40.21	2814.35	-24.87	1.082
25-36-P	64.34	40.21	2814.03	-25.46	1.097
25-37-P	64.34	40.21	2813.65	-26.18	1.113
25-38-P	64.34	40.21	2813.23	-26.98	1.131
25-39-P	64.34	40.21	2812.78	-27.84	1.152
25-40-P	64.34	40.21	2812.76	-27.87	1.152
25-41-P	64.34	40.21	2813.17	-27.09	1.132
25-42-P	64.34	40.21	2813.55	-26.38	1.113
25-43-P	64.34	40.21	2813.89	-25.74	1.097
25-44-P	64.34	40.21	2814.18	-25.19	1.082
25-45-P	64.34	40.21	2814.16	-25.23	1.104
25-46-P	64.34	40.21	2814.10	-25.33	1.126
25-47-P	64.34	40.21	2814.04	-25.45	1.148
25-48-P	64.34	40.21	2813.98	-25.57	1.169
25-49-P	64.34	40.21	2813.75	-26.01	1.201
25-50-P	64.34	40.21	2812.50	-28.36	1.314
25-51-P	64.34	40.21	2811.03	-31.15	1.443
25-52-P	64.34	40.21	2809.37	-34.29	1.587
25-53-P	40.21	40.21	1769.13	-23.80	1.099
25-54-P	40.21	40.21	1767.86	-26.09	1.201
25-55-P	40.21	40.21	1768.08	-25.69	1.190
25-56-P	40.21	40.21	1768.80	-24.39	1.145
25-57-P	40.21	40.21	1769.24	-23.61	1.131
25-58-P	40.21	40.21	1769.38	-23.35	1.151
25-59-P	40.21	40.21	1778.21	-7.44	1.178
25-60-P	40.21	40.21	1779.34	-5.41	1.193
25-61-P	40.21	40.21	1780.79	-2.79	1.210
25-62-P	40.21	40.21	1781.12	-2.20	1.250
25-63-P	40.21	40.21	1780.79	-2.79	1.307
25-64-P	40.21	40.21	1780.30	-3.67	1.381
25-65-P	40.21	40.21	1779.61	-4.92	1.476
25-66-P	40.21	40.21	1778.73	-6.50	1.596
25-67-P	40.21	40.21	1777.66	-8.43	1.655
25-68-P	40.21	40.21	1776.59	-10.36	1.664
25-69-P	40.21	40.21	1775.55	-12.24	1.676
25-70-P	40.21	40.21	1774.55	-14.03	1.693
25-71-P	40.21	40.21	1773.60	-15.74	1.713
25-72-P	40.21	40.21	1773.46	-16.00	1.739
25-73-P	40.21	40.21	1773.51	-15.91	1.768
25-74-P	40.21	40.21	1773.60	-15.75	1.798
25-75-P	32.17	32.17	1419.60	-12.49	1.651
25-76-P	24.13	24.13	1064.85	-9.25	1.664
25-77-P	16.08	16.08	709.93	-6.11	1.715
25-78-P	8.04	8.04	354.99	-3.02	1.769
26-1-P	8.04	8.04	352.47	-6.96	3.041
26-2-P	8.04	8.04	353.98	-6.73	1.455
26-3-P	16.08	16.08	706.92	-12.95	1.847
26-4-P	24.13	24.13	1059.95	-18.67	1.983
26-5-P	32.17	32.17	1412.91	-24.23	2.017
26-6-P	40.21	40.21	1765.79	-29.82	2.018
26-7-P	40.21	40.21	1765.97	-29.49	1.897
26-8-P	40.21	40.21	1766.10	-29.25	1.790
26-9-P	40.21	40.21	1766.34	-28.82	1.688
26-10-P	40.21	40.21	1766.59	-28.37	1.594
26-11-P	40.21	40.21	1766.83	-27.94	1.510
26-12-P	40.21	40.21	1767.00	-27.63	1.439
26-13-P	40.21	40.21	1767.13	-27.40	1.379
26-14-P	40.21	40.21	1767.09	-27.47	1.351
26-15-P	40.21	40.21	1767.04	-27.56	1.325
26-16-P	40.21	40.21	1767.01	-27.62	1.300
26-17-P	40.21	40.21	1766.96	-27.70	1.276
26-18-P	40.21	40.21	1765.99	-29.46	1.328
26-19-P	40.21	40.21	1765.16	-30.95	1.368
26-20-P	40.21	40.21	1764.81	-31.58	1.374
26-21-P	40.21	40.21	1764.98	-31.27	1.342
26-22-P	40.21	40.21	1766.10	-29.26	1.235
26-23-P	40.21	40.21	1767.56	-26.63	1.105
26-24-P	56.30	40.21	2462.54	-33.94	1.386
26-25-P	56.30	40.21	2463.89	-31.48	1.265
26-26-P	56.30	40.21	2464.81	-29.80	1.177

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	[cmq]	[kNm]	[kN]	
26-27-P	56.30	40.21	2464.88	-29.69	1.161
26-28-P	56.30	40.21	2464.87	-29.70	1.153
26-29-P	56.30	40.21	2464.84	-29.75	1.147
26-30-P	56.30	40.21	2464.84	-29.75	1.139
26-31-P	56.30	40.21	2464.16	-30.99	1.186
26-32-P	56.30	40.21	2462.88	-33.33	1.277
26-33-P	56.30	40.21	2461.51	-35.82	1.374
26-34-P	56.30	40.21	2460.08	-38.42	1.474
26-35-P	56.30	40.21	2458.96	-40.47	1.544
26-36-P	56.30	40.21	2459.96	-38.65	1.474
26-37-P	56.30	40.21	2461.26	-36.29	1.375
26-38-P	56.30	40.21	2462.50	-34.02	1.277
26-39-P	56.30	40.21	2463.69	-31.86	1.186
26-40-P	56.30	40.21	2464.37	-30.62	1.140
26-41-P	56.30	40.21	2464.54	-30.31	1.147
26-42-P	56.30	40.21	2464.73	-29.96	1.154
26-43-P	56.30	40.21	2464.91	-29.64	1.161
26-44-P	56.30	40.21	2464.97	-29.53	1.177
26-45-P	56.30	40.21	2464.00	-31.29	1.265
26-46-P	56.30	40.21	2462.57	-33.89	1.386
26-47-P	40.21	40.21	1767.51	-26.72	1.105
26-48-P	40.21	40.21	1765.96	-29.51	1.235
26-49-P	40.21	40.21	1764.73	-31.72	1.342
26-50-P	40.21	40.21	1764.44	-32.24	1.373
26-51-P	40.21	40.21	1764.66	-31.85	1.367
26-52-P	40.21	40.21	1765.36	-30.59	1.327
26-53-P	40.21	40.21	1766.23	-29.02	1.275
26-54-P	40.21	40.21	1766.29	-28.92	1.299
26-55-P	40.21	40.21	1766.34	-28.83	1.324
26-56-P	40.21	40.21	1766.43	-28.66	1.350
26-57-P	40.21	40.21	1766.55	-28.45	1.378
26-58-P	40.21	40.21	1775.88	-11.64	1.437
26-59-P	40.21	40.21	1775.85	-11.70	1.473
26-60-P	40.21	40.21	1775.98	-11.46	1.513
26-61-P	40.21	40.21	1776.26	-10.96	1.552
26-62-P	40.21	40.21	1776.48	-10.56	1.592
26-63-P	40.21	40.21	1776.36	-10.77	1.626
26-64-P	40.21	40.21	1776.18	-11.09	1.661
26-65-P	32.17	32.17	1421.26	-9.20	1.574
26-66-P	24.13	24.13	1066.19	-7.43	1.453
26-67-P	16.08	16.08	711.14	-5.36	1.283
26-68-P	16.08	8.04	704.02	-5.47	1.936
26-69-P	8.04	8.04	354.76	-2.84	1.984
27-1-P	16.08	8.04	695.02	-11.84	4.783
27-2-P	8.04	8.04	353.90	-5.98	1.143
27-3-P	16.08	16.08	706.55	-11.85	1.510
27-4-P	16.08	16.08	707.38	-12.00	1.151
27-5-P	24.13	24.13	1059.70	-18.31	1.390
27-6-P	32.17	32.17	1411.91	-24.80	1.542
27-7-P	32.17	32.17	1412.61	-25.20	1.315
27-8-P	40.21	40.21	1764.63	-31.78	1.459
27-9-P	40.21	40.21	1764.79	-31.62	1.422
27-10-P	40.21	40.21	1765.02	-31.20	1.396
27-11-P	40.21	40.21	1765.38	-30.56	1.368
27-12-P	40.21	40.21	1765.81	-29.78	1.334
27-13-P	40.21	40.21	1766.13	-29.20	1.283
27-14-P	40.21	40.21	1766.40	-28.71	1.239
27-15-P	40.21	40.21	1766.61	-28.34	1.198
27-16-P	40.21	40.21	1766.70	-28.18	1.163
27-17-P	40.21	40.21	1767.05	-27.55	1.105
27-18-P	40.21	40.21	1767.24	-27.21	1.062
27-19-P	40.21	40.21	1767.34	-27.03	1.026
27-20-P	48.25	40.21	2115.06	-32.09	1.186
27-21-P	48.25	40.21	2115.17	-31.88	1.150
27-22-P	48.25	40.21	2115.07	-32.08	1.145
27-23-P	48.25	40.21	2115.00	-32.20	1.150
27-24-P	48.25	40.21	2114.99	-32.21	1.159
27-25-P	48.25	40.21	2114.98	-32.23	1.170
27-26-P	40.21	40.21	1767.05	-27.55	1.008
27-27-P	40.21	40.21	1766.39	-28.74	1.061
27-28-P	40.21	40.21	1766.07	-29.30	1.082
27-29-P	40.21	40.21	1766.03	-29.38	1.082
27-30-P	40.21	40.21	1765.99	-29.46	1.082
27-31-P	40.21	40.21	1766.20	-29.08	1.061
27-32-P	40.21	40.21	1766.76	-28.06	1.008
27-33-P	48.25	40.21	2114.59	-32.94	1.170
27-34-P	48.25	40.21	2114.59	-32.94	1.159
27-35-P	48.25	40.21	2114.61	-32.90	1.150
27-36-P	48.25	40.21	2114.74	-32.67	1.145
27-37-P	48.25	40.21	2114.94	-32.32	1.150
27-38-P	48.25	40.21	2114.81	-32.54	1.186
27-39-P	40.21	40.21	1767.11	-27.43	1.026
27-40-P	40.21	40.21	1767.00	-27.64	1.062
27-41-P	40.21	40.21	1766.79	-28.01	1.105
27-42-P	40.21	40.21	1766.39	-28.73	1.163
27-43-P	40.21	40.21	1766.23	-29.01	1.198
27-44-P	40.21	40.21	1765.94	-29.55	1.239
27-45-P	40.21	40.21	1765.57	-30.22	1.282
27-46-P	40.21	40.21	1765.14	-30.99	1.333
27-47-P	40.21	40.21	1764.67	-31.83	1.366
27-48-P	40.21	40.21	1764.30	-32.50	1.395
27-49-P	40.21	40.21	1764.06	-32.92	1.421
27-50-P	40.21	40.21	1763.91	-33.08	1.457

Is	Afi	Afs	M_u	N_u	FS
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27-51-P	32.17	32.17	1412.04	-26.23	1.313
27-52-P	32.17	32.17	1411.32	-25.87	1.541
27-53-P	24.13	24.13	1059.24	-19.14	1.389
27-54-P	16.08	16.08	711.23	-5.08	1.148
27-55-P	16.08	16.08	710.31	-5.07	1.472
27-56-P	8.04	8.04	355.84	-2.49	1.076
27-57-P	16.08	8.04	698.64	-4.90	4.316
28-1-P	8.04	8.04	352.32	-6.40	3.260
28-2-P	8.04	8.04	352.83	-6.22	1.595
28-3-P	16.08	8.04	698.25	-11.96	2.057
28-4-P	16.08	8.04	700.35	-11.66	1.513
28-5-P	24.13	16.08	1052.87	-17.17	1.814
28-6-P	24.13	16.08	1053.82	-17.16	1.531
28-7-P	24.13	16.08	1054.70	-17.27	1.316
28-8-P	24.13	24.13	1059.82	-17.44	1.151
28-9-P	24.13	24.13	1060.26	-17.53	1.013
28-10-P	32.17	24.13	1408.02	-23.31	1.199
28-11-P	40.21	32.17	1759.67	-29.13	1.394
28-12-P	40.21	32.17	1760.01	-29.25	1.315
28-13-P	40.21	32.17	1760.31	-29.44	1.252
28-14-P	40.21	32.17	1760.61	-29.63	1.195
28-15-P	40.21	32.17	1760.93	-29.79	1.151
28-16-P	40.21	32.17	1761.15	-29.85	1.134
28-17-P	40.21	32.17	1761.38	-29.69	1.128
28-18-P	40.21	32.17	1761.73	-29.30	1.119
28-19-P	56.30	40.21	2458.78	-40.21	1.547
28-20-P	56.30	40.21	2459.18	-39.77	1.532
28-21-P	56.30	40.21	2459.38	-39.71	1.515
28-22-P	56.30	40.21	2459.08	-39.96	1.532
28-23-P	56.30	40.21	2458.61	-40.53	1.547
28-24-P	40.21	32.17	1761.58	-29.58	1.119
28-25-P	40.21	32.17	1761.20	-30.02	1.128
28-26-P	40.21	32.17	1760.95	-30.22	1.134
28-27-P	40.21	32.17	1760.72	-30.19	1.151
28-28-P	40.21	32.17	1760.37	-30.08	1.196
28-29-P	40.21	32.17	1760.03	-29.95	1.253
28-30-P	40.21	32.17	1759.70	-29.82	1.315
28-31-P	40.21	32.17	1759.33	-29.75	1.394
28-32-P	32.17	24.13	1407.74	-23.82	1.199
28-33-P	24.13	24.13	1060.04	-17.93	1.013
28-34-P	24.13	24.13	1059.58	-17.87	1.151
28-35-P	24.13	16.08	1054.45	-17.73	1.315
28-36-P	24.13	16.08	1053.55	-17.66	1.531
28-37-P	24.13	16.08	1052.56	-17.72	1.814
28-38-P	16.08	8.04	700.12	-12.08	1.513
28-39-P	16.08	8.04	698.02	-12.40	2.056
28-40-P	8.04	8.04	352.70	-6.46	1.594
28-41-P	8.04	8.04	352.19	-6.64	3.257
29-1-S	8.04	8.04	359.13	5.98	6.636
29-2-S	8.04	8.04	359.43	5.83	3.239
29-3-S	8.04	8.04	360.04	5.69	2.110
29-4-S	8.04	8.04	360.62	5.56	1.547
29-5-S	16.08	16.08	718.93	10.72	2.446
29-6-S	16.08	16.08	719.41	10.73	2.052
29-7-S	16.08	16.08	719.99	10.90	1.754
29-8-S	24.13	24.13	1078.41	16.54	2.276
29-9-S	24.13	24.13	1079.01	16.75	1.995
29-10-S	24.13	24.13	1079.60	16.98	1.770
29-11-S	32.17	32.17	1437.96	22.88	2.181
29-12-S	32.17	32.17	1430.57	8.62	2.033
29-13-S	32.17	32.17	1430.34	7.66	1.912
29-14-S	32.17	32.17	1430.12	6.72	1.803
29-15-S	32.17	32.17	1430.03	6.01	1.711
29-16-S	32.17	32.17	1429.99	5.59	1.661
29-17-S	32.17	32.17	1429.78	5.04	1.624
29-18-S	32.17	32.17	1429.49	4.31	1.581
29-19-S	40.21	40.21	1784.53	4.41	1.919
29-20-S	40.21	40.21	1783.72	2.73	1.854
29-21-S	40.21	40.21	1782.34	0.00	1.773
29-22-S	40.21	40.21	1780.83	-2.55	1.736
29-23-S	40.21	40.21	1779.97	-3.93	1.714
29-24-S	32.17	32.17	1425.11	-3.71	1.362
29-25-S	32.17	32.17	1424.75	-4.19	1.352
29-26-S	32.17	32.17	1424.47	-4.51	1.341
29-27-S	32.17	32.17	1424.18	-4.72	1.344
29-28-S	32.17	32.17	1423.66	-5.14	1.378
29-29-S	32.17	32.17	1423.05	-5.71	1.424
29-30-S	32.17	32.17	1422.46	-6.25	1.473
29-31-S	32.17	32.17	1422.01	-6.54	1.534
29-32-S	24.13	24.13	1067.76	-4.87	1.210
29-33-S	24.13	24.13	1067.31	-4.83	1.319
29-34-S	24.13	24.13	1066.73	-5.00	1.453
29-35-S	16.08	16.08	712.21	-3.46	1.080
29-36-S	16.08	16.08	711.66	-3.57	1.216
29-37-S	16.08	16.08	710.98	-3.93	1.386
29-38-S	16.08	8.04	704.21	-4.55	1.654
29-39-S	16.08	8.04	701.99	-4.80	2.193
29-40-S	8.04	8.04	354.87	-2.56	1.658
29-41-S	8.04	8.04	354.38	-2.69	3.302
30-1-S	16.08	8.04	707.41	14.21	8.132
30-2-S	8.04	8.04	361.35	7.67	2.080
30-3-S	16.08	16.08	721.80	16.10	2.914
30-4-S	16.08	16.08	723.14	16.91	2.305

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
30-5-S	24.13	24.13	1084.14	26.52	2.867
30-6-S	32.17	32.17	1438.27	23.38	3.211
30-7-S	32.17	32.17	1439.46	23.89	2.733
30-8-S	40.21	40.21	1798.74	30.59	3.026
30-9-S	40.21	40.21	1798.99	30.92	2.948
30-10-S	40.21	40.21	1798.98	30.90	2.891
30-11-S	40.21	40.21	1798.79	30.54	2.830
30-12-S	40.21	40.21	1798.38	29.80	2.752
30-13-S	40.21	40.21	1797.72	28.56	2.627
30-14-S	40.21	40.21	1797.07	27.36	2.515
30-15-S	40.21	40.21	1796.57	26.43	2.414
30-16-S	40.21	40.21	1796.30	25.93	2.327
30-17-S	40.21	40.21	1796.06	25.49	2.209
30-18-S	40.21	40.21	1796.11	25.57	2.117
30-19-S	40.21	40.21	1796.22	25.78	2.037
30-20-S	40.21	40.21	1786.52	7.76	1.953
30-21-S	40.21	40.21	1786.45	7.63	1.876
30-22-S	40.21	40.21	1788.28	11.04	1.842
30-23-S	40.21	40.21	1789.50	13.30	1.825
30-24-S	40.21	40.21	1789.70	13.67	1.813
30-25-S	40.21	40.21	1789.53	13.36	1.805
30-26-S	40.21	40.21	1788.42	11.30	1.813
30-27-S	40.21	40.21	1786.18	7.12	1.827
30-28-S	40.21	40.21	1784.07	3.21	1.789
30-29-S	40.21	40.21	1782.34	0.00	1.728
30-30-S	40.21	40.21	1780.68	-2.99	1.670
30-31-S	40.21	40.21	1778.89	-6.21	1.594
30-32-S	40.21	40.21	1777.17	-9.31	1.496
30-33-S	40.21	40.21	1776.44	-10.63	1.437
30-34-S	40.21	40.21	1776.44	-10.63	1.411
30-35-S	40.21	40.21	1776.72	-10.12	1.388
30-36-S	40.21	40.21	1777.79	-8.19	1.367
30-37-S	40.21	40.21	1779.28	-5.51	1.355
30-38-S	40.21	40.21	1779.33	-5.43	1.367
30-39-S	40.21	40.21	1779.28	-5.51	1.381
30-40-S	40.21	40.21	1779.27	-5.54	1.394
30-41-S	40.21	40.21	1779.17	-5.70	1.411
30-42-S	40.21	40.21	1778.59	-6.75	1.435
30-43-S	40.21	40.21	1777.64	-8.46	1.422
30-44-S	40.21	40.21	1776.44	-10.63	1.408
30-45-S	40.21	40.21	1775.14	-12.96	1.392
30-46-S	40.21	40.21	1773.96	-15.09	1.380
30-47-S	40.21	40.21	1773.57	-15.80	1.380
30-48-S	40.21	40.21	1773.48	-15.97	1.382
30-49-S	40.21	40.21	1773.53	-15.87	1.383
30-50-S	40.21	40.21	1773.65	-15.54	1.395
30-51-S	32.17	32.17	1419.87	-12.13	1.235
30-52-S	32.17	32.17	1418.86	-12.28	1.421
30-53-S	24.13	24.13	1064.69	-9.33	1.256
30-54-S	16.08	16.08	710.55	-6.30	1.019
30-55-S	16.08	16.08	709.64	-6.28	1.305
30-56-S	24.13	8.04	1039.09	-8.94	2.782
30-57-S	16.08	8.04	698.06	-6.00	3.810
31-1-S	8.04	8.04	359.18	5.27	3.230
31-2-S	8.04	8.04	360.59	5.33	1.617
31-3-S	16.08	16.08	719.87	10.70	2.146
31-4-S	24.13	24.13	1079.22	16.56	2.480
31-5-S	32.17	32.17	1438.96	23.40	2.755
31-6-S	40.21	40.21	1799.07	31.06	2.981
31-7-S	40.21	40.21	1799.88	32.57	2.977
31-8-S	40.21	40.21	1800.71	34.12	2.972
31-9-S	40.21	40.21	1801.51	35.60	2.968
31-10-S	40.21	40.21	1802.30	37.07	2.965
31-11-S	40.21	40.21	1803.05	38.46	2.959
31-12-S	40.21	40.21	1803.76	39.78	2.952
31-13-S	40.21	40.21	1804.43	41.03	2.946
31-14-S	40.21	40.21	1797.13	27.47	2.906
31-15-S	40.21	40.21	1797.70	28.53	2.856
31-16-S	40.21	40.21	1798.11	29.29	2.811
31-17-S	40.21	40.21	1798.49	30.00	2.769
31-18-S	40.21	40.21	1798.36	29.75	2.791
31-19-S	40.21	40.21	1797.99	29.06	2.788
31-20-S	40.21	40.21	1797.44	28.04	2.739
31-21-S	40.21	40.21	1796.73	26.72	2.646
31-22-S	40.21	40.21	1795.65	24.71	2.449
31-23-S	40.21	40.21	1794.45	22.49	2.223
31-24-S	40.21	40.21	1793.40	20.55	2.028
31-25-S	40.21	40.21	1792.60	19.05	1.871
31-26-S	40.21	40.21	1792.11	18.14	1.753
31-27-S	40.21	40.21	1781.85	-0.88	1.700
31-28-S	40.21	40.21	1784.84	4.65	1.663
31-29-S	40.21	40.21	1787.79	10.13	1.632
31-30-S	40.21	40.21	1790.64	15.41	1.603
31-31-S	40.21	40.21	1790.34	14.86	1.614
31-32-S	40.21	40.21	1788.33	11.12	1.653
31-33-S	40.21	40.21	1786.20	7.16	1.690
31-34-S	40.21	40.21	1784.09	3.25	1.720
31-35-S	40.21	40.21	1782.34	0.00	1.719
31-36-S	40.21	40.21	1780.66	-3.03	1.606
31-37-S	40.21	40.21	1778.86	-6.27	1.482
31-38-S	40.21	40.21	1777.24	-9.18	1.367
31-39-S	40.21	40.21	1775.90	-11.60	1.262
31-40-S	40.21	40.21	1775.93	-11.54	1.201

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
31-41-S	40.21	40.21	1778.23	-7.40	1.194
31-42-S	40.21	40.21	1780.50	-3.31	1.186
31-43-S	40.21	40.21	1782.67	0.61	1.175
31-44-S	40.21	40.21	1784.18	3.41	1.169
31-45-S	40.21	40.21	1783.53	2.20	1.220
31-46-S	40.21	40.21	1782.51	0.32	1.289
31-47-S	40.21	40.21	1781.21	-2.04	1.371
31-48-S	40.21	40.21	1779.74	-4.68	1.461
31-49-S	40.21	40.21	1778.13	-7.59	1.512
31-50-S	40.21	40.21	1776.46	-10.60	1.476
31-51-S	40.21	40.21	1774.80	-13.57	1.402
31-52-S	40.21	40.21	1773.28	-16.33	1.299
31-53-S	40.21	40.21	1772.18	-18.30	1.201
31-54-S	40.21	40.21	1772.49	-17.75	1.212
31-55-S	40.21	40.21	1772.84	-17.12	1.225
31-56-S	40.21	40.21	1773.53	-15.87	1.236
31-57-S	40.21	40.21	1774.52	-14.08	1.246
31-58-S	40.21	40.21	1774.38	-14.34	1.274
31-59-S	40.21	40.21	1774.37	-14.36	1.304
31-60-S	40.21	40.21	1774.57	-14.00	1.336
31-61-S	40.21	40.21	1774.98	-13.26	1.369
31-62-S	40.21	40.21	1775.30	-12.67	1.401
31-63-S	40.21	40.21	1775.18	-12.90	1.428
31-64-S	40.21	40.21	1774.98	-13.26	1.455
31-65-S	32.17	32.17	1420.27	-10.98	1.374
31-66-S	24.13	24.13	1065.39	-8.87	1.265
31-67-S	16.08	16.08	710.55	-6.42	1.114
31-68-S	16.08	8.04	703.44	-6.53	1.678
31-69-S	8.04	8.04	354.46	-3.39	1.716
32-1-S	16.08	16.08	715.94	7.61	5.211
32-2-S	16.08	16.08	717.70	8.14	2.583
32-3-S	24.13	24.13	1076.96	12.95	2.556
32-4-S	32.17	32.17	1436.36	18.25	2.576
32-5-S	40.21	40.21	1795.00	23.52	2.833
32-6-S	40.21	40.21	1795.15	23.79	2.807
32-7-S	40.21	40.21	1795.23	23.94	2.781
32-8-S	40.21	40.21	1795.32	24.10	2.761
32-9-S	40.21	40.21	1795.88	25.14	2.774
32-10-S	40.21	40.21	1796.42	26.15	2.789
32-11-S	40.21	40.21	1796.97	27.17	2.807
32-12-S	40.21	40.21	1797.52	28.20	2.826
32-13-S	40.21	40.21	1797.95	29.00	2.812
32-14-S	40.21	40.21	1798.19	29.43	2.755
32-15-S	40.21	40.21	1798.48	29.97	2.705
32-16-S	40.21	40.21	1798.85	30.66	2.664
32-17-S	40.21	40.21	1799.30	31.50	2.632
32-18-S	40.21	40.21	1799.88	32.57	2.618
32-19-S	40.21	40.21	1800.66	34.02	2.636
32-20-S	40.21	40.21	1801.56	35.69	2.670
32-21-S	40.21	40.21	1794.09	21.82	2.650
32-22-S	40.21	40.21	1794.27	22.16	2.588
32-23-S	40.21	40.21	1794.16	21.96	2.574
32-24-S	40.21	40.21	1793.83	21.34	2.599
32-25-S	40.21	40.21	1793.24	20.25	2.568
32-26-S	40.21	40.21	1792.18	18.28	2.374
32-27-S	40.21	40.21	1791.20	16.46	2.186
32-28-S	40.21	40.21	1790.31	14.80	2.013
32-29-S	40.21	40.21	1789.53	13.35	1.854
32-30-S	40.21	40.21	1788.89	12.17	1.713
32-31-S	40.21	40.21	1789.33	12.98	1.650
32-32-S	40.21	40.21	1789.92	14.08	1.600
32-33-S	40.21	40.21	1781.70	-1.15	1.536
32-34-S	40.21	40.21	1783.61	2.35	1.473
32-35-S	40.21	40.21	1785.42	5.72	1.418
32-36-S	40.21	40.21	1784.91	4.77	1.392
32-37-S	40.21	40.21	1784.14	3.35	1.367
32-38-S	40.21	40.21	1783.37	1.91	1.344
32-39-S	40.21	40.21	1782.62	0.53	1.321
32-40-S	40.21	40.21	1782.06	-0.51	1.270
32-41-S	40.21	40.21	1781.39	-1.71	1.203
32-42-S	40.21	40.21	1780.79	-2.80	1.141
32-43-S	40.21	40.21	1780.27	-3.73	1.086
32-44-S	40.21	40.21	1780.01	-4.20	1.039
32-45-S	40.21	40.21	1781.43	-1.64	1.028
32-46-S	40.21	40.21	1782.75	0.76	1.017
32-47-S	40.21	40.21	1784.05	3.18	1.006
32-48-S	48.25	40.21	2136.33	6.65	1.191
32-49-S	48.25	40.21	2137.49	8.83	1.187
32-50-S	40.21	40.21	1785.55	5.96	1.044
32-51-S	40.21	40.21	1784.62	4.23	1.099
32-52-S	40.21	40.21	1783.59	2.31	1.153
32-53-S	40.21	40.21	1782.47	0.25	1.205
32-54-S	40.21	40.21	1781.23	-2.00	1.248
32-55-S	40.21	40.21	1779.22	-5.63	1.180
32-56-S	40.21	40.21	1777.40	-8.90	1.090
32-57-S	40.21	40.21	1776.49	-10.53	1.039
32-58-S	40.21	40.21	1776.50	-10.53	1.026
32-59-S	40.21	40.21	1777.47	-8.78	1.036
32-60-S	40.21	40.21	1778.96	-6.09	1.049
32-61-S	40.21	40.21	1780.88	-2.63	1.065
32-62-S	40.21	40.21	1781.33	-1.83	1.099
32-63-S	40.21	40.21	1780.92	-2.55	1.147
32-64-S	40.21	40.21	1780.32	-3.64	1.210

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	[cmq]	[kNm]	[kN]	
32-65-S	40.21	40.21	1779.46	-5.20	1.290
32-66-S	40.21	40.21	1778.37	-7.15	1.390
32-67-S	40.21	40.21	1777.01	-9.59	1.439
32-68-S	40.21	40.21	1775.64	-12.07	1.443
32-69-S	40.21	40.21	1774.31	-14.46	1.450
32-70-S	40.21	40.21	1773.06	-16.72	1.461
32-71-S	40.21	40.21	1771.87	-18.86	1.475
32-72-S	40.21	40.21	1771.70	-19.17	1.496
32-73-S	40.21	40.21	1771.77	-19.05	1.520
32-74-S	40.21	40.21	1771.89	-18.83	1.546
32-75-S	32.17	32.17	1418.25	-14.92	1.418
32-76-S	24.13	24.13	1063.86	-11.03	1.428
32-77-S	16.08	16.08	709.29	-7.27	1.469
32-78-S	8.04	8.04	354.67	-3.59	1.513
33-1-S	16.08	16.08	714.93	5.35	4.504
33-2-S	16.08	16.08	717.05	5.46	2.199
33-3-S	32.17	32.17	1432.03	11.08	2.851
33-4-S	40.21	40.21	1789.94	14.11	2.867
33-5-S	40.21	40.21	1790.20	14.60	2.803
33-6-S	40.21	40.21	1790.41	14.99	2.738
33-7-S	40.21	40.21	1790.48	15.11	2.672
33-8-S	40.21	40.21	1790.84	15.78	2.637
33-9-S	40.21	40.21	1791.30	16.64	2.622
33-10-S	40.21	40.21	1791.66	17.31	2.607
33-11-S	40.21	40.21	1792.08	18.08	2.601
33-12-S	40.21	40.21	1792.85	19.52	2.627
33-13-S	40.21	40.21	1793.67	21.04	2.656
33-14-S	40.21	40.21	1794.45	22.49	2.682
33-15-S	40.21	40.21	1795.18	23.85	2.708
33-16-S	40.21	40.21	1795.75	24.91	2.722
33-17-S	40.21	40.21	1795.82	25.03	2.648
33-18-S	40.21	40.21	1795.84	25.07	2.569
33-19-S	40.21	40.21	1795.81	25.01	2.485
33-20-S	40.21	40.21	1795.77	24.94	2.405
33-21-S	40.21	40.21	1795.85	25.10	2.349
33-22-S	40.21	40.21	1796.34	26.00	2.354
33-23-S	40.21	40.21	1797.09	27.40	2.394
33-24-S	40.21	40.21	1798.07	29.21	2.457
33-25-S	40.21	40.21	1782.34	0.00	2.471
33-26-S	40.21	40.21	1782.34	0.00	2.441
33-27-S	40.21	40.21	1782.34	0.00	2.407
33-28-S	40.21	40.21	1788.75	11.90	2.298
33-29-S	40.21	40.21	1788.69	11.80	2.152
33-30-S	40.21	40.21	1788.59	11.61	2.025
33-31-S	40.21	40.21	1788.41	11.27	1.912
33-32-S	40.21	40.21	1788.14	10.78	1.807
33-33-S	40.21	40.21	1788.00	10.50	1.711
33-34-S	40.21	40.21	1788.16	10.81	1.626
33-35-S	40.21	40.21	1788.32	11.11	1.547
33-36-S	40.21	40.21	1788.53	11.49	1.477
33-37-S	40.21	40.21	2026.66	-6.81	1.610
33-38-S	40.21	40.21	2028.18	-4.40	1.529
33-39-S	40.21	48.25	2033.18	-1.88	1.461
33-40-S	40.21	48.25	2033.24	-1.79	1.409
33-41-S	40.21	48.25	2033.35	-1.62	1.359
33-42-S	40.21	48.25	2033.81	-0.89	1.301
33-43-S	40.21	40.21	2030.95	-0.02	1.240
33-44-S	40.21	48.25	2034.86	0.79	1.187
33-45-S	40.21	48.25	2035.19	1.32	1.136
33-46-S	40.21	48.25	2035.21	1.36	1.088
33-47-S	40.21	48.25	2035.20	1.34	1.046
33-48-S	40.21	40.21	2032.78	2.97	1.029
33-49-S	40.21	40.21	2033.60	4.31	1.012
33-50-S	56.30	40.21	2484.34	5.97	1.214
33-51-S	56.30	40.21	2484.83	6.89	1.190
33-52-S	56.30	40.21	2485.14	7.48	1.165
33-53-S	56.30	40.21	2485.41	7.98	1.142
33-54-S	56.30	40.21	2485.02	7.25	1.148
33-55-S	56.30	40.21	2484.40	6.09	1.163
33-56-S	56.30	40.21	2483.95	5.22	1.178
33-57-S	56.30	40.21	2483.64	4.65	1.192
33-58-S	56.30	40.21	2483.45	4.28	1.207
33-59-S	56.30	40.21	2483.47	4.32	1.212
33-60-S	56.30	40.21	2483.96	5.25	1.219
33-61-S	56.30	40.21	2484.48	6.23	1.226
33-62-S	56.30	40.21	2485.00	7.21	1.232
33-63-S	56.30	40.21	2485.56	8.27	1.240
33-64-S	56.30	40.21	2486.45	9.94	1.269
33-65-S	56.30	40.21	2487.65	12.18	1.327
33-66-S	40.21	40.21	1786.83	8.34	1.034
33-67-S	40.21	40.21	1785.94	6.69	1.137
33-68-S	40.21	40.21	1784.85	4.66	1.261
33-69-S	40.21	40.21	1783.60	2.35	1.400
33-70-S	40.21	40.21	1782.03	-0.56	1.555
33-71-S	40.21	40.21	1779.93	-4.33	1.558
33-72-S	40.21	40.21	1777.76	-8.24	1.528
33-73-S	40.21	40.21	1775.61	-12.12	1.492
33-74-S	40.21	40.21	1773.59	-15.76	1.450
33-75-S	40.21	40.21	1771.81	-18.96	1.414
33-76-S	40.21	40.21	1771.51	-19.50	1.424
33-77-S	40.21	40.21	1771.66	-19.23	1.449
33-78-S	40.21	40.21	1771.80	-18.99	1.479
33-79-S	40.21	40.21	1772.03	-18.57	1.528

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
33-80-S	40.21	40.21	1772.40	-17.90	1.606
33-81-S	40.21	40.21	1772.74	-17.30	1.684
33-82-S	40.21	40.21	1773.02	-16.79	1.762
33-83-S	32.17	32.17	1418.62	-13.41	1.791
33-84-S	16.08	16.08	710.35	-6.78	1.415
33-85-S	8.04	8.04	355.16	-3.42	1.493
34-1-S	24.13	24.13	1071.25	6.53	5.959
34-2-S	24.13	24.13	1073.55	6.63	2.907
34-3-S	40.21	40.21	1788.22	11.13	3.217
34-4-S	40.21	40.21	1788.09	10.67	3.080
34-5-S	40.21	40.21	1787.80	10.14	2.987
34-6-S	40.21	40.21	1787.52	9.62	2.897
34-7-S	40.21	40.21	1787.31	9.23	2.801
34-8-S	40.21	40.21	1787.17	8.97	2.703
34-9-S	40.21	40.21	1787.05	8.75	2.613
34-10-S	40.21	40.21	1786.96	8.58	2.535
34-11-S	40.21	40.21	1787.53	9.63	2.493
34-12-S	40.21	40.21	1788.26	10.99	2.453
34-13-S	40.21	40.21	1788.92	12.23	2.398
34-14-S	40.21	40.21	1789.55	13.39	2.342
34-15-S	40.21	40.21	1790.26	14.70	2.328
34-16-S	40.21	40.21	1791.01	16.11	2.333
34-17-S	40.21	40.21	1791.73	17.44	2.335
34-18-S	40.21	40.21	1792.17	18.26	2.316
34-19-S	40.21	40.21	1792.36	18.61	2.278
34-20-S	40.21	40.21	1792.51	18.89	2.235
34-21-S	40.21	40.21	1792.62	19.10	2.185
34-22-S	40.21	40.21	1792.68	19.20	2.123
34-23-S	40.21	40.21	1792.98	19.76	2.110
34-24-S	40.21	40.21	1793.41	20.55	2.119
34-25-S	40.21	40.21	1793.83	21.35	2.128
34-26-S	40.21	40.21	1794.25	22.13	2.134
34-27-S	40.21	40.21	1794.69	22.94	2.142
34-28-S	40.21	40.21	2030.96	0.00	2.398
34-29-S	40.21	48.25	2034.37	0.00	2.349
34-30-S	40.21	48.25	2283.40	0.00	2.561
34-31-S	40.21	56.30	2286.36	0.00	2.489
34-32-S	40.21	56.30	2535.71	0.00	2.681
34-33-S	40.21	56.30	2535.71	0.00	2.607
34-34-S	40.21	56.30	2785.05	0.00	2.788
34-35-S	40.21	56.30	2785.05	0.00	2.717
34-36-S	40.21	56.30	3060.77	28.91	2.822
34-37-S	40.21	48.25	3057.72	29.96	2.649
34-38-S	40.21	56.30	3062.55	30.87	2.507
34-39-S	40.21	48.25	3059.12	31.50	2.379
34-40-S	40.21	48.25	3059.59	32.03	2.270
34-41-S	40.21	48.25	3059.96	32.43	2.161
34-42-S	40.21	40.21	3055.24	32.70	2.043
34-43-S	40.21	40.21	3021.65	-4.35	1.919
34-44-S	40.21	40.21	3022.99	-2.92	1.797
34-45-S	40.21	40.21	3024.44	-1.37	1.707
34-46-S	40.21	40.21	3025.99	0.29	1.638
34-47-S	40.21	40.21	3027.28	1.72	1.566
34-48-S	40.21	40.21	3028.33	2.88	1.491
34-49-S	40.21	40.21	3029.14	3.78	1.415
34-50-S	40.21	40.21	3029.82	4.54	1.344
34-51-S	40.21	48.25	3035.33	5.31	1.291
34-52-S	40.21	48.25	3036.11	6.16	1.261
34-53-S	40.21	48.25	3036.90	7.03	1.239
34-54-S	40.21	56.30	3041.58	7.88	1.219
34-55-S	40.21	48.25	3038.38	8.67	1.196
34-56-S	40.21	56.30	3042.95	9.39	1.175
34-57-S	40.21	56.30	2792.11	8.41	1.058
34-58-S	40.21	56.30	2792.91	9.37	1.056
34-59-S	56.30	56.30	3545.04	12.41	1.354
34-60-S	56.30	56.30	3546.22	13.96	1.367
34-61-S	56.30	56.30	3196.44	12.48	1.244
34-62-S	56.30	48.25	3191.06	13.55	1.254
34-63-S	56.30	48.25	2783.51	11.27	1.103
34-64-S	56.30	40.21	2777.21	12.34	1.112
34-65-S	56.30	40.21	2487.09	11.13	1.022
34-66-S	56.30	40.21	2488.26	13.33	1.064
34-67-S	56.30	40.21	2489.56	15.78	1.112
34-68-S	56.30	40.21	2490.94	18.38	1.163
34-69-S	56.30	40.21	2492.45	21.22	1.219
34-70-S	56.30	40.21	2493.41	23.02	1.295
34-71-S	40.21	40.21	1791.11	16.28	1.007
34-72-S	40.21	40.21	1790.53	15.21	1.082
34-73-S	40.21	40.21	1789.60	13.48	1.158
34-74-S	40.21	40.21	1788.32	11.10	1.236
34-75-S	40.21	40.21	1786.45	7.64	1.276
34-76-S	40.21	40.21	1784.08	3.24	1.269
34-77-S	40.21	40.21	1781.67	-1.20	1.256
34-78-S	40.21	40.21	1779.62	-4.91	1.266
34-79-S	40.21	40.21	1778.37	-7.15	1.331
34-80-S	40.21	40.21	1777.54	-8.65	1.405
34-81-S	40.21	40.21	1776.91	-9.78	1.470
34-82-S	40.21	40.21	1776.60	-10.34	1.542
34-83-S	40.21	40.21	1776.67	-10.21	1.646
34-84-S	40.21	40.21	1775.95	-11.50	1.766
34-85-S	40.21	40.21	1774.41	-14.29	1.892
34-86-S	40.21	40.21	1773.27	-16.33	2.004
34-87-S	40.21	40.21	1772.89	-17.02	2.098

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
34-88-S	40.21	40.21	1772.62	-17.51	2.192
34-89-S	40.21	40.21	1772.27	-17.94	2.311
34-90-S	24.13	24.13	1063.75	-11.21	2.131
34-91-S	8.04	8.04	355.34	-3.91	1.494
35-1-S	32.17	32.17	1426.26	5.01	6.962
35-2-S	32.17	32.17	1429.36	6.15	3.386
35-3-S	40.21	40.21	1786.65	8.01	3.361
35-4-S	40.21	40.21	1786.50	7.73	3.261
35-5-S	40.21	40.21	1786.32	7.39	3.174
35-6-S	40.21	40.21	1786.15	7.07	3.093
35-7-S	40.21	40.21	1786.13	7.03	3.021
35-8-S	40.21	40.21	1786.38	7.51	2.964
35-9-S	40.21	40.21	1786.61	7.93	2.899
35-10-S	40.21	40.21	1786.70	8.10	2.824
35-11-S	40.21	40.21	1786.67	8.05	2.737
35-12-S	40.21	40.21	1786.72	8.13	2.650
35-13-S	40.21	40.21	1787.20	9.02	2.534
35-14-S	40.21	40.21	1787.69	9.93	2.421
35-15-S	40.21	40.21	1788.08	10.66	2.306
35-16-S	40.21	40.21	1788.45	11.35	2.204
35-17-S	40.21	40.21	1788.75	11.91	2.104
35-18-S	40.21	40.21	1788.96	12.29	2.009
35-19-S	40.21	40.21	1789.16	12.67	1.954
35-20-S	40.21	40.21	1789.36	13.04	1.914
35-21-S	40.21	40.21	1789.55	13.39	1.874
35-22-S	40.21	40.21	1789.72	13.71	1.832
35-23-S	40.21	40.21	1789.88	14.01	1.791
35-24-S	40.21	40.21	1790.03	14.28	1.753
35-25-S	40.21	48.25	2045.96	18.82	1.970
35-26-S	40.21	48.25	2300.43	24.72	2.233
35-27-S	40.21	56.30	2560.00	31.71	2.506
35-28-S	40.21	64.34	2563.75	33.03	2.531
35-29-S	40.21	72.38	2825.43	41.51	2.816
35-30-S	40.21	72.38	3087.37	51.34	3.107
35-31-S	40.21	64.34	3037.53	0.00	3.127
35-32-S	40.21	56.30	3034.38	0.00	3.027
35-33-S	40.21	48.25	3030.51	0.00	2.933
35-34-S	40.21	40.21	3025.72	0.00	2.846
35-35-S	40.21	40.21	3025.72	0.00	2.771
35-36-S	40.21	40.21	3025.72	0.00	2.702
35-37-S	40.21	40.21	3025.72	0.00	2.638
35-38-S	40.21	40.21	3025.72	0.00	2.589
35-39-S	40.21	40.21	3025.72	0.00	2.547
35-40-S	40.21	40.21	3048.00	24.68	2.469
35-41-S	40.21	40.21	3048.87	25.65	2.303
35-42-S	40.21	40.21	3049.55	26.40	2.153
35-43-S	40.21	40.21	3050.11	27.02	2.019
35-44-S	40.21	40.21	3050.67	27.64	1.910
35-45-S	40.21	40.21	3051.21	28.24	1.814
35-46-S	40.21	40.21	3051.73	28.81	1.722
35-47-S	40.21	40.21	3024.09	-1.75	1.624
35-48-S	40.21	40.21	3025.45	-0.29	1.495
35-49-S	40.21	40.21	3026.53	0.89	1.390
35-50-S	40.21	40.21	3027.29	1.74	1.320
35-51-S	40.21	40.21	3027.97	2.49	1.257
35-52-S	40.21	40.21	3028.59	3.17	1.200
35-53-S	40.21	40.21	3029.21	3.86	1.147
35-54-S	40.21	40.21	3029.83	4.55	1.096
35-55-S	40.21	40.21	3030.48	5.27	1.051
35-56-S	40.21	40.21	3031.15	6.01	1.030
35-57-S	40.21	40.21	3031.72	6.65	1.011
35-58-S	56.30	40.21	4223.57	10.06	1.383
35-59-S	56.30	40.21	4224.26	10.83	1.359
35-60-S	56.30	40.21	4224.92	11.57	1.336
35-61-S	56.30	40.21	4225.63	12.36	1.315
35-62-S	56.30	40.21	4227.04	13.94	1.323
35-63-S	56.30	40.21	4228.76	15.86	1.335
35-64-S	56.30	48.25	4240.01	18.15	1.351
35-65-S	56.30	56.30	4249.91	20.69	1.367
35-66-S	56.30	64.34	4258.59	23.27	1.386
35-67-S	56.30	72.38	4266.20	25.80	1.434
35-68-S	56.30	72.38	3914.18	23.99	1.360
35-69-S	56.30	64.34	3557.80	22.03	1.279
35-70-S	56.30	56.30	3554.20	24.47	1.323
35-71-S	56.30	48.25	3197.00	22.27	1.233
35-72-S	56.30	48.25	2846.86	20.06	1.140
35-73-S	56.30	40.21	2490.11	16.82	1.049
35-74-S	56.30	40.21	2490.62	17.78	1.108
35-75-S	56.30	40.21	2491.26	18.97	1.174
35-76-S	56.30	40.21	2491.96	20.30	1.248
35-77-S	56.30	40.21	2492.53	21.36	1.326
35-78-S	40.21	40.21	1790.93	15.95	1.013
35-79-S	40.21	40.21	1791.04	16.15	1.073
35-80-S	40.21	40.21	1791.08	16.22	1.164
35-81-S	40.21	40.21	1790.32	14.82	1.276
35-82-S	40.21	40.21	1789.41	13.13	1.401
35-83-S	40.21	40.21	1788.16	10.81	1.551
35-84-S	40.21	40.21	1786.68	8.07	1.716
35-85-S	40.21	40.21	1784.87	4.70	1.898
35-86-S	40.21	40.21	1782.99	1.20	2.025
35-87-S	40.21	40.21	1780.84	-2.70	2.150
35-88-S	40.21	40.21	1778.14	-7.56	2.247
35-89-S	40.21	40.21	1775.00	-13.23	2.306

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
35-90-S	40.21	40.21	1772.30	-18.09	2.327
35-91-S	40.21	40.21	1771.27	-19.93	2.382
35-92-S	40.21	40.21	1771.06	-20.32	2.458
35-93-S	40.21	40.21	1770.83	-20.74	2.539
35-94-S	40.21	40.21	1770.67	-21.01	2.641
35-95-S	32.17	32.17	1416.67	-16.89	2.710
35-96-S	16.08	16.08	708.48	-8.26	2.874
36-1-S	32.17	32.17	1424.31	0.67	6.138
36-2-S	32.17	32.17	1427.63	1.01	3.226
36-3-S	40.21	40.21	1783.12	1.45	3.685
36-4-S	40.21	40.21	1783.24	1.67	3.540
36-5-S	40.21	40.21	1783.35	1.87	3.406
36-6-S	40.21	40.21	1783.45	2.06	3.282
36-7-S	40.21	40.21	1783.65	2.43	3.154
36-8-S	40.21	40.21	1784.01	3.10	3.026
36-9-S	40.21	40.21	1784.49	4.00	2.944
36-10-S	40.21	40.21	1784.93	4.81	2.896
36-11-S	40.21	40.21	1785.36	5.61	2.855
36-12-S	40.21	40.21	1785.78	6.39	2.818
36-13-S	40.21	40.21	1786.17	7.12	2.763
36-14-S	40.21	40.21	1786.45	7.63	2.625
36-15-S	40.21	40.21	1786.74	8.18	2.476
36-16-S	40.21	40.21	1786.98	8.62	2.333
36-17-S	40.21	40.21	1787.20	9.03	2.201
36-18-S	40.21	40.21	1787.34	9.28	2.073
36-19-S	40.21	40.21	1787.33	9.26	1.944
36-20-S	40.21	40.21	1787.23	9.09	1.819
36-21-S	40.21	40.21	1787.14	8.92	1.706
36-22-S	40.21	40.21	1787.23	9.09	1.642
36-23-S	40.21	40.21	2038.36	12.11	1.834
36-24-S	40.21	56.30	2297.18	15.62	2.017
36-25-S	40.21	64.34	2553.38	19.56	2.183
36-26-S	40.21	72.38	2810.55	23.93	2.333
36-27-S	40.21	80.42	3068.76	28.71	2.470
36-28-S	40.21	72.38	3067.59	29.85	2.459
36-29-S	40.21	56.30	3063.31	31.69	2.486
36-30-S	40.21	48.25	3060.94	33.51	2.515
36-31-S	40.21	40.21	3057.55	35.26	2.542
36-32-S	40.21	40.21	3059.06	36.94	2.571
36-33-S	40.21	40.21	3061.15	39.25	2.633
36-34-S	40.21	40.21	3064.36	42.81	2.759
36-35-S	40.21	40.21	3025.72	0.00	2.684
36-36-S	40.21	40.21	3025.72	0.00	2.611
36-37-S	40.21	40.21	3025.72	0.00	2.542
36-38-S	40.21	40.21	3025.72	0.00	2.476
36-39-S	40.21	40.21	3025.72	0.00	2.420
36-40-S	40.21	40.21	3025.72	0.00	2.372
36-41-S	40.21	40.21	3025.72	0.00	2.330
36-42-S	40.21	40.21	3025.72	0.00	2.294
36-43-S	40.21	40.21	3025.72	0.00	2.264
36-44-S	40.21	40.21	3041.33	17.29	2.135
36-45-S	40.21	40.21	3042.62	18.72	1.982
36-46-S	40.21	40.21	3043.90	20.14	1.836
36-47-S	40.21	40.21	3045.12	21.49	1.702
36-48-S	40.21	40.21	3046.12	22.60	1.597
36-49-S	40.21	40.21	3046.94	23.51	1.512
36-50-S	40.21	40.21	3024.24	-1.58	1.409
36-51-S	40.21	40.21	3025.75	0.03	1.291
36-52-S	40.21	40.21	3027.08	1.51	1.187
36-53-S	40.21	40.21	3028.19	2.73	1.112
36-54-S	40.21	40.21	3029.16	3.81	1.053
36-55-S	56.30	40.21	4220.57	6.70	1.392
36-56-S	56.30	40.21	4221.65	7.90	1.326
36-57-S	56.30	40.21	4222.58	8.94	1.267
36-58-S	56.30	40.21	4223.41	9.87	1.228
36-59-S	56.30	40.21	4224.19	10.75	1.204
36-60-S	56.30	40.21	4224.98	11.63	1.180
36-61-S	56.30	40.21	4225.75	12.49	1.157
36-62-S	56.30	40.21	4226.46	13.29	1.136
36-63-S	56.30	40.21	4227.17	14.08	1.118
36-64-S	56.30	40.21	4227.95	14.96	1.121
36-65-S	56.30	40.21	4228.76	15.86	1.125
36-66-S	56.30	40.21	4229.60	16.80	1.129
36-67-S	56.30	40.21	4230.44	17.75	1.133
36-68-S	56.30	40.21	4231.47	18.89	1.138
36-69-S	56.30	40.21	4232.77	20.36	1.167
36-70-S	56.30	40.21	4234.50	22.29	1.203
36-71-S	56.30	40.21	4236.61	24.65	1.239
36-72-S	56.30	48.25	4248.34	27.41	1.280
36-73-S	56.30	56.30	4258.68	30.38	1.323
36-74-S	56.30	72.38	4273.33	33.59	1.370
36-75-S	56.30	80.42	4281.52	37.61	1.442
36-76-S	56.30	72.38	3924.10	35.79	1.402
36-77-S	56.30	64.34	3566.34	33.20	1.352
36-78-S	56.30	56.30	3208.41	29.91	1.292
36-79-S	56.30	40.21	2843.33	25.94	1.215
36-80-S	56.30	40.21	2492.67	21.62	1.131
36-81-S	56.30	40.21	2494.25	24.60	1.228
36-82-S	56.30	40.21	2497.05	29.87	1.381
36-83-S	40.21	40.21	1796.41	26.14	1.126
36-84-S	40.21	40.21	1798.48	29.97	1.280
36-85-S	40.21	40.21	1799.06	31.06	1.448
36-86-S	40.21	40.21	1798.56	30.12	1.639

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	[cmq]	[kNm]	[kN]	
36-87-S	40.21	40.21	1797.49	28.14	1.864
36-88-S	40.21	40.21	1795.66	24.74	2.113
36-89-S	40.21	40.21	1792.83	19.48	2.346
36-90-S	40.21	40.21	1789.14	12.62	2.377
36-91-S	40.21	40.21	1785.51	5.89	2.368
36-92-S	40.21	40.21	1781.91	-0.78	2.365
36-93-S	40.21	40.21	1778.24	-7.39	2.372
36-94-S	40.21	40.21	1774.89	-13.41	2.424
36-95-S	40.21	40.21	1772.94	-16.93	2.548
36-96-S	40.21	40.21	1772.48	-17.77	2.690
36-97-S	40.21	40.21	1772.77	-17.25	2.839
36-98-S	40.21	40.21	1773.09	-16.67	3.006
36-99-S	40.21	40.21	1773.45	-16.02	3.193
36-100-S	32.17	32.17	1420.10	-12.57	2.857
36-101-S	16.08	16.08	710.61	-5.95	2.827
37-1-S	40.21	40.21	1779.94	0.39	7.448
37-2-S	40.21	40.21	1782.25	-0.17	4.338
37-3-S	40.21	40.21	1781.73	-1.11	4.176
37-4-S	40.21	40.21	1781.24	-1.98	4.026
37-5-S	40.21	40.21	1780.79	-2.80	3.888
37-6-S	40.21	40.21	1780.54	-3.24	3.751
37-7-S	40.21	40.21	1780.76	-2.85	3.592
37-8-S	40.21	40.21	1781.49	-1.53	3.392
37-9-S	40.21	40.21	1782.26	-0.14	3.200
37-10-S	40.21	40.21	1782.93	1.10	3.027
37-11-S	40.21	40.21	1783.53	2.22	2.872
37-12-S	40.21	40.21	1784.07	3.21	2.740
37-13-S	40.21	40.21	1784.55	4.10	2.635
37-14-S	40.21	40.21	1784.86	4.68	2.510
37-15-S	40.21	40.21	1785.14	5.20	2.370
37-16-S	40.21	40.21	1785.41	5.70	2.249
37-17-S	40.21	40.21	1785.65	6.14	2.136
37-18-S	40.21	40.21	1785.86	6.53	2.032
37-19-S	40.21	40.21	1786.02	6.84	1.931
37-20-S	40.21	40.21	1786.02	6.84	1.815
37-21-S	40.21	40.21	1786.00	6.81	1.707
37-22-S	40.21	48.25	2039.69	8.64	1.836
37-23-S	40.21	64.34	2548.24	12.88	2.165
37-24-S	40.21	72.38	3056.55	17.86	2.462
37-25-S	40.21	80.42	3058.47	17.58	2.363
37-26-S	40.21	72.38	3056.51	17.82	2.290
37-27-S	40.21	56.30	3050.91	18.10	2.221
37-28-S	40.21	48.25	3047.20	18.39	2.161
37-29-S	40.21	40.21	3042.57	18.66	2.116
37-30-S	40.21	40.21	3043.07	19.22	2.101
37-31-S	40.21	40.21	3043.78	20.01	2.100
37-32-S	40.21	40.21	3044.69	21.02	2.110
37-33-S	40.21	40.21	3045.84	22.29	2.131
37-34-S	40.21	40.21	3047.50	24.13	2.190
37-35-S	40.21	40.21	3049.46	26.30	2.267
37-36-S	40.21	40.21	3051.50	28.56	2.346
37-37-S	40.21	40.21	3053.58	30.87	2.422
37-38-S	40.21	40.21	3025.72	0.00	2.368
37-39-S	40.21	40.21	3025.72	0.00	2.309
37-40-S	40.21	40.21	3025.72	0.00	2.260
37-41-S	40.21	40.21	3025.72	0.00	2.217
37-42-S	40.21	40.21	3025.72	0.00	2.176
37-43-S	40.21	40.21	3025.72	0.00	2.138
37-44-S	40.21	40.21	3025.72	0.00	2.102
37-45-S	40.21	40.21	3025.72	0.00	2.075
37-46-S	40.21	40.21	3033.81	8.96	2.033
37-47-S	40.21	40.21	3036.28	11.70	1.850
37-48-S	40.21	40.21	3038.28	13.92	1.702
37-49-S	40.21	40.21	3040.06	15.88	1.573
37-50-S	40.21	40.21	3041.88	17.90	1.453
37-51-S	40.21	40.21	3043.56	19.76	1.347
37-52-S	40.21	40.21	3025.13	-0.63	1.213
37-53-S	40.21	40.21	3026.88	1.28	1.103
37-54-S	40.21	40.21	3028.48	3.05	1.012
37-55-S	48.25	40.21	3626.58	5.53	1.124
37-56-S	48.25	40.21	3627.90	7.01	1.058
37-57-S	48.25	40.21	3629.06	8.30	1.004
37-58-S	64.34	40.21	4816.12	12.85	1.266
37-59-S	64.34	40.21	4817.87	14.82	1.204
37-60-S	64.34	40.21	4819.18	16.29	1.164
37-61-S	64.34	40.21	4820.08	17.30	1.140
37-62-S	64.34	40.21	4820.95	18.28	1.116
37-63-S	64.34	40.21	4821.82	19.27	1.094
37-64-S	64.34	40.21	4822.73	20.28	1.074
37-65-S	64.34	40.21	4823.63	21.30	1.075
37-66-S	64.34	40.21	4824.53	22.32	1.076
37-67-S	64.34	40.21	4825.46	23.36	1.077
37-68-S	64.34	40.21	4826.38	24.40	1.078
37-69-S	64.34	40.21	4827.36	25.49	1.091
37-70-S	64.34	40.21	4828.48	26.76	1.121
37-71-S	64.34	40.21	4829.68	28.10	1.154
37-72-S	64.34	40.21	4830.94	29.53	1.189
37-73-S	64.34	40.21	4832.35	31.11	1.225
37-74-S	64.34	40.21	4834.10	33.08	1.262
37-75-S	64.34	40.21	4836.21	35.45	1.308
37-76-S	48.25	40.21	3647.80	29.17	1.035
37-77-S	48.25	48.25	3657.54	32.23	1.092
37-78-S	48.25	56.30	3666.39	35.67	1.155

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
37-79-S	48.25	72.38	3678.63	39.55	1.227
37-80-S	48.25	80.42	3685.85	43.81	1.307
37-81-S	48.25	72.38	3687.18	48.88	1.401
37-82-S	48.25	64.34	3071.06	39.77	1.287
37-83-S	48.25	48.25	2454.06	30.34	1.145
37-84-S	48.25	40.21	2147.70	27.90	1.123
37-85-S	40.21	40.21	1797.45	28.05	1.066
37-86-S	40.21	40.21	1800.64	33.98	1.230
37-87-S	40.21	40.21	1801.37	35.35	1.382
37-88-S	40.21	40.21	1801.47	35.52	1.552
37-89-S	40.21	40.21	1801.15	34.94	1.735
37-90-S	40.21	40.21	1799.98	32.76	1.916
37-91-S	40.21	40.21	1798.74	30.45	2.110
37-92-S	40.21	40.21	1797.25	27.70	2.269
37-93-S	40.21	40.21	1794.83	23.20	2.384
37-94-S	40.21	40.21	1793.26	20.27	2.538
37-95-S	40.21	40.21	1791.82	17.60	2.727
37-96-S	40.21	40.21	1790.14	14.49	2.944
37-97-S	40.21	40.21	1788.17	10.82	3.195
37-98-S	40.21	40.21	1785.75	6.33	3.464
37-99-S	40.21	40.21	1783.30	1.78	3.681
37-100-S	40.21	40.21	1782.42	0.16	3.874
37-101-S	40.21	40.21	1781.23	-1.99	4.022
37-102-S	40.21	40.21	1781.72	-1.12	4.171
37-103-S	40.21	40.21	1782.24	-0.18	4.332
37-104-S	24.13	24.13	1069.63	0.23	4.470
38-1-S	40.21	40.21	1780.30	0.05	7.450
38-2-S	40.21	40.21	1782.03	-0.55	5.054
38-3-S	40.21	40.21	1781.59	-1.35	4.885
38-4-S	40.21	40.21	1781.17	-2.11	4.726
38-5-S	40.21	40.21	1780.74	-2.88	4.568
38-6-S	40.21	40.21	1780.42	-3.46	4.440
38-7-S	40.21	40.21	1780.48	-3.35	4.281
38-8-S	40.21	40.21	1780.71	-2.94	4.079
38-9-S	40.21	40.21	1780.92	-2.57	3.895
38-10-S	40.21	40.21	1781.18	-2.09	3.723
38-11-S	40.21	40.21	1781.90	-0.79	3.448
38-12-S	40.21	40.21	1782.71	0.69	3.150
38-13-S	40.21	40.21	1783.44	2.04	2.898
38-14-S	40.21	40.21	1784.10	3.26	2.695
38-15-S	40.21	40.21	1784.49	3.98	2.505
38-16-S	40.21	40.21	1784.65	4.29	2.328
38-17-S	40.21	40.21	1784.78	4.54	2.169
38-18-S	40.21	40.21	1784.90	4.76	2.029
38-19-S	40.21	40.21	1785.01	4.95	1.908
38-20-S	40.21	40.21	1785.12	5.16	1.803
38-21-S	40.21	48.25	2289.18	8.40	2.189
38-22-S	40.21	64.34	2798.12	12.08	2.517
38-23-S	40.21	80.42	3054.93	13.75	2.600
38-24-S	40.21	80.42	3054.23	12.99	2.463
38-25-S	40.21	72.38	3051.42	12.28	2.338
38-26-S	40.21	56.30	3044.98	11.61	2.221
38-27-S	40.21	40.21	3035.65	11.00	2.113
38-28-S	40.21	40.21	3035.32	10.63	2.027
38-29-S	40.21	40.21	3035.29	10.60	1.973
38-30-S	40.21	40.21	3035.49	10.82	1.941
38-31-S	40.21	40.21	3035.75	11.11	1.916
38-32-S	40.21	40.21	3036.01	11.40	1.892
38-33-S	40.21	40.21	3036.21	11.62	1.864
38-34-S	40.21	40.21	3036.28	11.70	1.828
38-35-S	40.21	40.21	3036.55	12.00	1.806
38-36-S	40.21	40.21	3037.54	13.10	1.833
38-37-S	40.21	40.21	3038.64	14.31	1.866
38-38-S	40.21	40.21	3039.76	15.56	1.899
38-39-S	40.21	40.21	3040.90	16.81	1.932
38-40-S	40.21	40.21	3043.70	19.92	2.061
38-41-S	40.21	40.21	3025.72	0.00	2.139
38-42-S	40.21	40.21	3025.72	0.00	2.091
38-43-S	40.21	40.21	3025.72	0.00	2.049
38-44-S	40.21	40.21	3025.72	0.00	2.013
38-45-S	40.21	40.21	3025.72	0.00	1.978
38-46-S	40.21	40.21	3025.72	0.00	1.948
38-47-S	40.21	40.21	3492.23	0.00	2.224
38-48-S	40.21	48.25	3497.54	0.00	2.204
38-49-S	40.21	48.25	3989.53	21.07	2.353
38-50-S	40.21	56.30	4002.02	27.44	2.090
38-51-S	40.21	56.30	4007.84	32.34	1.879
38-52-S	40.21	48.25	4485.79	40.96	1.916
38-53-S	40.21	48.25	4427.31	-3.33	1.729
38-54-S	40.21	40.21	4426.97	1.00	1.531
38-55-S	40.21	48.25	4437.84	4.54	1.384
38-56-S	40.21	48.25	4441.40	7.24	1.260
38-57-S	40.21	56.30	3979.22	8.22	1.041
38-58-S	56.30	56.30	5553.48	15.01	1.350
38-59-S	56.30	48.25	5548.28	18.28	1.266
38-60-S	56.30	48.25	4892.62	16.87	1.063
38-61-S	56.30	40.21	4884.98	19.14	1.013
38-62-S	72.38	40.21	5410.00	20.41	1.074
38-63-S	72.38	40.21	5412.40	23.13	1.048
38-64-S	72.38	40.21	5414.84	25.90	1.028
38-65-S	72.38	40.21	5416.82	28.13	1.008
38-66-S	72.38	40.21	5418.58	30.13	1.004
38-67-S	72.38	40.21	5419.95	31.67	1.009

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
38-68-S	72.38	40.21	5420.99	32.85	1.012
38-69-S	72.38	40.21	5422.00	33.99	1.022
38-70-S	72.38	40.21	5423.03	35.16	1.042
38-71-S	72.38	40.21	5424.13	36.40	1.063
38-72-S	72.38	40.21	5425.31	37.73	1.086
38-73-S	72.38	40.21	5426.59	39.19	1.114
38-74-S	72.38	40.21	5427.94	40.71	1.152
38-75-S	72.38	40.21	5429.36	42.31	1.201
38-76-S	72.38	40.21	5430.91	44.06	1.263
38-77-S	56.30	40.21	4246.70	35.94	1.041
38-78-S	56.30	40.21	4247.85	37.23	1.093
38-79-S	56.30	40.21	4249.00	38.52	1.147
38-80-S	56.30	40.21	4250.64	40.35	1.208
38-81-S	56.30	40.21	4252.83	42.80	1.281
38-82-S	56.30	56.30	4273.41	46.65	1.378
38-83-S	40.21	72.38	3075.66	38.62	1.083
38-84-S	40.21	80.42	3083.64	44.83	1.195
38-85-S	40.21	80.42	3090.67	52.44	1.332
38-86-S	40.21	64.34	2831.88	52.11	1.373
38-87-S	40.21	48.25	2312.20	41.81	1.272
38-88-S	40.21	40.21	1797.52	28.20	1.104
38-89-S	40.21	40.21	1799.11	31.14	1.244
38-90-S	40.21	40.21	1801.63	35.82	1.431
38-91-S	40.21	40.21	1805.29	42.63	1.693
38-92-S	40.21	40.21	1810.49	52.29	2.048
38-93-S	40.21	40.21	1815.22	61.06	2.359
38-94-S	40.21	40.21	1817.54	65.38	2.648
38-95-S	40.21	40.21	1783.42	2.01	2.891
38-96-S	40.21	40.21	1782.69	0.66	3.142
38-97-S	40.21	40.21	1781.89	-0.82	3.440
38-98-S	40.21	40.21	1781.17	-2.11	3.714
38-99-S	40.21	40.21	1780.90	-2.59	3.886
38-100-S	40.21	40.21	1780.70	-2.95	4.070
38-101-S	40.21	40.21	1780.48	-3.36	4.273
38-102-S	40.21	40.21	1780.41	-3.47	4.432
38-103-S	40.21	40.21	1780.74	-2.89	4.561
38-104-S	40.21	40.21	1781.16	-2.12	4.718
38-105-S	40.21	40.21	1781.59	-1.36	4.877
38-106-S	40.21	40.21	1782.03	-0.56	5.046
38-107-S	24.13	24.13	1070.32	0.02	4.473
39-1-S	40.21	40.21	1780.98	-2.34	6.381
39-2-S	40.21	40.21	1780.78	-2.81	5.972
39-3-S	40.21	40.21	1780.48	-3.35	5.679
39-4-S	40.21	40.21	1780.16	-3.94	5.432
39-5-S	40.21	40.21	1779.81	-4.57	5.225
39-6-S	40.21	40.21	1779.65	-4.84	5.099
39-7-S	40.21	40.21	1779.95	-4.30	5.093
39-8-S	40.21	40.21	1780.27	-3.73	5.102
39-9-S	40.21	40.21	1780.58	-3.18	5.118
39-10-S	40.21	40.21	1780.86	-2.66	5.089
39-11-S	40.21	40.21	1781.30	-1.87	4.897
39-12-S	40.21	40.21	1782.28	-0.10	4.319
39-13-S	40.21	40.21	1783.08	1.38	3.745
39-14-S	40.21	40.21	1783.67	2.47	3.270
39-15-S	40.21	40.21	1784.08	3.23	2.880
39-16-S	40.21	40.21	1784.08	3.23	2.594
39-17-S	40.21	40.21	1784.04	3.15	2.374
39-18-S	40.21	40.21	1784.05	3.17	2.201
39-19-S	40.21	40.21	1784.10	3.27	2.060
39-20-S	40.21	40.21	2033.51	4.17	2.202
39-21-S	40.21	64.34	2794.25	7.49	2.823
39-22-S	40.21	80.42	3049.86	8.25	2.861
39-23-S	40.21	80.42	3049.09	7.42	2.666
39-24-S	40.21	80.42	3048.44	6.71	2.496
39-25-S	40.21	56.30	3039.98	6.13	2.346
39-26-S	40.21	40.21	3030.86	5.69	2.221
39-27-S	40.21	40.21	3030.53	5.33	2.118
39-28-S	40.21	40.21	3030.23	4.99	2.024
39-29-S	40.21	40.21	3029.95	4.69	1.939
39-30-S	40.21	40.21	3029.71	4.41	1.862
39-31-S	40.21	40.21	3029.49	4.18	1.792
39-32-S	40.21	40.21	3029.39	4.07	1.737
39-33-S	40.21	40.21	3029.27	3.93	1.694
39-34-S	40.21	40.21	3029.28	3.94	1.654
39-35-S	40.21	40.21	3029.39	4.07	1.619
39-36-S	40.21	40.21	3029.49	4.18	1.582
39-37-S	40.21	40.21	-2955.49	-75.44	1.533
39-38-S	40.21	40.21	-2956.05	-74.84	1.508
39-39-S	40.21	40.21	-2957.03	-73.79	1.494
39-40-S	40.21	40.21	-2960.57	-69.98	1.464
39-41-S	40.21	56.30	3042.22	8.58	1.609
39-42-S	40.21	56.30	3494.31	14.06	1.897
39-43-S	40.21	72.38	4072.43	22.80	2.262
39-44-S	40.21	80.42	4543.04	35.81	2.681
39-45-S	64.34	96.51	7883.08	0.00	4.960
39-46-S	64.34	104.55	8601.63	0.00	5.321
39-47-S	64.34	96.51	8595.36	0.00	5.245
39-48-S	64.34	88.47	8588.31	0.00	5.182
39-49-S	64.34	80.42	8580.34	0.00	5.121
39-50-S	64.34	64.34	8561.12	0.00	5.058
39-51-S	64.34	56.30	8703.48	97.49	4.519
39-52-S	64.34	56.30	8717.28	106.23	3.982
39-53-S	64.34	56.30	-7701.39	120.48	2.644

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
39-54-S	64.34	56.30	-7653.00	91.05	1.949
39-55-S	64.34	56.30	-7628.99	76.45	1.636
39-56-S	64.34	56.30	-7649.95	89.20	1.977
39-57-S	64.34	56.30	8572.23	14.38	2.153
39-58-S	64.34	56.30	8579.84	19.20	1.948
39-59-S	64.34	56.30	8588.55	24.71	1.792
39-60-S	64.34	64.34	8609.45	30.47	1.683
39-61-S	64.34	80.42	8638.21	36.20	1.591
39-62-S	64.34	88.47	8655.16	41.68	1.509
39-63-S	64.34	96.51	8671.79	47.50	1.442
39-64-S	64.34	104.55	8507.05	52.88	1.372
39-65-S	64.34	96.51	7961.64	53.13	1.250
39-66-S	64.34	80.42	7224.13	49.54	1.105
39-67-S	88.47	72.38	8886.61	62.02	1.348
39-68-S	88.47	56.30	7619.41	51.82	1.162
39-69-S	88.47	56.30	6635.58	43.85	1.018
39-70-S	88.47	40.21	6596.47	47.92	1.032
39-71-S	88.47	40.21	6599.37	51.51	1.061
39-72-S	88.47	40.21	6601.29	53.89	1.089
39-73-S	88.47	40.21	6602.61	55.52	1.123
39-74-S	88.47	40.21	6603.78	56.96	1.188
39-75-S	88.47	40.21	6605.08	58.57	1.255
39-76-S	88.47	40.21	6606.55	60.40	1.314
39-77-S	64.34	40.21	4845.41	45.80	1.009
39-78-S	64.34	40.21	4846.85	47.43	1.063
39-79-S	64.34	40.21	4848.42	49.19	1.129
39-80-S	64.34	40.21	4850.06	51.03	1.199
39-81-S	64.34	40.21	4851.98	53.20	1.279
39-82-S	64.34	40.21	4854.21	55.70	1.370
39-83-S	64.34	40.21	4856.78	58.60	1.475
39-84-S	40.21	40.21	3061.57	39.72	1.007
39-85-S	40.21	56.30	3075.57	45.13	1.106
39-86-S	40.21	80.42	3090.20	51.93	1.226
39-87-S	40.21	80.42	3097.63	59.98	1.370
39-88-S	40.21	80.42	3106.99	70.11	1.553
39-89-S	40.21	64.34	2847.06	70.11	1.634
39-90-S	40.21	40.21	2058.47	44.98	1.359
39-91-S	40.21	40.21	1805.10	42.27	1.372
39-92-S	40.21	40.21	1810.65	52.57	1.620
39-93-S	40.21	40.21	1818.68	67.49	1.990
39-94-S	40.21	40.21	1784.08	3.23	2.591
39-95-S	40.21	40.21	1784.07	3.21	2.870
39-96-S	40.21	40.21	1783.66	2.46	3.259
39-97-S	40.21	40.21	1783.08	1.37	3.732
39-98-S	40.21	40.21	-1814.44	60.09	2.843
39-99-S	40.21	40.21	-1802.51	37.76	2.262
39-100-S	40.21	40.21	-1798.59	30.42	2.366
39-101-S	40.21	40.21	-1795.87	25.33	2.758
39-102-S	40.21	40.21	-1792.34	18.73	3.385
39-103-S	40.21	40.21	-1786.77	8.29	4.426
39-104-S	40.21	40.21	1779.65	-4.84	5.092
39-105-S	40.21	40.21	1779.80	-4.57	5.219
39-106-S	40.21	40.21	1780.15	-3.94	5.426
39-107-S	40.21	40.21	1780.48	-3.35	5.673
39-108-S	40.21	40.21	1780.78	-2.81	5.966
39-109-S	40.21	40.21	1780.97	-2.35	6.373
40-1-S	40.21	40.21	1778.99	-6.03	8.094
40-2-S	40.21	40.21	1778.60	-6.73	7.688
40-3-S	40.21	40.21	1778.39	-7.12	7.297
40-4-S	40.21	40.21	1778.34	-7.20	6.931
40-5-S	40.21	40.21	1778.36	-7.17	6.590
40-6-S	40.21	40.21	1778.38	-7.13	6.277
40-7-S	40.21	40.21	1778.42	-7.06	6.004
40-8-S	40.21	40.21	1778.53	-6.87	5.805
40-9-S	40.21	40.21	1778.70	-6.57	5.672
40-10-S	40.21	40.21	1779.18	-5.69	5.530
40-11-S	40.21	40.21	1780.23	-3.80	5.148
40-12-S	40.21	40.21	1781.28	-1.90	4.728
40-13-S	40.21	40.21	1782.19	-0.27	4.361
40-14-S	40.21	40.21	1782.96	1.15	3.995
40-15-S	40.21	40.21	1783.37	1.91	3.569
40-16-S	40.21	40.21	1783.30	1.79	3.171
40-17-S	40.21	40.21	1783.23	1.66	2.832
40-18-S	40.21	40.21	1783.18	1.56	2.547
40-19-S	40.21	40.21	1783.13	1.47	2.305
40-20-S	40.21	64.34	2790.62	3.18	3.306
40-21-S	40.21	80.42	3045.32	3.34	3.332
40-22-S	40.21	80.42	3044.92	2.90	3.094
40-23-S	40.21	80.42	3044.66	2.63	2.889
40-24-S	40.21	56.30	3036.64	2.47	2.700
40-25-S	40.21	40.21	3027.83	2.33	2.529
40-26-S	40.21	40.21	3027.69	2.18	2.380
40-27-S	40.21	40.21	3027.23	1.67	2.235
40-28-S	40.21	40.21	3026.72	1.11	2.101
40-29-S	40.21	40.21	3026.36	0.71	1.988
40-30-S	40.21	40.21	3026.12	0.44	1.892
40-31-S	40.21	40.21	3025.98	0.28	1.810
40-32-S	40.21	40.21	3025.87	0.16	1.741
40-33-S	40.21	40.21	3025.55	-0.19	1.677
40-34-S	40.21	40.21	-2941.97	-89.96	1.554
40-35-S	40.21	40.21	-2947.15	-84.40	1.409
40-36-S	40.21	40.21	-2951.48	-79.74	1.290
40-37-S	40.21	56.30	3034.02	-0.39	1.464

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	[cmq]	[kNm]	[kN]	
40-38-S	40.21	56.30	3034.29	-0.10	1.422
40-39-S	40.21	56.30	3034.70	0.35	1.389
40-40-S	40.21	64.34	3930.41	1.26	1.785
40-41-S	72.38	88.47	-10133.44	-261.60	3.250
40-42-S	72.38	112.59	9688.86	9.92	4.383
40-43-S	72.38	112.59	9696.04	14.37	4.398
40-44-S	72.38	104.55	9696.35	18.95	4.423
40-45-S	72.38	80.42	-10258.64	-259.11	3.951
40-46-S	72.38	56.30	-7185.97	-192.66	3.181
40-47-S	72.38	56.30	-7157.33	-209.61	3.659
40-48-S	72.38	56.30	-7122.07	-230.49	4.255
40-49-S	72.38	56.30	-7078.67	-256.18	5.126
40-50-S	72.38	56.30	9601.56	0.00	5.487
40-51-S	72.38	56.30	9601.56	0.00	5.449
40-52-S	72.38	56.30	9766.40	104.72	4.555
40-53-S	72.38	56.30	9780.36	113.59	3.914
40-54-S	72.38	56.30	-7730.18	132.69	2.835
40-55-S	72.38	56.30	-7693.37	110.37	2.340
40-56-S	72.38	56.30	-7704.11	116.88	2.543
40-57-S	72.38	56.30	9640.90	24.99	2.255
40-58-S	72.38	56.30	9655.16	34.05	2.011
40-59-S	72.38	56.30	9680.22	49.98	1.831
40-60-S	72.38	56.30	9687.67	54.71	1.693
40-61-S	72.38	56.30	9696.43	60.27	1.570
40-62-S	72.38	56.30	9706.32	66.56	1.462
40-63-S	72.38	56.30	9714.19	71.55	1.376
40-64-S	72.38	56.30	9717.99	73.97	1.320
40-65-S	72.38	56.30	9723.86	77.70	1.269
40-66-S	72.38	80.42	9769.56	81.67	1.236
40-67-S	72.38	104.55	9805.02	86.45	1.232
40-68-S	72.38	112.59	9824.63	94.03	1.231
40-69-S	72.38	112.59	9838.61	102.68	1.234
40-70-S	72.38	88.47	8779.91	90.74	1.128
40-71-S	104.55	64.34	10184.74	95.07	1.349
40-72-S	104.55	56.30	7816.04	62.62	1.072
40-73-S	104.55	56.30	7822.50	70.56	1.138
40-74-S	104.55	56.30	7827.48	76.69	1.212
40-75-S	104.55	40.21	7773.87	79.02	1.275
40-76-S	104.55	40.21	7776.02	81.75	1.363
40-77-S	72.38	40.21	5444.53	59.47	1.027
40-78-S	72.38	40.21	5446.10	61.25	1.092
40-79-S	72.38	40.21	5447.85	63.22	1.163
40-80-S	72.38	40.21	5449.88	65.52	1.246
40-81-S	72.38	40.21	5452.14	68.07	1.333
40-82-S	72.38	40.21	5454.67	70.94	1.429
40-83-S	72.38	40.21	5457.59	74.24	1.543
40-84-S	72.38	40.21	5460.95	78.04	1.682
40-85-S	40.21	40.21	3067.59	46.39	1.039
40-86-S	40.21	40.21	3072.40	51.72	1.140
40-87-S	40.21	56.30	3088.14	58.90	1.263
40-88-S	40.21	80.42	3104.80	67.74	1.414
40-89-S	40.21	80.42	3114.99	78.77	1.602
40-90-S	40.21	80.42	3128.08	92.95	1.847
40-91-S	40.21	64.34	2867.15	93.93	1.985
40-92-S	40.21	40.21	1807.64	46.99	1.487
40-93-S	40.21	40.21	1814.23	59.22	1.834
40-94-S	40.21	40.21	1824.83	78.92	2.394
40-95-S	40.21	40.21	1783.33	1.83	3.170
40-96-S	40.21	40.21	1783.39	1.95	3.558
40-97-S	40.21	40.21	1782.98	1.19	3.983
40-98-S	40.21	40.21	1782.21	-0.23	4.349
40-99-S	40.21	40.21	1781.30	-1.87	4.719
40-100-S	40.21	40.21	-1819.96	70.41	3.886
40-101-S	40.21	40.21	-1807.51	47.12	3.369
40-102-S	40.21	40.21	-1803.81	40.20	3.841
40-103-S	40.21	40.21	-1801.15	35.21	4.571
40-104-S	40.21	40.21	-1797.40	28.19	5.386
40-105-S	40.21	40.21	-1792.78	19.55	6.189
40-106-S	40.21	40.21	1778.36	-7.17	6.587
40-107-S	40.21	40.21	1778.35	-7.20	6.928
40-108-S	40.21	40.21	1778.39	-7.11	7.293
40-109-S	40.21	40.21	1778.61	-6.72	7.682
40-110-S	40.21	40.21	1779.00	-6.02	8.087
41-1-S	40.21	40.21	1781.57	-1.39	10.725
41-2-S	40.21	40.21	1780.75	-2.87	10.294
41-3-S	40.21	40.21	1779.87	-4.45	9.885
41-4-S	40.21	40.21	1779.08	-5.88	9.526
41-5-S	40.21	40.21	1778.34	-7.21	9.186
41-6-S	40.21	40.21	-1778.06	-7.75	8.051
41-7-S	40.21	40.21	-1777.98	-7.90	7.161
41-8-S	40.21	40.21	-1778.01	-7.85	6.496
41-9-S	40.21	40.21	-1778.40	-7.13	6.022
41-10-S	40.21	40.21	-1779.62	-4.92	5.946
41-11-S	40.21	40.21	-1781.04	-2.35	5.944
41-12-S	40.21	40.21	1782.38	0.07	5.568
41-13-S	40.21	40.21	1783.39	1.95	5.131
41-14-S	40.21	40.21	1783.74	2.60	4.698
41-15-S	40.21	40.21	1783.57	2.28	4.257
41-16-S	40.21	40.21	1783.37	1.92	3.867
41-17-S	40.21	40.21	1783.23	1.66	3.512
41-18-S	40.21	40.21	1783.16	1.51	3.172
41-19-S	40.21	40.21	1783.13	1.46	2.853
41-20-S	40.21	80.42	3045.45	3.48	4.408

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
41-21-S	40.21	80.42	3044.63	2.59	4.006
41-22-S	40.21	80.42	3043.94	1.84	3.637
41-23-S	40.21	80.42	3043.36	1.21	3.314
41-24-S	40.21	40.21	3026.35	0.70	3.022
41-25-S	40.21	40.21	3026.05	0.36	2.795
41-26-S	40.21	40.21	3025.88	0.17	2.600
41-27-S	40.21	40.21	3025.57	-0.17	2.430
41-28-S	40.21	40.21	3025.28	-0.48	2.283
41-29-S	40.21	40.21	3025.05	-0.72	2.155
41-30-S	40.21	40.21	3024.85	-0.93	2.040
41-31-S	40.21	40.21	3024.70	-1.10	1.937
41-32-S	40.21	40.21	3024.45	-1.36	1.840
41-33-S	40.21	40.21	-2926.16	-106.94	1.649
41-34-S	40.21	56.30	3032.59	-1.90	1.676
41-35-S	40.21	56.30	3032.46	-2.04	1.610
41-36-S	40.21	56.30	3032.43	-2.07	1.552
41-37-S	40.21	56.30	-4124.16	-98.11	1.443
41-38-S	72.38	56.30	-4162.98	-84.92	1.305
41-39-S	72.38	88.47	-9085.45	-233.36	2.558
41-40-S	72.38	112.59	-14263.65	-374.48	3.546
41-41-S	72.38	112.59	-14336.61	-329.34	3.213
41-42-S	72.38	112.59	-14390.90	-295.74	2.960
41-43-S	72.38	88.47	-11341.50	-240.31	2.306
41-44-S	72.38	56.30	-7237.82	-161.95	1.477
41-45-S	72.38	56.30	-7223.70	-170.32	1.501
41-46-S	72.38	56.30	-7150.88	-213.43	1.834
41-47-S	72.38	56.30	-7074.76	-258.50	2.229
41-48-S	72.38	56.30	-6971.91	-319.39	2.762
41-49-S	72.38	56.30	-6808.15	-416.36	3.541
41-50-S	72.38	56.30	9636.56	22.23	4.712
41-51-S	72.38	56.30	9689.20	55.68	5.263
41-52-S	72.38	56.30	9694.45	59.01	4.839
41-53-S	72.38	56.30	9726.69	79.49	3.999
41-54-S	72.38	56.30	9735.23	84.92	3.401
41-55-S	72.38	56.30	9438.22	-99.84	2.915
41-56-S	72.38	56.30	9585.88	-9.58	2.452
41-57-S	72.38	56.30	9659.79	37.00	2.147
41-58-S	72.38	56.30	9745.45	91.41	1.936
41-59-S	72.38	56.30	9843.03	153.40	1.771
41-60-S	72.38	56.30	9914.81	199.00	1.629
41-61-S	72.38	56.30	9918.64	201.43	1.499
41-62-S	72.38	56.30	9891.32	184.08	1.374
41-63-S	72.38	56.30	9855.68	161.44	1.255
41-64-S	72.38	56.30	9823.33	140.89	1.154
41-65-S	72.38	56.30	9801.53	127.04	1.077
41-66-S	72.38	56.30	9787.58	118.18	1.023
41-67-S	88.47	56.30	11905.25	134.04	1.203
41-68-S	88.47	56.30	11892.47	125.86	1.169
41-69-S	88.47	88.47	11958.65	122.87	1.185
41-70-S	88.47	112.59	11997.16	124.33	1.238
41-71-S	88.47	112.59	12004.97	129.19	1.293
41-72-S	88.47	112.59	12029.56	144.49	1.386
41-73-S	88.47	88.47	9964.19	113.73	1.247
41-74-S	104.55	56.30	7821.55	69.40	1.057
41-75-S	104.55	56.30	7829.99	79.78	1.147
41-76-S	88.47	56.30	6664.44	76.27	1.063
41-77-S	88.47	40.21	6622.26	79.86	1.141
41-78-S	72.38	40.21	5452.68	68.68	1.018
41-79-S	72.38	40.21	5455.00	71.31	1.099
41-80-S	72.38	40.21	5457.09	73.67	1.184
41-81-S	72.38	40.21	5459.22	76.08	1.276
41-82-S	72.38	40.21	5461.68	78.86	1.368
41-83-S	72.38	40.21	5464.52	82.07	1.475
41-84-S	72.38	40.21	5467.85	85.84	1.601
41-85-S	72.38	40.21	5471.80	90.31	1.751
41-86-S	40.21	40.21	3074.25	53.76	1.085
41-87-S	40.21	40.21	3079.12	59.17	1.196
41-88-S	40.21	40.21	3086.16	66.97	1.327
41-89-S	40.21	80.42	3113.26	76.90	1.498
41-90-S	40.21	80.42	3124.42	88.99	1.708
41-91-S	40.21	80.42	3139.10	104.88	1.985
41-92-S	40.21	80.42	3159.42	126.88	2.369
41-93-S	40.21	40.21	1811.44	54.05	1.656
41-94-S	40.21	40.21	1819.72	69.43	2.094
41-95-S	40.21	40.21	1832.60	93.34	2.801
41-96-S	40.21	40.21	1783.37	1.92	3.857
41-97-S	40.21	40.21	1783.57	2.28	4.253
41-98-S	40.21	40.21	1783.74	2.60	4.703
41-99-S	40.21	40.21	1783.39	1.95	5.143
41-100-S	40.21	40.21	1782.37	0.06	5.585
41-101-S	40.21	40.21	-1842.89	113.33	5.285
41-102-S	40.21	40.21	-1825.07	79.98	4.639
41-103-S	40.21	40.21	-1813.09	57.57	4.271
41-104-S	40.21	40.21	-1809.98	51.74	4.572
41-105-S	40.21	40.21	-1807.71	47.49	5.085
41-106-S	40.21	40.21	-1804.22	40.95	5.781
41-107-S	40.21	40.21	-1798.77	30.76	6.770
41-108-S	40.21	40.21	-1798.41	30.07	7.719
41-109-S	40.21	40.21	-1798.41	30.08	8.945
41-110-S	40.21	40.21	1780.75	-2.86	10.285
41-111-S	40.21	40.21	1781.57	-1.38	10.712
42-1-S	48.25	48.25	-2137.56	0.50	15.328
42-2-S	48.25	48.25	-2137.52	0.42	13.910

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
42-3-S	48.25	48.25	-2137.48	0.36	12.692
42-4-S	48.25	48.25	-2137.29	0.00	11.650
42-5-S	48.25	48.25	-2136.98	-0.57	10.367
42-6-S	48.25	48.25	-2136.67	-1.12	7.959
42-7-S	48.25	48.25	-2136.40	-1.61	6.476
42-8-S	48.25	48.25	-2136.20	-1.98	5.434
42-9-S	48.25	48.25	-2136.02	-2.31	4.712
42-10-S	48.25	48.25	-2136.54	-1.36	4.500
42-11-S	48.25	48.25	-2137.42	0.25	4.726
42-12-S	48.25	48.25	-2137.99	1.31	5.357
42-13-S	48.25	48.25	-2138.29	1.86	6.752
42-14-S	48.25	48.25	2138.45	2.15	8.017
42-15-S	48.25	48.25	2138.27	1.82	7.090
42-16-S	48.25	48.25	2138.12	1.54	6.282
42-17-S	48.25	48.25	2138.00	1.32	5.593
42-18-S	48.25	48.25	2137.91	1.15	5.008
42-19-S	48.25	48.25	2137.83	1.00	4.464
42-20-S	48.25	96.51	3652.63	2.43	6.615
42-21-S	48.25	96.51	3652.15	1.91	5.757
42-22-S	48.25	96.51	3651.64	1.36	5.094
42-23-S	48.25	96.51	3651.11	0.79	4.571
42-24-S	48.25	48.25	3628.60	0.21	4.121
42-25-S	48.25	48.25	3628.13	-0.30	3.771
42-26-S	48.25	48.25	3627.96	-0.48	3.466
42-27-S	48.25	48.25	3627.85	-0.59	3.205
42-28-S	48.25	48.25	3627.78	-0.67	2.980
42-29-S	48.25	48.25	3627.71	-0.75	2.786
42-30-S	48.25	48.25	3627.63	-0.84	2.619
42-31-S	48.25	48.25	3627.55	-0.91	2.465
42-32-S	48.25	48.25	-3482.90	-156.32	2.314
42-33-S	48.25	48.25	-3495.50	-142.79	2.024
42-34-S	48.25	48.25	-3505.34	-132.21	1.800
42-35-S	48.25	64.34	3637.04	-1.60	2.010
42-36-S	48.25	64.34	-4689.38	-137.63	1.871
42-37-S	48.25	64.34	-4708.86	-116.52	1.647
42-38-S	48.25	104.55	5390.35	-2.71	2.647
42-39-S	88.47	128.68	-16233.93	-474.50	4.189
42-40-S	88.47	128.68	-16373.09	-388.58	3.612
42-41-S	88.47	128.68	-16494.57	-313.57	2.899
42-42-S	88.47	96.51	-12501.66	-192.18	1.648
42-43-S	88.47	80.42	-10472.99	-142.59	1.141
42-44-S	88.47	80.42	-10475.40	-141.13	1.068
42-45-S	88.47	80.42	-10424.34	-172.18	1.193
42-46-S	88.47	64.34	-8256.77	-196.11	1.223
42-47-S	88.47	64.34	-8077.11	-302.38	1.727
42-48-S	88.47	64.34	-7715.08	-516.53	2.748
42-49-S	88.47	64.34	-7160.84	-844.36	3.868
42-50-S	88.47	64.34	11712.10	-2.09	4.273
42-51-S	88.47	64.34	11740.67	16.01	4.227
42-52-S	88.47	64.34	11762.48	29.89	4.097
42-53-S	88.47	64.34	11758.86	27.58	3.710
42-54-S	88.47	64.34	11755.77	25.62	3.431
42-55-S	88.47	64.34	11385.01	-202.57	2.818
42-56-S	88.47	64.34	11638.04	-47.48	2.399
42-57-S	88.47	64.34	11808.44	59.13	2.198
42-58-S	88.47	64.34	11961.40	156.45	2.065
42-59-S	88.47	64.34	12109.86	250.91	1.966
42-60-S	88.47	64.34	12258.79	345.66	1.892
42-61-S	88.47	64.34	12385.02	425.98	1.820
42-62-S	88.47	64.34	12269.42	352.43	1.603
42-63-S	88.47	64.34	12181.01	296.18	1.437
42-64-S	88.47	64.34	12107.48	249.40	1.306
42-65-S	88.47	64.34	12040.97	207.08	1.191
42-66-S	88.47	64.34	11976.74	166.21	1.022
42-67-S	120.64	64.34	16157.30	179.70	1.203
42-68-S	120.64	64.34	16098.20	141.63	1.056
42-69-S	120.64	64.34	16102.44	144.36	1.155
42-70-S	120.64	96.51	16224.45	153.46	1.321
42-71-S	120.64	128.68	16323.29	169.81	1.576
42-72-S	120.64	128.68	16364.13	195.27	1.778
42-73-S	120.64	128.68	16412.27	225.28	1.975
42-74-S	120.64	104.55	13590.36	181.67	1.823
42-75-S	120.64	64.34	9027.09	94.12	1.315
42-76-S	88.47	64.34	6683.14	79.95	1.061
42-77-S	88.47	64.34	6690.65	88.32	1.154
42-78-S	88.47	48.25	6659.33	91.10	1.237
42-79-S	88.47	48.25	6662.33	94.50	1.340
42-80-S	88.47	48.25	6665.35	98.09	1.460
42-81-S	88.47	48.25	6668.06	101.41	1.571
42-82-S	88.47	48.25	6670.93	104.93	1.692
42-83-S	48.25	48.25	3682.68	60.05	1.009
42-84-S	48.25	48.25	3684.92	62.53	1.098
42-85-S	48.25	48.25	3687.54	65.43	1.201
42-86-S	48.25	48.25	3690.38	68.57	1.312
42-87-S	48.25	48.25	3693.66	72.20	1.440
42-88-S	48.25	48.25	3699.33	78.47	1.598
42-89-S	48.25	96.51	3733.86	90.10	1.808
42-90-S	48.25	96.51	3747.95	105.30	2.066
42-91-S	48.25	96.51	3767.21	126.09	2.412
42-92-S	48.25	96.51	3794.85	155.92	2.901
42-93-S	48.25	48.25	2174.31	68.64	2.064
42-94-S	48.25	48.25	2186.73	91.67	2.588
42-95-S	48.25	48.25	2206.34	128.03	3.458

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
42-96-S	48.25	48.25	2243.86	197.61	5.193
42-97-S	48.25	48.25	2138.27	1.82	7.094
42-98-S	48.25	48.25	2138.45	2.15	8.039
42-99-S	48.25	48.25	-2138.28	1.84	6.709
42-100-S	48.25	48.25	-2205.50	127.40	4.498
42-101-S	48.25	48.25	-2179.06	78.02	3.318
42-102-S	48.25	48.25	-2166.74	55.01	2.885
42-103-S	48.25	48.25	-2160.91	44.11	2.929
42-104-S	48.25	48.25	-2158.36	39.36	3.464
42-105-S	48.25	48.25	-2154.91	32.92	4.302
42-106-S	48.25	48.25	-2149.49	22.78	5.619
42-107-S	48.25	48.25	-2139.57	4.26	8.192
42-108-S	48.25	48.25	-2137.15	-0.26	9.886
42-109-S	48.25	48.25	-2137.71	0.77	11.583
42-110-S	48.25	48.25	-2137.52	0.43	13.895
42-111-S	48.25	48.25	-2137.56	0.51	15.311
43-1-S	40.21	40.21	-1781.99	-0.63	11.607
43-2-S	40.21	40.21	-1782.04	-0.55	10.123
43-3-S	40.21	40.21	-1782.07	-0.49	9.016
43-4-S	40.21	40.21	-1782.21	-0.23	8.170
43-5-S	40.21	40.21	-1782.43	0.17	7.306
43-6-S	40.21	40.21	-1782.66	0.59	5.806
43-7-S	40.21	40.21	-1782.87	0.98	4.850
43-8-S	40.21	40.21	-1783.03	1.29	4.157
43-9-S	40.21	40.21	-1783.18	1.57	3.664
43-10-S	40.21	40.21	-1782.79	0.83	3.568
43-11-S	40.21	40.21	-1782.06	-0.51	3.821
43-12-S	40.21	40.21	-1781.52	-1.48	4.422
43-13-S	40.21	40.21	-1781.14	-2.17	5.750
43-14-S	40.21	40.21	-1780.64	-3.09	8.101
43-15-S	40.21	40.21	1780.13	-3.97	10.476
43-16-S	40.21	40.21	1780.46	-3.39	8.991
43-17-S	40.21	40.21	1780.72	-2.92	7.779
43-18-S	40.21	40.21	1782.34	0.00	6.759
43-19-S	40.21	40.21	1781.24	-1.99	5.261
43-20-S	40.21	80.42	3038.20	-4.24	7.195
43-21-S	40.21	80.42	3039.16	-3.23	6.007
43-22-S	40.21	80.42	3039.92	-2.44	5.156
43-23-S	40.21	80.42	3040.56	-1.76	4.516
43-24-S	40.21	40.21	3024.62	-1.18	3.996
43-25-S	40.21	40.21	3025.09	-0.68	3.589
43-26-S	40.21	40.21	3025.52	-0.22	3.241
43-27-S	40.21	40.21	3025.79	0.07	2.957
43-28-S	40.21	40.21	3025.93	0.23	2.722
43-29-S	40.21	40.21	3025.98	0.28	2.524
43-30-S	40.21	40.21	3026.05	0.36	2.343
43-31-S	40.21	40.21	3026.23	0.57	2.165
43-32-S	40.21	40.21	-2898.75	-136.39	1.990
43-33-S	40.21	40.21	-2908.40	-126.02	1.760
43-34-S	40.21	40.21	-2919.21	-114.42	1.534
43-35-S	40.21	72.38	3040.63	0.56	1.755
43-36-S	40.21	72.38	3040.69	0.63	1.673
43-37-S	40.21	72.38	3040.76	0.71	1.592
43-38-S	40.21	112.59	4503.76	1.36	2.247
43-39-S	80.42	144.76	-18176.38	-542.38	4.563
43-40-S	80.42	144.76	-18320.00	-452.89	3.948
43-41-S	80.42	144.76	-18446.36	-374.16	3.324
43-42-S	80.42	112.59	-14512.47	-234.45	1.983
43-43-S	80.42	72.38	-9406.44	-141.66	1.114
43-44-S	80.42	72.38	-9388.22	-152.74	1.115
43-45-S	80.42	72.38	-9341.42	-181.21	1.230
43-46-S	80.42	72.38	-9258.99	-231.34	1.467
43-47-S	80.42	72.38	-9087.12	-333.82	1.990
43-48-S	80.42	72.38	-8729.63	-545.80	2.824
43-49-S	80.42	72.38	10701.25	12.03	3.028
43-50-S	80.42	72.38	10692.63	6.59	2.827
43-51-S	80.42	72.38	10681.80	-0.24	2.639
43-52-S	80.42	72.38	10672.08	-6.16	2.450
43-53-S	80.42	72.38	10669.47	-7.75	2.270
43-54-S	80.42	72.38	10666.48	-9.57	2.127
43-55-S	80.42	72.38	10662.39	-12.06	2.024
43-56-S	80.42	72.38	10657.16	-15.25	1.952
43-57-S	80.42	72.38	10655.84	-16.05	1.961
43-58-S	80.42	72.38	11002.22	202.10	1.954
43-59-S	80.42	72.38	11170.92	308.64	1.880
43-60-S	80.42	72.38	11291.17	384.58	1.793
43-61-S	80.42	72.38	11361.11	428.75	1.694
43-62-S	80.42	72.38	11265.53	368.39	1.501
43-63-S	80.42	72.38	11156.22	299.36	1.329
43-64-S	80.42	72.38	11062.13	239.94	1.191
43-65-S	80.42	72.38	10981.74	189.17	1.079
43-66-S	96.51	72.38	13048.73	169.88	1.075
43-67-S	112.59	72.38	15118.91	159.76	1.094
43-68-S	112.59	72.38	15090.21	141.43	1.045
43-69-S	112.59	72.38	15080.76	135.39	1.077
43-70-S	96.51	112.59	13052.04	122.11	1.046
43-71-S	96.51	144.76	13122.85	141.29	1.280
43-72-S	96.51	144.76	13158.92	163.54	1.438
43-73-S	96.51	144.76	13200.00	188.88	1.588
43-74-S	96.51	112.59	10929.33	151.44	1.459
43-75-S	96.51	72.38	7285.36	78.62	1.056
43-76-S	96.51	72.38	7295.39	89.78	1.155
43-77-S	80.42	72.38	6105.92	82.01	1.051

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
43-78-S	80.42	40.21	6050.38	84.19	1.124
43-79-S	80.42	40.21	6053.12	87.31	1.221
43-80-S	80.42	40.21	6055.71	90.25	1.322
43-81-S	80.42	40.21	6058.13	93.00	1.420
43-82-S	80.42	40.21	6060.74	95.97	1.532
43-83-S	80.42	40.21	6063.81	99.46	1.664
43-84-S	80.42	40.21	6067.66	103.84	1.815
43-85-S	40.21	40.21	3075.48	55.13	1.001
43-86-S	40.21	40.21	3077.87	57.77	1.093
43-87-S	40.21	40.21	3080.52	60.72	1.201
43-88-S	40.21	40.21	3083.90	64.46	1.332
43-89-S	40.21	80.42	3109.98	73.35	1.506
43-90-S	40.21	80.42	3122.10	86.47	1.723
43-91-S	40.21	80.42	3138.48	104.21	2.013
43-92-S	40.21	80.42	3161.79	129.45	2.425
43-93-S	40.21	40.21	1813.13	57.18	1.728
43-94-S	40.21	40.21	1823.51	76.46	2.168
43-95-S	40.21	40.21	1839.90	106.90	2.899
43-96-S	40.21	40.21	1871.28	165.18	4.355
43-97-S	40.21	40.21	1961.79	333.28	8.672
43-98-S	40.21	40.21	-1780.71	-2.96	7.964
43-99-S	40.21	40.21	-1781.18	-2.09	5.694
43-100-S	40.21	40.21	-1839.00	106.06	3.751
43-101-S	40.21	40.21	-1817.06	65.00	2.767
43-102-S	40.21	40.21	-1806.88	45.94	2.406
43-103-S	40.21	40.21	-1802.06	36.91	2.443
43-104-S	40.21	40.21	-1799.93	32.93	2.890
43-105-S	40.21	40.21	-1797.05	27.54	3.588
43-106-S	40.21	40.21	-1792.52	19.05	4.686
43-107-S	40.21	40.21	-1784.25	3.57	6.832
43-108-S	40.21	40.21	-1782.22	-0.22	8.168
43-109-S	40.21	40.21	-1782.08	-0.48	9.014
43-110-S	40.21	40.21	-1782.05	-0.53	10.119
43-111-S	40.21	40.21	-1782.00	-0.61	11.601
44-1-S	40.21	40.21	-1783.01	1.26	11.074
44-2-S	40.21	40.21	-1783.70	2.54	9.735
44-3-S	40.21	40.21	-1784.34	3.75	8.707
44-4-S	40.21	40.21	-1784.85	4.70	7.885
44-5-S	40.21	40.21	-1785.26	5.47	7.184
44-6-S	40.21	40.21	-1785.51	5.93	6.356
44-7-S	40.21	40.21	-1785.60	6.11	5.725
44-8-S	40.21	40.21	-1785.60	6.09	5.231
44-9-S	40.21	40.21	-1785.32	5.57	4.905
44-10-S	40.21	40.21	-1784.41	3.88	5.035
44-11-S	40.21	40.21	-1783.27	1.74	5.288
44-12-S	40.21	40.21	-1782.07	-0.49	5.631
44-13-S	40.21	40.21	-1780.78	-2.83	6.123
44-14-S	40.21	40.21	-1779.80	-4.61	7.192
44-15-S	40.21	40.21	-1779.02	-6.02	9.532
44-16-S	40.21	40.21	-1611.34	-309.69	9.415
44-17-S	40.21	40.21	-1633.94	-268.76	8.124
44-18-S	40.21	40.21	1782.34	0.00	6.997
44-19-S	40.21	40.21	1782.34	0.00	5.491
44-20-S	40.21	80.42	3042.24	0.00	7.788
44-21-S	40.21	80.42	3042.24	0.00	6.698
44-22-S	40.21	80.42	3042.24	0.00	5.876
44-23-S	40.21	80.42	3042.24	0.00	5.235
44-24-S	40.21	40.21	-2815.62	-224.72	4.681
44-25-S	40.21	40.21	-2840.04	-199.17	4.151
44-26-S	40.21	40.21	-2857.66	-180.52	3.610
44-27-S	40.21	40.21	-2871.35	-165.82	3.193
44-28-S	40.21	40.21	-2882.34	-154.02	2.863
44-29-S	40.21	40.21	-2891.40	-144.29	2.596
44-30-S	40.21	40.21	-2900.65	-134.35	2.323
44-31-S	40.21	40.21	-2908.29	-126.15	2.093
44-32-S	40.21	40.21	-2914.38	-119.60	1.906
44-33-S	40.21	40.21	-2920.32	-113.21	1.737
44-34-S	40.21	56.30	3035.98	1.75	1.897
44-35-S	40.21	56.30	3036.02	1.80	1.808
44-36-S	40.21	56.30	-4104.55	-119.40	1.651
44-37-S	40.21	56.30	-4121.53	-100.97	1.430
44-38-S	72.38	56.30	-4161.80	-86.18	1.277
44-39-S	72.38	88.47	-9083.01	-235.23	2.483
44-40-S	72.38	112.59	-14287.49	-359.73	3.380
44-41-S	72.38	112.59	-14365.45	-311.49	3.078
44-42-S	72.38	112.59	-14395.86	-292.67	3.023
44-43-S	72.38	88.47	-11356.08	-231.36	2.415
44-44-S	72.38	56.30	-7241.01	-160.06	1.608
44-45-S	72.38	56.30	-7200.17	-184.25	1.750
44-46-S	72.38	56.30	-7153.36	-211.96	1.969
44-47-S	72.38	56.30	-7100.32	-243.36	2.276
44-48-S	72.38	56.30	9620.21	11.85	2.475
44-49-S	72.38	56.30	9602.09	0.34	2.248
44-50-S	72.38	56.30	9583.72	-10.90	2.058
44-51-S	72.38	56.30	9567.30	-20.94	1.897
44-52-S	72.38	56.30	9552.18	-30.18	1.752
44-53-S	72.38	56.30	9538.35	-38.64	1.579
44-54-S	72.38	56.30	9529.58	-44.00	1.473
44-55-S	72.38	56.30	9524.89	-46.87	1.416
44-56-S	72.38	56.30	9523.38	-47.78	1.392
44-57-S	72.38	56.30	9526.54	-45.85	1.407
44-58-S	72.38	56.30	9535.36	-40.47	1.475
44-59-S	72.38	56.30	9547.77	-32.88	1.582

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	[cmq]	[kNm]	[kN]	
44-60-S	72.38	56.30	9824.97	141.93	1.616
44-61-S	72.38	56.30	9830.71	145.58	1.481
44-62-S	72.38	56.30	9827.62	143.61	1.360
44-63-S	72.38	56.30	9802.24	127.49	1.243
44-64-S	72.38	56.30	9785.96	117.14	1.151
44-65-S	72.38	56.30	9777.72	111.91	1.076
44-66-S	72.38	56.30	9774.62	109.94	1.031
44-67-S	72.38	56.30	9769.68	106.81	1.005
44-68-S	104.55	56.30	14001.37	144.61	1.421
44-69-S	104.55	88.47	14084.10	137.40	1.436
44-70-S	104.55	112.59	14136.79	139.91	1.466
44-71-S	104.55	112.59	14156.24	152.06	1.516
44-72-S	104.55	112.59	14190.00	173.15	1.627
44-73-S	104.55	88.47	11752.73	140.52	1.473
44-74-S	104.55	56.30	7823.70	72.04	1.058
44-75-S	104.55	56.30	7831.55	81.69	1.144
44-76-S	104.55	56.30	7839.26	91.18	1.247
44-77-S	104.55	40.21	7786.74	95.40	1.336
44-78-S	72.38	40.21	5453.82	69.98	1.013
44-79-S	72.38	40.21	5456.03	72.48	1.095
44-80-S	72.38	40.21	5457.91	74.60	1.175
44-81-S	72.38	40.21	5460.07	77.04	1.266
44-82-S	72.38	40.21	5462.53	79.82	1.368
44-83-S	72.38	40.21	5465.19	82.84	1.478
44-84-S	72.38	40.21	5468.36	86.42	1.603
44-85-S	72.38	40.21	5472.11	90.65	1.749
44-86-S	40.21	40.21	3074.22	53.74	1.081
44-87-S	40.21	40.21	3077.57	57.45	1.199
44-88-S	40.21	40.21	3083.38	63.88	1.330
44-89-S	40.21	80.42	3110.56	73.98	1.502
44-90-S	40.21	80.42	3121.95	86.31	1.711
44-91-S	40.21	80.42	3137.03	102.64	1.989
44-92-S	40.21	80.42	3157.75	125.07	2.372
44-93-S	40.21	40.21	1811.18	53.56	1.659
44-94-S	40.21	40.21	1819.46	68.93	2.101
44-95-S	40.21	40.21	1832.34	92.86	2.815
44-96-S	40.21	40.21	1855.65	136.15	4.149
44-97-S	40.21	40.21	1917.64	251.28	7.734
44-98-S	40.21	40.21	-1779.85	-4.51	7.114
44-99-S	40.21	40.21	-1780.82	-2.75	6.071
44-100-S	40.21	40.21	-1782.09	-0.45	5.594
44-101-S	40.21	40.21	-1783.29	1.77	5.261
44-102-S	40.21	40.21	-1825.26	80.34	4.641
44-103-S	40.21	40.21	-1813.38	58.09	4.273
44-104-S	40.21	40.21	-1810.30	52.34	4.576
44-105-S	40.21	40.21	-1808.04	48.11	5.090
44-106-S	40.21	40.21	-1804.55	41.57	5.787
44-107-S	40.21	40.21	-1799.09	31.35	6.776
44-108-S	40.21	40.21	-1798.69	30.60	7.725
44-109-S	40.21	40.21	-1784.34	3.75	8.702
44-110-S	40.21	40.21	-1783.70	2.55	9.729
44-111-S	40.21	40.21	-1783.01	1.26	11.067
45-1-S	40.21	40.21	-1786.60	7.98	10.791
45-2-S	40.21	40.21	-1786.82	8.38	9.637
45-3-S	40.21	40.21	-1786.88	8.50	8.770
45-4-S	40.21	40.21	-1786.81	8.37	8.106
45-5-S	40.21	40.21	-1786.70	8.16	7.545
45-6-S	40.21	40.21	-1786.42	7.64	6.791
45-7-S	40.21	40.21	-1786.08	7.01	6.041
45-8-S	40.21	40.21	-1785.60	6.10	5.235
45-9-S	40.21	40.21	-1785.06	5.09	4.478
45-10-S	40.21	40.21	-1784.44	3.94	3.920
45-11-S	40.21	40.21	-1783.88	2.88	4.061
45-12-S	40.21	40.21	-1783.22	1.64	4.455
45-13-S	40.21	40.21	-1782.40	0.11	4.903
45-14-S	40.21	40.21	-1781.29	-1.90	5.705
45-15-S	40.21	40.21	-1779.70	-4.79	8.209
45-16-S	40.21	40.21	-1646.65	-245.73	7.396
45-17-S	40.21	40.21	-1669.07	-205.13	6.325
45-18-S	40.21	40.21	-1685.61	-175.18	5.532
45-19-S	40.21	40.21	-1698.45	-151.94	4.917
45-20-S	40.21	64.34	2787.94	0.00	6.961
45-21-S	40.21	80.42	3042.24	0.00	6.567
45-22-S	40.21	80.42	3042.24	0.00	5.789
45-23-S	40.21	80.42	3042.24	0.00	5.183
45-24-S	40.21	56.30	3034.38	0.00	4.683
45-25-S	40.21	40.21	-2882.48	-153.86	3.602
45-26-S	40.21	40.21	-2893.45	-142.08	3.204
45-27-S	40.21	40.21	-2901.88	-133.03	2.897
45-28-S	40.21	40.21	-2908.58	-125.83	2.654
45-29-S	40.21	40.21	-2914.11	-119.89	2.453
45-30-S	40.21	40.21	-2921.64	-111.80	2.220
45-31-S	40.21	40.21	-2927.92	-105.05	2.035
45-32-S	40.21	40.21	-2933.23	-99.35	1.883
45-33-S	40.21	40.21	-2937.80	-94.44	1.751
45-34-S	40.21	40.21	-2944.41	-87.34	1.566
45-35-S	40.21	40.21	-2951.06	-80.20	1.388
45-36-S	40.21	40.21	-2955.57	-75.36	1.281
45-37-S	40.21	64.34	3037.69	0.17	1.602
45-38-S	40.21	64.34	3037.50	-0.03	1.501
45-39-S	40.21	64.34	3037.15	-0.40	1.404
45-40-S	40.21	72.38	3930.74	-1.23	1.684
45-41-S	72.38	104.55	8657.04	-5.12	3.443

Is	Afi	Afs	M_u	N_u	FS
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45-42-S	72.38	128.68	9670.08	-8.75	3.573
45-43-S	72.38	128.68	9664.18	-12.27	3.307
45-44-S	72.38	120.64	9650.04	-17.41	3.058
45-45-S	72.38	88.47	9614.64	-20.90	2.833
45-46-S	72.38	64.34	9578.53	-22.66	2.619
45-47-S	72.38	64.34	9572.07	-26.60	2.392
45-48-S	72.38	64.34	9562.75	-32.27	2.168
45-49-S	72.38	64.34	9554.72	-37.16	1.982
45-50-S	72.38	64.34	9546.77	-42.01	1.820
45-51-S	72.38	64.34	9540.06	-46.09	1.643
45-52-S	72.38	64.34	9538.87	-46.82	1.375
45-53-S	72.38	64.34	9538.46	-47.07	1.182
45-54-S	72.38	64.34	9538.50	-47.04	1.037
45-55-S	80.42	80.42	10610.20	-51.83	1.037
45-56-S	80.42	64.34	10586.63	-49.22	1.073
45-57-S	72.38	64.34	9545.25	-42.93	1.056
45-58-S	72.38	64.34	9544.95	-43.11	1.193
45-59-S	72.38	64.34	9541.55	-45.18	1.402
45-60-S	72.38	64.34	9543.03	-44.28	1.596
45-61-S	72.38	64.34	9700.79	53.79	1.572
45-62-S	72.38	64.34	9706.37	57.32	1.458
45-63-S	72.38	64.34	9706.85	57.62	1.376
45-64-S	72.38	64.34	9709.13	59.06	1.319
45-65-S	72.38	64.34	9712.99	61.51	1.273
45-66-S	72.38	88.47	9752.34	64.45	1.237
45-67-S	72.38	120.64	9792.04	69.78	1.219
45-68-S	72.38	128.68	9811.81	78.34	1.214
45-69-S	72.38	128.68	9826.84	87.60	1.225
45-70-S	72.38	104.55	8779.32	79.22	1.129
45-71-S	104.55	72.38	10193.58	84.58	1.357
45-72-S	104.55	64.34	7832.01	56.17	1.081
45-73-S	104.55	64.34	7838.41	63.93	1.138
45-74-S	104.55	64.34	7844.27	71.03	1.210
45-75-S	104.55	40.21	7770.28	74.44	1.268
45-76-S	104.55	40.21	7773.03	77.95	1.346
45-77-S	72.38	40.21	5442.61	57.30	1.010
45-78-S	72.38	40.21	5444.95	59.95	1.085
45-79-S	72.38	40.21	5446.55	61.76	1.158
45-80-S	72.38	40.21	5448.69	64.17	1.239
45-81-S	72.38	40.21	5451.36	67.20	1.330
45-82-S	72.38	40.21	5454.48	70.73	1.438
45-83-S	72.38	40.21	5457.79	74.46	1.562
45-84-S	72.38	40.21	5460.68	77.74	1.704
45-85-S	40.21	40.21	3067.62	46.43	1.047
45-86-S	40.21	40.21	3072.18	51.47	1.148
45-87-S	40.21	56.30	3087.65	58.36	1.269
45-88-S	40.21	80.42	3103.96	66.83	1.418
45-89-S	40.21	80.42	3113.62	77.29	1.603
45-90-S	40.21	80.42	3126.19	90.90	1.842
45-91-S	40.21	64.34	2865.37	91.82	1.973
45-92-S	40.21	40.21	1807.11	46.01	1.477
45-93-S	40.21	40.21	1813.57	58.00	1.823
45-94-S	40.21	40.21	1823.97	77.31	2.380
45-95-S	40.21	40.21	1843.55	113.68	3.425
45-96-S	40.21	40.21	1891.89	203.47	6.055
45-97-S	40.21	40.21	-1781.26	-1.95	5.651
45-98-S	40.21	40.21	-1782.37	0.06	4.867
45-99-S	40.21	40.21	-1783.19	1.59	4.432
45-100-S	40.21	40.21	-1819.82	70.16	3.887
45-101-S	40.21	40.21	-1807.57	47.23	3.369
45-102-S	40.21	40.21	-1804.03	40.60	3.841
45-103-S	40.21	40.21	-1801.52	35.91	4.572
45-104-S	40.21	40.21	-1797.92	29.17	5.389
45-105-S	40.21	40.21	-1793.43	20.75	6.196
45-106-S	40.21	40.21	-1789.75	13.86	7.072
45-107-S	40.21	40.21	-1790.63	15.52	7.814
45-108-S	40.21	40.21	-1791.50	17.14	8.759
45-109-S	40.21	40.21	-1786.81	8.36	9.630
45-110-S	40.21	40.21	-1786.59	7.96	10.786
46-1-S	40.21	40.21	-1784.67	4.49	11.968
46-2-S	40.21	40.21	-1785.06	5.09	10.629
46-3-S	40.21	40.21	-1785.39	5.71	9.535
46-4-S	40.21	40.21	-1785.71	6.30	8.579
46-5-S	40.21	40.21	-1786.00	6.85	7.743
46-6-S	40.21	40.21	-1785.65	6.19	6.441
46-7-S	40.21	40.21	-1784.53	4.09	4.778
46-8-S	40.21	40.21	-1783.84	2.81	3.786
46-9-S	40.21	40.21	-1783.40	1.99	3.147
46-10-S	40.21	40.21	-1783.12	1.46	2.731
46-11-S	40.21	40.21	-1782.88	1.01	2.569
46-12-S	40.21	40.21	-1782.40	0.11	2.939
46-13-S	40.21	40.21	-1781.62	-1.30	3.701
46-14-S	40.21	40.21	-1780.28	-3.73	5.068
46-15-S	40.21	40.21	-1647.82	-243.63	7.174
46-16-S	40.21	40.21	-1665.32	-211.93	6.205
46-17-S	40.21	40.21	-1683.11	-179.71	5.443
46-18-S	40.21	40.21	-1697.64	-153.40	4.867
46-19-S	40.21	40.21	-1709.64	-131.67	4.413
46-20-S	40.21	40.21	-1939.83	-145.10	4.540
46-21-S	40.21	64.34	2787.94	0.00	6.084
46-22-S	40.21	80.42	3042.24	0.00	5.845
46-23-S	40.21	80.42	3042.24	0.00	5.220
46-24-S	40.21	80.42	3042.24	0.00	4.730

Is	Afi	Afs	M_u	N_u	FS
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46-25-S	40.21	56.30	3034.38	0.00	4.330
46-26-S	40.21	40.21	-2911.03	-123.20	3.264
46-27-S	40.21	40.21	-2918.56	-115.11	3.032
46-28-S	40.21	40.21	-2923.83	-109.44	2.823
46-29-S	40.21	40.21	-2929.29	-103.58	2.602
46-30-S	40.21	40.21	-2936.62	-95.71	2.355
46-31-S	40.21	40.21	-2942.20	-89.72	2.171
46-32-S	40.21	40.21	-2946.47	-85.12	2.035
46-33-S	40.21	40.21	-2949.82	-81.53	1.934
46-34-S	40.21	40.21	-2952.57	-78.58	1.856
46-35-S	40.21	40.21	3021.81	-4.18	1.721
46-36-S	40.21	40.21	3021.94	-4.04	1.593
46-37-S	40.21	40.21	3022.01	-3.97	1.485
46-38-S	40.21	40.21	3021.72	-4.28	1.386
46-39-S	40.21	40.21	3021.21	-4.82	1.293
46-40-S	40.21	40.21	3020.74	-5.33	1.210
46-41-S	40.21	56.30	3028.71	-6.02	1.126
46-42-S	40.21	56.30	3470.14	-8.80	1.194
46-43-S	40.21	72.38	4027.22	-12.94	1.287
46-44-S	40.21	80.42	4468.29	-17.40	1.320
46-45-S	64.34	96.51	7826.28	-37.19	2.125
46-46-S	64.34	104.55	8523.46	-46.90	2.142
46-47-S	64.34	96.51	8511.54	-50.39	1.973
46-48-S	64.34	88.47	8503.42	-51.13	1.780
46-49-S	64.34	80.42	8495.43	-51.28	1.615
46-50-S	64.34	64.34	8476.74	-51.24	1.477
46-51-S	64.34	56.30	8468.59	-49.30	1.315
46-52-S	64.34	56.30	8476.34	-44.58	1.114
46-53-S	80.42	56.30	10566.64	-51.28	1.210
46-54-S	80.42	56.30	10571.63	-48.22	1.082
46-55-S	80.42	56.30	10574.15	-46.67	1.012
46-56-S	80.42	56.30	10570.39	-48.98	1.081
46-57-S	80.42	56.30	10565.06	-52.25	1.196
46-58-S	64.34	56.30	8475.12	-45.32	1.104
46-59-S	64.34	56.30	8469.19	-48.94	1.291
46-60-S	64.34	64.34	8475.79	-51.81	1.508
46-61-S	64.34	80.42	8621.27	25.60	1.589
46-62-S	64.34	88.47	8635.60	29.48	1.507
46-63-S	64.34	96.51	8647.95	32.69	1.428
46-64-S	64.34	104.55	8480.17	35.88	1.345
46-65-S	64.34	96.51	7939.58	38.22	1.237
46-66-S	64.34	80.42	7207.56	37.16	1.103
46-67-S	88.47	72.38	8869.69	47.82	1.347
46-68-S	88.47	56.30	7608.42	41.04	1.163
46-69-S	88.47	56.30	6628.11	35.46	1.021
46-70-S	88.47	40.21	6589.60	39.40	1.031
46-71-S	88.47	40.21	6592.68	43.22	1.061
46-72-S	88.47	40.21	6594.89	45.96	1.089
46-73-S	88.47	40.21	6596.55	48.01	1.117
46-74-S	88.47	40.21	6598.32	50.21	1.169
46-75-S	88.47	40.21	6600.30	52.66	1.235
46-76-S	88.47	40.21	6602.53	55.42	1.304
46-77-S	64.34	40.21	4842.81	42.88	1.007
46-78-S	64.34	40.21	4844.80	45.12	1.066
46-79-S	64.34	40.21	4846.30	46.81	1.136
46-80-S	64.34	40.21	4848.05	48.77	1.214
46-81-S	64.34	40.21	4850.08	51.06	1.299
46-82-S	64.34	40.21	4852.44	53.71	1.392
46-83-S	64.34	40.21	4855.27	56.90	1.496
46-84-S	40.21	40.21	3061.99	40.19	1.022
46-85-S	40.21	56.30	3076.13	45.74	1.120
46-86-S	40.21	80.42	3090.39	52.14	1.238
46-87-S	40.21	80.42	3097.24	59.55	1.380
46-88-S	40.21	80.42	3105.79	68.81	1.558
46-89-S	40.21	64.34	2845.35	68.09	1.631
46-90-S	40.21	40.21	2057.54	43.47	1.352
46-91-S	40.21	40.21	1804.33	40.85	1.365
46-92-S	40.21	40.21	1809.71	50.84	1.610
46-93-S	40.21	40.21	1817.49	65.29	1.976
46-94-S	40.21	40.21	1829.80	88.15	2.584
46-95-S	40.21	40.21	1845.18	116.71	3.447
46-96-S	40.21	40.21	1851.19	127.88	4.313
46-97-S	40.21	40.21	-1781.58	-1.38	3.705
46-98-S	40.21	40.21	-1813.87	59.03	2.846
46-99-S	40.21	40.21	-1802.21	37.20	2.263
46-100-S	40.21	40.21	-1798.39	30.05	2.368
46-101-S	40.21	40.21	-1795.77	25.13	2.759
46-102-S	40.21	40.21	-1792.38	18.79	3.388
46-103-S	40.21	40.21	-1787.02	8.76	4.431
46-104-S	40.21	40.21	-1777.23	-9.25	6.384
46-105-S	40.21	40.21	-1785.97	6.80	7.729
46-106-S	40.21	40.21	1770.68	-21.01	8.556
46-107-S	40.21	40.21	1771.30	-19.89	9.095
46-108-S	40.21	40.21	1772.47	-17.78	9.799
46-109-S	40.21	40.21	1774.32	-14.33	10.844
47-1-S	40.21	40.21	-1780.32	0.10	16.942
47-2-S	40.21	40.21	-1783.07	1.36	10.567
47-3-S	40.21	40.21	-1783.79	2.71	9.135
47-4-S	40.21	40.21	-1784.35	3.77	8.055
47-5-S	40.21	40.21	-1784.87	4.73	7.244
47-6-S	40.21	40.21	-1785.05	5.08	6.316
47-7-S	40.21	40.21	-1784.64	4.31	5.340
47-8-S	40.21	40.21	-1784.21	3.50	4.672

Is	Afi	Afs	M_u	N_u	FS
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47-9-S	40.21	40.21	-1783.88	2.88	4.157
47-10-S	40.21	40.21	-1783.54	2.25	3.769
47-11-S	40.21	40.21	-1782.90	1.05	3.904
47-12-S	40.21	40.21	-1781.92	-0.77	4.404
47-13-S	40.21	40.21	-1780.50	-3.33	5.078
47-14-S	40.21	40.21	-1778.60	-6.77	5.838
47-15-S	40.21	40.21	-1698.43	-151.97	6.089
47-16-S	40.21	40.21	-1709.51	-131.89	5.372
47-17-S	40.21	40.21	-1718.26	-116.05	4.805
47-18-S	40.21	40.21	-1724.69	-104.41	4.362
47-19-S	40.21	40.21	-1729.42	-95.84	4.015
47-20-S	40.21	40.21	-1732.19	-90.83	3.742
47-21-S	40.21	48.25	2283.40	0.00	4.920
47-22-S	40.21	64.34	2787.94	0.00	5.308
47-23-S	40.21	80.42	3042.24	0.00	5.213
47-24-S	40.21	80.42	3042.24	0.00	4.744
47-25-S	40.21	72.38	3020.55	-20.63	4.253
47-26-S	40.21	56.30	3017.56	-17.84	3.730
47-27-S	40.21	40.21	-2924.33	-108.91	3.281
47-28-S	40.21	40.21	3012.12	-14.54	2.955
47-29-S	40.21	40.21	3012.93	-13.67	2.648
47-30-S	40.21	40.21	3013.81	-12.73	2.393
47-31-S	40.21	40.21	3014.63	-11.85	2.181
47-32-S	40.21	40.21	3015.32	-11.12	2.004
47-33-S	40.21	40.21	3015.90	-10.49	1.853
47-34-S	40.21	40.21	3016.34	-10.03	1.714
47-35-S	40.21	40.21	3016.60	-9.74	1.572
47-36-S	40.21	40.21	3016.68	-9.66	1.445
47-37-S	40.21	40.21	3016.73	-9.61	1.336
47-38-S	40.21	40.21	3016.73	-9.61	1.244
47-39-S	40.21	40.21	3016.62	-9.73	1.162
47-40-S	40.21	40.21	3016.47	-9.89	1.077
47-41-S	40.21	40.21	3016.34	-10.02	1.003
47-42-S	64.34	40.21	4789.77	-16.20	1.490
47-43-S	64.34	40.21	4789.36	-16.63	1.381
47-44-S	64.34	40.21	4788.97	-17.06	1.265
47-45-S	64.34	40.21	4788.58	-17.48	1.168
47-46-S	64.34	40.21	4788.30	-17.79	1.082
47-47-S	64.34	40.21	5522.19	-23.45	1.153
47-48-S	64.34	48.25	5532.90	-25.03	1.076
47-49-S	64.34	48.25	6266.86	-30.12	1.141
47-50-S	64.34	56.30	6277.35	-30.69	1.063
47-51-S	80.42	56.30	7817.12	-38.79	1.235
47-52-S	80.42	48.25	8716.15	-43.54	1.286
47-53-S	80.42	56.30	9039.96	-44.33	1.267
47-54-S	80.42	40.21	8697.22	-42.70	1.213
47-55-S	80.42	48.25	8716.58	-43.21	1.227
47-56-S	80.42	48.25	8715.31	-44.16	1.271
47-57-S	80.42	56.30	7817.13	-38.78	1.204
47-58-S	80.42	56.30	7818.01	-38.05	1.290
47-59-S	80.42	48.25	7802.36	-37.24	1.398
47-60-S	80.42	48.25	6887.34	-30.99	1.330
47-61-S	80.42	40.21	6870.92	-29.05	1.436
47-62-S	80.42	40.21	5989.56	15.05	1.188
47-63-S	80.42	40.21	5991.63	17.40	1.150
47-64-S	80.42	40.21	5994.02	20.12	1.132
47-65-S	80.42	40.21	5996.12	22.51	1.115
47-66-S	80.42	40.21	5997.91	24.54	1.098
47-67-S	80.42	40.21	5999.94	26.86	1.103
47-68-S	80.42	40.21	6001.44	28.55	1.115
47-69-S	80.42	40.21	6002.89	30.20	1.127
47-70-S	80.42	40.21	6004.20	31.70	1.147
47-71-S	80.42	40.21	6005.59	33.28	1.170
47-72-S	80.42	40.21	6007.13	35.03	1.192
47-73-S	80.42	40.21	6008.72	36.84	1.226
47-74-S	64.34	40.21	4832.35	31.11	1.033
47-75-S	64.34	40.21	4833.83	32.77	1.082
47-76-S	64.34	40.21	4835.48	34.63	1.132
47-77-S	64.34	40.21	4837.32	36.70	1.185
47-78-S	64.34	40.21	4838.68	38.23	1.244
47-79-S	64.34	40.21	4840.06	39.78	1.311
47-80-S	64.34	40.21	4841.64	41.56	1.386
47-81-S	64.34	40.21	4843.99	44.21	1.472
47-82-S	64.34	56.30	4870.56	49.40	1.588
47-83-S	40.21	72.38	3073.30	36.06	1.091
47-84-S	40.21	80.42	3081.04	42.02	1.202
47-85-S	40.21	80.42	3087.83	49.37	1.336
47-86-S	40.21	64.34	2829.50	49.29	1.373
47-87-S	40.21	48.25	2310.64	39.55	1.270
47-88-S	40.21	40.21	1796.70	26.67	1.102
47-89-S	40.21	40.21	1798.25	29.55	1.241
47-90-S	40.21	40.21	1800.70	34.10	1.428
47-91-S	40.21	40.21	1804.25	40.69	1.688
47-92-S	40.21	40.21	1809.33	50.13	2.045
47-93-S	40.21	40.21	1813.96	58.73	2.356
47-94-S	40.21	40.21	1816.23	62.94	2.640
47-95-S	40.21	40.21	1816.47	63.38	2.986
47-96-S	40.21	40.21	1816.16	62.82	3.423
47-97-S	40.21	40.21	-1782.89	1.03	3.909
47-98-S	40.21	40.21	-1783.53	2.23	3.771
47-99-S	40.21	40.21	-1783.86	2.85	4.157
47-100-S	40.21	40.21	-1784.20	3.48	4.669
47-101-S	40.21	40.21	-1784.63	4.29	5.333

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	[cmq]	[kNm]	[kN]	
47-102-S	40.21	40.21	1778.60	-6.73	5.825
47-103-S	40.21	40.21	1775.53	-12.27	6.078
47-104-S	40.21	40.21	1774.82	-13.55	6.325
47-105-S	40.21	40.21	1774.63	-13.89	6.507
47-106-S	40.21	40.21	1774.58	-13.97	6.678
47-107-S	24.13	24.13	1065.09	-9.38	6.103
48-1-S	40.21	40.21	-1779.34	-0.70	18.972
48-2-S	40.21	40.21	-1782.71	0.69	10.490
48-3-S	40.21	40.21	-1783.79	2.71	9.230
48-4-S	40.21	40.21	-1784.64	4.30	8.238
48-5-S	40.21	40.21	-1785.32	5.58	7.437
48-6-S	40.21	40.21	-1785.61	6.12	6.830
48-7-S	40.21	40.21	-1785.10	5.16	6.234
48-8-S	40.21	40.21	-1783.87	2.87	5.845
48-9-S	40.21	40.21	-1782.60	0.48	5.540
48-10-S	40.21	40.21	-1781.42	-1.67	5.263
48-11-S	40.21	40.21	-1780.35	-3.61	5.012
48-12-S	40.21	40.21	-1779.44	-5.25	4.709
48-13-S	40.21	40.21	-1778.77	-6.47	4.323
48-14-S	40.21	40.21	-1777.58	-8.62	4.794
48-15-S	40.21	40.21	-1733.84	-87.83	5.549
48-16-S	40.21	40.21	-1728.17	-98.11	5.263
48-17-S	40.21	40.21	-1724.25	-105.21	4.967
48-18-S	40.21	40.21	-1720.99	-111.11	4.696
48-19-S	40.21	40.21	-1720.18	-112.58	4.406
48-20-S	40.21	40.21	-1728.82	-96.92	4.000
48-21-S	40.21	40.21	-1736.49	-83.04	3.652
48-22-S	40.21	48.25	2034.37	0.00	3.723
48-23-S	40.21	64.34	2519.98	-23.15	4.097
48-24-S	40.21	72.38	3012.79	-28.82	4.207
48-25-S	40.21	80.42	3017.77	-25.75	3.652
48-26-S	40.21	72.38	3017.66	-23.68	3.201
48-27-S	40.21	56.30	3013.61	-22.03	2.845
48-28-S	40.21	48.25	3011.04	-20.72	2.561
48-29-S	40.21	40.21	3007.38	-19.60	2.327
48-30-S	40.21	40.21	3008.42	-18.49	2.131
48-31-S	40.21	40.21	3009.35	-17.50	1.948
48-32-S	40.21	40.21	3010.08	-16.72	1.774
48-33-S	40.21	40.21	3010.66	-16.09	1.626
48-34-S	40.21	40.21	3011.16	-15.56	1.501
48-35-S	40.21	40.21	3011.59	-15.10	1.392
48-36-S	40.21	40.21	3011.97	-14.70	1.294
48-37-S	40.21	40.21	3012.20	-14.45	1.197
48-38-S	40.21	40.21	3012.34	-14.30	1.109
48-39-S	40.21	40.21	3012.47	-14.16	1.034
48-40-S	56.30	40.21	4196.47	-19.56	1.348
48-41-S	56.30	40.21	4196.61	-19.40	1.267
48-42-S	56.30	40.21	4196.81	-19.20	1.184
48-43-S	56.30	40.21	4197.02	-18.97	1.104
48-44-S	56.30	40.21	4197.21	-18.76	1.033
48-45-S	80.42	40.21	5952.27	-26.35	1.378
48-46-S	80.42	40.21	5952.53	-26.07	1.298
48-47-S	80.42	40.21	5952.80	-25.77	1.234
48-48-S	80.42	40.21	5953.04	-25.51	1.179
48-49-S	80.42	40.21	5953.26	-25.26	1.133
48-50-S	80.42	40.21	5953.49	-25.01	1.095
48-51-S	80.42	40.21	5953.68	-24.80	1.066
48-52-S	80.42	40.21	5953.83	-24.65	1.045
48-53-S	80.42	40.21	5953.86	-24.61	1.042
48-54-S	80.42	40.21	5953.81	-24.67	1.061
48-55-S	80.42	40.21	5953.72	-24.77	1.091
48-56-S	80.42	40.21	5953.63	-24.87	1.123
48-57-S	80.42	40.21	5953.50	-25.01	1.169
48-58-S	80.42	40.21	5953.30	-25.22	1.227
48-59-S	80.42	40.21	5952.97	-25.59	1.299
48-60-S	80.42	40.21	5952.48	-26.12	1.392
48-61-S	80.42	40.21	5989.12	14.55	1.398
48-62-S	80.42	40.21	5990.20	15.78	1.379
48-63-S	80.42	40.21	5991.31	17.04	1.360
48-64-S	80.42	40.21	5992.44	18.33	1.340
48-65-S	80.42	40.21	5993.62	19.66	1.320
48-66-S	80.42	40.21	5994.77	20.97	1.319
48-67-S	80.42	40.21	5995.87	22.23	1.335
48-68-S	80.42	40.21	5997.10	23.62	1.353
48-69-S	80.42	40.21	5998.48	25.19	1.371
48-70-S	80.42	40.21	5999.91	26.82	1.390
48-71-S	80.42	40.21	6001.39	28.50	1.411
48-72-S	56.30	40.21	4233.51	21.18	1.031
48-73-S	56.30	40.21	4234.59	22.39	1.070
48-74-S	56.30	40.21	4235.85	23.80	1.112
48-75-S	56.30	40.21	4237.42	25.55	1.158
48-76-S	56.30	40.21	4239.26	27.61	1.208
48-77-S	56.30	48.25	4251.13	30.52	1.275
48-78-S	56.30	56.30	4262.29	34.37	1.349
48-79-S	56.30	72.38	4278.34	39.08	1.431
48-80-S	56.30	80.42	4287.66	44.30	1.522
48-81-S	56.30	72.38	4288.84	50.56	1.632
48-82-S	56.30	64.34	3572.79	41.65	1.497
48-83-S	56.30	48.25	2854.17	32.05	1.330
48-84-S	56.30	40.21	2496.95	29.68	1.303
48-85-S	40.21	40.21	1796.25	25.83	1.063
48-86-S	40.21	40.21	1799.29	31.48	1.227
48-87-S	40.21	40.21	1799.99	32.78	1.379

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
48-88-S	40.21	40.21	1800.09	32.96	1.549
48-89-S	40.21	40.21	1799.82	32.47	1.733
48-90-S	40.21	40.21	1798.77	30.51	1.917
48-91-S	40.21	40.21	1797.64	28.41	2.111
48-92-S	40.21	40.21	1796.28	25.89	2.269
48-93-S	40.21	40.21	1794.02	21.68	2.384
48-94-S	40.21	40.21	1792.55	18.96	2.538
48-95-S	40.21	40.21	1791.22	16.49	2.726
48-96-S	40.21	40.21	1789.67	13.61	2.943
48-97-S	40.21	40.21	1787.84	10.22	3.192
48-98-S	40.21	40.21	1785.58	6.02	3.460
48-99-S	40.21	40.21	1783.22	1.63	3.677
48-100-S	40.21	40.21	1782.33	-0.01	3.870
48-101-S	40.21	40.21	1781.06	-2.30	4.061
48-102-S	40.21	40.21	1779.66	-4.83	4.275
48-103-S	40.21	40.21	1778.10	-7.64	4.516
48-104-S	24.13	24.13	1066.79	-4.90	4.911
49-1-S	32.17	32.17	-1423.10	-1.53	16.505
49-2-S	32.17	32.17	-1425.76	-2.40	8.543
49-3-S	40.21	40.21	-1780.46	-3.40	9.489
49-4-S	40.21	40.21	-1780.19	-3.89	8.920
49-5-S	40.21	40.21	-1779.96	-4.31	8.408
49-6-S	40.21	40.21	-1779.75	-4.69	7.946
49-7-S	40.21	40.21	-1779.32	-5.47	7.474
49-8-S	40.21	40.21	-1778.69	-6.62	6.731
49-9-S	40.21	40.21	-1778.44	-7.06	5.391
49-10-S	40.21	40.21	-1778.52	-6.92	4.306
49-11-S	40.21	40.21	-1778.57	-6.83	3.585
49-12-S	40.21	40.21	-1778.60	-6.78	3.077
49-13-S	40.21	40.21	-1778.42	-7.10	2.832
49-14-S	40.21	40.21	-1777.30	-9.13	3.221
49-15-S	40.21	40.21	-1775.16	-13.01	4.032
49-16-S	40.21	40.21	-1736.10	-83.74	5.088
49-17-S	40.21	40.21	-1727.84	-98.70	5.111
49-18-S	40.21	40.21	-1724.00	-105.65	5.004
49-19-S	40.21	40.21	1782.34	0.00	4.497
49-20-S	40.21	40.21	1782.34	0.00	3.882
49-21-S	40.21	40.21	1773.12	-16.62	3.283
49-22-S	40.21	40.21	1774.17	-14.72	2.749
49-23-S	40.21	40.21	2020.09	-17.22	2.691
49-24-S	40.21	56.30	2272.17	-19.89	2.647
49-25-S	40.21	64.34	2520.38	-22.65	2.603
49-26-S	40.21	72.38	2768.05	-25.52	2.562
49-27-S	40.21	80.42	3015.15	-28.50	2.524
49-28-S	40.21	72.38	3014.65	-26.86	2.296
49-29-S	40.21	56.30	3010.26	-25.58	2.085
49-30-S	40.21	48.25	3007.46	-24.53	1.909
49-31-S	40.21	40.21	3003.74	-23.50	1.755
49-32-S	40.21	40.21	3004.66	-22.51	1.621
49-33-S	40.21	40.21	3005.55	-21.56	1.498
49-34-S	40.21	40.21	3006.30	-20.76	1.386
49-35-S	40.21	40.21	3006.94	-20.08	1.289
49-36-S	40.21	40.21	3007.51	-19.47	1.203
49-37-S	40.21	40.21	3008.00	-18.93	1.125
49-38-S	40.21	40.21	3008.43	-18.48	1.052
49-39-S	48.25	40.21	3601.45	-21.65	1.180
49-40-S	48.25	40.21	3601.83	-21.25	1.111
49-41-S	48.25	40.21	3602.15	-20.89	1.053
49-42-S	48.25	40.21	3602.45	-20.58	1.000
49-43-S	64.34	40.21	4779.89	-26.91	1.264
49-44-S	64.34	40.21	4780.27	-26.50	1.201
49-45-S	64.34	40.21	4780.57	-26.17	1.155
49-46-S	64.34	40.21	4780.82	-25.91	1.119
49-47-S	64.34	40.21	4781.06	-25.65	1.085
49-48-S	64.34	40.21	4781.27	-25.41	1.055
49-49-S	64.34	40.21	4781.44	-25.23	1.031
49-50-S	64.34	40.21	4781.49	-25.17	1.026
49-51-S	64.34	40.21	4781.52	-25.15	1.024
49-52-S	64.34	40.21	4781.55	-25.11	1.023
49-53-S	64.34	40.21	4781.57	-25.09	1.025
49-54-S	64.34	40.21	4781.48	-25.19	1.043
49-55-S	64.34	40.21	4781.27	-25.41	1.078
49-56-S	64.34	40.21	4781.02	-25.69	1.120
49-57-S	64.34	40.21	4780.74	-25.99	1.165
49-58-S	64.34	40.21	4780.46	-26.29	1.211
49-59-S	64.34	40.21	4780.16	-26.61	1.258
49-60-S	64.34	40.21	4779.81	-27.00	1.315
49-61-S	64.34	40.21	4812.95	9.29	1.315
49-62-S	64.34	40.21	4813.86	10.31	1.291
49-63-S	64.34	40.21	4814.87	11.44	1.267
49-64-S	64.34	40.21	4815.70	12.38	1.263
49-65-S	64.34	40.21	4816.42	13.19	1.277
49-66-S	64.34	40.21	4817.27	14.15	1.289
49-67-S	64.34	40.21	4818.20	15.19	1.301
49-68-S	64.34	40.21	4819.27	16.39	1.313
49-69-S	64.34	40.21	4820.57	17.86	1.325
49-70-S	48.25	40.21	3634.89	14.79	1.029
49-71-S	48.25	40.21	3636.34	16.40	1.063
49-72-S	48.25	48.25	3645.04	18.41	1.099
49-73-S	48.25	56.30	3652.68	20.59	1.138
49-74-S	48.25	72.38	3663.46	23.01	1.182
49-75-S	48.25	80.42	3669.47	26.02	1.236
49-76-S	48.25	72.38	3364.50	25.42	1.201

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	[cmq]	[kNm]	[kN]	
49-77-S	48.25	64.34	3059.04	24.08	1.158
49-78-S	48.25	56.30	2753.26	22.05	1.106
49-79-S	48.25	40.21	2442.19	19.35	1.042
49-80-S	56.30	40.21	2491.22	18.89	1.129
49-81-S	48.25	40.21	2142.76	18.66	1.054
49-82-S	48.25	40.21	2145.04	22.92	1.186
49-83-S	40.21	40.21	1795.03	23.56	1.124
49-84-S	40.21	40.21	1796.95	27.14	1.278
49-85-S	40.21	40.21	1797.46	28.09	1.445
49-86-S	40.21	40.21	1796.94	27.12	1.636
49-87-S	40.21	40.21	1795.89	25.16	1.860
49-88-S	40.21	40.21	1794.12	21.89	2.109
49-89-S	40.21	40.21	1791.44	16.89	2.343
49-90-S	40.21	40.21	1787.99	10.50	2.375
49-91-S	40.21	40.21	1784.63	4.25	2.366
49-92-S	40.21	40.21	1781.26	-1.95	2.364
49-93-S	40.21	40.21	1777.84	-8.10	2.370
49-94-S	40.21	40.21	1774.72	-13.73	2.423
49-95-S	40.21	40.21	1772.88	-17.05	2.546
49-96-S	40.21	40.21	1772.44	-17.83	2.689
49-97-S	40.21	40.21	1772.72	-17.33	2.838
49-98-S	40.21	40.21	1773.02	-16.78	3.004
49-99-S	40.21	40.21	1773.37	-16.16	3.191
49-100-S	32.17	32.17	1420.03	-12.70	2.855
49-101-S	16.08	16.08	710.57	-6.01	2.825
50-1-S	32.17	32.17	1423.54	0.00	21.445
50-2-S	32.17	32.17	1426.05	0.00	10.147
50-3-S	40.21	40.21	1782.34	0.00	9.912
50-4-S	40.21	40.21	1782.34	0.00	9.593
50-5-S	40.21	40.21	1782.34	0.00	9.358
50-6-S	40.21	40.21	-1771.39	-19.83	8.841
50-7-S	40.21	40.21	-1772.85	-17.19	7.538
50-8-S	40.21	40.21	-1774.31	-14.54	5.861
50-9-S	40.21	40.21	-1775.17	-12.98	4.850
50-10-S	40.21	40.21	-1775.68	-12.06	4.299
50-11-S	40.21	40.21	-1776.01	-11.47	4.000
50-12-S	40.21	40.21	-1775.99	-11.51	3.848
50-13-S	40.21	40.21	-1774.14	-14.85	4.279
50-14-S	40.21	40.21	-1771.50	-19.63	4.903
50-15-S	40.21	40.21	1771.47	-19.57	4.335
50-16-S	40.21	40.21	1771.58	-19.38	3.850
50-17-S	40.21	40.21	1771.76	-19.06	3.445
50-18-S	40.21	40.21	1771.81	-18.96	3.173
50-19-S	40.21	40.21	1771.90	-18.81	2.972
50-20-S	40.21	40.21	1772.43	-17.85	2.683
50-21-S	40.21	40.21	1773.07	-16.70	2.393
50-22-S	40.21	40.21	1773.69	-15.58	2.131
50-23-S	40.21	40.21	1774.28	-14.53	1.901
50-24-S	40.21	40.21	1774.75	-13.68	1.717
50-25-S	40.21	48.25	2023.87	-16.57	1.773
50-26-S	40.21	48.25	2269.66	-19.32	1.780
50-27-S	40.21	56.30	2518.14	-22.24	1.790
50-28-S	40.21	64.34	2521.66	-21.03	1.641
50-29-S	40.21	72.38	2769.30	-24.09	1.662
50-30-S	40.21	72.38	3014.23	-27.29	1.679
50-31-S	40.21	64.34	3012.85	-26.10	1.551
50-32-S	40.21	56.30	3010.78	-25.03	1.428
50-33-S	40.21	48.25	3007.78	-24.19	1.327
50-34-S	40.21	40.21	3003.67	-23.57	1.242
50-35-S	40.21	40.21	3004.05	-23.16	1.174
50-36-S	40.21	40.21	3004.30	-22.90	1.118
50-37-S	40.21	40.21	3004.60	-22.58	1.066
50-38-S	40.21	40.21	3005.00	-22.15	1.017
50-39-S	56.30	40.21	4186.54	-30.28	1.353
50-40-S	56.30	40.21	4187.04	-29.74	1.294
50-41-S	56.30	40.21	4187.53	-29.21	1.239
50-42-S	56.30	40.21	4187.99	-28.71	1.187
50-43-S	56.30	40.21	4188.31	-28.37	1.151
50-44-S	56.30	40.21	4188.47	-28.19	1.127
50-45-S	56.30	40.21	4188.63	-28.02	1.104
50-46-S	56.30	40.21	4188.76	-27.88	1.084
50-47-S	56.30	40.21	4188.85	-27.79	1.067
50-48-S	56.30	40.21	4188.83	-27.80	1.068
50-49-S	56.30	40.21	4188.77	-27.87	1.077
50-50-S	56.30	40.21	4188.71	-27.93	1.086
50-51-S	56.30	40.21	4188.70	-27.94	1.094
50-52-S	56.30	40.21	4188.72	-27.92	1.102
50-53-S	56.30	40.21	4188.72	-27.92	1.115
50-54-S	56.30	40.21	4188.35	-28.32	1.151
50-55-S	56.30	40.21	4187.95	-28.76	1.191
50-56-S	56.30	40.21	4187.51	-29.23	1.238
50-57-S	56.30	40.21	4187.04	-29.73	1.290
50-58-S	56.30	40.21	4186.56	-30.26	1.344
50-59-S	56.30	40.21	4221.05	7.23	1.359
50-60-S	56.30	40.21	4221.65	7.91	1.331
50-61-S	56.30	40.21	4222.94	9.35	1.333
50-62-S	56.30	40.21	4224.43	11.01	1.341
50-63-S	56.30	40.21	4225.93	12.69	1.350
50-64-S	56.30	48.25	4236.65	14.41	1.362
50-65-S	56.30	56.30	4245.80	16.15	1.373
50-66-S	56.30	64.34	4253.72	17.91	1.384
50-67-S	56.30	72.38	4260.91	20.01	1.424
50-68-S	56.30	72.38	3909.83	18.82	1.351

Is	Afi	Afs	M_u	N_u	FS
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50-69-S	56.30	64.34	3554.33	17.48	1.271
50-70-S	56.30	56.30	3550.52	19.63	1.315
50-71-S	56.30	48.25	3194.14	18.08	1.227
50-72-S	56.30	48.25	2844.67	16.47	1.136
50-73-S	56.30	40.21	2488.59	13.95	1.045
50-74-S	56.30	40.21	2489.06	14.85	1.105
50-75-S	56.30	40.21	2489.66	15.96	1.172
50-76-S	56.30	40.21	2490.32	17.20	1.246
50-77-S	56.30	40.21	2490.85	18.21	1.326
50-78-S	40.21	40.21	1789.70	13.66	1.013
50-79-S	40.21	40.21	1789.82	13.88	1.074
50-80-S	40.21	40.21	1789.84	13.93	1.166
50-81-S	40.21	40.21	1789.09	12.54	1.278
50-82-S	40.21	40.21	1788.20	10.89	1.402
50-83-S	40.21	40.21	1786.99	8.64	1.552
50-84-S	40.21	40.21	1785.57	6.01	1.716
50-85-S	40.21	40.21	1783.84	2.79	1.897
50-86-S	40.21	40.21	1782.02	-0.59	2.024
50-87-S	40.21	40.21	1779.93	-4.35	2.149
50-88-S	40.21	40.21	1777.36	-8.97	2.246
50-89-S	40.21	40.21	1774.40	-14.30	2.306
50-90-S	40.21	40.21	1771.88	-18.84	2.327
50-91-S	40.21	40.21	1770.92	-20.56	2.381
50-92-S	40.21	40.21	1770.71	-20.95	2.457
50-93-S	40.21	40.21	1770.47	-21.37	2.539
50-94-S	40.21	40.21	1770.31	-21.67	2.640
50-95-S	32.17	32.17	1416.39	-17.40	2.709
50-96-S	16.08	16.08	708.36	-8.47	2.873
51-1-S	24.13	24.13	1067.72	0.00	16.441
51-2-S	24.13	24.13	1069.98	0.00	7.815
51-3-S	40.21	40.21	1766.25	-28.79	8.419
51-4-S	40.21	40.21	1767.38	-26.95	7.877
51-5-S	40.21	40.21	1768.56	-24.82	7.412
51-6-S	40.21	40.21	1769.73	-22.72	6.936
51-7-S	40.21	40.21	1771.03	-20.37	6.281
51-8-S	40.21	40.21	1772.39	-17.93	5.495
51-9-S	40.21	40.21	1773.62	-15.71	4.782
51-10-S	40.21	40.21	1774.60	-13.94	4.206
51-11-S	40.21	40.21	1774.40	-14.30	3.773
51-12-S	40.21	40.21	1773.96	-15.10	3.434
51-13-S	40.21	40.21	1773.61	-15.72	3.139
51-14-S	40.21	40.21	1773.22	-16.44	2.927
51-15-S	40.21	40.21	1772.37	-17.97	2.894
51-16-S	40.21	40.21	1771.29	-19.91	2.930
51-17-S	40.21	40.21	1770.32	-21.66	2.945
51-18-S	40.21	40.21	1770.33	-21.63	2.793
51-19-S	40.21	40.21	1771.13	-20.20	2.526
51-20-S	40.21	40.21	1771.84	-18.91	2.293
51-21-S	40.21	40.21	1772.59	-17.57	2.062
51-22-S	40.21	40.21	1773.40	-16.11	1.828
51-23-S	40.21	40.21	1774.14	-14.77	1.615
51-24-S	40.21	40.21	1774.70	-13.76	1.450
51-25-S	40.21	40.21	1775.21	-12.84	1.306
51-26-S	40.21	40.21	1775.63	-12.09	1.188
51-27-S	40.21	40.21	1775.96	-11.50	1.091
51-28-S	40.21	40.21	2021.87	-14.39	1.168
51-29-S	40.21	48.25	2025.33	-14.27	1.113
51-30-S	40.21	48.25	2271.01	-17.43	1.173
51-31-S	40.21	56.30	2274.22	-17.03	1.104
51-32-S	40.21	56.30	2519.59	-20.40	1.154
51-33-S	40.21	56.30	2519.90	-20.01	1.092
51-34-S	40.21	56.30	2764.54	-23.67	1.137
51-35-S	40.21	56.30	2764.91	-23.24	1.082
51-36-S	40.21	56.30	3009.01	-26.91	1.124
51-37-S	40.21	48.25	3005.81	-26.29	1.078
51-38-S	40.21	56.30	3010.08	-25.78	1.042
51-39-S	40.21	48.25	3006.79	-25.24	1.010
51-40-S	48.25	48.25	3600.66	-29.67	1.178
51-41-S	48.25	48.25	3601.08	-29.21	1.149
51-42-S	48.25	40.21	3594.54	-29.07	1.128
51-43-S	48.25	40.21	3594.47	-29.15	1.113
51-44-S	48.25	40.21	3594.40	-29.22	1.101
51-45-S	48.25	40.21	3594.38	-29.24	1.094
51-46-S	48.25	40.21	3594.37	-29.26	1.094
51-47-S	48.25	40.21	3594.44	-29.18	1.098
51-48-S	48.25	40.21	3594.57	-29.04	1.104
51-49-S	48.25	40.21	3594.75	-28.84	1.111
51-50-S	48.25	40.21	3594.93	-28.65	1.120
51-51-S	48.25	48.25	3601.21	-29.08	1.146
51-52-S	48.25	48.25	3600.71	-29.60	1.175
51-53-S	40.21	48.25	3006.84	-25.19	1.007
51-54-S	40.21	56.30	3010.13	-25.72	1.038
51-55-S	40.21	48.25	3005.86	-26.23	1.072
51-56-S	40.21	56.30	3009.04	-26.87	1.117
51-57-S	40.21	56.30	2789.70	5.55	1.061
51-58-S	40.21	56.30	2790.56	6.57	1.064
51-59-S	56.30	56.30	3542.32	8.82	1.360
51-60-S	56.30	56.30	3543.20	9.99	1.370
51-61-S	56.30	56.30	3194.03	8.97	1.243
51-62-S	56.30	48.25	3188.48	9.77	1.248
51-63-S	56.30	48.25	2781.64	8.14	1.095
51-64-S	56.30	40.21	2775.26	9.05	1.103
51-65-S	56.30	40.21	2485.63	8.39	1.014

Is	Afi	Afs	M_u	N_u	FS
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51-66-S	56.30	40.21	2486.69	10.37	1.057
51-67-S	56.30	40.21	2487.86	12.58	1.106
51-68-S	56.30	40.21	2489.11	14.94	1.159
51-69-S	56.30	40.21	2490.48	17.52	1.216
51-70-S	56.30	40.21	2491.33	19.10	1.294
51-71-S	40.21	40.21	1789.56	13.41	1.007
51-72-S	40.21	40.21	1789.00	12.37	1.082
51-73-S	40.21	40.21	1788.13	10.74	1.158
51-74-S	40.21	40.21	1786.93	8.52	1.236
51-75-S	40.21	40.21	1785.21	5.32	1.277
51-76-S	40.21	40.21	1783.04	1.30	1.270
51-77-S	40.21	40.21	1780.80	-2.77	1.257
51-78-S	40.21	40.21	1778.92	-6.17	1.267
51-79-S	40.21	40.21	1777.76	-8.26	1.332
51-80-S	40.21	40.21	1776.98	-9.66	1.405
51-81-S	40.21	40.21	1776.41	-10.69	1.470
51-82-S	40.21	40.21	1776.12	-11.21	1.542
51-83-S	40.21	40.21	1776.14	-11.17	1.646
51-84-S	40.21	40.21	1775.40	-12.50	1.766
51-85-S	40.21	40.21	1773.88	-15.23	1.892
51-86-S	40.21	40.21	1772.77	-17.25	2.004
51-87-S	40.21	40.21	1772.36	-17.98	2.098
51-88-S	40.21	40.21	1772.06	-18.52	2.192
51-89-S	40.21	40.21	1771.69	-18.99	2.311
51-90-S	24.13	24.13	1063.41	-11.83	2.130
51-91-S	8.04	8.04	355.23	-4.11	1.494
52-1-S	16.08	16.08	706.17	-10.60	8.999
52-2-S	16.08	16.08	708.52	-10.07	4.084
52-3-S	32.17	32.17	1415.45	-19.12	4.948
52-4-S	40.21	40.21	1769.59	-22.96	4.687
52-5-S	40.21	40.21	1769.89	-22.43	4.325
52-6-S	40.21	40.21	1770.33	-21.63	3.970
52-7-S	40.21	40.21	1771.01	-20.42	3.626
52-8-S	40.21	40.21	1771.25	-19.98	3.355
52-9-S	40.21	40.21	1771.25	-19.99	3.165
52-10-S	40.21	40.21	1771.27	-19.94	3.018
52-11-S	40.21	40.21	1771.10	-20.24	2.928
52-12-S	40.21	40.21	1770.20	-21.88	2.963
52-13-S	40.21	40.21	1769.17	-23.73	3.016
52-14-S	40.21	40.21	1768.30	-25.30	3.037
52-15-S	40.21	40.21	1767.66	-26.45	3.024
52-16-S	40.21	40.21	1767.63	-26.50	2.916
52-17-S	40.21	40.21	1769.40	-23.31	2.481
52-18-S	40.21	40.21	1770.91	-20.58	2.121
52-19-S	40.21	40.21	1772.18	-18.31	1.829
52-20-S	40.21	40.21	1773.19	-16.48	1.597
52-21-S	40.21	40.21	1773.93	-15.15	1.424
52-22-S	40.21	40.21	1774.23	-14.61	1.326
52-23-S	40.21	40.21	1774.36	-14.38	1.257
52-24-S	40.21	40.21	1774.34	-14.42	1.210
52-25-S	40.21	40.21	1774.31	-14.47	1.169
52-26-S	40.21	40.21	1774.29	-14.50	1.128
52-27-S	40.21	40.21	1774.31	-14.47	1.086
52-28-S	40.21	40.21	1774.51	-14.10	1.027
52-29-S	64.34	40.21	2816.22	-21.33	1.522
52-30-S	64.34	40.21	2816.73	-20.36	1.429
52-31-S	64.34	40.21	2817.22	-19.44	1.348
52-32-S	64.34	40.21	2817.69	-18.54	1.276
52-33-S	64.34	40.21	2818.07	-17.83	1.218
52-34-S	64.34	40.21	2818.27	-17.45	1.182
52-35-S	64.34	40.21	2818.45	-17.11	1.148
52-36-S	64.34	40.21	2818.60	-16.82	1.118
52-37-S	64.34	40.21	3209.35	-21.40	1.241
52-38-S	64.34	40.21	3209.52	-21.13	1.211
52-39-S	64.34	48.25	3218.73	-20.99	1.188
52-40-S	64.34	48.25	3218.60	-21.19	1.186
52-41-S	64.34	48.25	3218.51	-21.35	1.190
52-42-S	64.34	48.25	3218.47	-21.40	1.192
52-43-S	64.34	40.21	3209.38	-21.36	1.189
52-44-S	64.34	48.25	3218.45	-21.43	1.193
52-45-S	64.34	48.25	3218.47	-21.40	1.193
52-46-S	64.34	48.25	3218.55	-21.27	1.190
52-47-S	64.34	48.25	3218.68	-21.08	1.192
52-48-S	64.34	40.21	3209.47	-21.22	1.215
52-49-S	64.34	40.21	3209.31	-21.47	1.243
52-50-S	64.34	40.21	2818.57	-16.88	1.119
52-51-S	64.34	40.21	2818.43	-17.15	1.148
52-52-S	64.34	40.21	2818.25	-17.48	1.179
52-53-S	64.34	40.21	2818.06	-17.85	1.214
52-54-S	64.34	40.21	2817.69	-18.55	1.271
52-55-S	64.34	40.21	2829.65	4.37	1.331
52-56-S	64.34	40.21	2829.13	3.32	1.345
52-57-S	64.34	40.21	2828.77	2.59	1.359
52-58-S	64.34	40.21	2828.53	2.10	1.373
52-59-S	64.34	40.21	2828.53	2.09	1.375
52-60-S	64.34	40.21	2829.00	3.05	1.382
52-61-S	64.34	40.21	2829.50	4.07	1.389
52-62-S	64.34	40.21	2830.01	5.10	1.396
52-63-S	64.34	40.21	2830.56	6.20	1.405
52-64-S	64.34	40.21	2831.40	7.92	1.437
52-65-S	64.34	40.21	2832.53	10.19	1.505
52-66-S	40.21	40.21	1785.53	5.93	1.029
52-67-S	40.21	40.21	1784.63	4.24	1.133

Is	Afi	Afs	M_u	N_u	FS
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52-68-S	40.21	40.21	1783.51	2.18	1.257
52-69-S	40.21	40.21	1782.24	-0.18	1.397
52-70-S	40.21	40.21	1780.62	-3.09	1.552
52-71-S	40.21	40.21	1778.70	-6.56	1.556
52-72-S	40.21	40.21	1776.73	-10.11	1.527
52-73-S	40.21	40.21	1774.79	-13.60	1.491
52-74-S	40.21	40.21	1772.99	-16.85	1.450
52-75-S	40.21	40.21	1771.40	-19.71	1.414
52-76-S	40.21	40.21	1771.15	-20.16	1.424
52-77-S	40.21	40.21	1771.30	-19.89	1.449
52-78-S	40.21	40.21	1771.44	-19.64	1.479
52-79-S	40.21	40.21	1771.65	-19.25	1.529
52-80-S	40.21	40.21	1771.97	-18.68	1.607
52-81-S	40.21	40.21	1772.26	-18.16	1.684
52-82-S	40.21	40.21	1772.50	-17.72	1.762
52-83-S	32.17	32.17	1418.19	-14.19	1.791
52-84-S	16.08	16.08	710.12	-7.19	1.415
52-85-S	8.04	8.04	355.04	-3.64	1.492
53-1-S	16.08	16.08	706.13	-10.24	7.008
53-2-S	16.08	16.08	707.57	-10.37	3.289
53-3-S	24.13	24.13	1061.29	-15.67	3.086
53-4-S	32.17	32.17	1414.81	-21.12	2.974
53-5-S	40.21	40.21	1767.67	-26.43	3.174
53-6-S	40.21	40.21	1767.80	-26.18	3.079
53-7-S	40.21	40.21	1768.01	-25.82	2.986
53-8-S	40.21	40.21	1768.29	-25.31	2.886
53-9-S	40.21	40.21	1768.67	-24.63	2.703
53-10-S	40.21	40.21	1769.00	-24.02	2.546
53-11-S	40.21	40.21	1769.26	-23.56	2.417
53-12-S	40.21	40.21	1769.46	-23.20	2.307
53-13-S	40.21	40.21	1770.01	-22.22	2.138
53-14-S	40.21	40.21	1770.96	-20.50	1.903
53-15-S	40.21	40.21	1771.65	-19.25	1.722
53-16-S	40.21	40.21	1772.12	-18.41	1.585
53-17-S	40.21	40.21	1772.41	-17.89	1.480
53-18-S	40.21	40.21	1772.53	-17.68	1.406
53-19-S	40.21	40.21	1772.43	-17.84	1.367
53-20-S	40.21	40.21	1772.36	-17.98	1.328
53-21-S	40.21	40.21	1772.31	-18.06	1.289
53-22-S	40.21	40.21	1772.17	-18.33	1.270
53-23-S	40.21	40.21	1771.75	-19.07	1.290
53-24-S	40.21	40.21	1771.08	-20.28	1.345
53-25-S	40.21	40.21	1770.80	-20.79	1.361
53-26-S	40.21	40.21	1771.74	-19.09	1.250
53-27-S	40.21	40.21	1772.66	-17.44	1.141
53-28-S	40.21	40.21	1773.49	-15.94	1.041
53-29-S	56.30	40.21	2470.02	-20.32	1.321
53-30-S	56.30	40.21	2470.89	-18.73	1.211
53-31-S	56.30	40.21	2471.08	-18.38	1.180
53-32-S	56.30	40.21	2471.16	-18.23	1.159
53-33-S	56.30	40.21	2471.24	-18.09	1.138
53-34-S	56.30	40.21	2471.31	-17.97	1.117
53-35-S	56.30	40.21	2471.35	-17.89	1.097
53-36-S	56.30	40.21	2471.12	-18.32	1.112
53-37-S	56.30	40.21	2470.84	-18.82	1.129
53-38-S	56.30	40.21	2470.54	-19.38	1.148
53-39-S	56.30	40.21	2470.20	-19.98	1.170
53-40-S	56.30	40.21	2470.20	-19.99	1.170
53-41-S	56.30	40.21	2470.52	-19.40	1.149
53-42-S	56.30	40.21	2470.82	-18.85	1.130
53-43-S	56.30	40.21	2471.09	-18.36	1.113
53-44-S	56.30	40.21	2471.32	-17.94	1.098
53-45-S	56.30	40.21	2471.28	-18.01	1.117
53-46-S	56.30	40.21	2471.22	-18.14	1.138
53-47-S	56.30	40.21	2471.14	-18.27	1.158
53-48-S	56.30	40.21	2471.07	-18.41	1.178
53-49-S	56.30	40.21	2470.88	-18.75	1.208
53-50-S	56.30	40.21	2470.01	-20.33	1.318
53-51-S	40.21	40.21	1773.49	-15.94	1.038
53-52-S	40.21	40.21	1772.66	-17.44	1.137
53-53-S	40.21	40.21	1781.52	-1.49	1.208
53-54-S	40.21	40.21	1780.27	-3.73	1.248
53-55-S	40.21	40.21	1778.42	-7.06	1.179
53-56-S	40.21	40.21	1776.78	-10.01	1.088
53-57-S	40.21	40.21	1775.97	-11.47	1.036
53-58-S	40.21	40.21	1775.98	-11.45	1.024
53-59-S	40.21	40.21	1776.88	-9.84	1.033
53-60-S	40.21	40.21	1778.25	-7.37	1.045
53-61-S	40.21	40.21	1780.01	-4.19	1.061
53-62-S	40.21	40.21	1780.40	-3.50	1.094
53-63-S	40.21	40.21	1779.99	-4.24	1.142
53-64-S	40.21	40.21	1779.38	-5.34	1.205
53-65-S	40.21	40.21	1778.52	-6.89	1.286
53-66-S	40.21	40.21	1777.43	-8.84	1.386
53-67-S	40.21	40.21	1776.13	-11.18	1.435
53-68-S	40.21	40.21	1774.86	-13.48	1.440
53-69-S	40.21	40.21	1773.62	-15.71	1.448
53-70-S	40.21	40.21	1772.44	-17.83	1.459
53-71-S	40.21	40.21	1771.33	-19.84	1.473
53-72-S	40.21	40.21	1771.16	-20.15	1.495
53-73-S	40.21	40.21	1771.21	-20.05	1.520
53-74-S	40.21	40.21	1771.31	-19.86	1.545
53-75-S	32.17	32.17	1417.80	-15.75	1.418

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
53-76-S	24.13	24.13	1063.52	-11.65	1.427
53-77-S	16.08	16.08	709.06	-7.68	1.469
53-78-S	8.04	8.04	354.56	-3.79	1.513
54-1-S	8.04	8.04	353.41	-5.28	3.208
54-2-S	8.04	8.04	354.87	-5.13	1.541
54-3-S	16.08	16.08	708.60	-9.91	1.965
54-4-S	24.13	24.13	1062.33	-14.38	2.125
54-5-S	32.17	32.17	1415.95	-18.77	2.178
54-6-S	40.21	40.21	1769.45	-23.22	2.194
54-7-S	40.21	40.21	1769.55	-23.03	2.072
54-8-S	40.21	40.21	1769.62	-22.91	1.964
54-9-S	40.21	40.21	1769.76	-22.67	1.858
54-10-S	40.21	40.21	1769.90	-22.41	1.760
54-11-S	40.21	40.21	1770.05	-22.14	1.672
54-12-S	40.21	40.21	1770.17	-21.93	1.597
54-13-S	40.21	40.21	1770.25	-21.78	1.534
54-14-S	40.21	40.21	1770.16	-21.94	1.505
54-15-S	40.21	40.21	1770.08	-22.08	1.479
54-16-S	40.21	40.21	1770.03	-22.18	1.453
54-17-S	40.21	40.21	1769.97	-22.29	1.429
54-18-S	40.21	40.21	1769.19	-23.68	1.491
54-19-S	40.21	40.21	1768.54	-24.86	1.542
54-20-S	40.21	40.21	1768.26	-25.36	1.553
54-21-S	40.21	40.21	1768.40	-25.11	1.521
54-22-S	40.21	40.21	1769.30	-23.50	1.403
54-23-S	40.21	40.21	1770.47	-21.39	1.259
54-24-S	40.21	40.21	1771.47	-19.58	1.137
54-25-S	40.21	40.21	1772.26	-18.16	1.039
54-26-S	48.25	40.21	2121.42	-20.57	1.159
54-27-S	48.25	40.21	2121.41	-20.59	1.144
54-28-S	48.25	40.21	2121.33	-20.72	1.137
54-29-S	48.25	40.21	2121.25	-20.88	1.131
54-30-S	48.25	40.21	2121.18	-21.01	1.125
54-31-S	48.25	40.21	2120.69	-21.89	1.171
54-32-S	40.21	40.21	1771.46	-19.60	1.054
54-33-S	40.21	40.21	1770.68	-21.00	1.134
54-34-S	40.21	40.21	1769.88	-22.45	1.217
54-35-S	40.21	40.21	1769.24	-23.59	1.275
54-36-S	40.21	40.21	1769.87	-22.46	1.216
54-37-S	40.21	40.21	1770.68	-21.01	1.134
54-38-S	40.21	40.21	1771.45	-19.62	1.053
54-39-S	48.25	40.21	2120.68	-21.90	1.171
54-40-S	48.25	40.21	2121.16	-21.03	1.124
54-41-S	48.25	40.21	2121.23	-20.90	1.131
54-42-S	48.25	40.21	2121.32	-20.75	1.137
54-43-S	48.25	40.21	2121.40	-20.61	1.143
54-44-S	48.25	40.21	2121.41	-20.59	1.158
54-45-S	40.21	40.21	1772.25	-18.17	1.038
54-46-S	40.21	40.21	1771.47	-19.58	1.135
54-47-S	40.21	40.21	1770.47	-21.38	1.256
54-48-S	40.21	40.21	1769.31	-23.48	1.399
54-49-S	40.21	40.21	1777.38	-8.94	1.516
54-50-S	40.21	40.21	1775.81	-11.77	1.478
54-51-S	40.21	40.21	1774.28	-14.51	1.403
54-52-S	40.21	40.21	1772.90	-17.00	1.299
54-53-S	40.21	40.21	1771.94	-18.74	1.200
54-54-S	40.21	40.21	1772.20	-18.26	1.211
54-55-S	40.21	40.21	1772.51	-17.71	1.224
54-56-S	40.21	40.21	1773.13	-16.59	1.233
54-57-S	40.21	40.21	1774.04	-14.95	1.243
54-58-S	40.21	40.21	1773.88	-15.24	1.270
54-59-S	40.21	40.21	1773.84	-15.31	1.300
54-60-S	40.21	40.21	1774.00	-15.02	1.333
54-61-S	40.21	40.21	1774.35	-14.40	1.365
54-62-S	40.21	40.21	1774.62	-13.91	1.397
54-63-S	40.21	40.21	1774.49	-14.15	1.424
54-64-S	40.21	40.21	1774.28	-14.52	1.452
54-65-S	32.17	32.17	1419.71	-11.99	1.371
54-66-S	24.13	24.13	1064.98	-9.61	1.263
54-67-S	16.08	16.08	710.29	-6.89	1.112
54-68-S	16.08	8.04	703.18	-7.01	1.676
54-69-S	8.04	8.04	354.32	-3.63	1.714
55-1-S	16.08	8.04	696.33	-9.33	5.240
55-2-S	8.04	8.04	354.59	-4.73	1.258
55-3-S	16.08	16.08	707.90	-9.42	1.668
55-4-S	16.08	16.08	708.74	-9.55	1.275
55-5-S	24.13	24.13	1061.77	-14.58	1.542
55-6-S	32.17	32.17	1414.70	-19.78	1.713
55-7-S	32.17	32.17	1415.44	-20.11	1.463
55-8-S	40.21	40.21	1768.16	-25.42	1.626
55-9-S	40.21	40.21	1768.27	-25.35	1.588
55-10-S	40.21	40.21	1768.42	-25.07	1.561
55-11-S	40.21	40.21	1768.68	-24.61	1.532
55-12-S	40.21	40.21	1769.00	-24.03	1.497
55-13-S	40.21	40.21	1769.25	-23.58	1.445
55-14-S	40.21	40.21	1769.46	-23.20	1.400
55-15-S	40.21	40.21	1769.63	-22.90	1.357
55-16-S	40.21	40.21	1769.69	-22.78	1.320
55-17-S	40.21	40.21	1769.97	-22.28	1.257
55-18-S	40.21	40.21	1770.12	-22.02	1.209
55-19-S	40.21	40.21	1770.19	-21.89	1.169
55-20-S	40.21	40.21	1770.28	-21.73	1.131
55-21-S	40.21	40.21	1770.34	-21.61	1.098

Is	Afi	Afs	M_u	N_u	FS
	[cmq]	*[cmq]*	*[kNm]*	*[kN]*	
55-22-S	40.21	40.21	1770.23	-21.81	1.093
55-23-S	40.21	40.21	1770.16	-21.94	1.099
55-24-S	40.21	40.21	1770.14	-21.97	1.107
55-25-S	40.21	40.21	1770.13	-22.00	1.118
55-26-S	40.21	40.21	1769.87	-22.47	1.154
55-27-S	40.21	40.21	1769.36	-23.38	1.214
55-28-S	40.21	40.21	1769.15	-23.76	1.238
55-29-S	40.21	40.21	1769.15	-23.76	1.238
55-30-S	40.21	40.21	1769.15	-23.76	1.238
55-31-S	40.21	40.21	1769.36	-23.38	1.214
55-32-S	40.21	40.21	1769.86	-22.48	1.153
55-33-S	40.21	40.21	1770.13	-22.00	1.117
55-34-S	40.21	40.21	1770.14	-21.98	1.107
55-35-S	40.21	40.21	1770.16	-21.94	1.098
55-36-S	40.21	40.21	1770.23	-21.81	1.092
55-37-S	40.21	40.21	1770.34	-21.61	1.097
55-38-S	40.21	40.21	1770.28	-21.73	1.130
55-39-S	40.21	40.21	1770.19	-21.89	1.168
55-40-S	40.21	40.21	1770.12	-22.01	1.207
55-41-S	40.21	40.21	1769.98	-22.27	1.254
55-42-S	40.21	40.21	1769.70	-22.76	1.317
55-43-S	40.21	40.21	1769.64	-22.88	1.354
55-44-S	40.21	40.21	1769.48	-23.17	1.396
55-45-S	40.21	40.21	1774.72	-13.72	1.394
55-46-S	40.21	40.21	1773.59	-15.76	1.382
55-47-S	40.21	40.21	1773.19	-16.48	1.381
55-48-S	40.21	40.21	1773.07	-16.70	1.382
55-49-S	40.21	40.21	1773.09	-16.66	1.383
55-50-S	40.21	40.21	1773.17	-16.40	1.394
55-51-S	32.17	32.17	1419.46	-12.87	1.234
55-52-S	32.17	32.17	1418.46	-13.02	1.419
55-53-S	24.13	24.13	1064.38	-9.89	1.254
55-54-S	16.08	16.08	710.34	-6.68	1.017
55-55-S	16.08	16.08	709.43	-6.66	1.302
55-56-S	24.13	8.04	1038.78	-9.55	2.775
55-57-S	16.08	8.04	697.85	-6.42	3.801
56-1-S	8.04	8.04	353.02	-5.13	3.645
56-2-S	8.04	8.04	353.51	-5.01	1.787
56-3-S	16.08	8.04	699.46	-9.65	2.309
56-4-S	16.08	8.04	701.56	-9.42	1.702
56-5-S	24.13	16.08	1054.66	-13.89	2.046
56-6-S	24.13	16.08	1055.61	-13.90	1.730
56-7-S	24.13	16.08	1056.50	-13.99	1.490
56-8-S	24.13	24.13	1061.65	-14.14	1.305
56-9-S	24.13	24.13	1062.10	-14.22	1.151
56-10-S	24.13	24.13	1062.55	-14.26	1.027
56-11-S	32.17	32.17	1415.10	-19.00	1.274
56-12-S	32.17	32.17	1415.34	-19.08	1.203
56-13-S	32.17	32.17	1415.56	-19.19	1.146
56-14-S	32.17	32.17	1415.78	-19.31	1.094
56-15-S	32.17	32.17	1416.02	-19.41	1.053
56-16-S	32.17	32.17	1416.17	-19.45	1.038
56-17-S	32.17	32.17	1416.33	-19.34	1.033
56-18-S	32.17	32.17	1416.57	-19.09	1.025
56-19-S	40.21	40.21	1769.14	-23.44	1.268
56-20-S	40.21	40.21	1769.39	-23.16	1.256
56-21-S	40.21	40.21	1769.53	-23.08	1.242
56-22-S	40.21	40.21	1769.39	-23.17	1.255
56-23-S	40.21	40.21	1769.14	-23.44	1.268
56-24-S	32.17	32.17	1416.57	-19.09	1.024
56-25-S	32.17	32.17	1416.33	-19.34	1.033
56-26-S	32.17	32.17	1416.17	-19.45	1.038
56-27-S	32.17	32.17	1416.02	-19.41	1.052
56-28-S	32.17	32.17	1415.79	-19.31	1.093
56-29-S	32.17	32.17	1415.56	-19.19	1.144
56-30-S	32.17	32.17	1415.34	-19.07	1.201
56-31-S	32.17	32.17	1415.10	-19.00	1.272
56-32-S	24.13	24.13	1062.55	-14.25	1.026
56-33-S	24.13	24.13	1062.10	-14.21	1.149
56-34-S	24.13	24.13	1061.66	-14.13	1.302
56-35-S	24.13	16.08	1056.50	-13.98	1.486
56-36-S	24.13	16.08	1055.62	-13.88	1.726
56-37-S	24.13	16.08	1054.67	-13.87	2.040
56-38-S	16.08	8.04	704.02	-4.90	1.657
56-39-S	16.08	8.04	701.80	-5.16	2.196
56-40-S	8.04	8.04	354.76	-2.75	1.660
56-41-S	8.04	8.04	354.28	-2.88	3.304

Verifiche geotecniche

Carico limite

Simbologia adottata

Ic	Indice combinazione
N	Carico verticale trasmesso al terreno, espresso in [kN]
Np	Carico verticale trasmesso ai pali, espresso in [kN]
Qu	Portanza ultima terreno, espressa in [kN]
Qup	Portanza ultima pali, espressa in [kN]. Solo per fondazione mista

Qd Portanza di progetto ((Pu+Pup)/η), espressa in [kN]
Nt Carico verticale trasmesso al terreno (N+Np), espresso in [kN]
FS Fattore di sicurezza a carico limite (Pd/Nt). Tra parentesi viene riportato l'indice della combinazione con fattore di sicurezza minimo.

Ic	N	Np	Qu	Qup	Qd	Nt	FS
	[kN]	*[kN]*	*[kN]*	*[kN]*	*[kN]*	*[kN]*	
1	0.00	41998.76	0.00	0.00	0.00	41998.76	1000.000 (1)

Scorrimento

Simbologia adottata
n° Indice plinto
T Carico orizzontale trasferito al terreno, espresso in [kN]
Tp Carico orizzontale trasferito ai pali, espresso in [kN]
Ru Resistenza ultima allo scorrimento, espressa in [kN]
Rd Resistenza di progetto allo scorrimento, espressa in [kN]
FS Fattore di sicurezza allo scorrimento (Rd/T). Tra parentesi viene riportato l'indice della combinazione con fattore di sicurezza minimo.

n°	T	Tp	Ru	Rd	FS
	[kN]	*[kN]*	*[kN]*	*[kN]*	
1	0.00	1900.00	0.00	0.00	100.0 (1)

Ribaltamento

Pali

Numero pali	20
Somma portanza laterale	1890.3 [kN]
Portanza laterale del gruppo	10557.8 [kN]
Efficienza palificata	1.00
Somma portanza di punta	909591.5 [kN]
Somma portanze totali	911481.8 [kN]
Somma portanza trasversale	4997.5 [kN]

Simbologia adottata

Np	Identificativo del palo
D	diametro espresso in [cm]
L	lunghezza espressa in [m]
N	sforzo normale espresso in [kN]
T_x, T_y	taglio in fase di esercizio (direzione X ed Y) espresso in [kN]
T	risultante taglio espresso in [kN]
T_u	Taglio ultimo espresso in [kN]
M_x, M_y	momento in fase di esercizio (direzione X ed Y) espresso in [kNm]
M_u	Momento ultimo espresso in [kNm]
Musez	Momento ultimo della sezione espresso in [kNm]
A_f	Area di armatura espressa in [cmq]
N_c, N_q	fattori di capacità portante
N'_c, N'_q	fattori di capacità portante corretti
Pl_{med}, Pl_{min}	portanza per attrito e aderenza laterale in [kN]
Pp_{med}, Pp_{min}	portanza di punta in [kN]
P_d	portanza di progetto in [kN]
A_{neg}	Attrito negativo in [kN]
u	spostamento orizzontale in esercizio espresso in [cm]
u_r	spostamento orizzontale limite espresso in [cm]
p	pressione in esercizio espressa in [kg/cmq]
p_r	pressione limite espressa in [kg/cmq]
w	cedimento in testa espresso in [cm]

Risultati inviluppo

Spostamenti

Simbologia adottata

In	Indice sezione
Y	ordinata palo espressa in [m]
Ur	spostamento limite espresso in [cm]
Pr	pressione limite espressa in [kg/cmq]
Ue	spostamento in esercizio espresso in [cm]
Pe	pressione in esercizio espressa in [kg/cmq]

Palo n° 1

n°	Y	Ue	Ur	Pe	Pr
	[m]	*[cm]*	*[cm]*	*[kg/cmq]*	*[kg/cmq]*
1	0.00	0.2950 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.2931 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.2912 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.2894 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.2876 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.2857 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.2839 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.2820 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.2802 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2784 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2765 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 2

n°	Y	Ue	Ur	Pe	Pr
	[m]	*[cm]*	*[cm]*	*[kg/cmq]*	*[kg/cmq]*
1	0.00	0.2958 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.2938 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.2920 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.2901 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.2883 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.2864 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.2846 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.2828 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.2809 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2791 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2772 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 3

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.2979 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.2959 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.2941 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.2922 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.2904 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.2885 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.2866 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.2848 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.2829 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2811 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2792 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 4

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3011 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.2991 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.2972 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.2953 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.2935 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.2916 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.2897 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.2878 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.2860 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2841 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2822 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 5

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3049 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.3029 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.3010 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.2991 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.2972 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.2953 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.2934 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.2915 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.2896 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2877 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2858 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 6

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3089 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.3069 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.3049 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.3030 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.3011 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.2992 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.2972 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.2953 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.2934 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2915 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2895 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 7

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3127 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.3106 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.3087 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.3067 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.3048 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.3028 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.3009 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.2989 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.2970 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2950 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2931 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 8

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3159 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.3138 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.3119 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.3099 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.3079 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.3060 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.3040 (1)	1.4617 (1)	0.000 (0)	0.000 (0)

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
71	21.00	0.3020 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.3001 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2981 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2961 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 9

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3184 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.3163 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.3143 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.3123 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.3103 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.3083 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.3063 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.3044 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.3024 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.3004 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2984 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 10

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3199 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.3178 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.3158 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.3138 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.3118 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.3098 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.3078 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.3058 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.3038 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.3018 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2998 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 11

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3204 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.3183 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.3163 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.3143 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.3123 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.3103 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.3083 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.3063 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.3043 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.3023 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.3003 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 12

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3199 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.3178 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.3158 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.3138 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.3118 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.3098 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.3078 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.3058 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.3038 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.3018 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2998 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 13

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3184 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.3163 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.3143 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.3123 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.3103 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.3083 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.3064 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.3044 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.3024 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.3004 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2984 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 14

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3159 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.3138 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.3119 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.3099 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.3079 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.3060 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.3040 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.3020 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.3001 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2981 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2961 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 15

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3127 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.3106 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.3087 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.3067 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.3048 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.3028 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.3009 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.2989 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.2970 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2950 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2931 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 16

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3089 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.3069 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.3049 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.3030 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.3011 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.2992 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.2972 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.2953 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.2934 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2915 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2895 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 17

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3049 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.3029 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.3010 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.2991 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.2972 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.2953 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.2934 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.2915 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.2896 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2877 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2858 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 18

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.3011 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.2991 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.2972 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.2953 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.2935 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.2916 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.2897 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.2878 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.2860 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2841 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2822 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 19

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.2979 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.2959 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.2941 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.2922 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.2904 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.2885 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.2866 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.2848 (1)	1.4551 (1)	0.000 (0)	0.000 (0)

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
81	24.00	0.2829 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2811 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2792 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Palo n° 20

n°	Y	Ue	Ur	Pe	Pr
	[m]	[cm]	[cm]	[kg/cmq]	[kg/cmq]
1	0.00	0.2958 (1)	1.5012 (1)	0.000 (0)	0.000 (0)
11	3.00	0.2938 (1)	1.4944 (1)	0.000 (0)	0.000 (0)
21	6.00	0.2920 (1)	1.4879 (1)	0.000 (0)	0.000 (0)
31	9.00	0.2901 (1)	1.4813 (1)	0.000 (0)	0.000 (0)
41	12.00	0.2883 (1)	1.4748 (1)	0.000 (0)	0.000 (0)
51	15.00	0.2864 (1)	1.4682 (1)	0.000 (0)	0.000 (0)
61	18.00	0.2846 (1)	1.4617 (1)	0.000 (0)	0.000 (0)
71	21.00	0.2828 (1)	1.4551 (1)	0.000 (0)	0.000 (0)
81	24.00	0.2809 (1)	1.4486 (1)	0.000 (0)	0.000 (0)
91	27.00	0.2791 (1)	1.4421 (1)	0.000 (0)	0.000 (0)
101	30.00	0.2772 (1)	1.4355 (1)	0.000 (0)	0.000 (0)

Sollecitazioni

Simbologia adottata

n°	Identificativo sezione
Y	ordinata della sezione a partire dalla testa positiva verso il basso, espressa in [m]
Nr	sforzo normale a rottura, espresso in [kN]
N	sforzo normale, espresso in [kN]
Tr	taglio a rottura, espresso in [kN]
T	taglio, espresso in [kN]
Mr	momento a rottura, espresso in [kNm]
M	momento, espresso in [kNm]

Palo n° 1

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	3718.47 (2)	45574.09 (1)	90.94 (1)	249.87 (1)	85.71 (1)	276.88 (1)
11	3.00	3838.04 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	3968.01 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	4097.99 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	4227.96 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	4357.94 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	4487.91 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	4617.89 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	4747.86 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	4877.84 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	5007.81 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 2

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	3630.05 (2)	45574.09 (1)	91.17 (1)	249.87 (1)	85.93 (1)	276.88 (1)
11	3.00	3749.80 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	3879.78 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	4009.75 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	4139.73 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	4269.70 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	4399.68 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	4529.66 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	4659.63 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	4789.61 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	4919.58 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 3

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	3378.44 (2)	45574.09 (1)	91.83 (1)	249.87 (1)	86.54 (1)	276.88 (1)
11	3.00	3498.72 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	3628.69 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	3758.67 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	3888.64 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	4018.62 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	4148.59 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	4278.57 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	4408.54 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	4538.52 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	4668.49 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 4

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	3855.48 (1)	45574.09 (1)	92.81 (1)	249.87 (1)	87.47 (1)	276.88 (1)
11	3.00	3974.77 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
21	6.00	4104.74 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	4234.72 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	4364.69 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	4494.67 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	4624.65 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	4754.62 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	4884.60 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	5014.57 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	5144.55 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 5

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	4189.76 (1)	45574.09 (1)	93.99 (1)	249.87 (1)	88.58 (1)	276.88 (1)
11	3.00	4308.35 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	4438.32 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	4568.30 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	4698.27 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	4828.25 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	4958.22 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	5088.20 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	5218.17 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	5348.15 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	5478.13 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 6

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	4307.71 (1)	45574.09 (1)	95.22 (1)	249.87 (1)	89.74 (1)	276.88 (1)
11	3.00	4426.05 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	4556.03 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	4686.00 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	4815.98 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	4945.95 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	5075.93 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	5205.90 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	5335.88 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	5465.86 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	5595.83 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 7

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	4189.64 (1)	45574.09 (1)	96.39 (1)	249.87 (1)	90.84 (1)	276.88 (1)
11	3.00	4308.24 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	4438.21 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	4568.19 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	4698.16 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	4828.14 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	4958.11 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	5088.09 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	5218.06 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	5348.04 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	5478.01 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 8

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	3855.33 (1)	45574.09 (1)	97.39 (1)	249.87 (1)	91.78 (1)	276.88 (1)
11	3.00	3974.62 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	4104.59 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	4234.57 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	4364.54 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	4494.52 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	4624.50 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	4754.47 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	4884.45 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	5014.42 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	5144.40 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 9

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	3356.28 (1)	45574.09 (1)	98.14 (1)	249.87 (1)	92.49 (1)	276.88 (1)
11	3.00	3476.60 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	3606.57 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	3736.55 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	3866.52 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	3996.50 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	4126.47 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	4256.45 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	4386.42 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	4516.40 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
101	30.00	4646.38 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 10

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	2753.21 (1)	45574.09 (1)	98.61 (1)	249.87 (1)	92.93 (1)	276.88 (1)
11	3.00	2874.78 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	3004.76 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	3134.73 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	3264.71 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	3394.68 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	3524.66 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	3654.64 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	3784.61 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	3914.59 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	4044.56 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 11

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	2100.20 (1)	45574.09 (1)	98.77 (1)	249.87 (1)	93.08 (1)	276.88 (1)
11	3.00	2223.12 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	2353.10 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	2483.07 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	2613.05 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	2743.02 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	2873.00 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	3002.98 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	3132.95 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	3262.93 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	3392.90 (1)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 12

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	1678.90 (3)	45574.09 (1)	98.61 (1)	249.87 (1)	92.93 (1)	276.88 (1)
11	3.00	1802.70 (3)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	1932.68 (3)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	2062.65 (3)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	2192.63 (3)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	2322.60 (3)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	2452.58 (3)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	2582.55 (3)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	2712.53 (3)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	2842.50 (3)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	2972.48 (3)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 13

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	1673.89 (4)	45574.09 (1)	98.14 (1)	249.87 (1)	92.49 (1)	276.88 (1)
11	3.00	1797.70 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	1927.67 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	2057.65 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	2187.62 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	2317.60 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	2447.57 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	2577.55 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	2707.52 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	2837.50 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	2967.47 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 14

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	1673.87 (4)	45574.09 (1)	97.39 (1)	249.87 (1)	91.78 (1)	276.88 (1)
11	3.00	1797.67 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	1927.65 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	2057.62 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	2187.60 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	2317.58 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	2447.55 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	2577.53 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	2707.50 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	2837.48 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	2967.45 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 15

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	1674.12 (4)	45574.09 (1)	96.39 (1)	249.87 (1)	90.84 (1)	276.88 (1)

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
11	3.00	1797.93 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	1927.90 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	2057.88 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	2187.85 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	2317.83 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	2447.80 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	2577.78 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	2707.76 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	2837.73 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	2967.71 (4)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 16

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	2059.86 (2)	45574.09 (1)	95.22 (1)	249.87 (1)	89.74 (1)	276.88 (1)
11	3.00	2182.87 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	2312.84 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	2442.82 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	2572.79 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	2702.77 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	2832.74 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	2962.72 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	3092.69 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	3222.67 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	3352.64 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 17

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	2550.18 (2)	45574.09 (1)	93.99 (1)	249.87 (1)	88.58 (1)	276.88 (1)
11	3.00	2672.18 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	2802.15 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	2932.13 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	3062.10 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	3192.08 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	3322.05 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	3452.03 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	3582.00 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	3711.98 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	3841.95 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 18

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	3003.18 (2)	45574.09 (1)	92.81 (1)	249.87 (1)	87.47 (1)	276.88 (1)
11	3.00	3124.23 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	3254.20 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	3384.18 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	3514.15 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	3644.13 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	3774.11 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	3904.08 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	4034.06 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	4164.03 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	4294.01 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 19

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	3378.23 (2)	45574.09 (1)	91.83 (1)	249.87 (1)	86.54 (1)	276.88 (1)
11	3.00	3498.51 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	3628.48 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	3758.46 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	3888.43 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	4018.41 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	4148.38 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	4278.36 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	4408.34 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
91	27.00	4538.31 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	4668.29 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Palo n° 20

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
1	0.00	3629.59 (2)	45574.09 (1)	91.17 (1)	249.87 (1)	85.93 (1)	276.88 (1)
11	3.00	3749.34 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
21	6.00	3879.32 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
31	9.00	4009.29 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
41	12.00	4139.27 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
51	15.00	4269.24 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
61	18.00	4399.22 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
71	21.00	4529.19 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
81	24.00	4659.17 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

n°	Y	N	Nr	T	Tr	M	Mr
	[m]	[kN]	[kN]	[kN]	[kN]	[kNm]	[kNm]
91	27.00	4789.14 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)
101	30.00	4919.12 (2)	45458.42 (1)	0.00 (0)	0.00 (1)	0.00 (0)	0.00 (1)

Verifiche strutturali

Verifica a flessione

Pali in c.a.

Simbologia adottata

Y	ordinata della sezione a partire dalla testa positiva verso il basso, espressa in [m]
Af	Area armatura, espresso in [cmq]
Mu	Momento ultimo, espresso in [kNm]
Nu	Sforzo normale ultimo, espresso in [kN]
FS	Fattore di sicurezza

Palo n° 1

Y	A_f	M_u	N_u	FS
[m]	[cmq]	[kNm]	[kN]	
0.00	54.29	367.64	21943.88	5.901
3.00	54.29	0.00	21943.88	5.717
6.00	54.29	0.00	21943.88	5.530
9.00	54.29	0.00	21943.88	5.355
12.00	54.29	0.00	21943.88	5.190
15.00	54.29	0.00	21943.88	5.035
18.00	54.29	0.00	21943.88	4.890
21.00	54.29	0.00	21943.88	4.752
24.00	54.29	0.00	21943.88	4.622
27.00	54.29	0.00	21943.88	4.499
30.00	54.29	0.00	21943.88	4.382

Palo n° 2

Y	A_f	M_u	N_u	FS
[m]	[cmq]	[kNm]	[kN]	
0.00	54.29	376.48	21943.88	6.045
3.00	54.29	0.00	21943.88	5.852
6.00	54.29	0.00	21943.88	5.656
9.00	54.29	0.00	21943.88	5.473
12.00	54.29	0.00	21943.88	5.301
15.00	54.29	0.00	21943.88	5.139
18.00	54.29	0.00	21943.88	4.988
21.00	54.29	0.00	21943.88	4.844
24.00	54.29	0.00	21943.88	4.709
27.00	54.29	0.00	21943.88	4.582
30.00	54.29	0.00	21943.88	4.461

Palo n° 3

Y	A_f	M_u	N_u	FS
[m]	[cmq]	[kNm]	[kN]	
0.00	54.29	404.22	21943.88	6.495
3.00	54.29	0.00	21943.88	6.272
6.00	54.29	0.00	21943.88	6.047
9.00	54.29	0.00	21943.88	5.838
12.00	54.29	0.00	21943.88	5.643
15.00	54.29	0.00	21943.88	5.461
18.00	54.29	0.00	21943.88	5.289
21.00	54.29	0.00	21943.88	5.129
24.00	54.29	0.00	21943.88	4.978
27.00	54.29	0.00	21943.88	4.835
30.00	54.29	0.00	21943.88	4.700

Palo n° 4

Y	A_f	M_u	N_u	FS
[m]	[cmq]	[kNm]	[kN]	
0.00	54.29	497.84	21943.88	5.692
3.00	54.29	0.00	21943.88	5.521
6.00	54.29	0.00	21943.88	5.346
9.00	54.29	0.00	21943.88	5.182
12.00	54.29	0.00	21943.88	5.028
15.00	54.29	0.00	21943.88	4.882
18.00	54.29	0.00	21943.88	4.745
21.00	54.29	0.00	21943.88	4.615
24.00	54.29	0.00	21943.88	4.492
27.00	54.29	0.00	21943.88	4.376
30.00	54.29	0.00	21943.88	4.265

Palo n° 5

Y	A_f	M_u	N_u	FS
[m]	*[cmq]*	*[kNm]*	*[kN]*	
0.00	54.29	463.92	21943.88	5.238
3.00	54.29	0.00	21943.88	5.093
6.00	54.29	0.00	21943.88	4.944
9.00	54.29	0.00	21943.88	4.804
12.00	54.29	0.00	21943.88	4.671
15.00	54.29	0.00	21943.88	4.545
18.00	54.29	0.00	21943.88	4.426
21.00	54.29	0.00	21943.88	4.313
24.00	54.29	0.00	21943.88	4.205
27.00	54.29	0.00	21943.88	4.103
30.00	54.29	0.00	21943.88	4.006

Palo n° 6

Y	A_f	M_u	N_u	FS
[m]	*[cmq]*	*[kNm]*	*[kN]*	
0.00	54.29	457.15	21943.88	5.094
3.00	54.29	0.00	21943.88	4.958
6.00	54.29	0.00	21943.88	4.816
9.00	54.29	0.00	21943.88	4.683
12.00	54.29	0.00	21943.88	4.556
15.00	54.29	0.00	21943.88	4.437
18.00	54.29	0.00	21943.88	4.323
21.00	54.29	0.00	21943.88	4.215
24.00	54.29	0.00	21943.88	4.113
27.00	54.29	0.00	21943.88	4.015
30.00	54.29	0.00	21943.88	3.921

Palo n° 7

Y	A_f	M_u	N_u	FS
[m]	*[cmq]*	*[kNm]*	*[kN]*	
0.00	54.29	475.79	21943.88	5.238
3.00	54.29	0.00	21943.88	5.093
6.00	54.29	0.00	21943.88	4.944
9.00	54.29	0.00	21943.88	4.804
12.00	54.29	0.00	21943.88	4.671
15.00	54.29	0.00	21943.88	4.545
18.00	54.29	0.00	21943.88	4.426
21.00	54.29	0.00	21943.88	4.313
24.00	54.29	0.00	21943.88	4.205
27.00	54.29	0.00	21943.88	4.103
30.00	54.29	0.00	21943.88	4.006

Palo n° 8

Y	A_f	M_u	N_u	FS
[m]	*[cmq]*	*[kNm]*	*[kN]*	
0.00	54.29	522.41	21943.88	5.692
3.00	54.29	0.00	21943.88	5.521
6.00	54.29	0.00	21943.88	5.346
9.00	54.29	0.00	21943.88	5.182
12.00	54.29	0.00	21943.88	5.028
15.00	54.29	0.00	21943.88	4.882
18.00	54.29	0.00	21943.88	4.745
21.00	54.29	0.00	21943.88	4.615
24.00	54.29	0.00	21943.88	4.493
27.00	54.29	0.00	21943.88	4.376
30.00	54.29	0.00	21943.88	4.266

Palo n° 9

Y	A_f	M_u	N_u	FS
[m]	*[cmq]*	*[kNm]*	*[kN]*	
0.00	54.29	604.74	21943.88	6.538
3.00	54.29	0.00	21943.88	6.312
6.00	54.29	0.00	21943.88	6.084
9.00	54.29	0.00	21943.88	5.873
12.00	54.29	0.00	21943.88	5.675
15.00	54.29	0.00	21943.88	5.491
18.00	54.29	0.00	21943.88	5.318
21.00	54.29	0.00	21943.88	5.155
24.00	54.29	0.00	21943.88	5.003
27.00	54.29	0.00	21943.88	4.859
30.00	54.29	0.00	21943.88	4.723

Palo n° 10

Y	A_f	M_u	N_u	FS
[m]	*[cmq]*	*[kNm]*	*[kN]*	
0.00	54.29	740.71	21943.88	7.970
3.00	54.29	0.00	21943.88	7.633
6.00	54.29	0.00	21943.88	7.303
9.00	54.29	0.00	21943.88	7.000
12.00	54.29	0.00	21943.88	6.722
15.00	54.29	0.00	21943.88	6.464
18.00	54.29	0.00	21943.88	6.226
21.00	54.29	0.00	21943.88	6.004

Y	A_f	M_u	N_u	FS
[m]	*[cmq]*	*[kNm]*	*[kN]*	
24.00	54.29	0.00	21943.88	5.798
27.00	54.29	0.00	21943.88	5.606
30.00	54.29	0.00	21943.88	5.426

Palo n° 11

Y	A_f	M_u	N_u	FS
[m]	*[cmq]*	*[kNm]*	*[kN]*	
0.00	54.29	972.56	21943.88	10.448
3.00	54.29	0.00	21943.88	9.871
6.00	54.29	0.00	21943.88	9.326
9.00	54.29	0.00	21943.88	8.837
12.00	54.29	0.00	21943.88	8.398
15.00	54.29	0.00	21943.88	8.000
18.00	54.29	0.00	21943.88	7.638
21.00	54.29	0.00	21943.88	7.307
24.00	54.29	0.00	21943.88	7.004
27.00	54.29	0.00	21943.88	6.725
30.00	54.29	0.00	21943.88	6.468

Palo n° 12

Y	A_f	M_u	N_u	FS
[m]	*[cmq]*	*[kNm]*	*[kN]*	
0.00	54.29	597.09	21943.88	13.070
3.00	54.29	0.00	21943.88	12.173
6.00	54.29	0.00	21943.88	11.354
9.00	54.29	0.00	21943.88	10.639
12.00	54.29	0.00	21943.88	10.008
15.00	54.29	0.00	21943.88	9.448
18.00	54.29	0.00	21943.88	8.947
21.00	54.29	0.00	21943.88	8.497
24.00	54.29	0.00	21943.88	8.090
27.00	54.29	0.00	21943.88	7.720
30.00	54.29	0.00	21943.88	7.382

Palo n° 13

Y	A_f	M_u	N_u	FS
[m]	*[cmq]*	*[kNm]*	*[kN]*	
0.00	54.29	0.00	21943.88	13.110
3.00	54.29	0.00	21943.88	12.207
6.00	54.29	0.00	21943.88	11.384
9.00	54.29	0.00	21943.88	10.665
12.00	54.29	0.00	21943.88	10.031
15.00	54.29	0.00	21943.88	9.468
18.00	54.29	0.00	21943.88	8.966
21.00	54.29	0.00	21943.88	8.513
24.00	54.29	0.00	21943.88	8.105
27.00	54.29	0.00	21943.88	7.734
30.00	54.29	0.00	21943.88	7.395

Palo n° 14

Y	A_f	M_u	N_u	FS
[m]	*[cmq]*	*[kNm]*	*[kN]*	
0.00	54.29	0.00	21943.88	13.110
3.00	54.29	0.00	21943.88	12.207
6.00	54.29	0.00	21943.88	11.384
9.00	54.29	0.00	21943.88	10.665
12.00	54.29	0.00	21943.88	10.031
15.00	54.29	0.00	21943.88	9.468
18.00	54.29	0.00	21943.88	8.966
21.00	54.29	0.00	21943.88	8.514
24.00	54.29	0.00	21943.88	8.105
27.00	54.29	0.00	21943.88	7.734
30.00	54.29	0.00	21943.88	7.395

Palo n° 15

Y	A_f	M_u	N_u	FS
[m]	*[cmq]*	*[kNm]*	*[kN]*	
0.00	54.29	0.00	21943.88	13.108
3.00	54.29	0.00	21943.88	12.205
6.00	54.29	0.00	21943.88	11.382
9.00	54.29	0.00	21943.88	10.663
12.00	54.29	0.00	21943.88	10.030
15.00	54.29	0.00	21943.88	9.467
18.00	54.29	0.00	21943.88	8.965
21.00	54.29	0.00	21943.88	8.513
24.00	54.29	0.00	21943.88	8.104
27.00	54.29	0.00	21943.88	7.733
30.00	54.29	0.00	21943.88	7.394

Palo n° 16

Y	A_f	M_u	N_u	FS

[m]	[cmq]	[kNm]	[kN]	
0.00	54.29	767.95	-924.91	8.557
3.00	54.29	0.00	21943.88	10.053
6.00	54.29	0.00	21943.88	9.488
9.00	54.29	0.00	21943.88	8.983
12.00	54.29	0.00	21943.88	8.529
15.00	54.29	0.00	21943.88	8.119
18.00	54.29	0.00	21943.88	7.747
21.00	54.29	0.00	21943.88	7.407
24.00	54.29	0.00	21943.88	7.095
27.00	54.29	0.00	21943.88	6.809
30.00	54.29	0.00	21943.88	6.545

Palo n° 17

Y	A_f	M_u	N_u	FS
[m]	[cmq]	[kNm]	[kN]	
0.00	54.29	534.58	21943.88	8.605
3.00	54.29	0.00	21943.88	8.212
6.00	54.29	0.00	21943.88	7.831
9.00	54.29	0.00	21943.88	7.484
12.00	54.29	0.00	21943.88	7.166
15.00	54.29	0.00	21943.88	6.874
18.00	54.29	0.00	21943.88	6.606
21.00	54.29	0.00	21943.88	6.357
24.00	54.29	0.00	21943.88	6.126
27.00	54.29	0.00	21943.88	5.912
30.00	54.29	0.00	21943.88	5.712

Palo n° 18

Y	A_f	M_u	N_u	FS
[m]	[cmq]	[kNm]	[kN]	
0.00	54.29	454.30	21943.88	7.307
3.00	54.29	0.00	21943.88	7.024
6.00	54.29	0.00	21943.88	6.743
9.00	54.29	0.00	21943.88	6.484
12.00	54.29	0.00	21943.88	6.244
15.00	54.29	0.00	21943.88	6.022
18.00	54.29	0.00	21943.88	5.814
21.00	54.29	0.00	21943.88	5.621
24.00	54.29	0.00	21943.88	5.440
27.00	54.29	0.00	21943.88	5.270
30.00	54.29	0.00	21943.88	5.110

Palo n° 19

Y	A_f	M_u	N_u	FS
[m]	[cmq]	[kNm]	[kN]	
0.00	54.29	404.25	21943.88	6.496
3.00	54.29	0.00	21943.88	6.272
6.00	54.29	0.00	21943.88	6.048
9.00	54.29	0.00	21943.88	5.839
12.00	54.29	0.00	21943.88	5.643
15.00	54.29	0.00	21943.88	5.461
18.00	54.29	0.00	21943.88	5.290
21.00	54.29	0.00	21943.88	5.129
24.00	54.29	0.00	21943.88	4.978
27.00	54.29	0.00	21943.88	4.835
30.00	54.29	0.00	21943.88	4.701

Palo n° 20

Y	A_f	M_u	N_u	FS
[m]	[cmq]	[kNm]	[kN]	
0.00	54.29	376.53	21943.88	6.046
3.00	54.29	0.00	21943.88	5.853
6.00	54.29	0.00	21943.88	5.657
9.00	54.29	0.00	21943.88	5.473
12.00	54.29	0.00	21943.88	5.301
15.00	54.29	0.00	21943.88	5.140
18.00	54.29	0.00	21943.88	4.988
21.00	54.29	0.00	21943.88	4.845
24.00	54.29	0.00	21943.88	4.710
27.00	54.29	0.00	21943.88	4.582
30.00	54.29	0.00	21943.88	4.461

Verifica a taglio

Pali in c.a.

Simbologia adottata

Y	ordinata della sezione a partire dalla testa positiva verso il basso, espressa in [m]
V_{Rcd}	Taglio resistente a compressione, espresso in [kN]
V_{Rsd}	Taglio resistente a trazione, espresso in [kN]
V_{Rd}	Taglio resistente, espresso in [kN]
FS	Fattore di sicurezza

Palo n° 1

Y [m]	V_{Rcd} [kN]	V_{Rsd} [kN]	V_{Rd} [kN]	FS
0.00	2621.87	735.18	735.18	8.084
3.00	2640.36	735.18	735.18	100.000
6.00	2659.76	735.18	735.18	100.000
9.00	2679.17	735.18	735.18	100.000
12.00	2698.58	735.18	735.18	100.000
15.00	2717.99	735.18	735.18	100.000
18.00	2737.40	735.18	735.18	100.000
21.00	2756.80	735.18	735.18	100.000
24.00	2776.21	735.18	735.18	100.000
27.00	2795.62	735.18	735.18	100.000
30.00	2815.03	735.18	735.18	100.000

Palo n° 2

Y [m]	V_{Rcd} [kN]	V_{Rsd} [kN]	V_{Rd} [kN]	FS
0.00	2621.87	735.18	735.18	8.063
3.00	2640.35	735.18	735.18	100.000
6.00	2659.76	735.18	735.18	100.000
9.00	2679.17	735.18	735.18	100.000
12.00	2698.58	735.18	735.18	100.000
15.00	2717.99	735.18	735.18	100.000
18.00	2737.39	735.18	735.18	100.000
21.00	2756.80	735.18	735.18	100.000
24.00	2776.21	735.18	735.18	100.000
27.00	2795.62	735.18	735.18	100.000
30.00	2815.03	735.18	735.18	100.000

Palo n° 3

Y [m]	V_{Rcd} [kN]	V_{Rsd} [kN]	V_{Rd} [kN]	FS
0.00	2621.83	735.18	735.18	8.006
3.00	2640.32	735.18	735.18	100.000
6.00	2659.73	735.18	735.18	100.000
9.00	2679.14	735.18	735.18	100.000
12.00	2698.54	735.18	735.18	100.000
15.00	2717.95	735.18	735.18	100.000
18.00	2737.36	735.18	735.18	100.000
21.00	2756.77	735.18	735.18	100.000
24.00	2776.18	735.18	735.18	100.000
27.00	2795.58	735.18	735.18	100.000
30.00	2814.99	735.18	735.18	100.000

Palo n° 4

Y [m]	V_{Rcd} [kN]	V_{Rsd} [kN]	V_{Rd} [kN]	FS
0.00	2621.82	735.18	735.18	7.921
3.00	2640.31	735.18	735.18	100.000
6.00	2659.71	735.18	735.18	100.000
9.00	2679.12	735.18	735.18	100.000
12.00	2698.53	735.18	735.18	100.000
15.00	2717.94	735.18	735.18	100.000
18.00	2737.35	735.18	735.18	100.000
21.00	2756.75	735.18	735.18	100.000
24.00	2776.16	735.18	735.18	100.000
27.00	2795.57	735.18	735.18	100.000
30.00	2814.98	735.18	735.18	100.000

Palo n° 5

Y [m]	V_{Rcd} [kN]	V_{Rsd} [kN]	V_{Rd} [kN]	FS
0.00	2621.84	735.18	735.18	7.822
3.00	2640.33	735.18	735.18	100.000
6.00	2659.74	735.18	735.18	100.000
9.00	2679.15	735.18	735.18	100.000
12.00	2698.56	735.18	735.18	100.000
15.00	2717.96	735.18	735.18	100.000
18.00	2737.37	735.18	735.18	100.000
21.00	2756.78	735.18	735.18	100.000
24.00	2776.19	735.18	735.18	100.000
27.00	2795.60	735.18	735.18	100.000
30.00	2815.00	735.18	735.18	100.000

Palo n° 6

Y [m]	V_{Rcd} [kN]	V_{Rsd} [kN]	V_{Rd} [kN]	FS
0.00	2621.85	735.18	735.18	7.721
3.00	2640.34	735.18	735.18	100.000
6.00	2659.75	735.18	735.18	100.000
9.00	2679.15	735.18	735.18	100.000

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
12.00	2698.56	735.18	735.18	100.000
15.00	2717.97	735.18	735.18	100.000
18.00	2737.38	735.18	735.18	100.000
21.00	2756.79	735.18	735.18	100.000
24.00	2776.19	735.18	735.18	100.000
27.00	2795.60	735.18	735.18	100.000
30.00	2815.01	735.18	735.18	100.000

Palo n° 7

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.85	735.18	735.18	7.627
3.00	2640.34	735.18	735.18	100.000
6.00	2659.75	735.18	735.18	100.000
9.00	2679.15	735.18	735.18	100.000
12.00	2698.56	735.18	735.18	100.000
15.00	2717.97	735.18	735.18	100.000
18.00	2737.38	735.18	735.18	100.000
21.00	2756.79	735.18	735.18	100.000
24.00	2776.19	735.18	735.18	100.000
27.00	2795.60	735.18	735.18	100.000
30.00	2815.01	735.18	735.18	100.000

Palo n° 8

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.83	735.18	735.18	7.549
3.00	2640.31	735.18	735.18	100.000
6.00	2659.72	735.18	735.18	100.000
9.00	2679.13	735.18	735.18	100.000
12.00	2698.54	735.18	735.18	100.000
15.00	2717.94	735.18	735.18	100.000
18.00	2737.35	735.18	735.18	100.000
21.00	2756.76	735.18	735.18	100.000
24.00	2776.17	735.18	735.18	100.000
27.00	2795.58	735.18	735.18	100.000
30.00	2814.98	735.18	735.18	100.000

Palo n° 9

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.83	735.18	735.18	7.491
3.00	2640.32	735.18	735.18	100.000
6.00	2659.73	735.18	735.18	100.000
9.00	2679.13	735.18	735.18	100.000
12.00	2698.54	735.18	735.18	100.000
15.00	2717.95	735.18	735.18	100.000
18.00	2737.36	735.18	735.18	100.000
21.00	2756.77	735.18	735.18	100.000
24.00	2776.17	735.18	735.18	100.000
27.00	2795.58	735.18	735.18	100.000
30.00	2814.99	735.18	735.18	100.000

Palo n° 10

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.86	735.18	735.18	7.455
3.00	2640.35	735.18	735.18	100.000
6.00	2659.76	735.18	735.18	100.000
9.00	2679.16	735.18	735.18	100.000
12.00	2698.57	735.18	735.18	100.000
15.00	2717.98	735.18	735.18	100.000
18.00	2737.39	735.18	735.18	100.000
21.00	2756.79	735.18	735.18	100.000
24.00	2776.20	735.18	735.18	100.000
27.00	2795.61	735.18	735.18	100.000
30.00	2815.02	735.18	735.18	100.000

Palo n° 11

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.87	735.18	735.18	7.444
3.00	2640.36	735.18	735.18	100.000
6.00	2659.76	735.18	735.18	100.000
9.00	2679.17	735.18	735.18	100.000
12.00	2698.58	735.18	735.18	100.000
15.00	2717.99	735.18	735.18	100.000
18.00	2737.40	735.18	735.18	100.000
21.00	2756.80	735.18	735.18	100.000
24.00	2776.21	735.18	735.18	100.000
27.00	2795.62	735.18	735.18	100.000
30.00	2815.03	735.18	735.18	100.000

Palo n° 12

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.86	735.18	735.18	7.455
3.00	2640.34	735.18	735.18	100.000
6.00	2659.75	735.18	735.18	100.000
9.00	2679.16	735.18	735.18	100.000
12.00	2698.57	735.18	735.18	100.000
15.00	2717.98	735.18	735.18	100.000
18.00	2737.38	735.18	735.18	100.000
21.00	2756.79	735.18	735.18	100.000
24.00	2776.20	735.18	735.18	100.000
27.00	2795.61	735.18	735.18	100.000
30.00	2815.02	735.18	735.18	100.000

Palo n° 13

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.82	735.18	735.18	7.491
3.00	2640.31	735.18	735.18	100.000
6.00	2659.72	735.18	735.18	100.000
9.00	2679.12	735.18	735.18	100.000
12.00	2698.53	735.18	735.18	100.000
15.00	2717.94	735.18	735.18	100.000
18.00	2737.35	735.18	735.18	100.000
21.00	2756.76	735.18	735.18	100.000
24.00	2776.16	735.18	735.18	100.000
27.00	2795.57	735.18	735.18	100.000
30.00	2814.98	735.18	735.18	100.000

Palo n° 14

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.82	735.18	735.18	7.549
3.00	2640.31	735.18	735.18	100.000
6.00	2659.71	735.18	735.18	100.000
9.00	2679.12	735.18	735.18	100.000
12.00	2698.53	735.18	735.18	100.000
15.00	2717.94	735.18	735.18	100.000
18.00	2737.35	735.18	735.18	100.000
21.00	2756.75	735.18	735.18	100.000
24.00	2776.16	735.18	735.18	100.000
27.00	2795.57	735.18	735.18	100.000
30.00	2814.98	735.18	735.18	100.000

Palo n° 15

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.86	735.18	735.18	7.627
3.00	2640.34	735.18	735.18	100.000
6.00	2659.75	735.18	735.18	100.000
9.00	2679.16	735.18	735.18	100.000
12.00	2698.57	735.18	735.18	100.000
15.00	2717.98	735.18	735.18	100.000
18.00	2737.38	735.18	735.18	100.000
21.00	2756.79	735.18	735.18	100.000
24.00	2776.20	735.18	735.18	100.000
27.00	2795.61	735.18	735.18	100.000
30.00	2815.02	735.18	735.18	100.000

Palo n° 16

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.86	735.18	735.18	7.721
3.00	2640.35	735.18	735.18	100.000
6.00	2659.76	735.18	735.18	100.000
9.00	2679.17	735.18	735.18	100.000
12.00	2698.57	735.18	735.18	100.000
15.00	2717.98	735.18	735.18	100.000
18.00	2737.39	735.18	735.18	100.000
21.00	2756.80	735.18	735.18	100.000
24.00	2776.21	735.18	735.18	100.000
27.00	2795.61	735.18	735.18	100.000
30.00	2815.02	735.18	735.18	100.000

Palo n° 17

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.85	735.18	735.18	7.822
3.00	2640.33	735.18	735.18	100.000
6.00	2659.74	735.18	735.18	100.000
9.00	2679.15	735.18	735.18	100.000
12.00	2698.56	735.18	735.18	100.000
15.00	2717.97	735.18	735.18	100.000

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
18.00	2737.37	735.18	735.18	100.000
21.00	2756.78	735.18	735.18	100.000
24.00	2776.19	735.18	735.18	100.000
27.00	2795.60	735.18	735.18	100.000
30.00	2815.01	735.18	735.18	100.000

Palo n° 18

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.82	735.18	735.18	7.921
3.00	2640.31	735.18	735.18	100.000
6.00	2659.72	735.18	735.18	100.000
9.00	2679.12	735.18	735.18	100.000
12.00	2698.53	735.18	735.18	100.000
15.00	2717.94	735.18	735.18	100.000
18.00	2737.35	735.18	735.18	100.000
21.00	2756.76	735.18	735.18	100.000
24.00	2776.16	735.18	735.18	100.000
27.00	2795.57	735.18	735.18	100.000
30.00	2814.98	735.18	735.18	100.000

Palo n° 19

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.82	735.18	735.18	8.006
3.00	2640.31	735.18	735.18	100.000
6.00	2659.72	735.18	735.18	100.000
9.00	2679.12	735.18	735.18	100.000
12.00	2698.53	735.18	735.18	100.000
15.00	2717.94	735.18	735.18	100.000
18.00	2737.35	735.18	735.18	100.000
21.00	2756.76	735.18	735.18	100.000
24.00	2776.16	735.18	735.18	100.000
27.00	2795.57	735.18	735.18	100.000
30.00	2814.98	735.18	735.18	100.000

Palo n° 20

Y	V_{Rcd}	V_{Rsd}	V_{Rd}	FS
[m]	*[kN]*	*[kN]*	*[kN]*	
0.00	2621.86	735.18	735.18	8.063
3.00	2640.34	735.18	735.18	100.000
6.00	2659.75	735.18	735.18	100.000
9.00	2679.16	735.18	735.18	100.000
12.00	2698.57	735.18	735.18	100.000
15.00	2717.98	735.18	735.18	100.000
18.00	2737.38	735.18	735.18	100.000
21.00	2756.79	735.18	735.18	100.000
24.00	2776.20	735.18	735.18	100.000
27.00	2795.61	735.18	735.18	100.000
30.00	2815.02	735.18	735.18	100.000

Verifiche geotecniche

Carico limite

Simbologia adottata

n°	Indice palo
Oggetto	Oggetto di appartenenza del palo (Piastra, Plinto o Trave)
N	Carico verticale agente alla testa del palo, espresso in [kN]
Pd	Portanza di progetto, espresso in [kN]
FS_V	Fattore di sicurezza (Pd/N). Tra parentesi l'indice della combinazione con fattore di sicurezza minimo.
T	Carico orizzontale agente alla testa del palo, espresso in [kN]
Td	Portanza trasversale di progetto, espresso in [kN]
FS_O	Fattore di sicurezza (Vd/V). Tra parentesi l'indice della combinazione con fattore di sicurezza minimo.

n°	Oggetto	N	Pd	FS_V	T	Td	FS_O
		[kN]	*[kN]*		*[kN]*	*[kN]*	
1	Piastra 1	3718.47	18565.40	4.993 (2)	90.94	192.21	2.113 (1)
2	Piastra 1	3630.05	18565.40	5.114 (2)	91.17	192.21	2.108 (1)
3	Piastra 1	3378.44	18565.40	5.495 (2)	91.83	192.21	2.093 (1)
4	Piastra 1	3855.48	18565.40	4.815 (1)	92.81	192.21	2.071 (1)
5	Piastra 1	4189.76	18565.40	4.431 (1)	93.99	192.21	2.045 (1)
6	Piastra 1	4307.71	18565.40	4.310 (1)	95.22	192.21	2.019 (1)
7	Piastra 1	4189.64	18565.40	4.431 (1)	96.39	192.21	1.994 (1)
8	Piastra 1	3855.33	18565.40	4.816 (1)	97.39	192.21	1.974 (1)
9	Piastra 1	3356.28	18565.40	5.532 (1)	98.14	192.21	1.958 (1)
10	Piastra 1	2753.21	18565.40	6.743 (1)	98.61	192.21	1.949 (1)
11	Piastra 1	2100.20	18565.40	8.840 (1)	98.77	192.21	1.946 (1)
12	Piastra 1	1678.90	18565.40	11.058 (3)	98.61	192.21	1.949 (1)
13	Piastra 1	1673.89	18565.40	11.091 (4)	98.14	192.21	1.958 (1)
14	Piastra 1	1673.87	18565.40	11.091 (4)	97.39	192.21	1.974 (1)
15	Piastra 1	1674.12	18565.40	11.090 (4)	96.39	192.21	1.994 (1)

n°	Oggetto	N	Pd	FS_V	T	Td	FS_O
		[kN]	*[kN]*		*[kN]*	*[kN]*	
16	Piastra 1	2059.86	18565.40	9.013 (2)	95.22	192.21	2.019 (1)
17	Piastra 1	2550.18	18565.40	7.280 (2)	93.99	192.21	2.045 (1)
18	Piastra 1	3003.18	18565.40	6.182 (2)	92.81	192.21	2.071 (1)
19	Piastra 1	3378.23	18565.40	5.496 (2)	91.83	192.21	2.093 (1)
20	Piastra 1	3629.59	18565.40	5.115 (2)	91.17	192.21	2.108 (1)