

	IEEE/PES Substation Committee - GIS Subcommittee				
	Applications Jacksonville				
	۲	Jacksonvill	e, Florida,	USA	
	۲	Ratings			
		U _r	138 kV		
		l _r	2500 A		
		U _{BIL}	650 kV		
		l _s	50 kA		
	T&C) Chicago GIL			- 2 -









IEEE/PES Substation Committee - GIS Subcommittee				
Applications Taylor Street				
۲	Taylor Stre	et, Chicago	o, USA, ComEd	
٢	Ratings			
	U _r	362 kV		
	l _r	4000 A		
	U _{BIL}	950 kV		
	l _s	63 kA		
•	Single line	, physical a	rrangement	
T&E	O Chicago GIL			- 7 -



	IEEE/PES Substation Committee - GIS Subcommittee							
	Applications Puget Sound							
	۲	Puget Sound, Bow Lake Substation, USA						
	۲	Ratings						
		U _r	145/115 kV					
		l _r	2000 A					
		U _{BIL}	650 kV					
OES.		l _s	40 kA					
	T&I	D Chicago GIL			- 9 -			













			IEEE/PES Substa	tion Committee - GIS Subcommittee	-
	Aj Bi	pplicatior raintree	IS		4
APPIN	۲	Braintree			
の家に	۲	Ratings			
		U _r	115/13.8 kV		
		l _r	2000 A		
		U _{BIL}	550 kV		
国家现新中		I _s	31,5 kA		
SF6	٠	Single line, 2 lines tie b	physical arrang preaker	ement	
2	Т&[D Chicago GIL			- 16 -





			IEEE/PES S	ubstation Committee - GIS Subcommittee	
	Ap Ba	oplication arbana	าร		
APPE	۲	Barbana			
	۲	Ratings			
		U _r	145 kV		
		l _r	2000 A		
		U _{BIL}	650 kV		
的。我们并且		I _s	40 kA		
SF6	•	Single line The GIS a The substa	, physical a nd Transfor ation supplie	rrangement mers are located under an public park. es the inner city with energy.	
	T&D) Chicago GIL			- 19 -





	IEEE/PES Substation Committee - GIS Subcommittee				
	Application Alabama Avenue				
	•	Project Na Customer Location	me Alal Pote Was	oama Avenue omac Electric Power Co. (PEPCO) shington D.C.	
通道	۲	Ratings			
		U _r	230 kV		
COLLECTION &		l _r	2000 A		
SF6		BIL			
		l _s	50 kA		
	•	3 bays wit transforme	h single b ers and Hl	usbar and direct parallel connection to PFF cables on each feeder.	
	Т&Г	O Chicago GIL			- 22 -





			IEEE/PES \$	Substation Committee - GIS Subcommittee	
	Ap Ro	oplication owan Uni	n iversity S	Substation	X
	•	Project Na Customer Location	ime Row Row Glas	an University Substation an University sboro/NJ	
	۲	Ratings			
		U _r	69 kV		
CORRECT RE-		l _r	2000 A		
SF6		BIL	350 kV		
		I _s	40 kA		
	•	4 breaker installed o	ring arrang utdoor, incl	ement with double cable connections, . control & protection	
	T&D) Chicago GIL			- 25 -



	IEEE/PES Substation Committee - GIS Subcommittee					
	Ap W	oplication est Loop	S			
	۲	Project Nan Customer Location	ne TSS 148 Exelon / (Chicago/l	"West Loop" ComEd IL		
通訊	۲	Ratings				
		U _r	345 kV			
		l _r	3150 kV			
的复数非正		BIL	1050 kV			
SF6		l _s	63 kV			
	•	5 bays type connections for future ex	8DQ1 in ring and SF6-air- tension with a	bus arrangement with double cable bushings to the transformers. Prepared another 5 bays.		
	T&C	O Chicago GIL			- 27 -	





